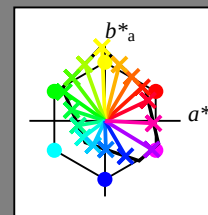


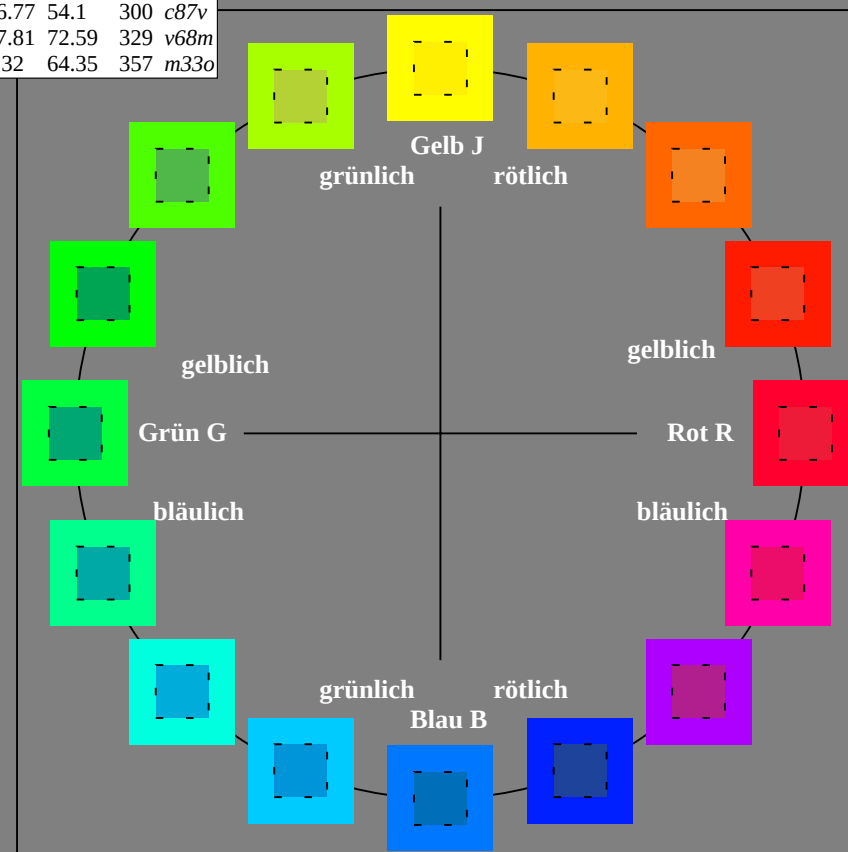
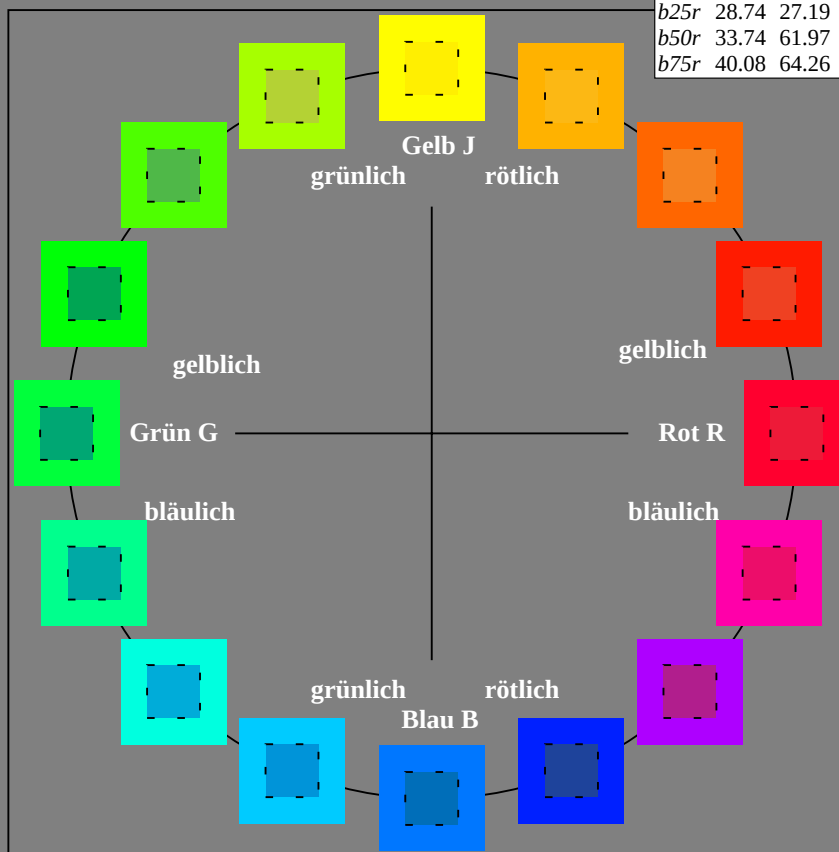
Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS15\_90a  
Daten für jede Farbe:  
 $u^*_e$  und Nummer  $Nr.$  = 00 .. 15  
Elementar-Bunttontext:  
 $u^*_e = 16$  Bunttoene  $r00j, r25j, \dots, b75r$   
Kontrastreduzierungsfaktor:  
 $c_R = 0.9$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|--|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |  |
| $r00j$                             | 39.18       | 56.94   | 27.13   | 63.07        | 25           | $m81o$  |  |
| $r25j$                             | 42.41       | 49.1    | 44.5    | 66.26        | 42           | $o10y$  |  |
| $r50j$                             | 52.78       | 35.22   | 58.37   | 68.17        | 59           | $o40y$  |  |
| $r75j$                             | 64.82       | 19.12   | 74.47   | 76.89        | 76           | $o69y$  |  |
| $j00g$                             | 82.06       | -3.94   | 97.52   | 97.6         | 92           | $o98y$  |  |
| $j25g$                             | 67.26       | -26.87  | 74.67   | 79.36        | 110          | $y34l$  |  |
| $j50g$                             | 55.83       | -43.45  | 57.11   | 71.76        | 127          | $y69l$  |  |
| $j75g$                             | 47.5        | -54.18  | 38.3    | 66.35        | 145          | $l03c$  |  |
| $g00b$                             | 50.07       | -44.09  | 14.13   | 46.3         | 162          | $l23c$  |  |
| $g25b$                             | 52.21       | -35.66  | -6.03   | 36.17        | 190          | $l55c$  |  |
| $g50b$                             | 53.9        | -29.04  | -21.87  | 36.36        | 217          | $l87c$  |  |
| $g75b$                             | 49.44       | -15.51  | -32.31  | 35.84        | 244          | $c20v$  |  |
| $b00r$                             | 41.36       | 1.15    | -37.95  | 37.97        | 272          | $c53v$  |  |
| $b25r$                             | 28.74       | 27.19   | -46.77  | 54.1         | 300          | $c87v$  |  |
| $b50r$                             | 33.74       | 61.97   | -37.81  | 72.59        | 329          | $v68m$  |  |
| $b75r$                             | 40.08       | 64.26   | -3.32   | 64.35        | 357          | $m33o$  |  |



%Umfang  
 $u^*_{rel} = 88$   
%Regularität  
 $g^*_{H,rel} = 31$   
 $g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| Name                               | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $O_{Ma}$                           | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| $Y_{Ma}$                           | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| $L_{Ma}$                           | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| $C_{Ma}$                           | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| $V_{Ma}$                           | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| $M_{Ma}$                           | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| $N_{Ma}$                           | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$                           | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$                          | 39.92       | 58.74   | 27.99   | 65.07        | 92           |
| $J_{CIE}$                          | 81.26       | -2.89   | 71.56   | 71.62        | 95           |
| $G_{CIE}$                          | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| $B_{CIE}$                          | 30.57       | 1.41    | -46.47  | 46.49        | 272          |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

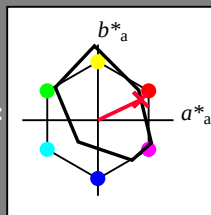
Bunttontexte:

$u_e^* = r00j$   $u_d^* = m81o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 57 27

$LAB^*LCH^*_{Ma}$ : 39 63 25

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.0 0.18

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

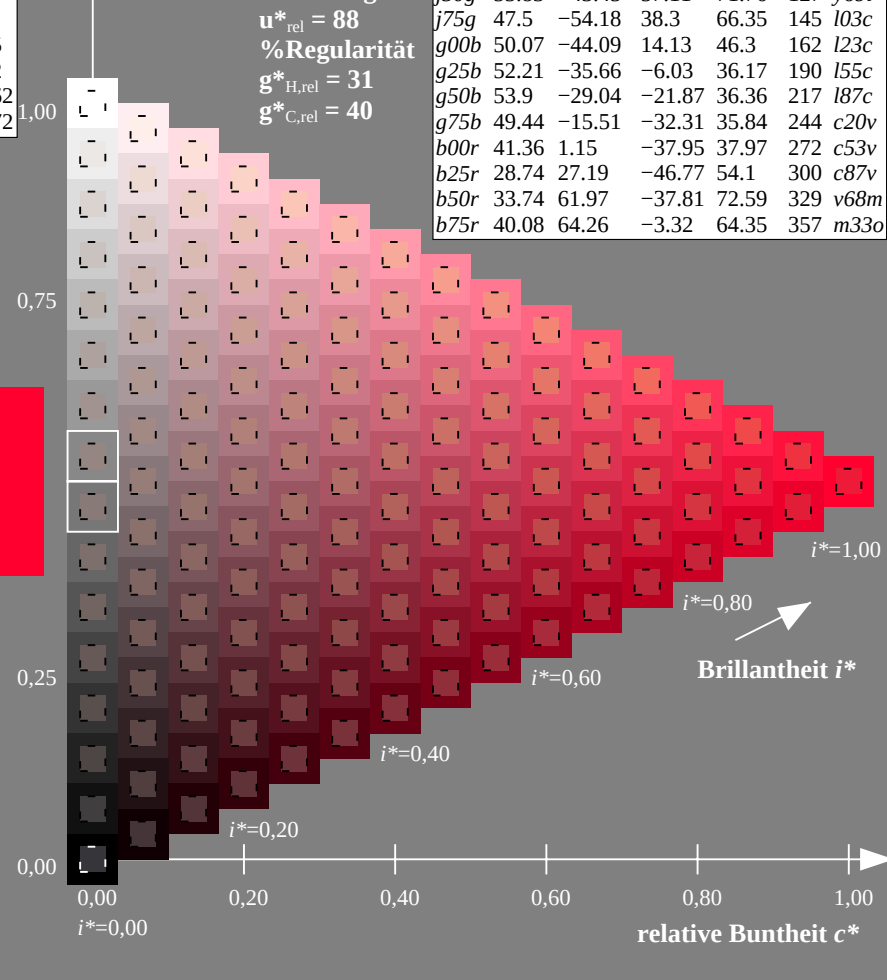
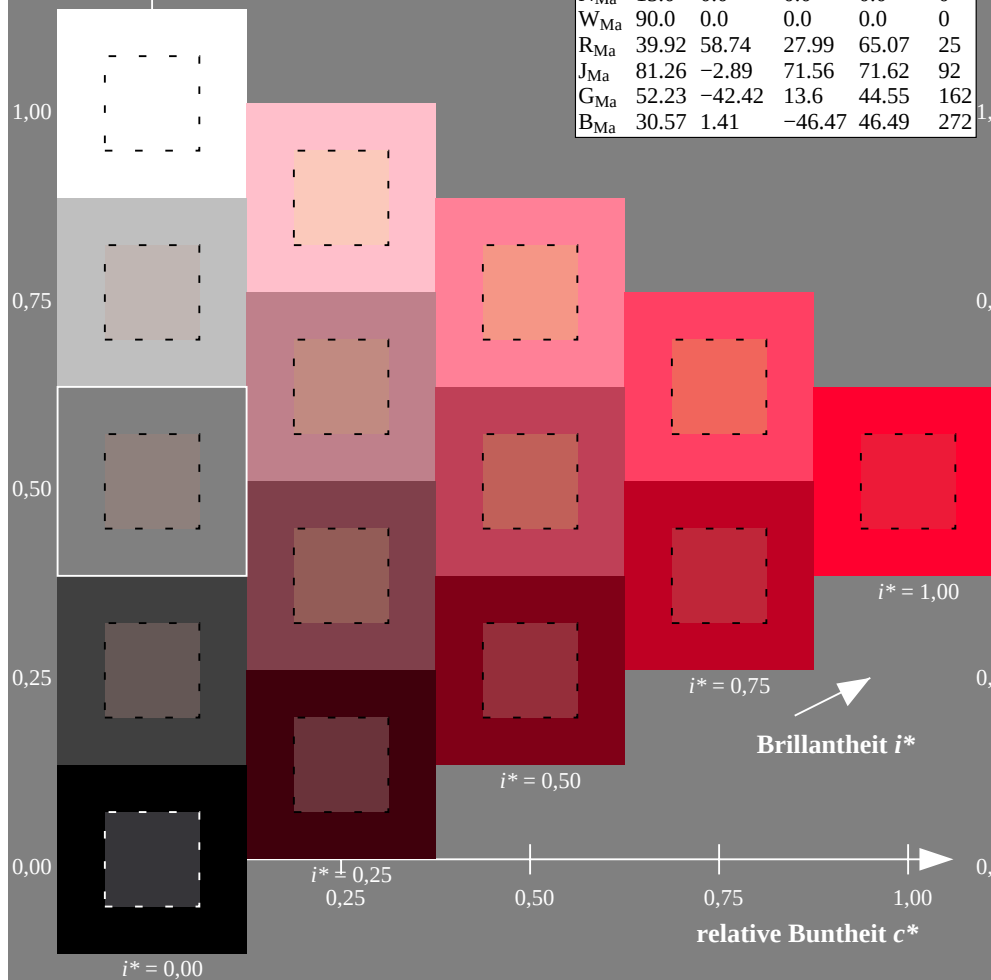
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u_d^*$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           |              | m81o    |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           |              | o10y    |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           |              | o40y    |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           |              | o69y    |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           |              | o98y    |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          |              | y34l    |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          |              | y69l    |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          |              | i03c    |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          |              | i23c    |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          |              | i55c    |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          |              | i87c    |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          |              | c20v    |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          |              | c53v    |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          |              | c87v    |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          |              | v68m    |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          |              | m33o    |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

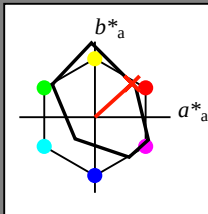
Bunttontexte:

$u_e^* = r25j$   $u_d^* = o10y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 49 44

$LAB^*LCH^*_{Ma}$ : 42 66 42

$lab^*rgb^*_{Ma}$ : 1.0 0.25 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

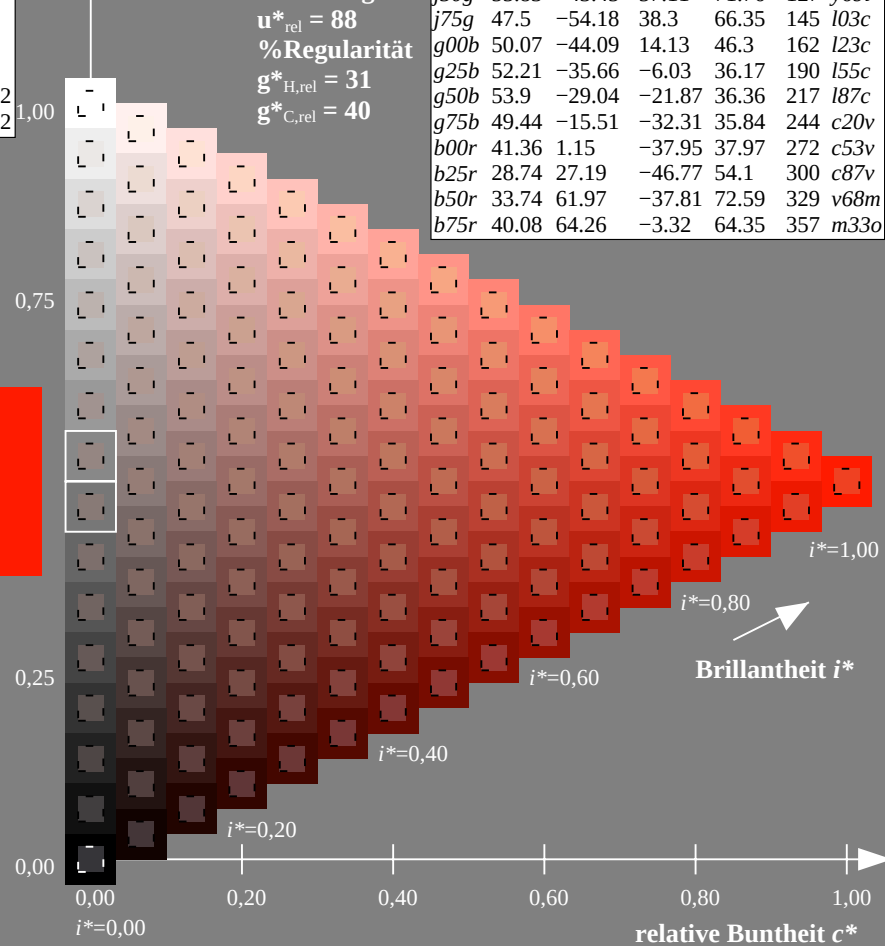
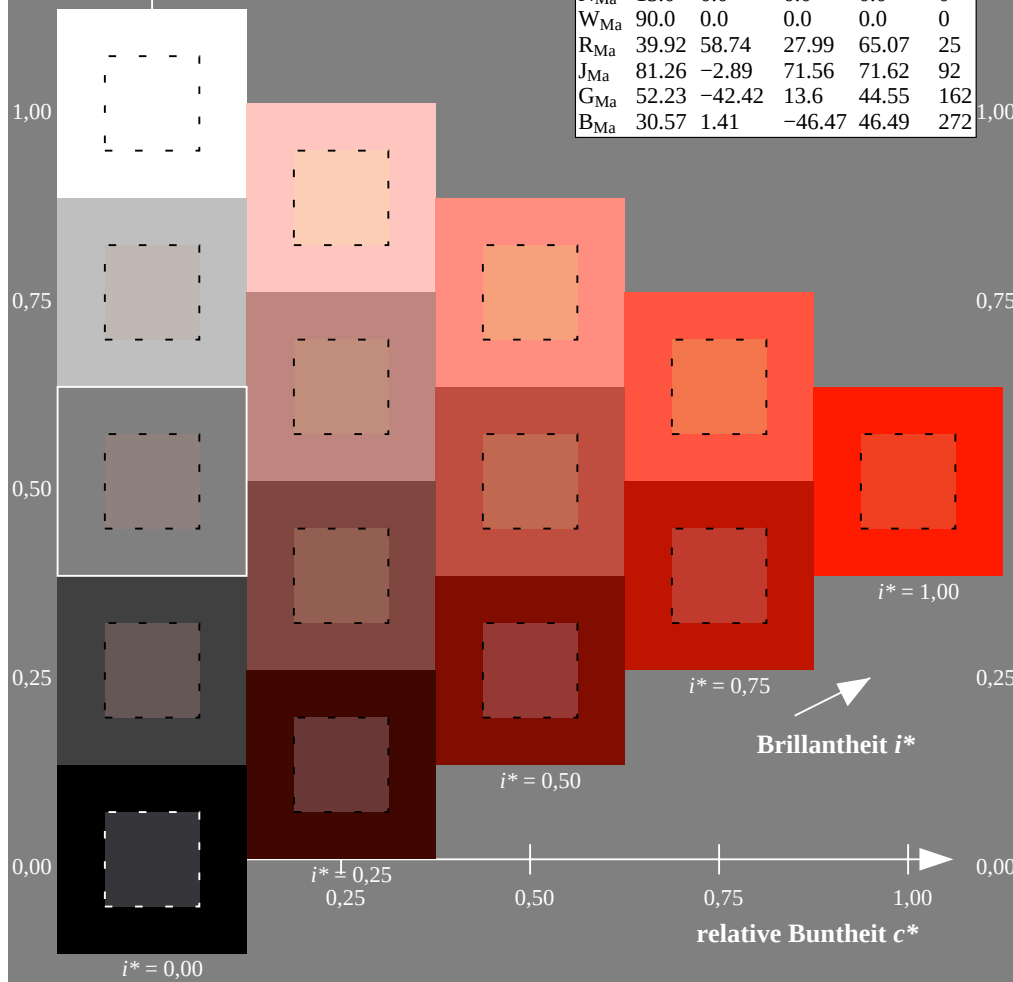
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u_d^*$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | i03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | i23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | i55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | i87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

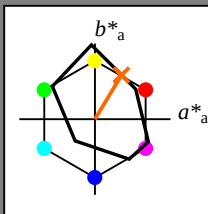
Bunttontexte:

$u_e^* = r50j$   $u_d^* = o40y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u_e^*$ | $L^*=L_a^*$ | $a^*$  | $b^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|--------|-------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68  | 66.95 | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22  | 98.33 | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46  | 71.15 | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68 | 38.85 | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87 | 69.56 | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99 | 76.78 | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0    | 0.0   | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0    | 0.0   | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99  | 65.07 | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56  | 71.62 | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6   | 44.55 | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47 | 46.49 | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

$lab^*rgb^*_{Ma}$ : 1.0 0.5 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

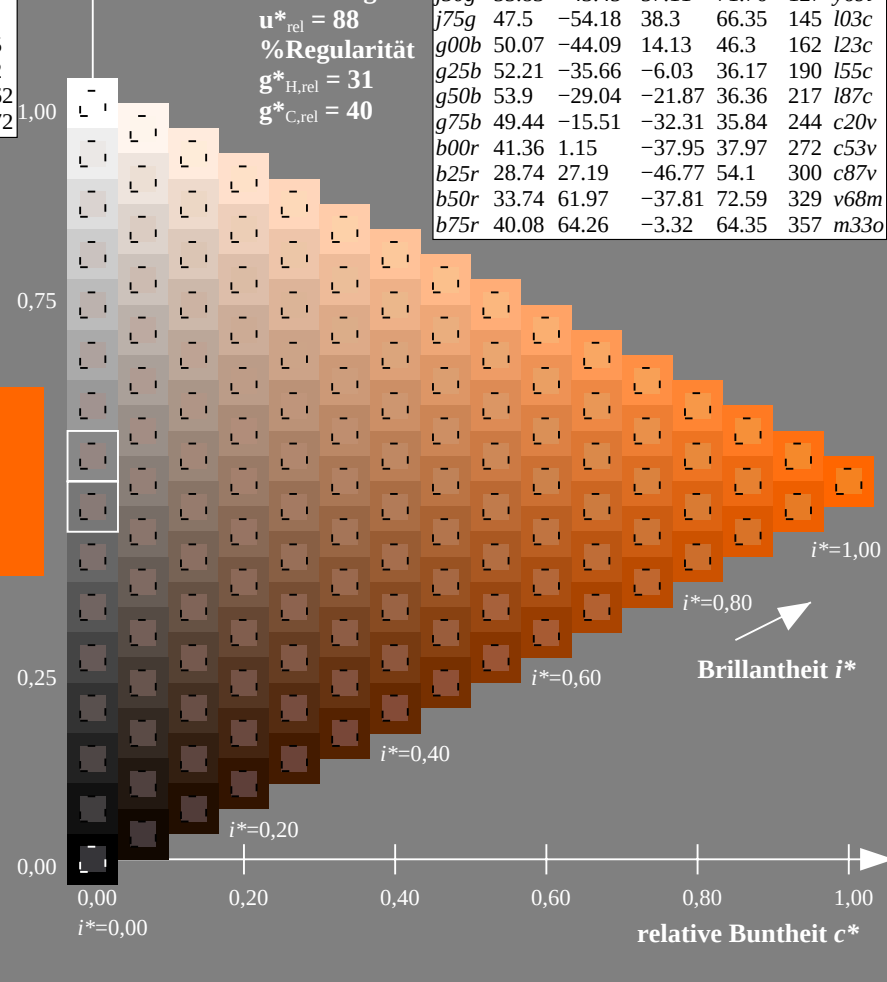
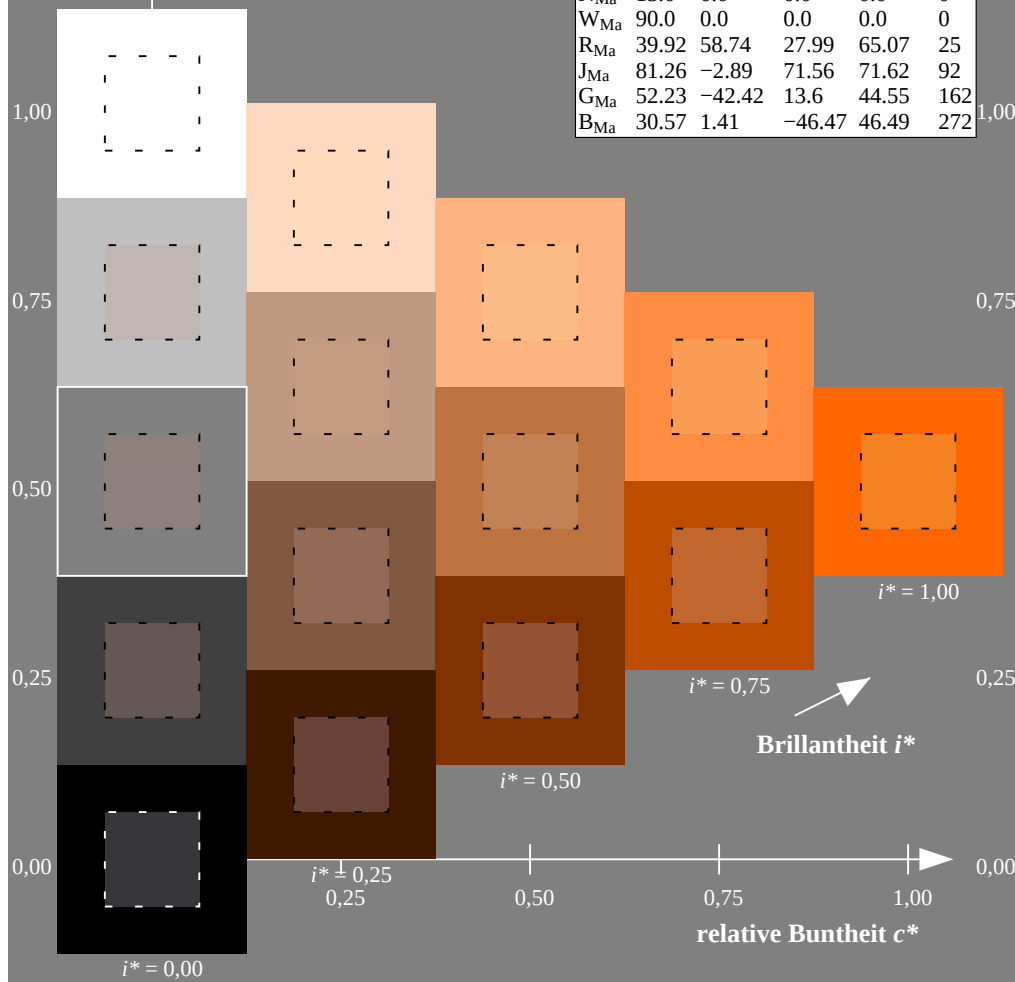
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u_e^*$ | $L^*=L_a^*$ | $a^*$  | $b^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u_d^*$ |
|------|---------|-------------|--------|-------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13  | 63.07 | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5   | 66.26 | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37  | 68.17 | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47  | 76.89 | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52  | 97.6  | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67  | 79.36 | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11  | 71.76 | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3   | 66.35 | 145          | i03c         |         |
| g00b | 50.07   | -44.09      | 14.13  | 46.3  | 162          | i23c         |         |
| g25b | 52.21   | -35.66      | -6.03  | 36.17 | 190          | i55c         |         |
| g50b | 53.9    | -29.04      | -21.87 | 36.36 | 217          | i87c         |         |
| g75b | 49.44   | -15.51      | -32.31 | 35.84 | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95 | 37.97 | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77 | 54.1  | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81 | 72.59 | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32  | 64.35 | 357          | m33o         |         |





Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

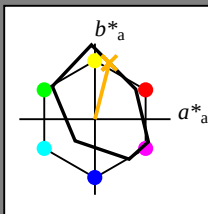
Bunttontexte:

$u_e^* = r75j$   $u_d^* = o69y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 65 19 74

$LAB^*LCH^*Ma$ : 65 77 75

$lab^*rgb^*Ma$ : 1.0 0.75 0.0

$lab^*olv^*Ma$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

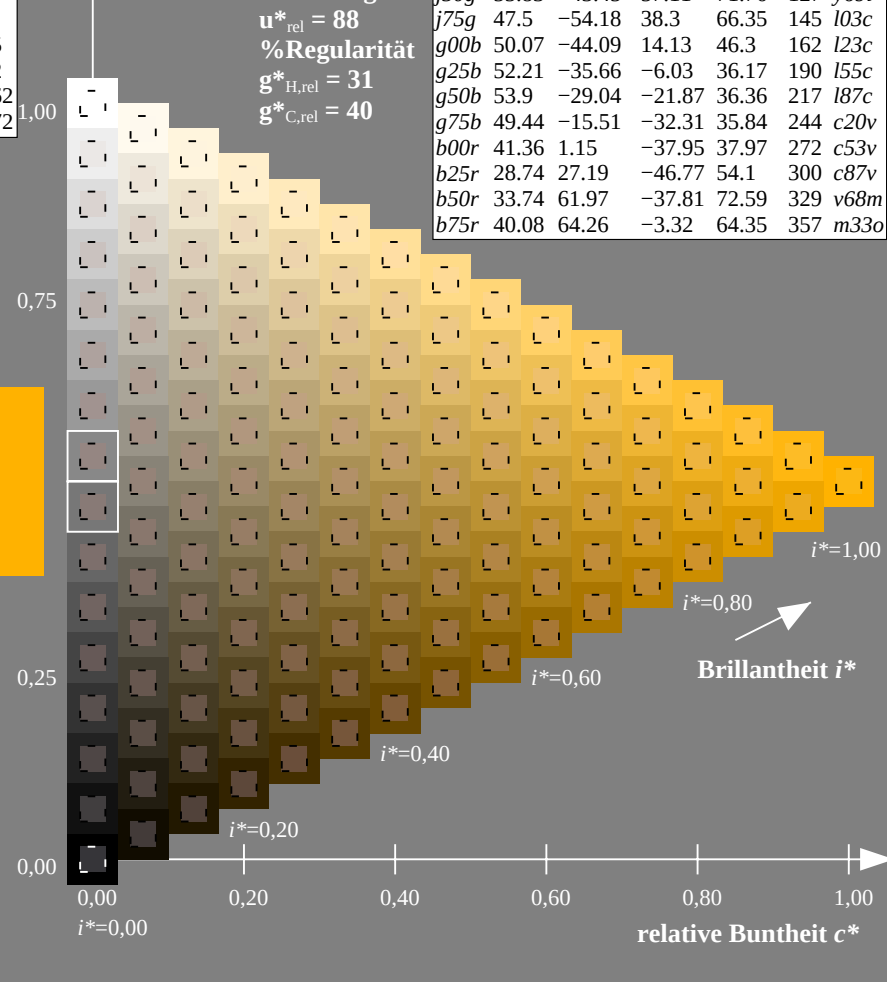
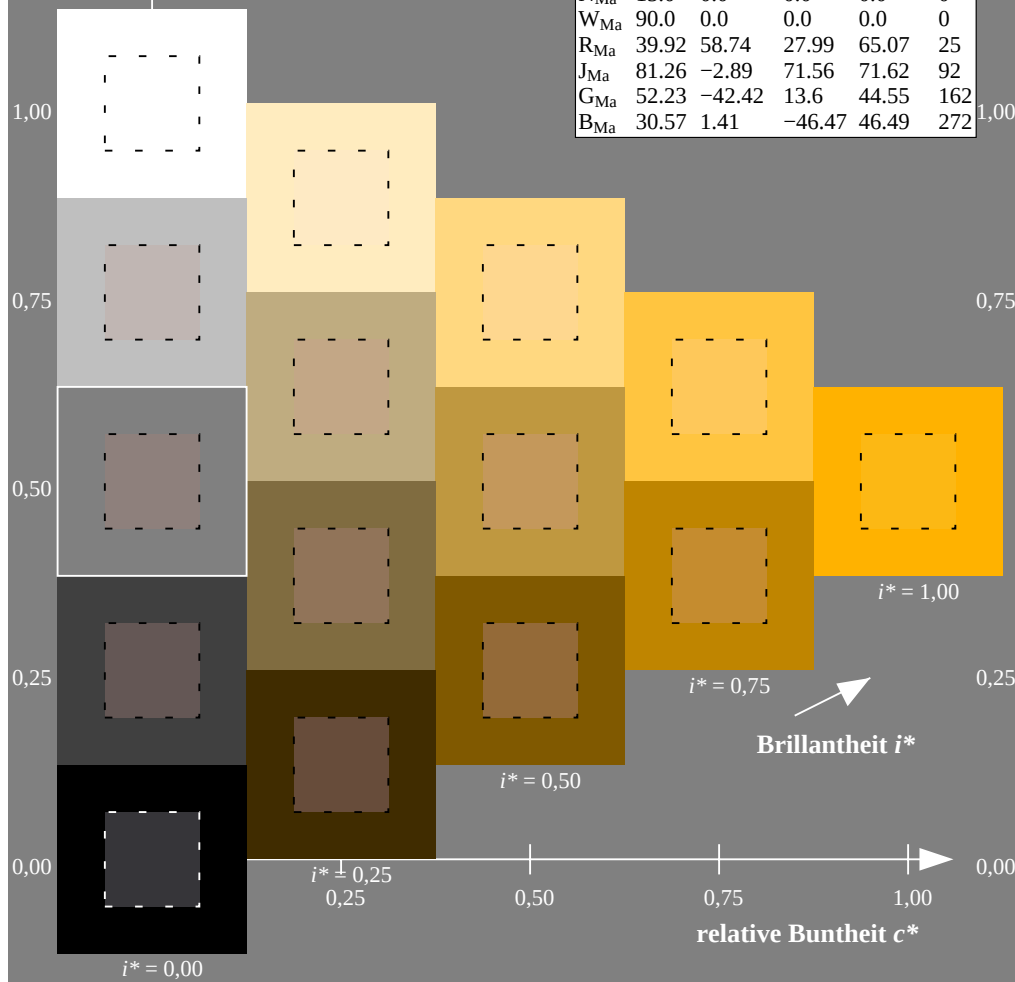
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | i03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | i23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | i55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | i87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

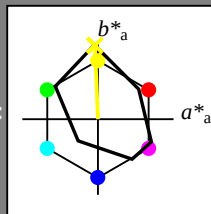
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 82 -4 98

$LAB^*LCH^*_{Ma}$ : 82 98 92

$lab^*rgb^*_{Ma}$ : 1.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.99 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

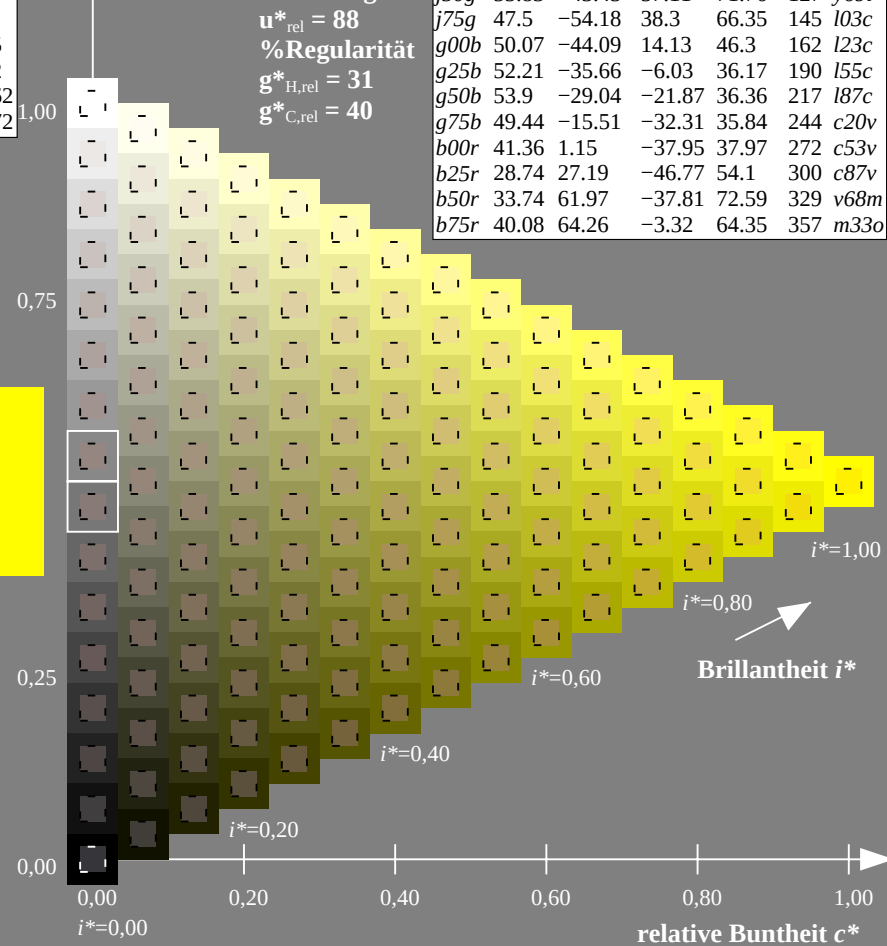
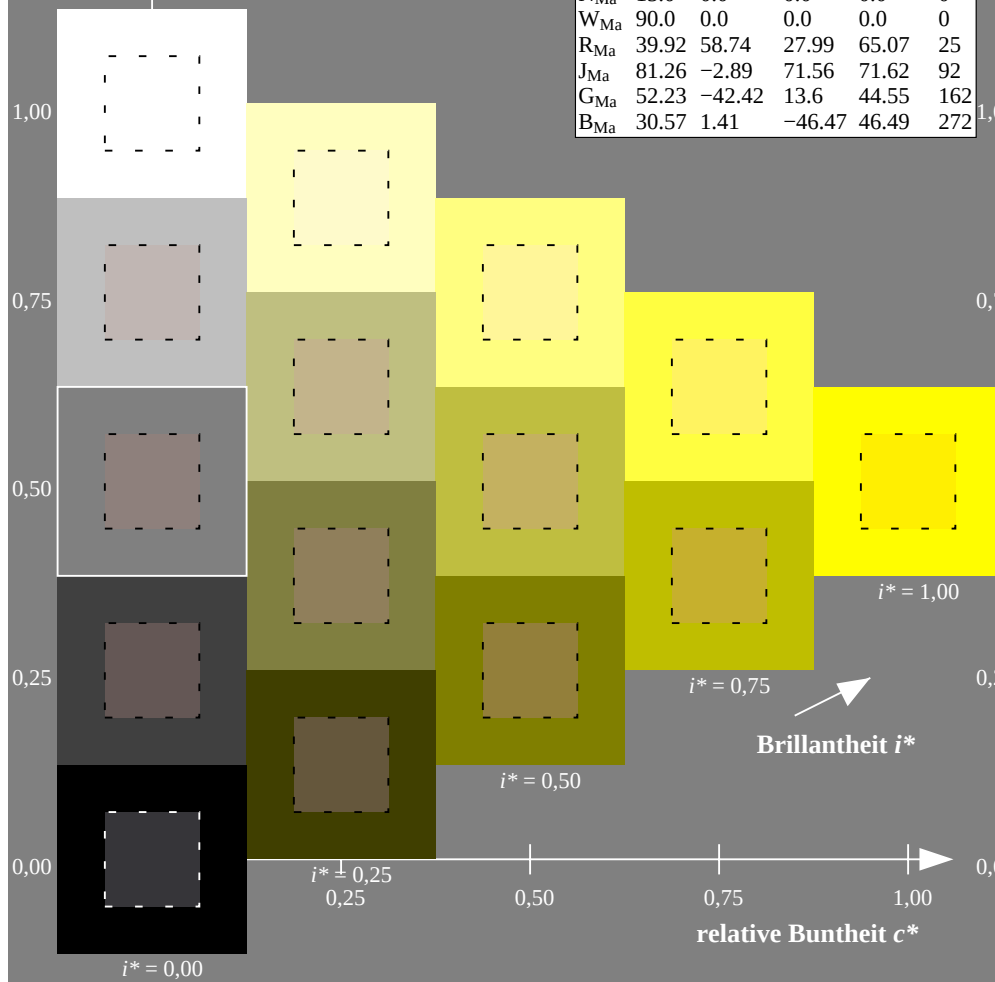
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | i03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | i23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | i55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | i87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

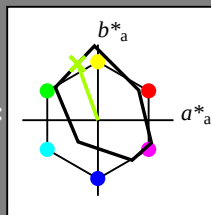
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -27 75

$LAB^*LCH^*_{Ma}$ : 67 79 109

$lab^*rgb^*_{Ma}$ : 0.75 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.66 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

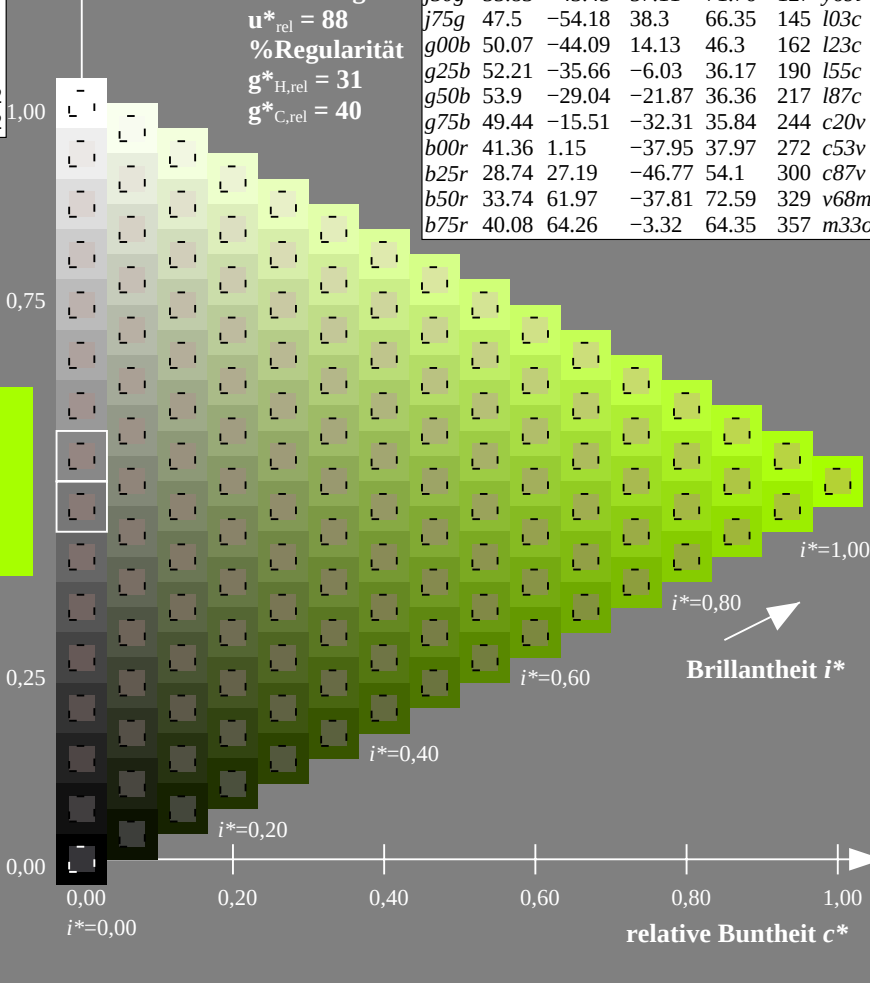
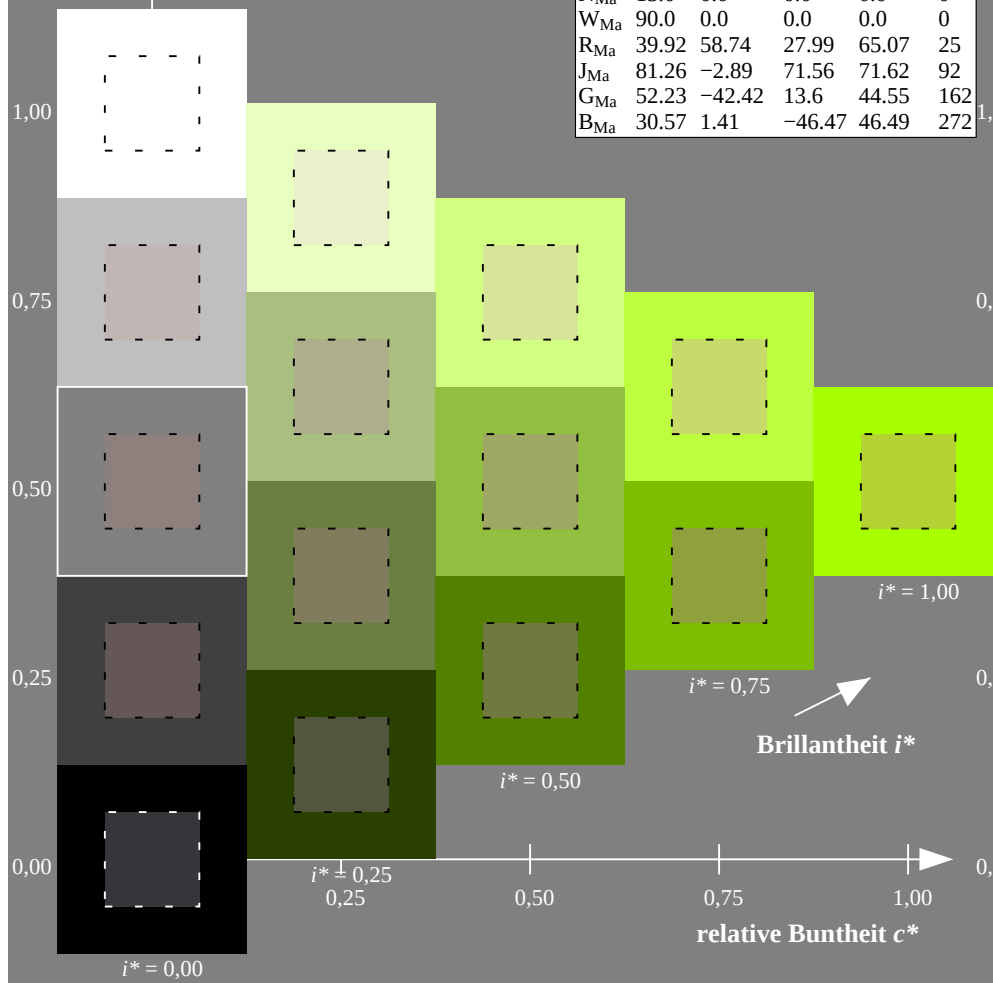
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | i03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | i23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | i55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | i87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

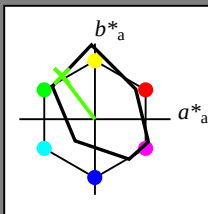
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 56 -43 57

$LAB^*LCH^*_{Ma}$ : 56 72 127

$lab^*rgb^*_{Ma}$ : 0.5 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

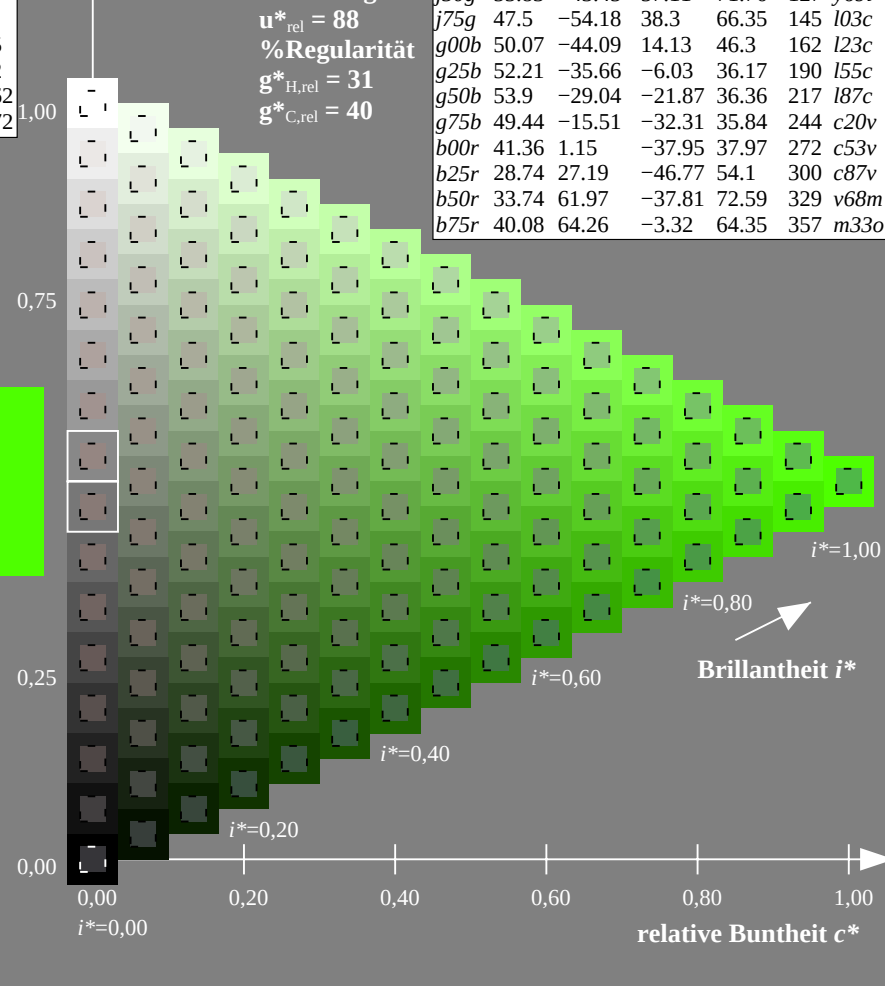
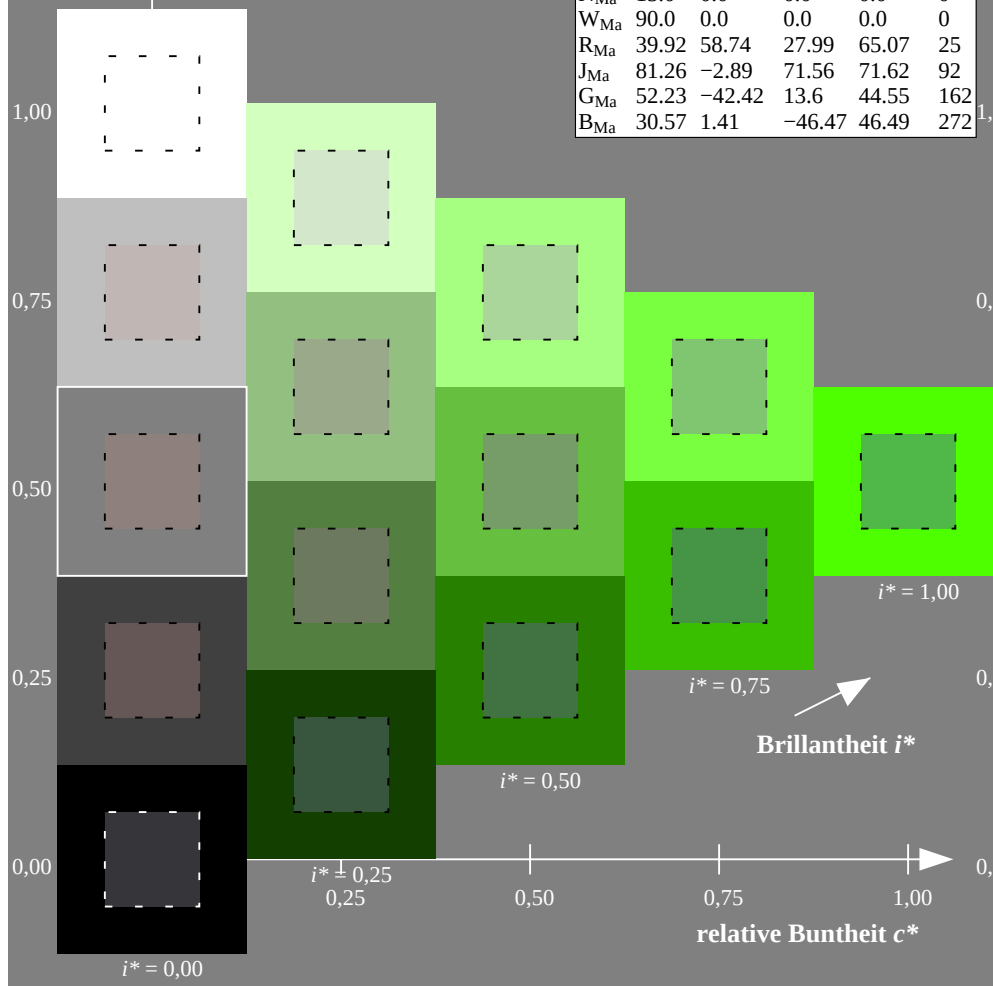
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | i03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | i23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | i55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | i87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

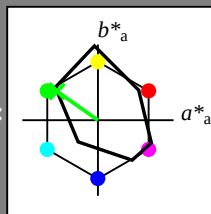
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

$lab^*rgb^*_{Ma}$ : 0.25 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

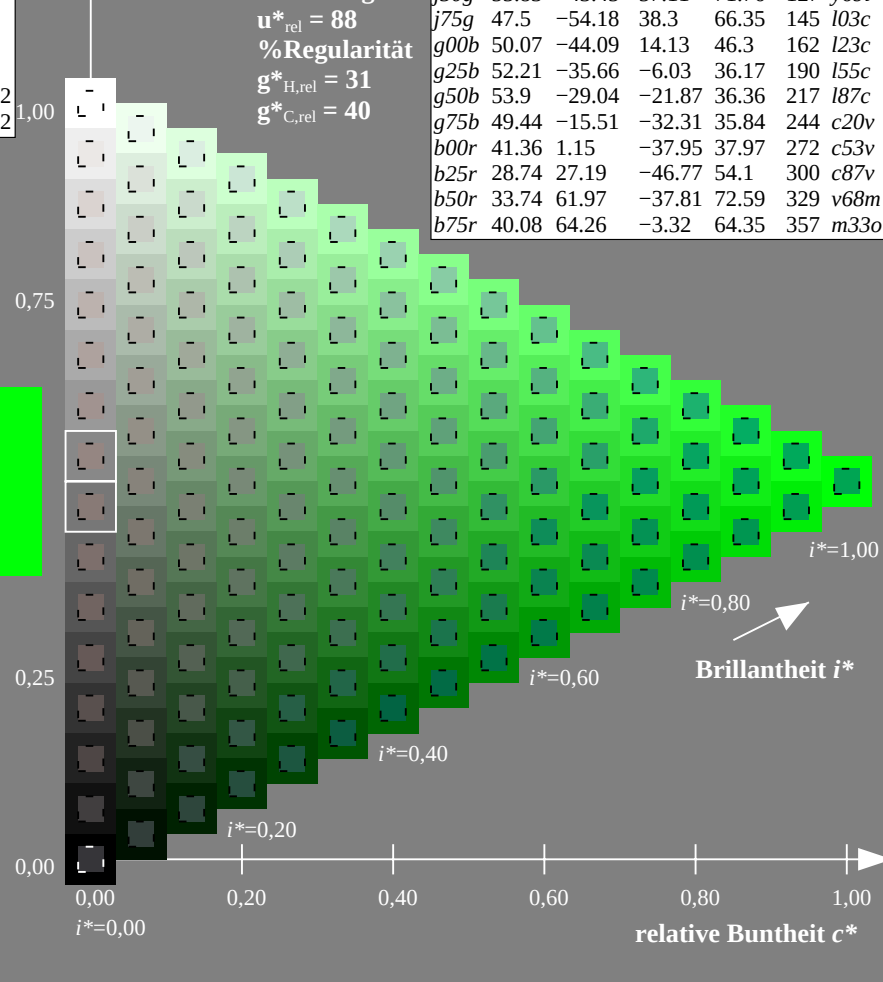
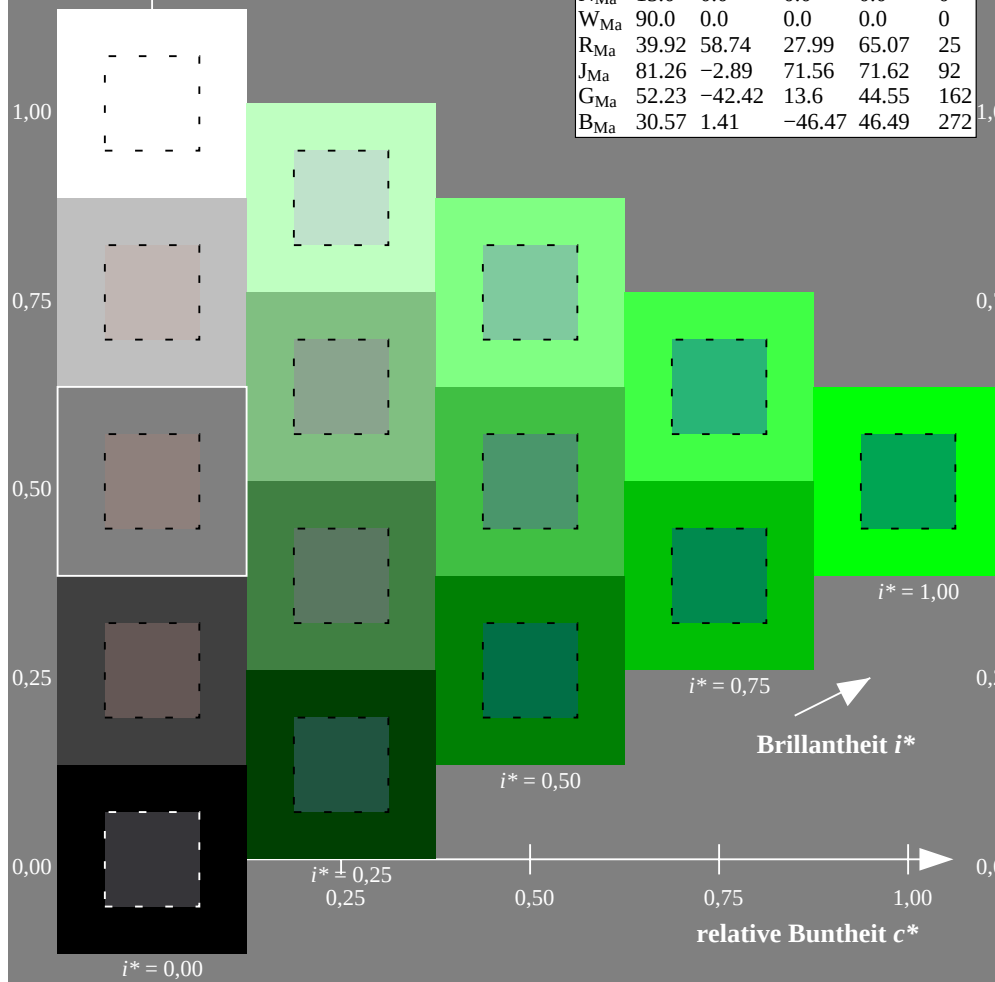
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | i03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | i23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | i55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | i87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

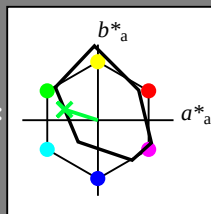
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -44 14

$LAB^*LCH^*_{Ma}$ : 50 46 162

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

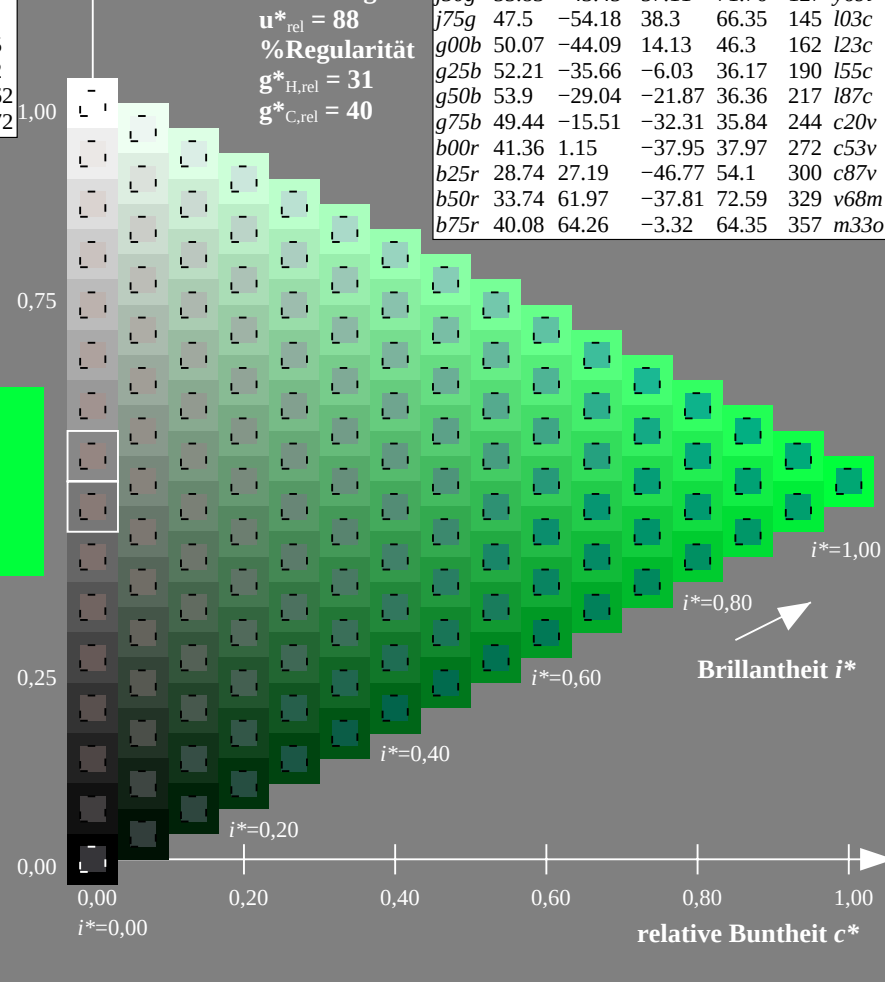
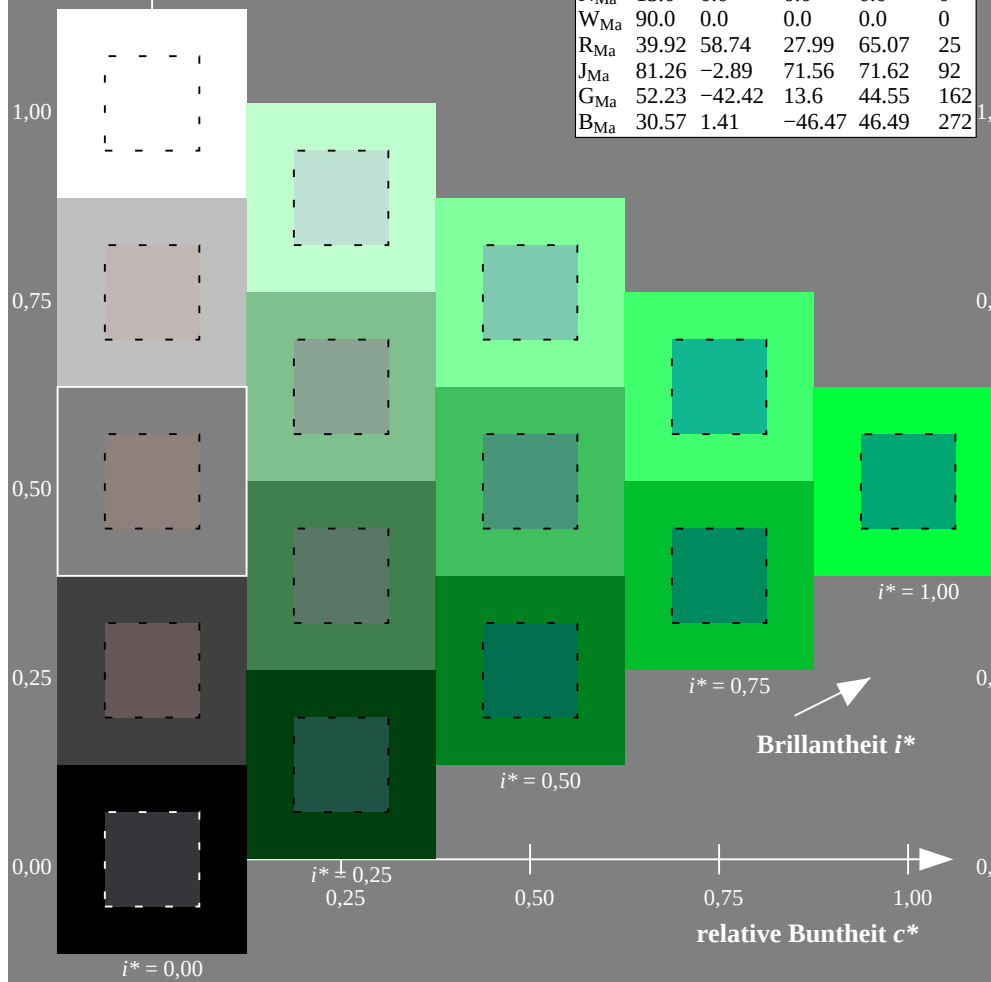
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |





Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

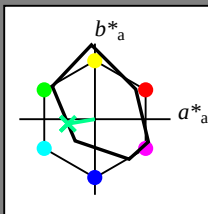
Bunttontexte:

$u_e^* = g25b$   $u_d^* = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$         | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 52 -36 -6

$LAB^*LCH^*Ma$ : 52 36 189

$lab^*rgb^*Ma$ : 0.0 1.0 0.5

$lab^*olv^*Ma$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

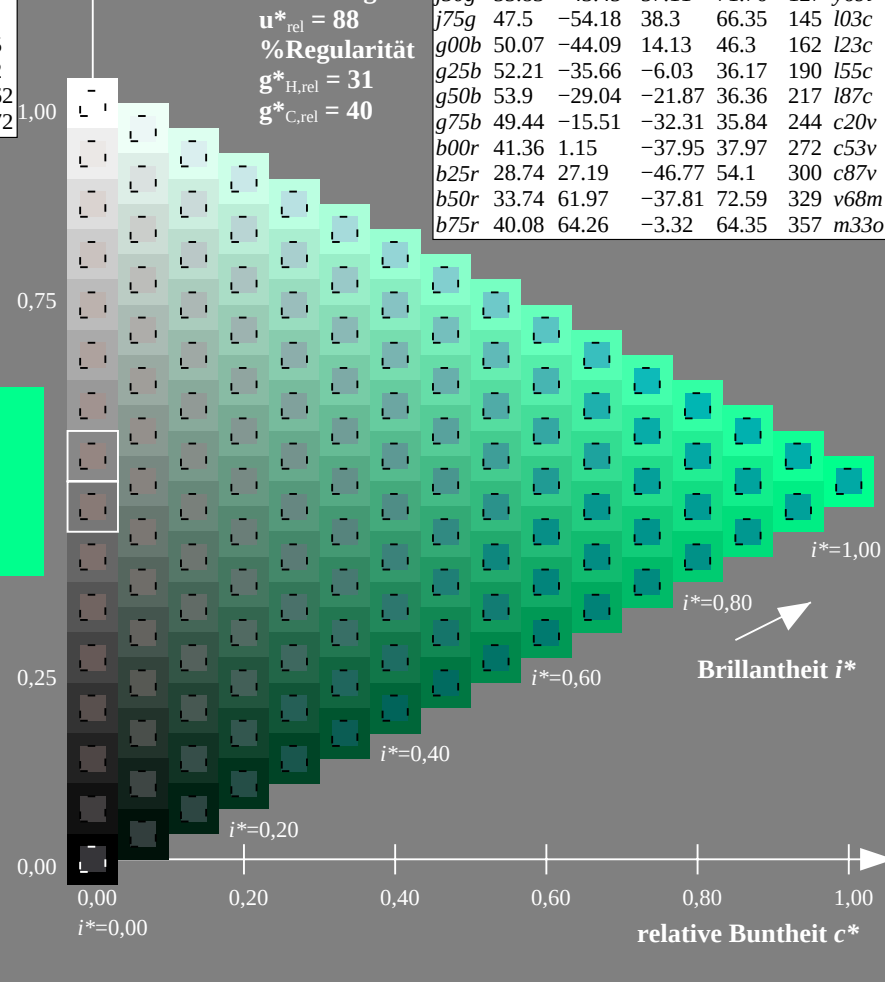
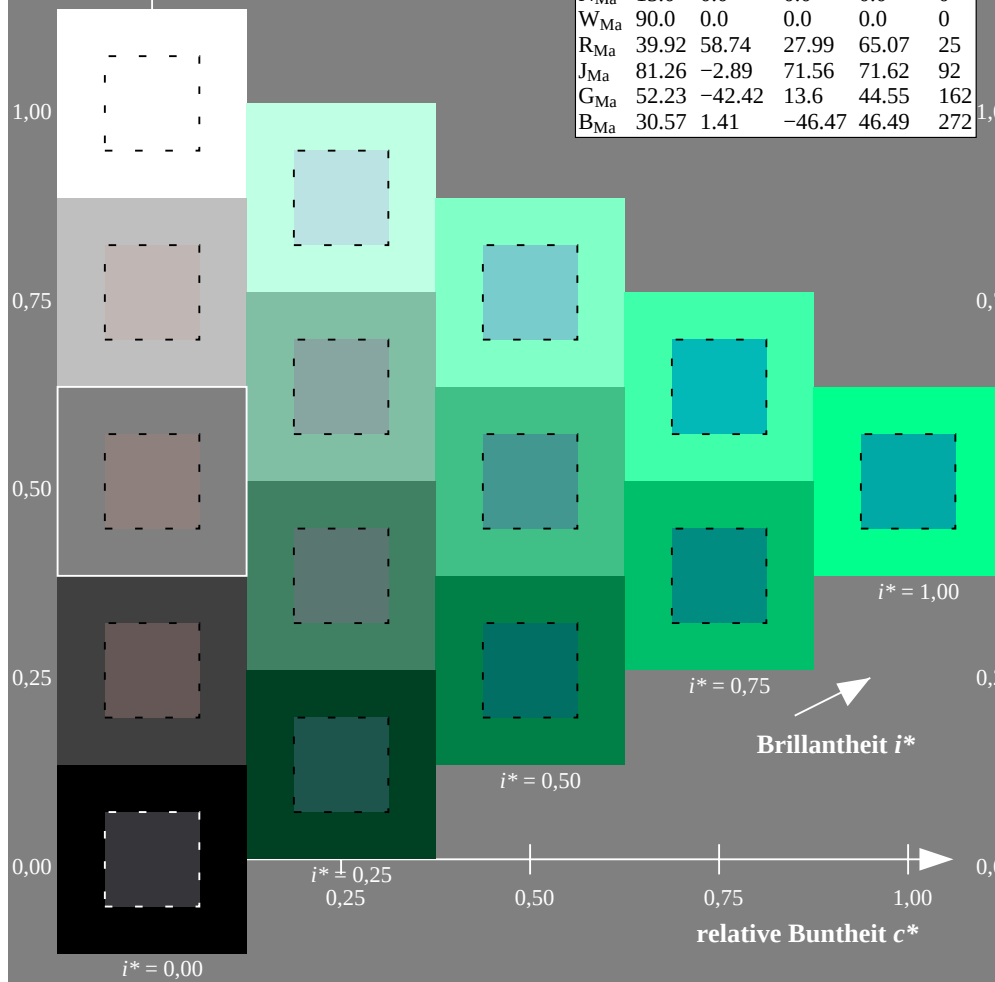
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

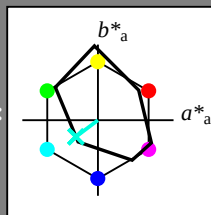
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

$lab^*rgb^*_{Ma}$ : 0.0 1.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

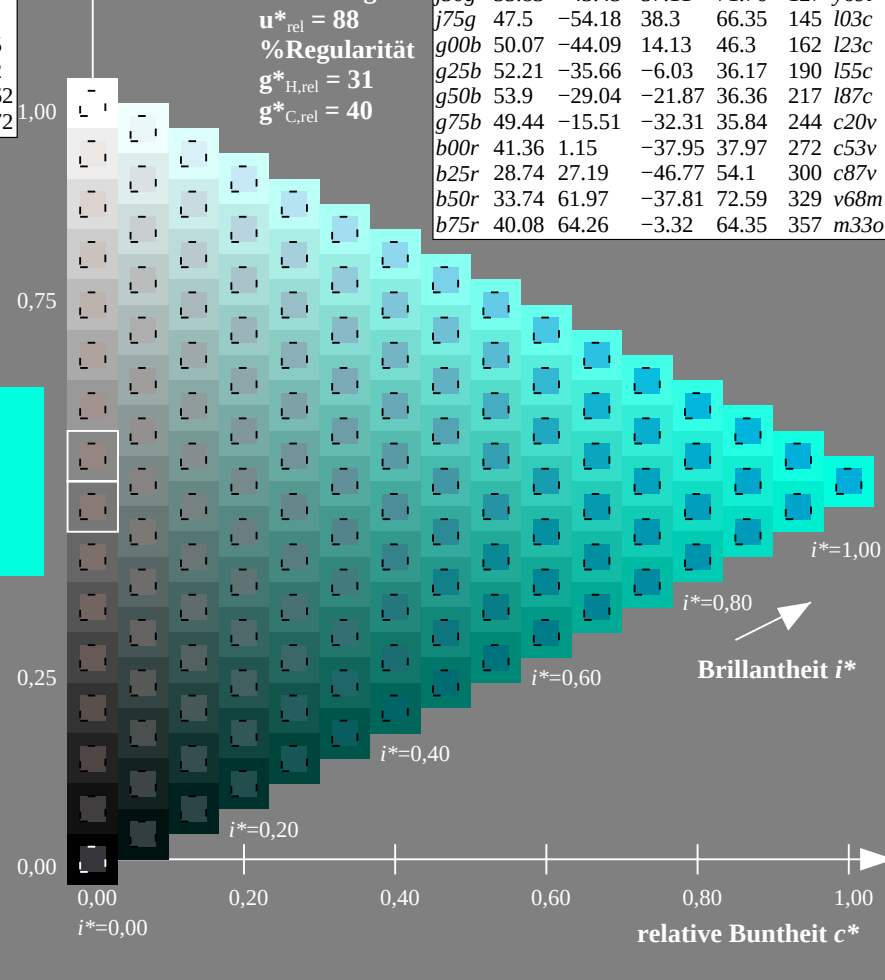
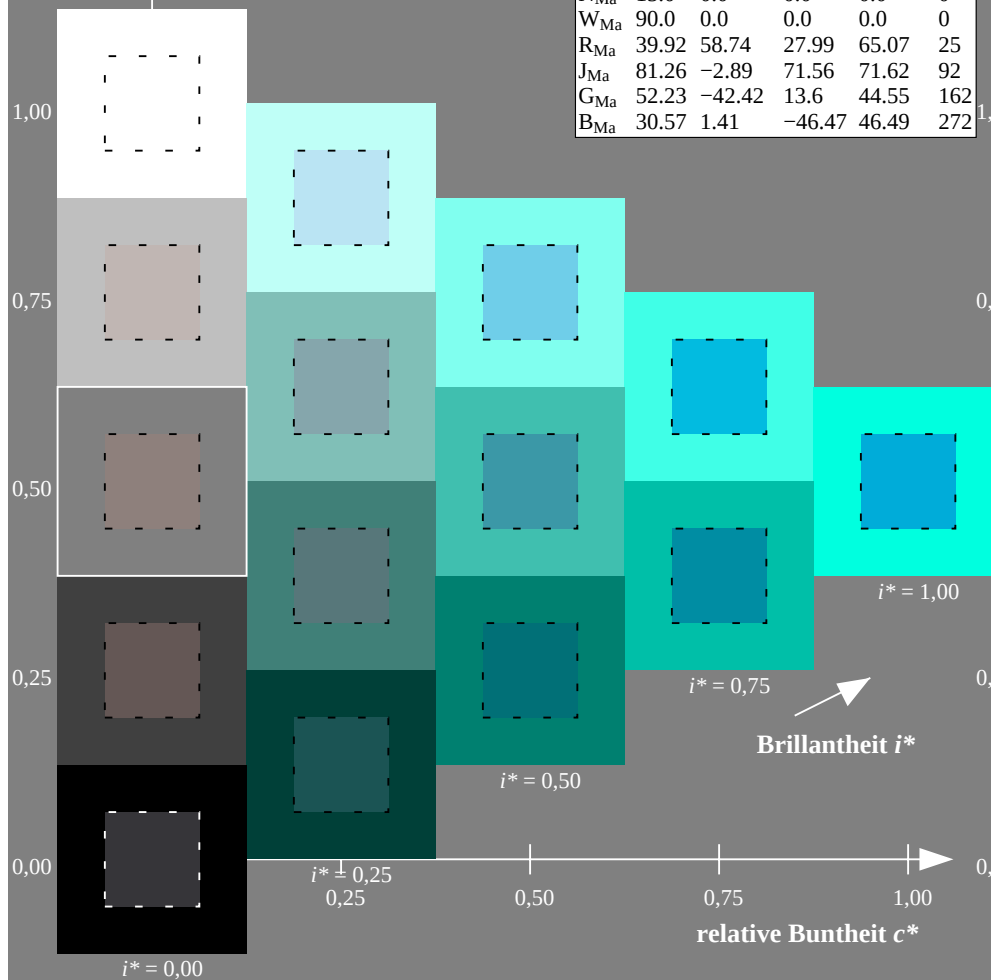
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

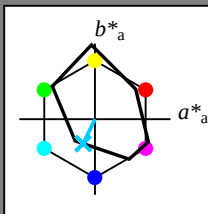
Bunttontexte:

$u_e^* = g75b$   $u_d^* = c20v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$         | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 49 -16 -32

$LAB^*LCH^*Ma$ : 49 36 244

$lab^*rgb^*Ma$ : 0.0 0.5 1.0

$lab^*olv^*Ma$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

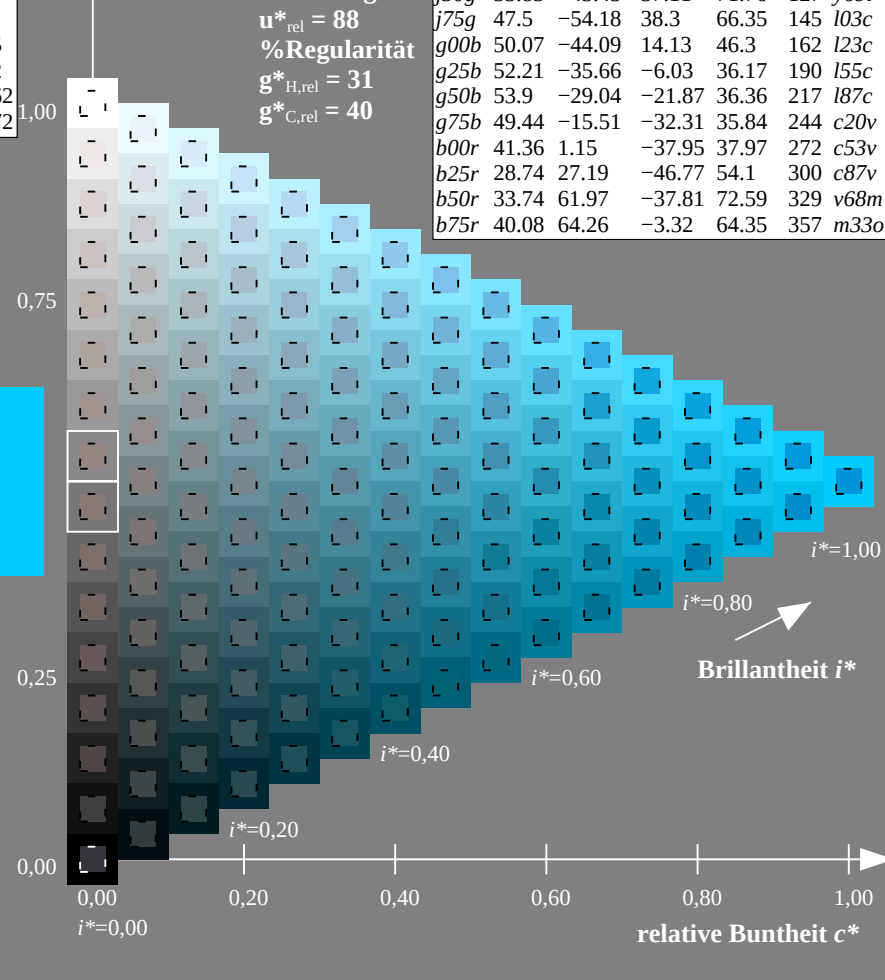
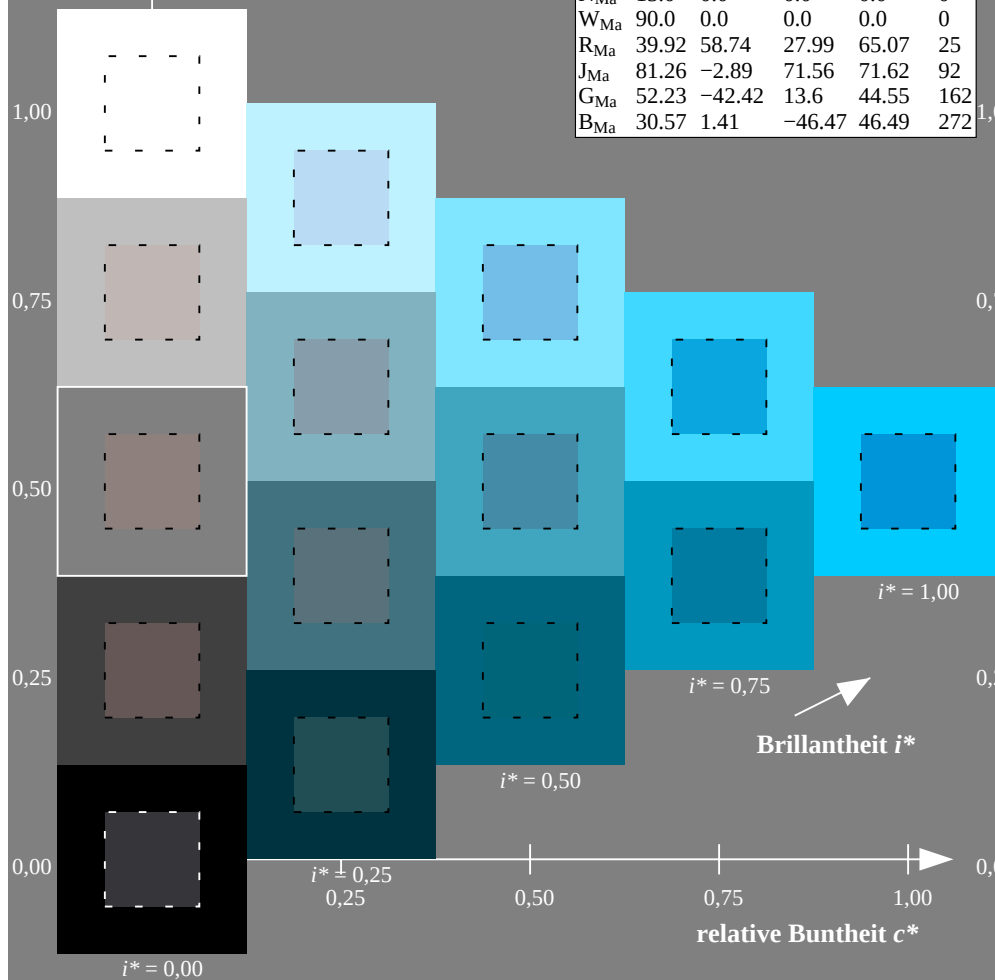
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

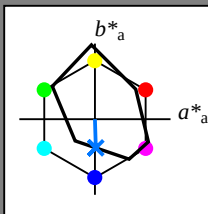
Bunttontexte:

$u_e^* = b00r$   $u_d^* = c53v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$         | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 41 1 -38

$LAB^*LCH^*Ma$ : 41 38 271

$lab^*rgb^*Ma$ : 0.0 0.0 1.0

$lab^*olv^*Ma$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

%Regularität

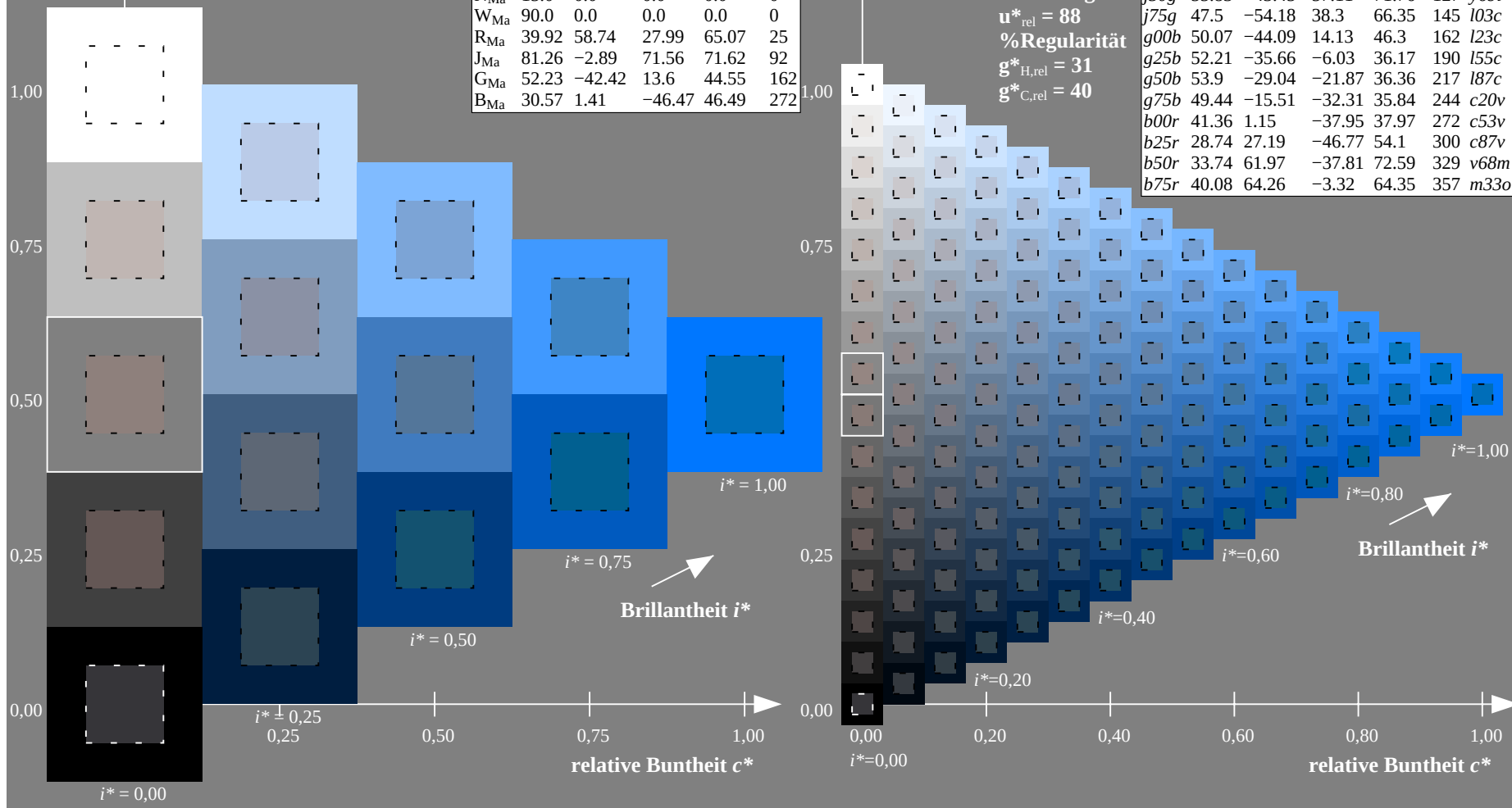
$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | i03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | i23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | i55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | i87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$u_e^* = b00r$



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

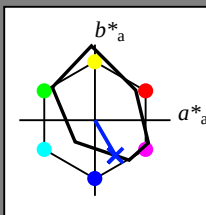
Bunttontexte:

$u_e^* = b25r$   $u_d^* = c87v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$         | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 29 27 -47

$LAB^*LCH^*Ma$ : 29 54 300

$lab^*rgb^*Ma$ : 0.5 0.0 1.0

$lab^*olv^*Ma$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

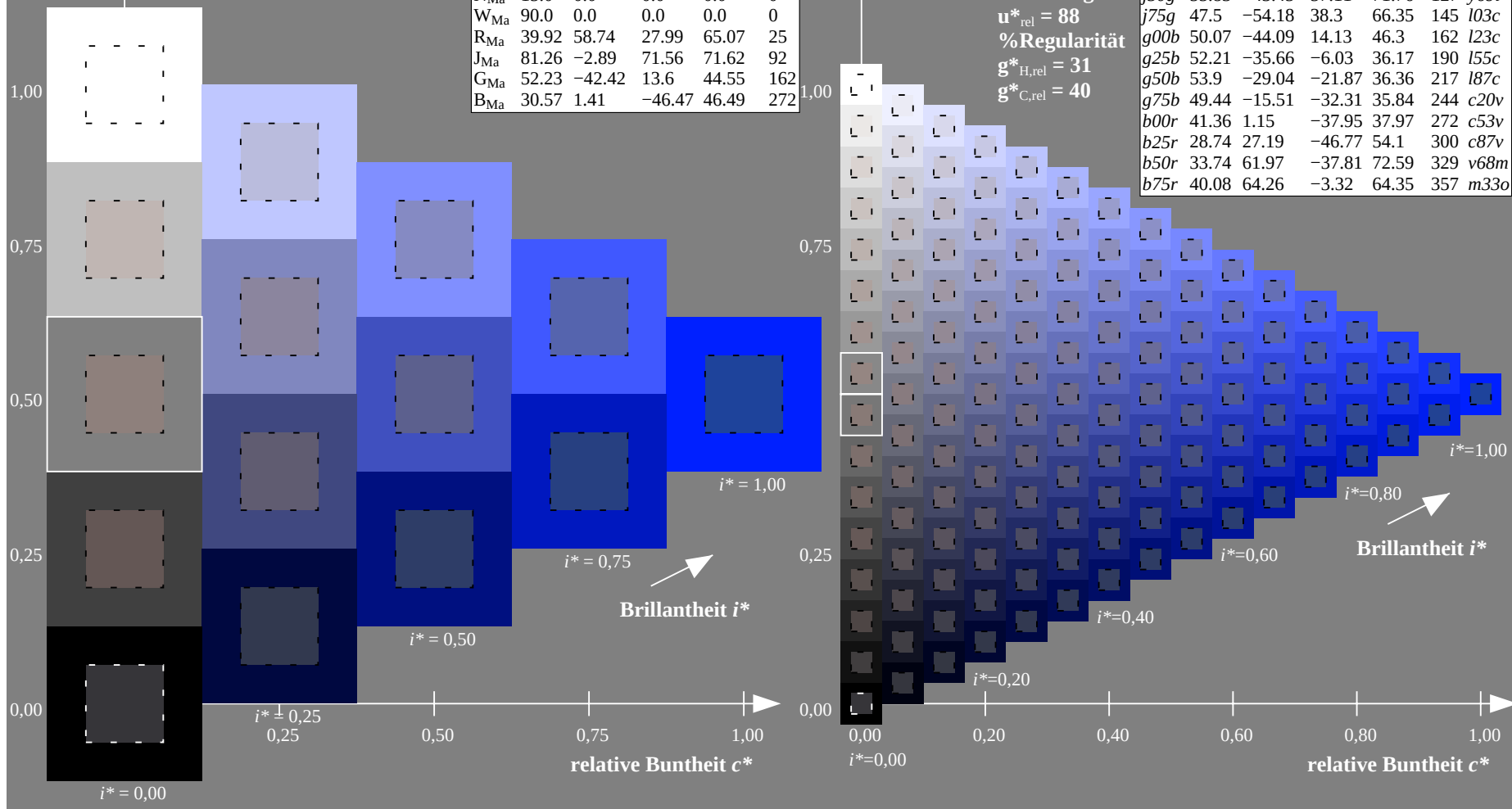
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | i03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | i23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | i55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | i87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

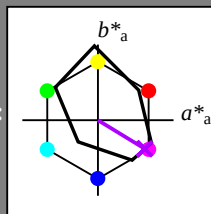
Bunttontexte:

$u_e^* = b50r$   $u_d^* = v68m$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$         | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 34 62 -38

$LAB^*LCH^*_{Ma}$ : 34 73 328

$lab^*rgb^*_{Ma}$ : 1.0 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

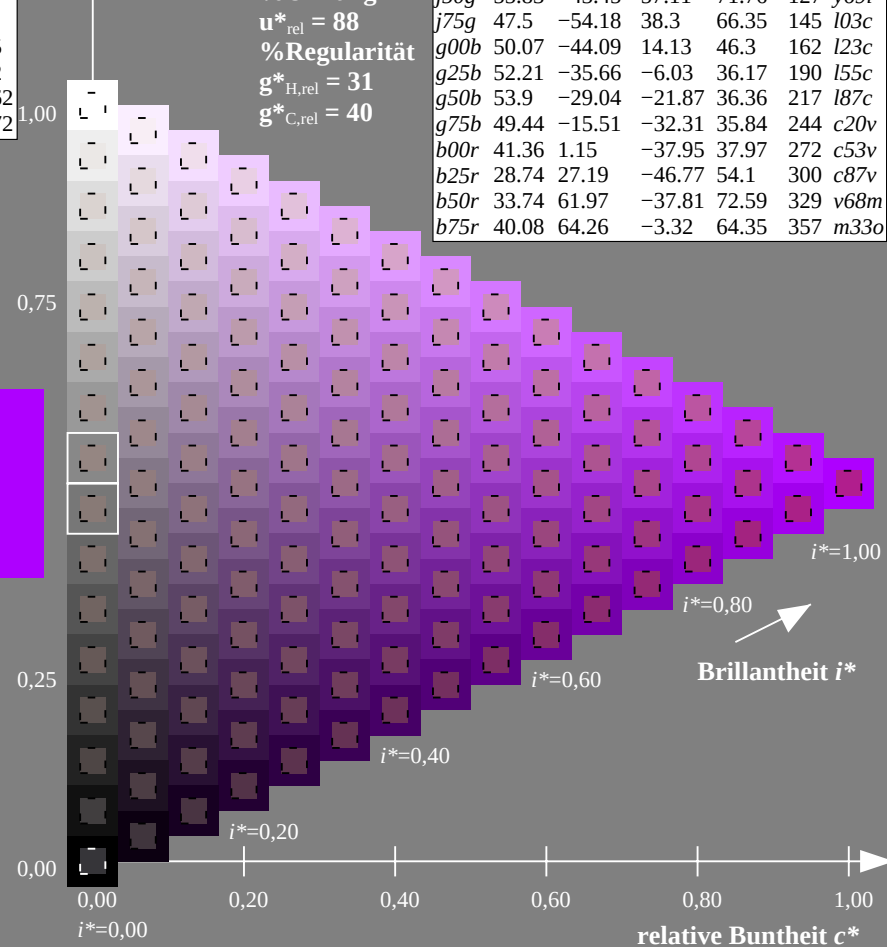
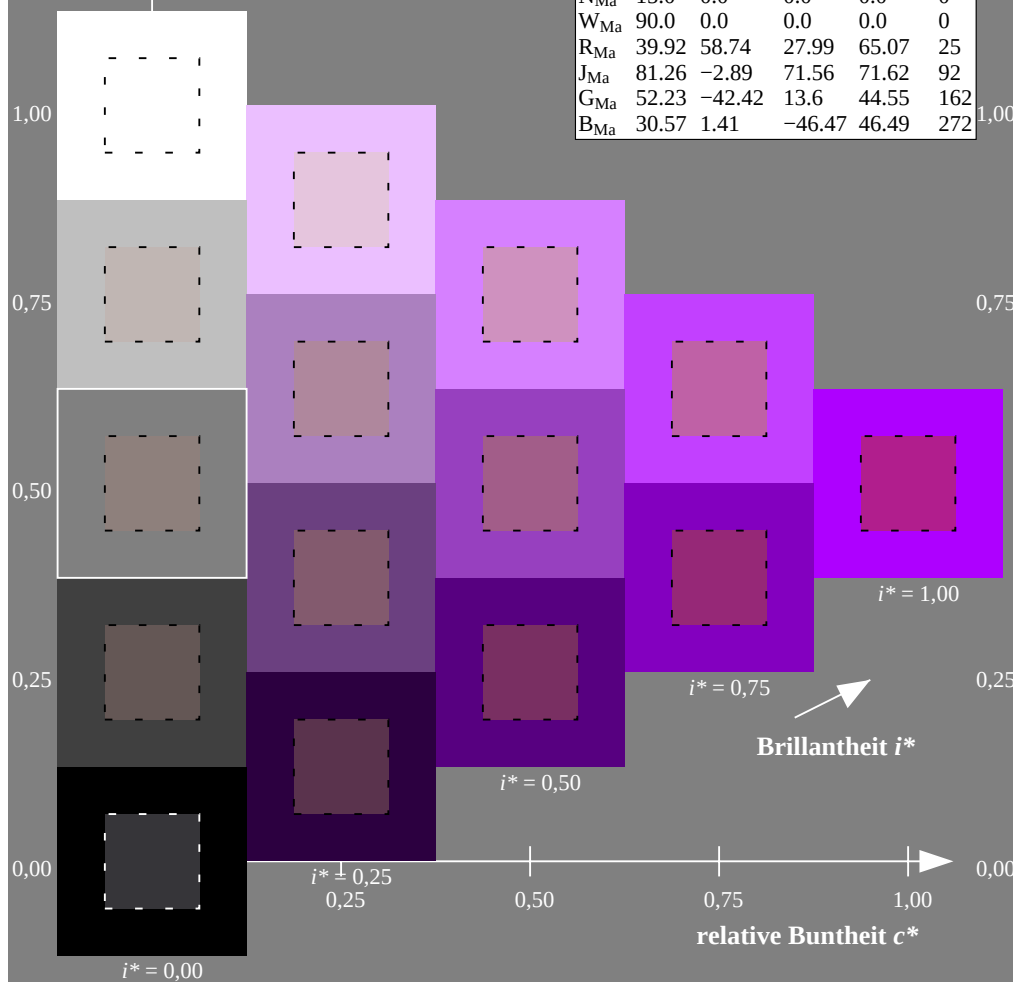
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | i03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | i23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | i55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | i87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |





Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

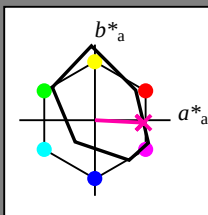
Bunttontexte:

$u_e^* = b75r$   $u_d^* = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 64 -3

$LAB^*LCH^*_{Ma}$ : 40 64 357

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.5

$lab^*olv^*_{Ma}$ : 1.0 0.0 0.66

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

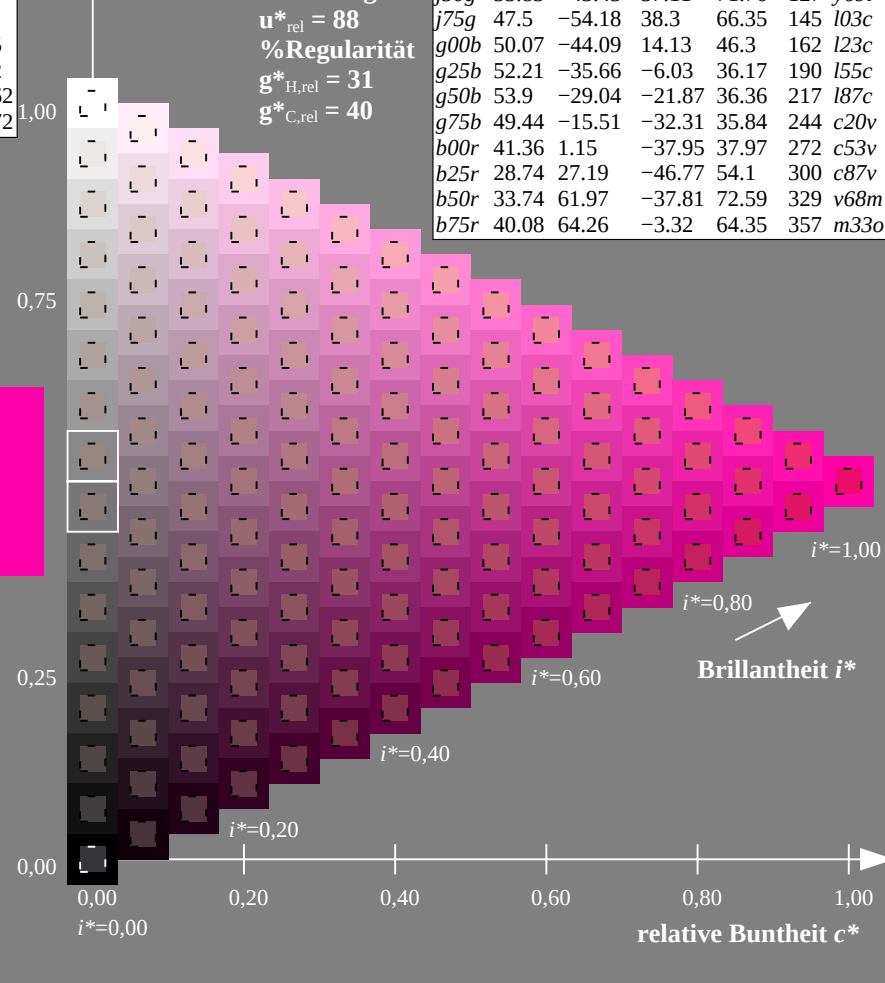
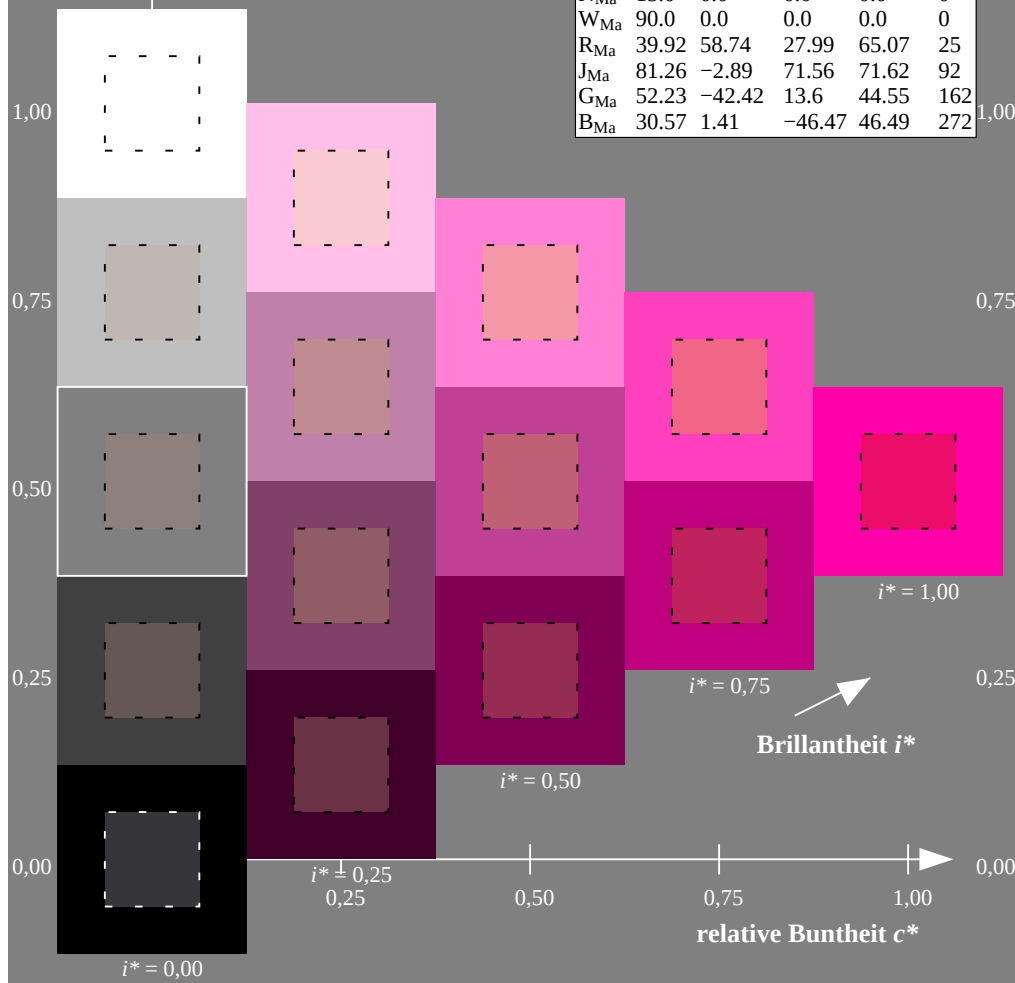
%Regularität

$g^*_{H,rel} = 31$

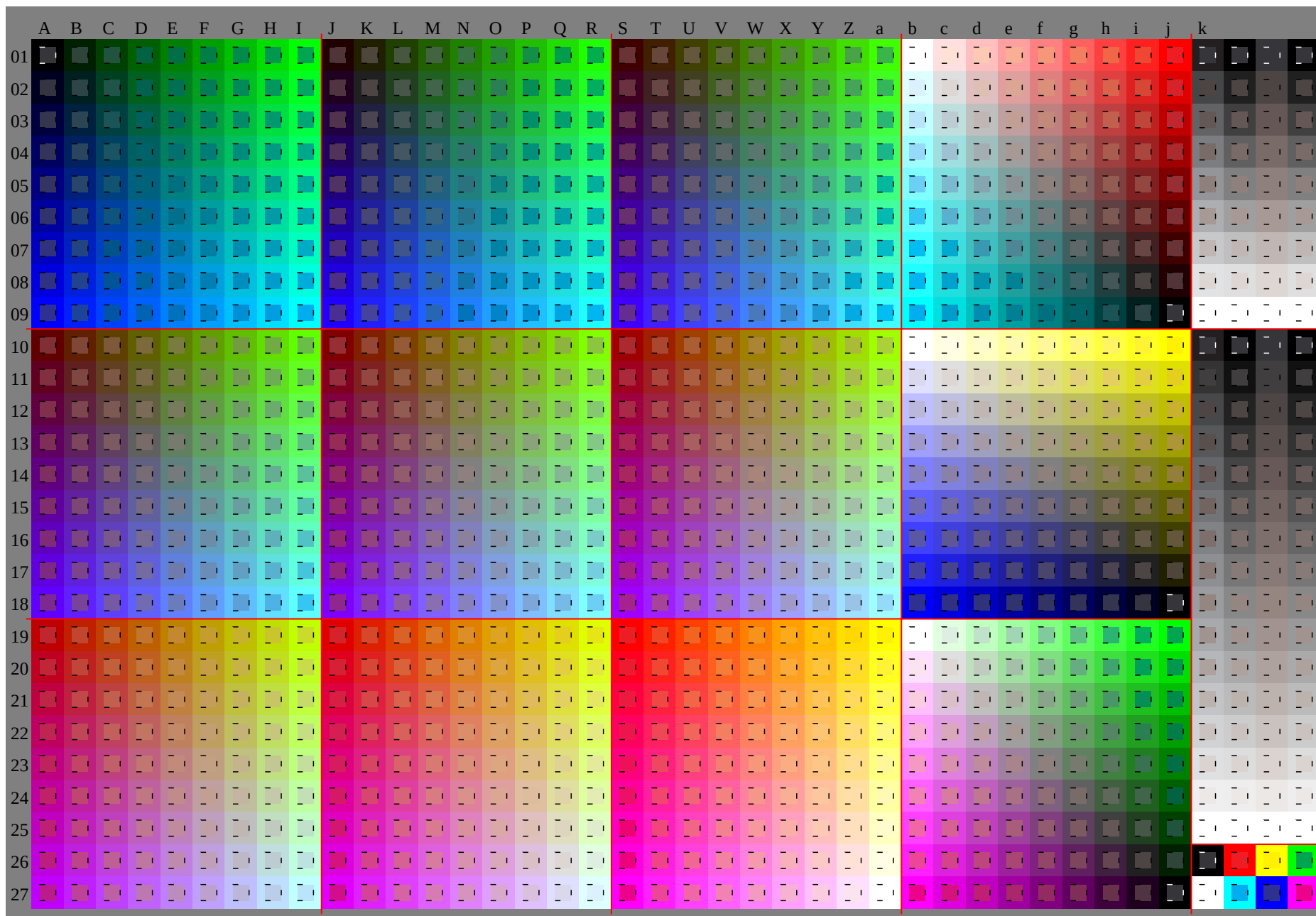
$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u_d^*$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | i03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | i23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | i55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | i87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11G00FP.PS/.PDF](http://www.ps.bam.de/Eg11G00FP.PS/.PDF) BAM-Material: Code=rha4ta  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpx=0



Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS15\_90a  
Daten für jede Farbe:

$u^*_e$  und Nummer Nr. = 00 .. 15

Elementar-Bunttontext:

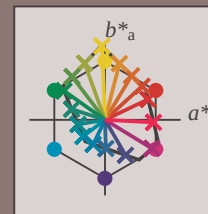
$u^*_e = 16$  Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| $r00j$  | 39.18       | 56.94   | 27.13   | 63.07        | 25           | $m81o$  |
| $r25j$  | 42.41       | 49.1    | 44.5    | 66.26        | 42           | $o10y$  |
| $r50j$  | 52.78       | 35.22   | 58.37   | 68.17        | 59           | $o40y$  |
| $r75j$  | 64.82       | 19.12   | 74.47   | 76.89        | 76           | $o69y$  |
| $j00g$  | 82.06       | -3.94   | 97.52   | 97.6         | 92           | $o98y$  |
| $j25g$  | 67.26       | -26.87  | 74.67   | 79.36        | 110          | $y34l$  |
| $j50g$  | 55.83       | -43.45  | 57.11   | 71.76        | 127          | $y69l$  |
| $j75g$  | 47.5        | -54.18  | 38.3    | 66.35        | 145          | $l03c$  |
| $g00b$  | 50.07       | -44.09  | 14.13   | 46.3         | 162          | $l23c$  |
| $g25b$  | 52.21       | -35.66  | -6.03   | 36.17        | 190          | $l55c$  |
| $g50b$  | 53.9        | -29.04  | -21.87  | 36.36        | 217          | $l87c$  |
| $g75b$  | 49.44       | -15.51  | -32.31  | 35.84        | 244          | $c20v$  |
| $b00r$  | 41.36       | 1.15    | -37.95  | 37.97        | 272          | $c53v$  |
| $b25r$  | 28.74       | 27.19   | -46.77  | 54.1         | 300          | $c87v$  |
| $b50r$  | 33.74       | 61.97   | -37.81  | 72.59        | 329          | $v68m$  |
| $b75r$  | 40.08       | 64.26   | -3.32   | 64.35        | 357          | $m33o$  |



%Umfang

$u^*_{rel} = 88$

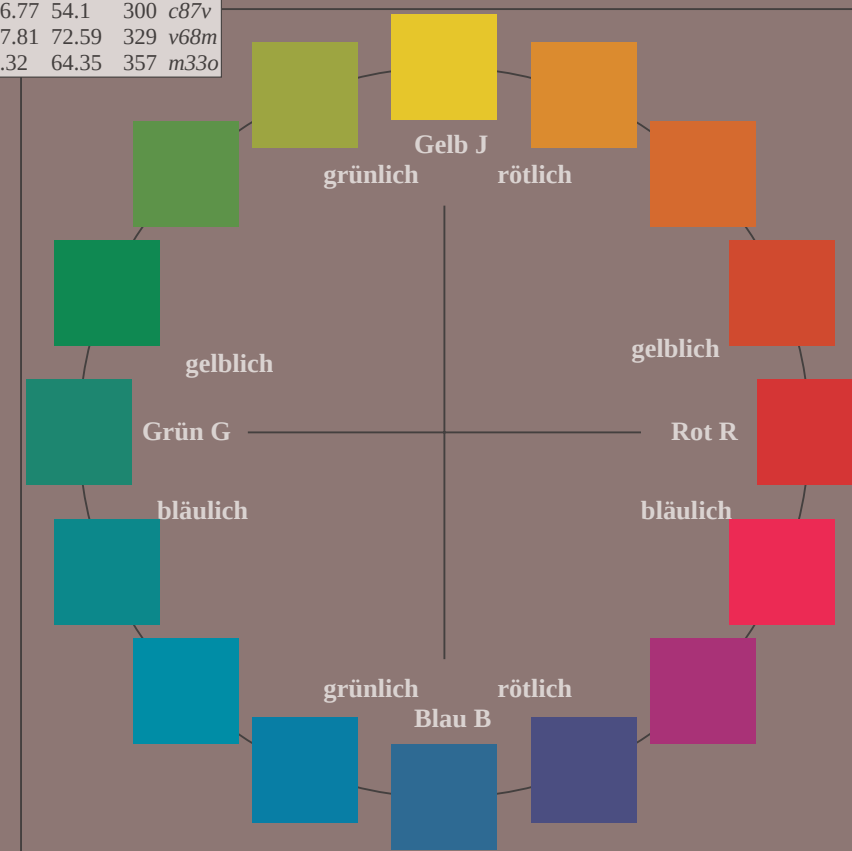
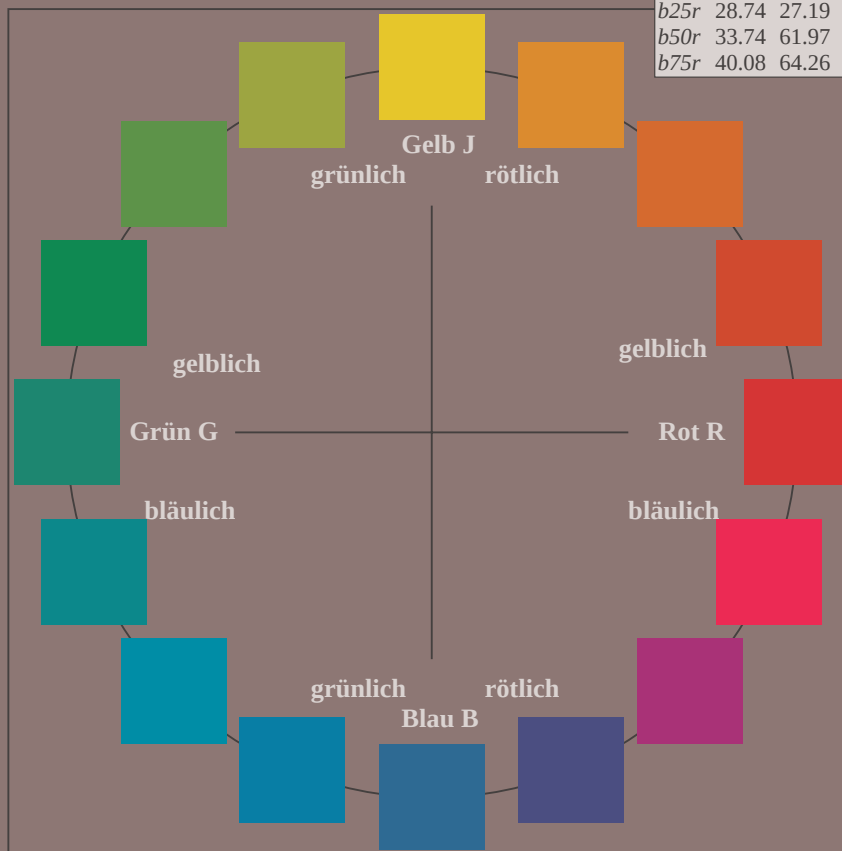
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| Name      | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_{Ma}$  | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| $Y_{Ma}$  | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| $L_{Ma}$  | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| $C_{Ma}$  | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| $V_{Ma}$  | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| $M_{Ma}$  | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| $N_{Ma}$  | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$  | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$ | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| $G_{CIE}$ | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| $B_{CIE}$ | 30.57       | 1.41    | -46.47  | 46.49        | 272          |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

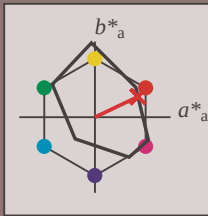
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 57 27

$LAB^*LCH^*_{Ma}$ : 39 63 25

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.0 0.18

Dreiecks-Helligkeit  $t^*$

%Umfang

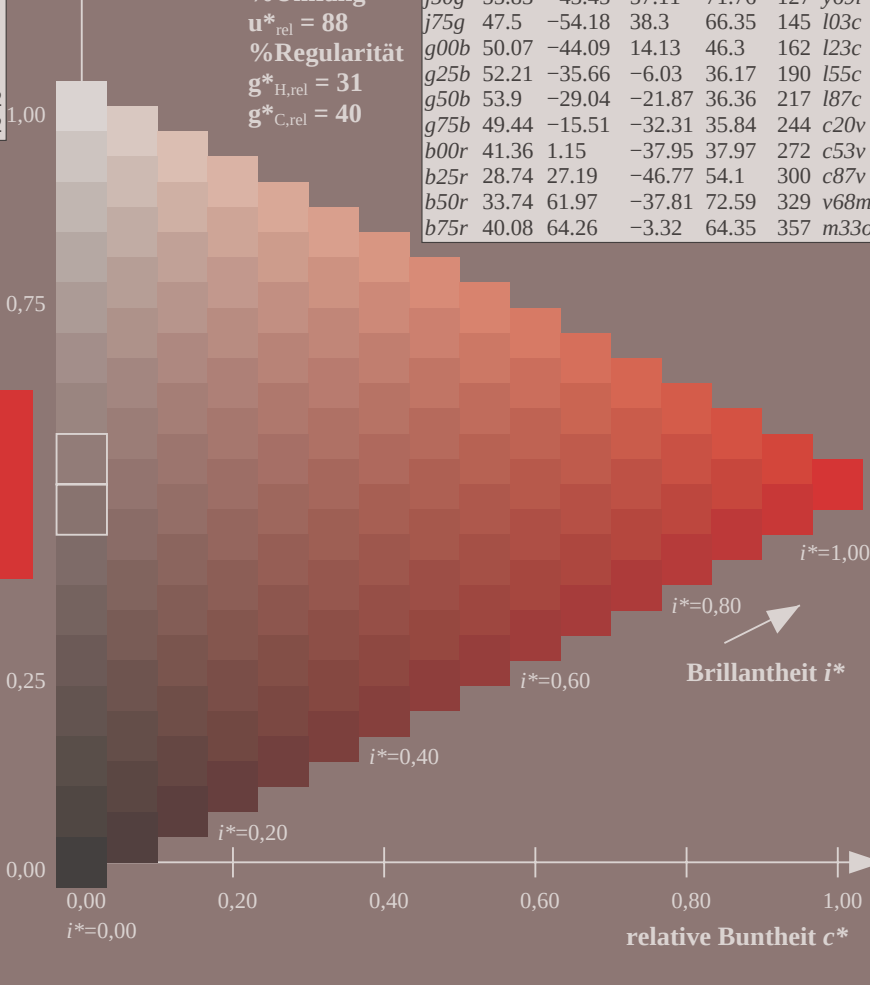
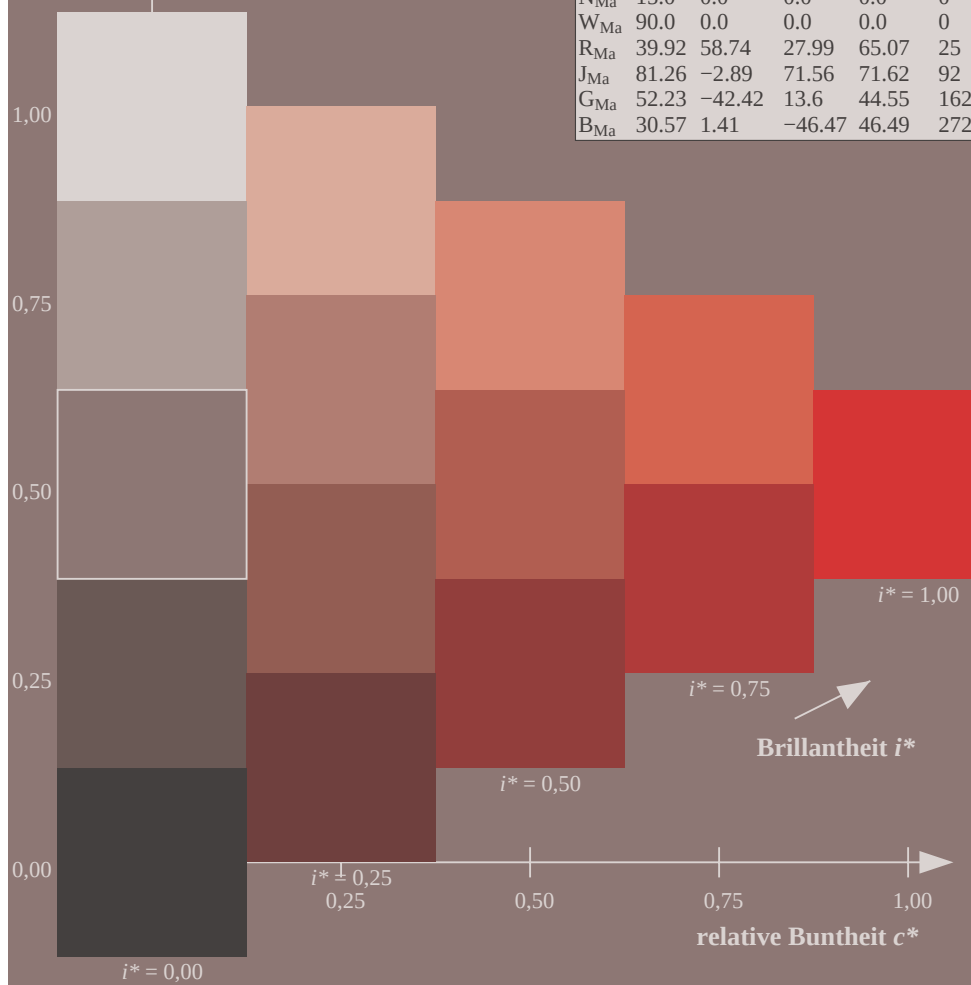
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |             |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|-------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$     |
| <i>r00j</i>                        | 39.18   | 56.94       | 27.13   | 63.07   | 25           |              | <i>m81d</i> |
| <i>r25j</i>                        | 42.41   | 49.1        | 44.5    | 66.26   | 42           |              | <i>o10y</i> |
| <i>r50j</i>                        | 52.78   | 35.22       | 58.37   | 68.17   | 59           |              | <i>o40y</i> |
| <i>r75j</i>                        | 64.82   | 19.12       | 74.47   | 76.89   | 76           |              | <i>o69y</i> |
| <i>j00g</i>                        | 82.06   | -3.94       | 97.52   | 97.6    | 92           |              | <i>o98y</i> |
| <i>j25g</i>                        | 67.26   | -26.87      | 74.67   | 79.36   | 110          |              | <i>y34l</i> |
| <i>j50g</i>                        | 55.83   | -43.45      | 57.11   | 71.76   | 127          |              | <i>y69l</i> |
| <i>j75g</i>                        | 47.5    | -54.18      | 38.3    | 66.35   | 145          |              | <i>l03c</i> |
| <i>g00b</i>                        | 50.07   | -44.09      | 14.13   | 46.3    | 162          |              | <i>l23c</i> |
| <i>g25b</i>                        | 52.21   | -35.66      | -6.03   | 36.17   | 190          |              | <i>l55c</i> |
| <i>g50b</i>                        | 53.9    | -29.04      | -21.87  | 36.36   | 217          |              | <i>l87c</i> |
| <i>g75b</i>                        | 49.44   | -15.51      | -32.31  | 35.84   | 244          |              | <i>c20v</i> |
| <i>b00r</i>                        | 41.36   | 1.15        | -37.95  | 37.97   | 272          |              | <i>c53v</i> |
| <i>b25r</i>                        | 28.74   | 27.19       | -46.77  | 54.1    | 300          |              | <i>c87v</i> |
| <i>b50r</i>                        | 33.74   | 61.97       | -37.81  | 72.59   | 329          |              | <i>v68m</i> |
| <i>b75r</i>                        | 40.08   | 64.26       | -3.32   | 64.35   | 357          |              | <i>m33o</i> |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

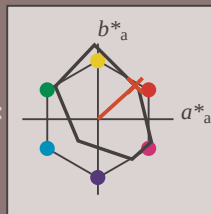
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 49 44

$LAB^*LCH^*_{Ma}$ : 42 66 42

$lab^*rgb^*_{Ma}$ : 1.0 0.25 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

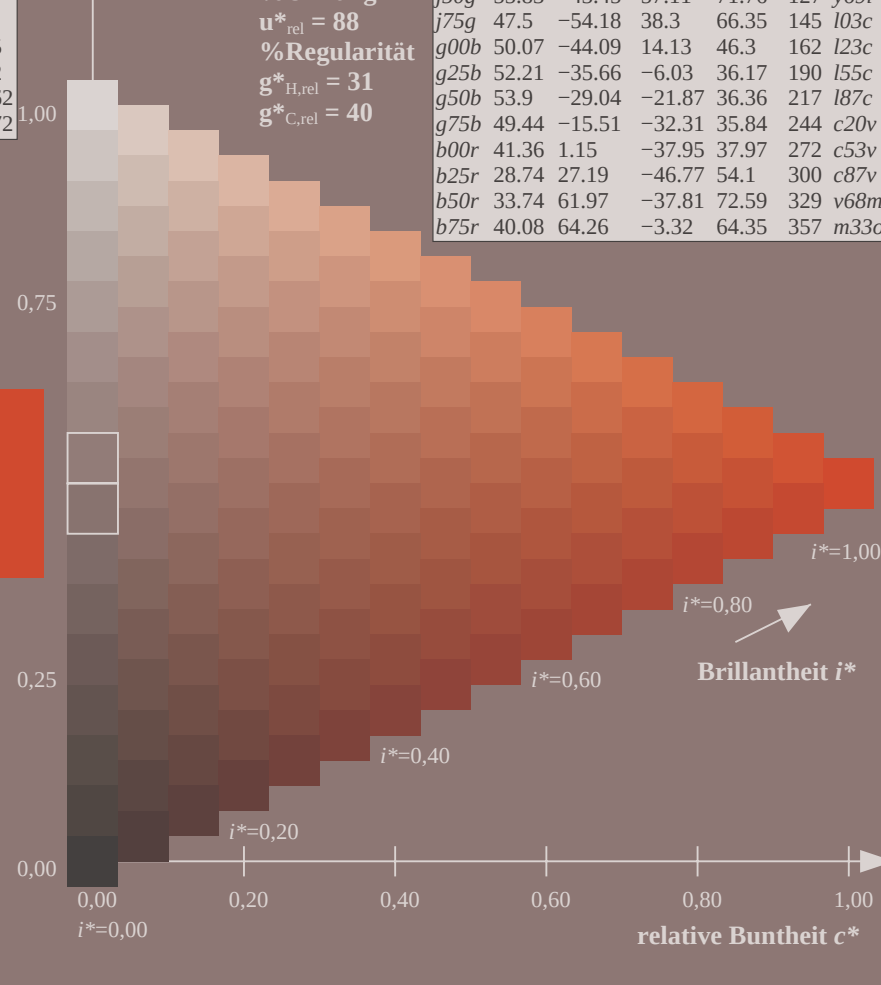
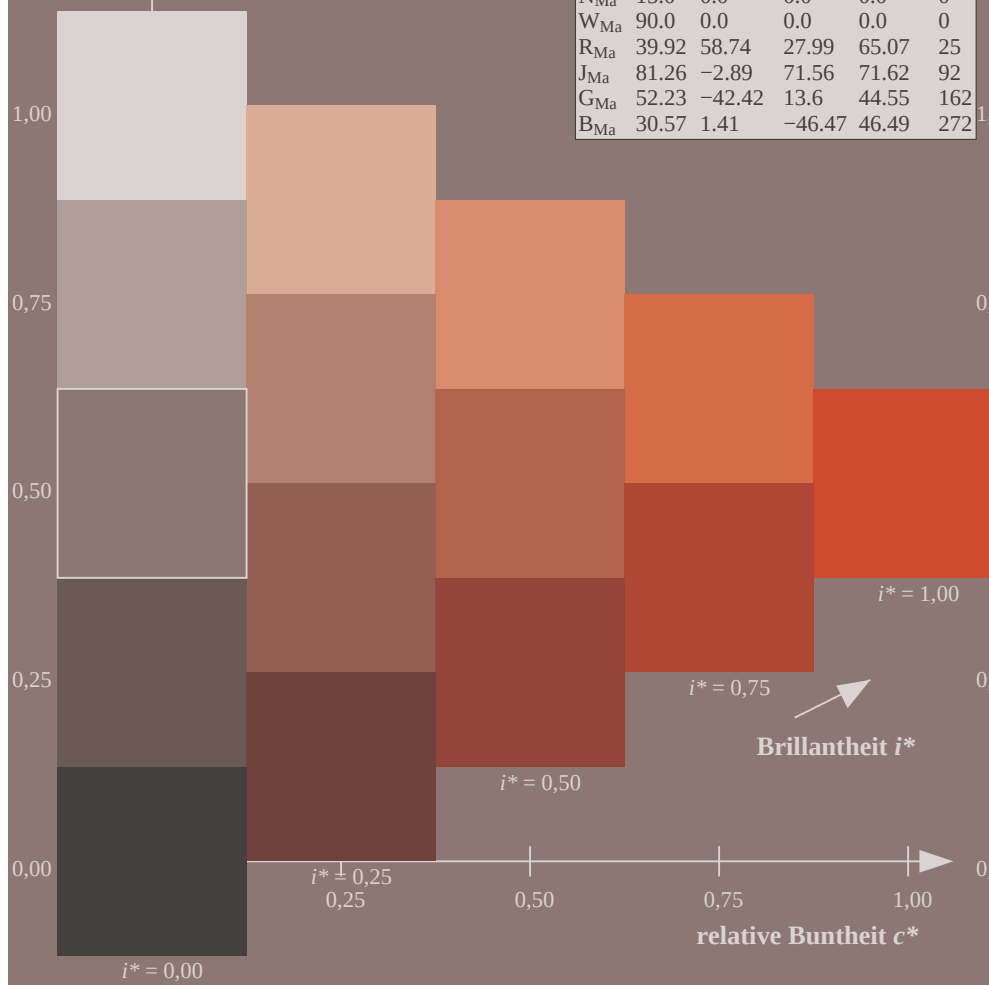
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

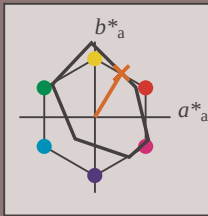
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

$lab^*rgb^*_{Ma}$ : 1.0 0.5 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

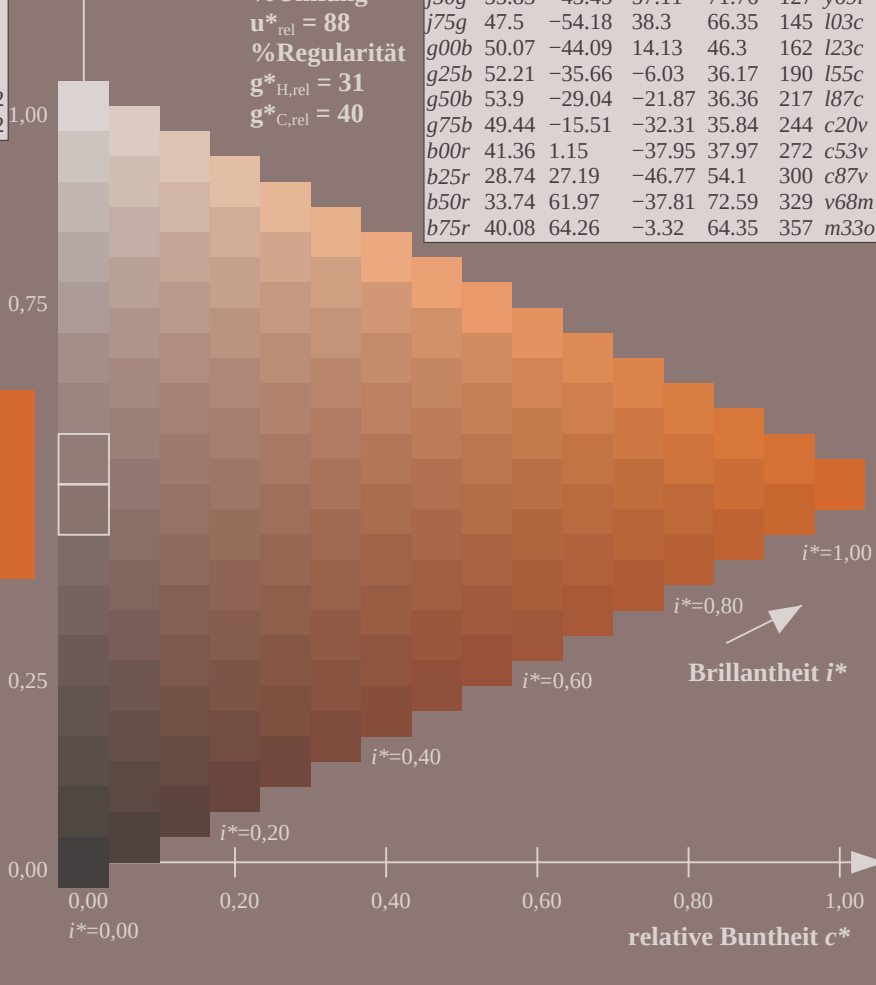
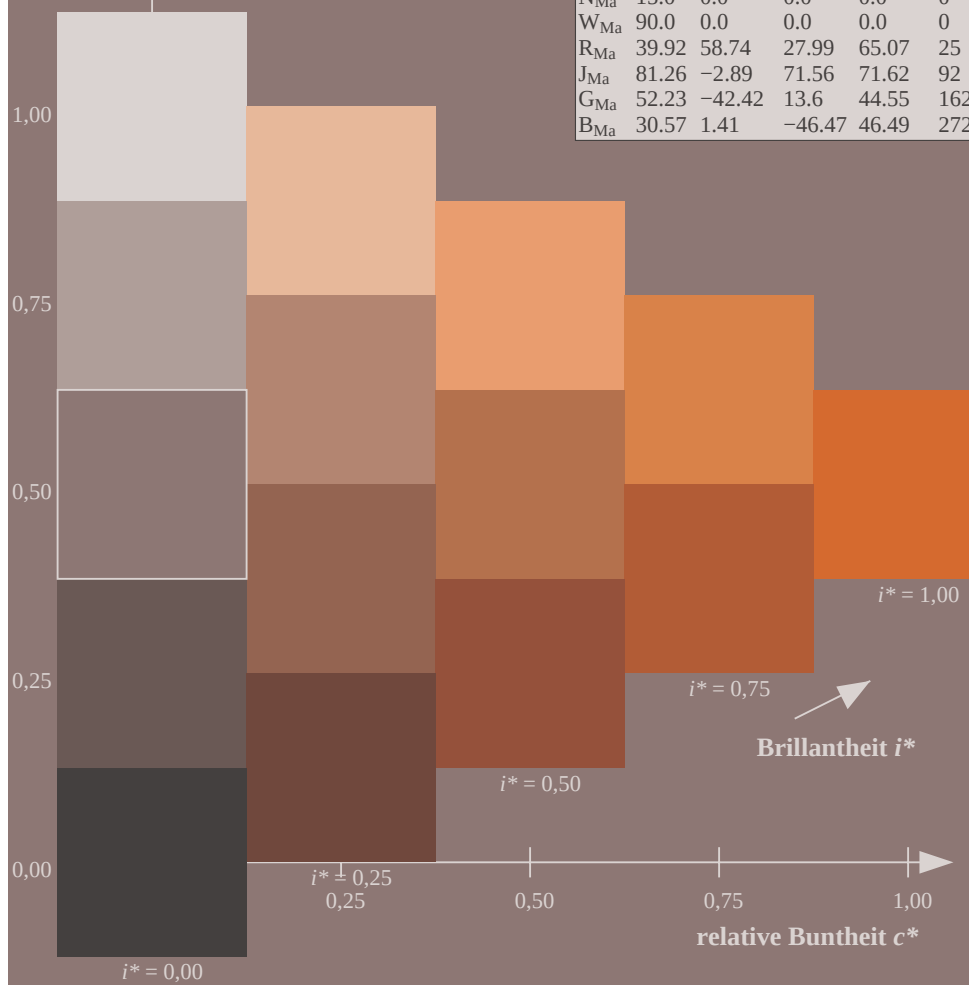
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

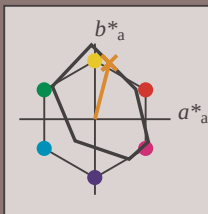
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 65 19 74

$LAB^*LCH^*_{Ma}$ : 65 77 75

$lab^*rgb^*_{Ma}$ : 1.0 0.75 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

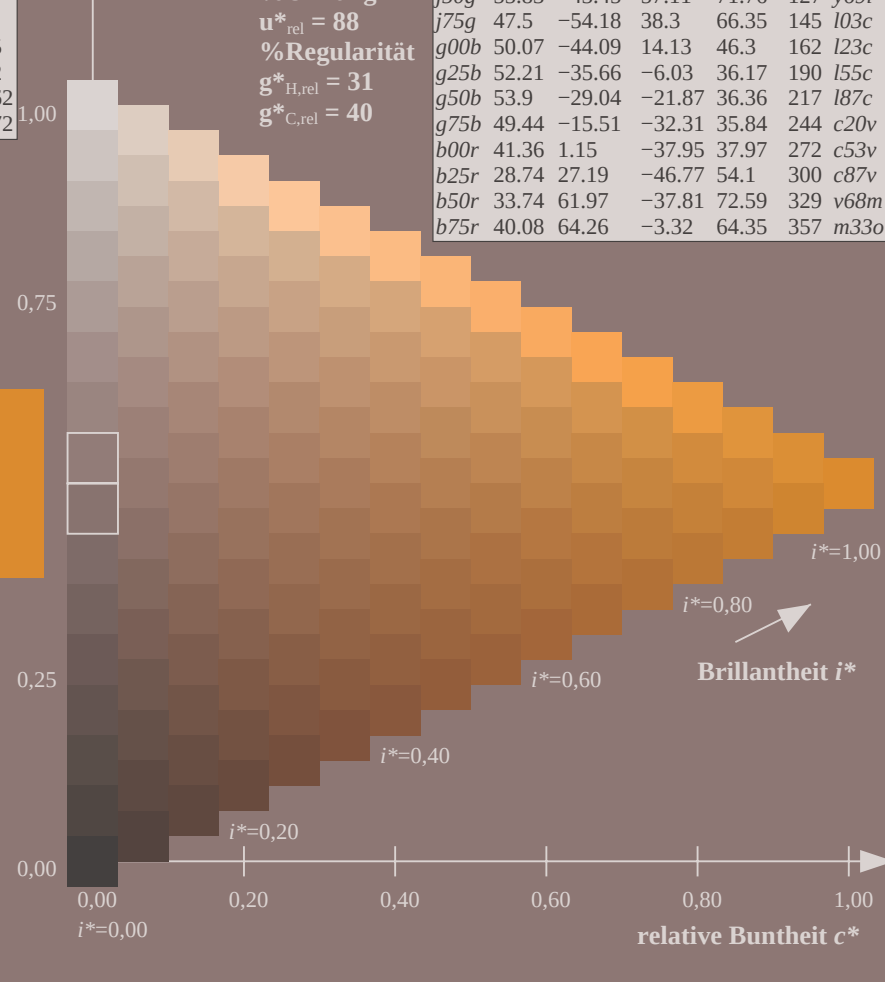
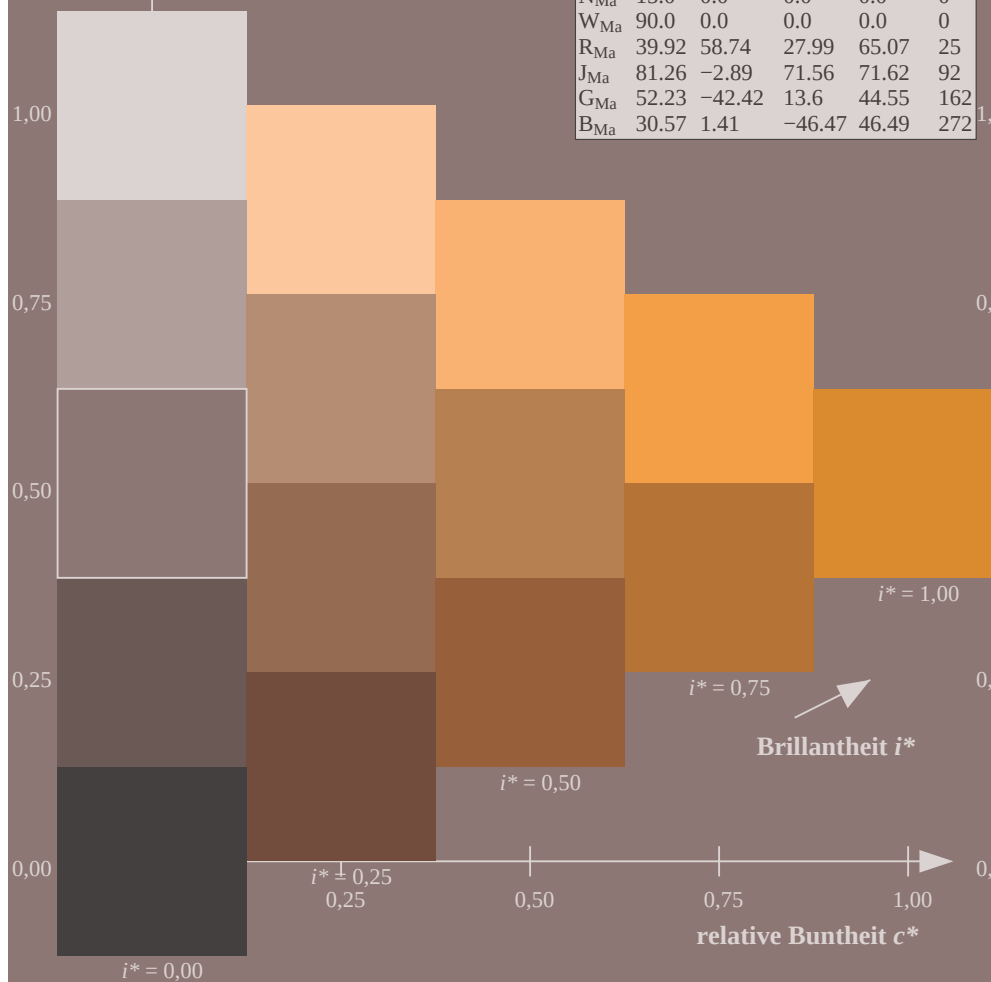
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

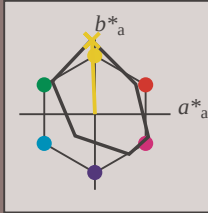
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 82 -4 98

$LAB^*LCH^*_{Ma}$ : 82 98 92

$lab^*rgb^*_{Ma}$ : 1.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.99 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

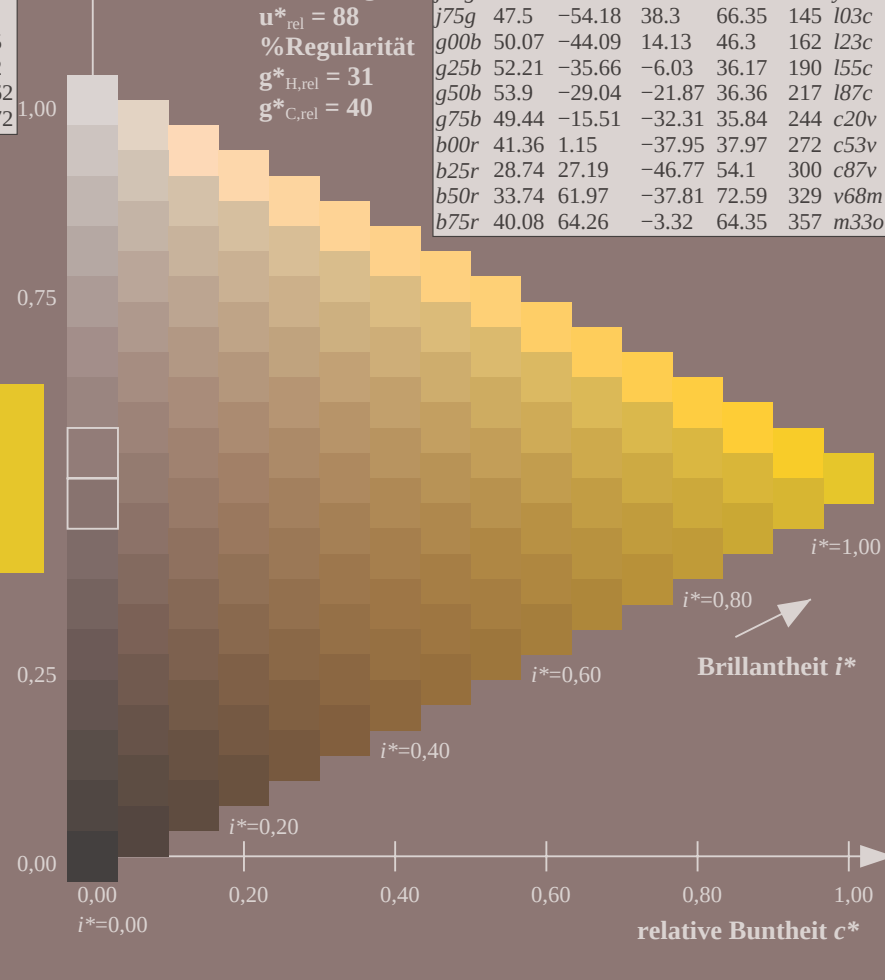
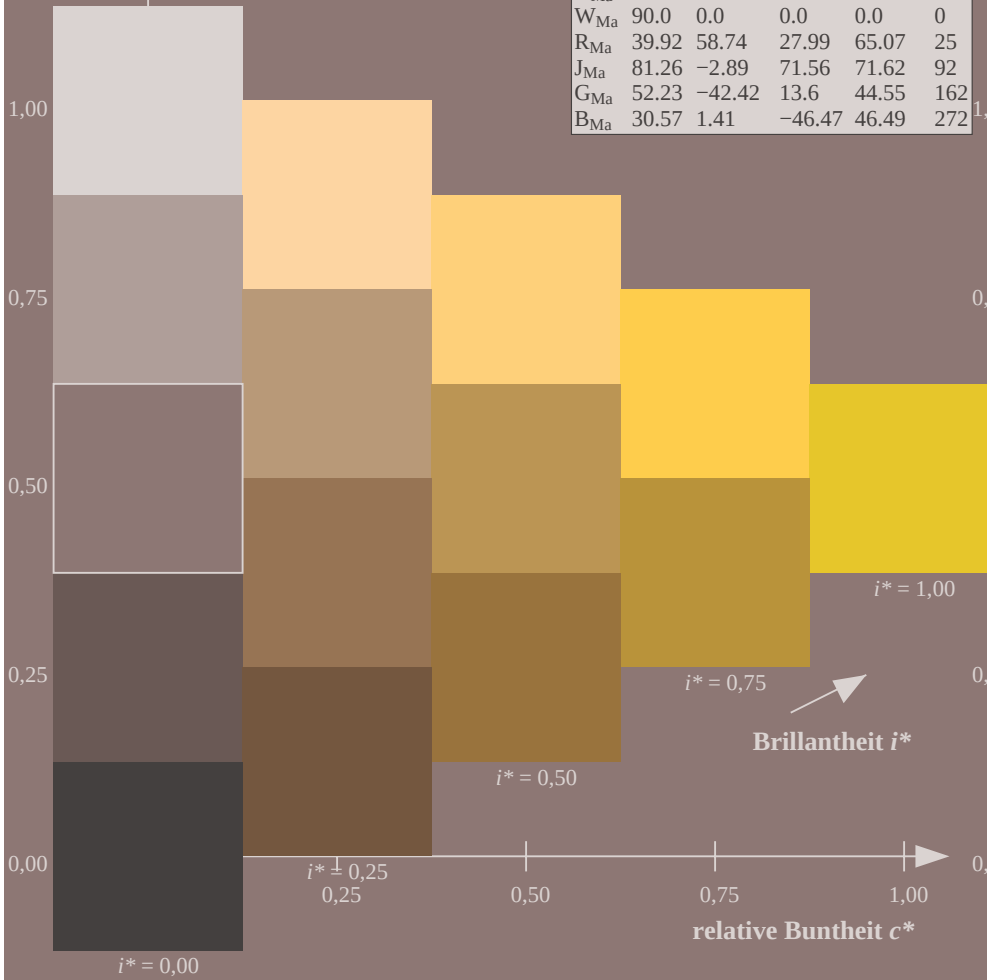
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

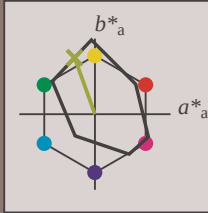
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -27 75

$LAB^*LCH^*_{Ma}$ : 67 79 109

$lab^*rgb^*_{Ma}$ : 0.75 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.66 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

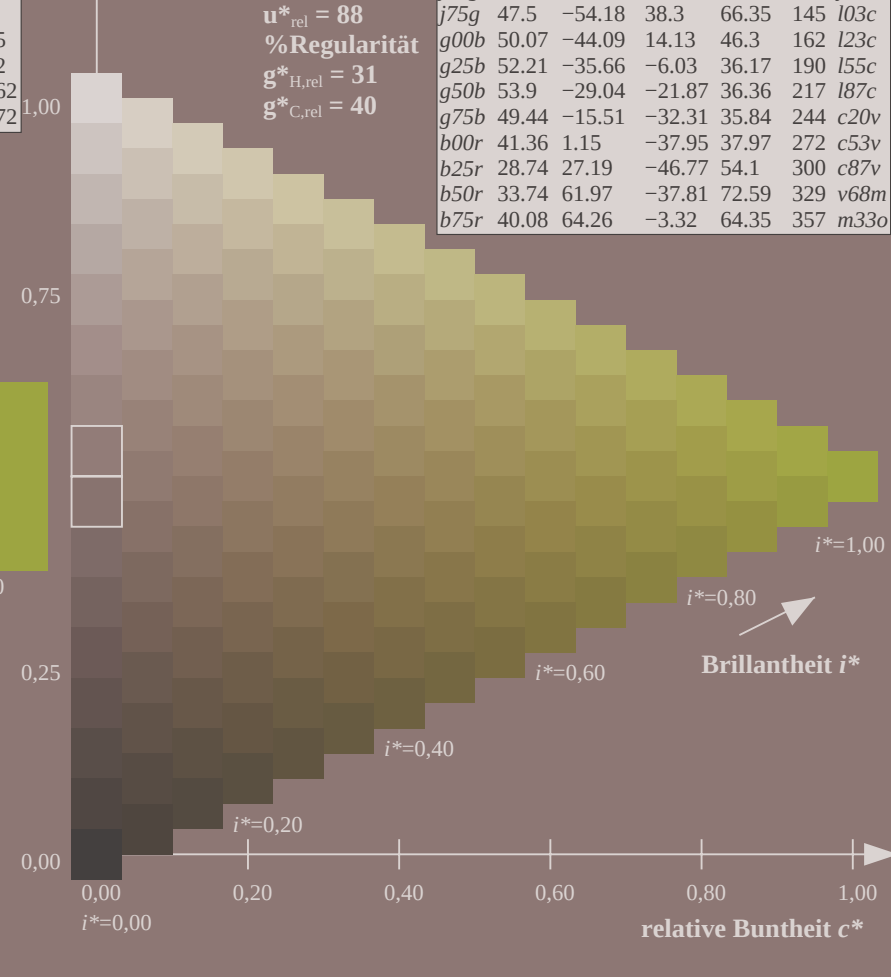
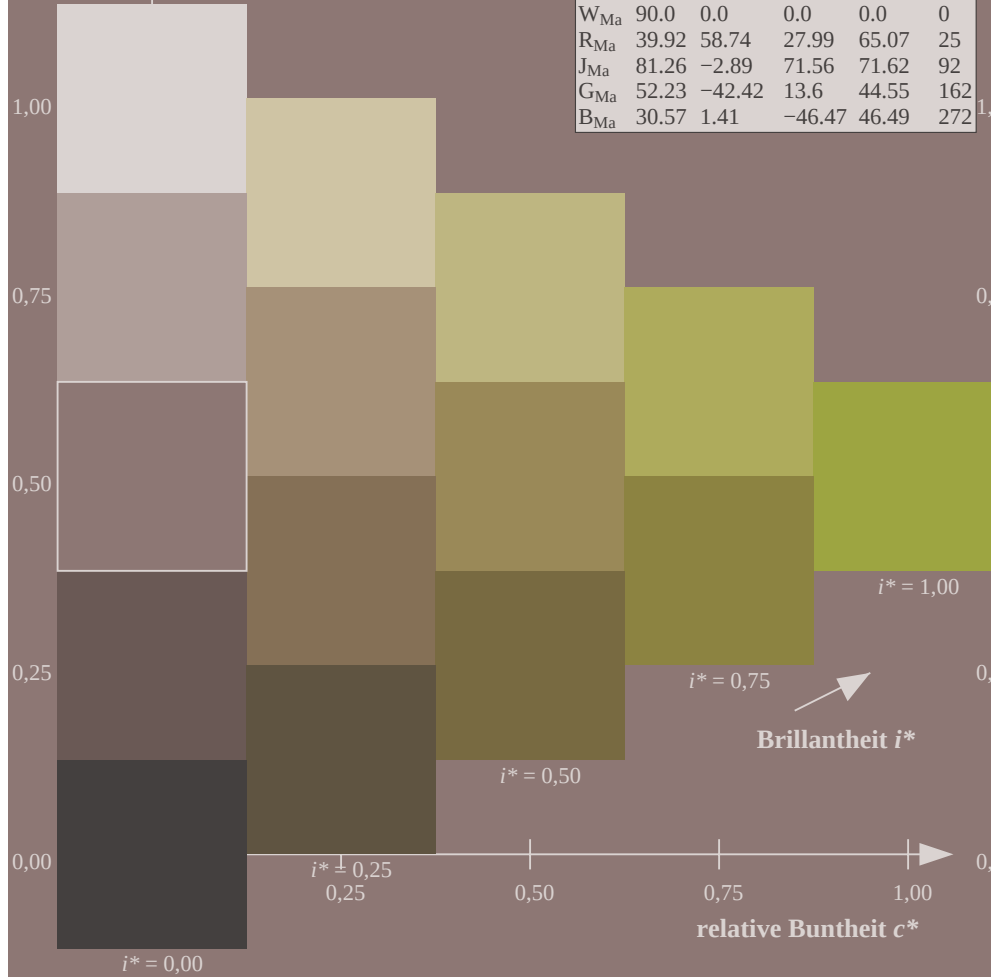
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11/](http://www.ps.bam.de/Eg11/)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpx=0

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

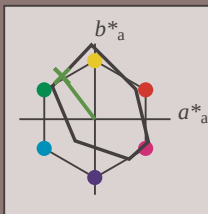
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 56 -43 57

$LAB^*LCH^*_{Ma}$ : 56 72 127

$lab^*rgb^*_{Ma}$ : 0.5 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

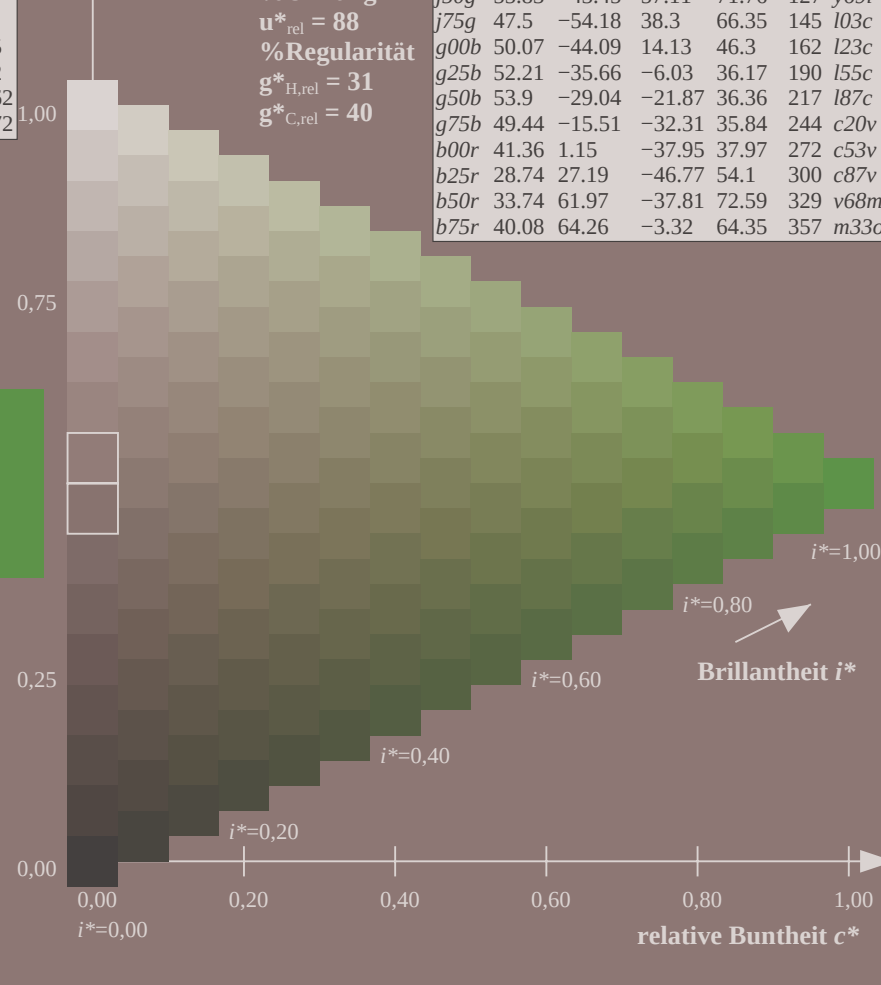
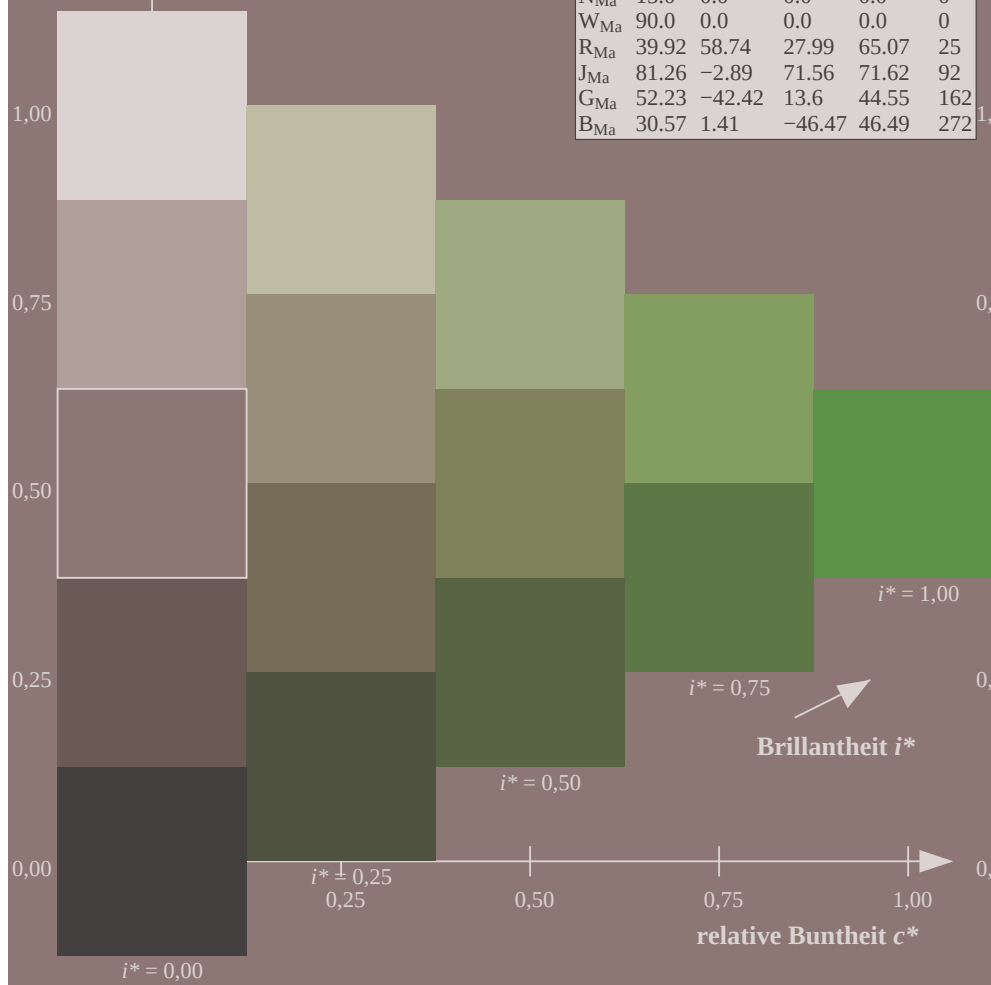
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

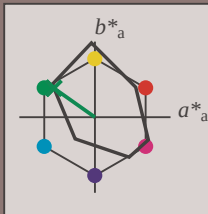
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

$lab^*rgb^*_{Ma}$ : 0.25 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $t^*$

%Umfang

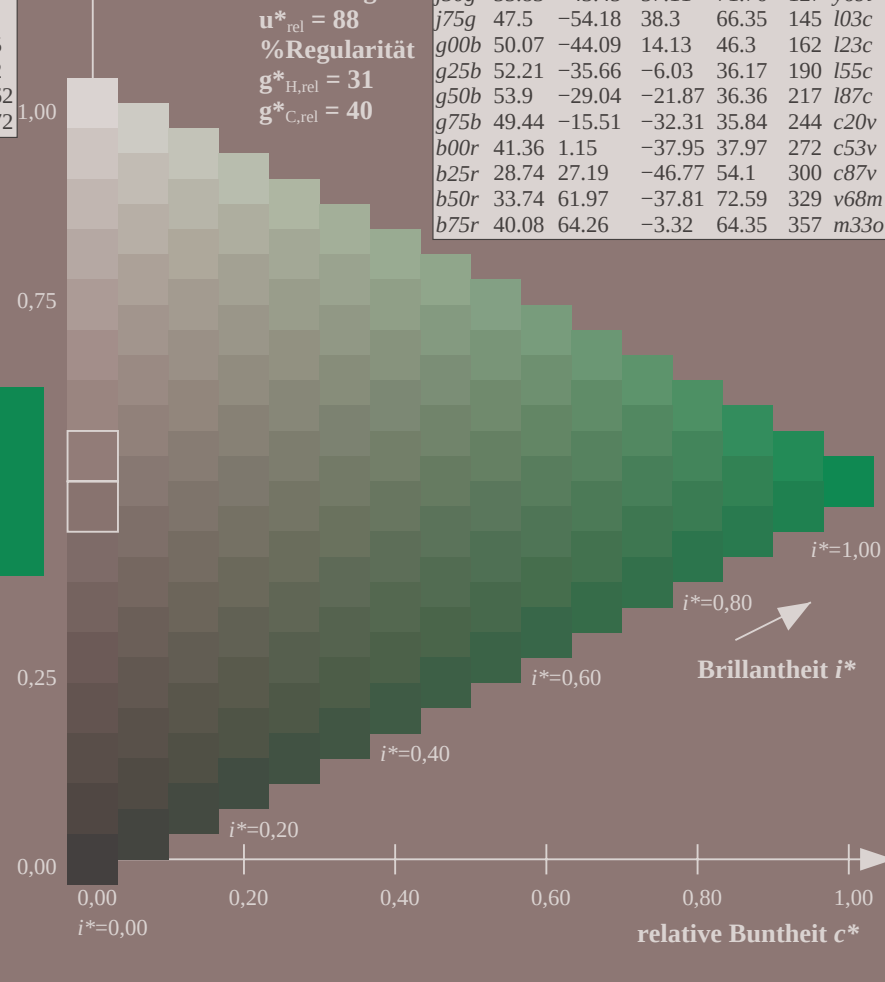
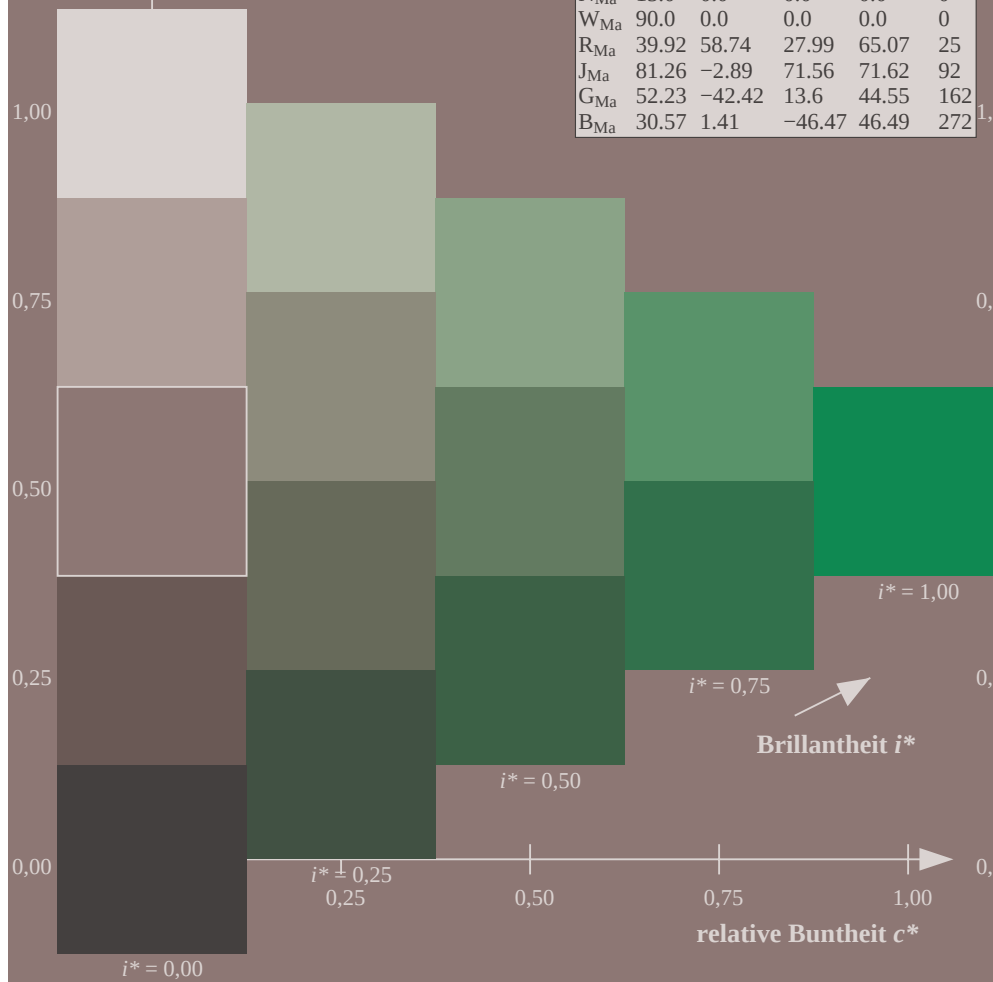
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | i03c         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | i23c         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | i55c         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | i87c         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

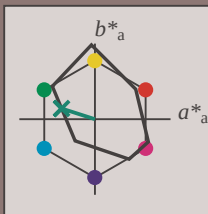
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -44 14

$LAB^*LCH^*_{Ma}$ : 50 46 162

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

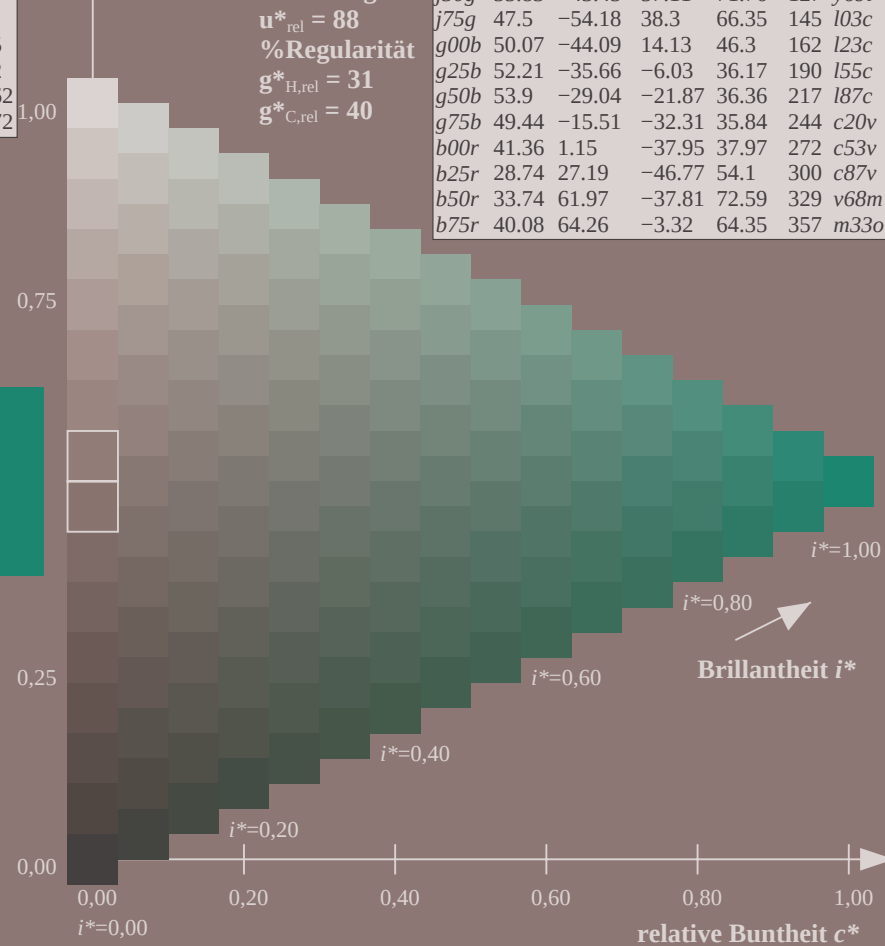
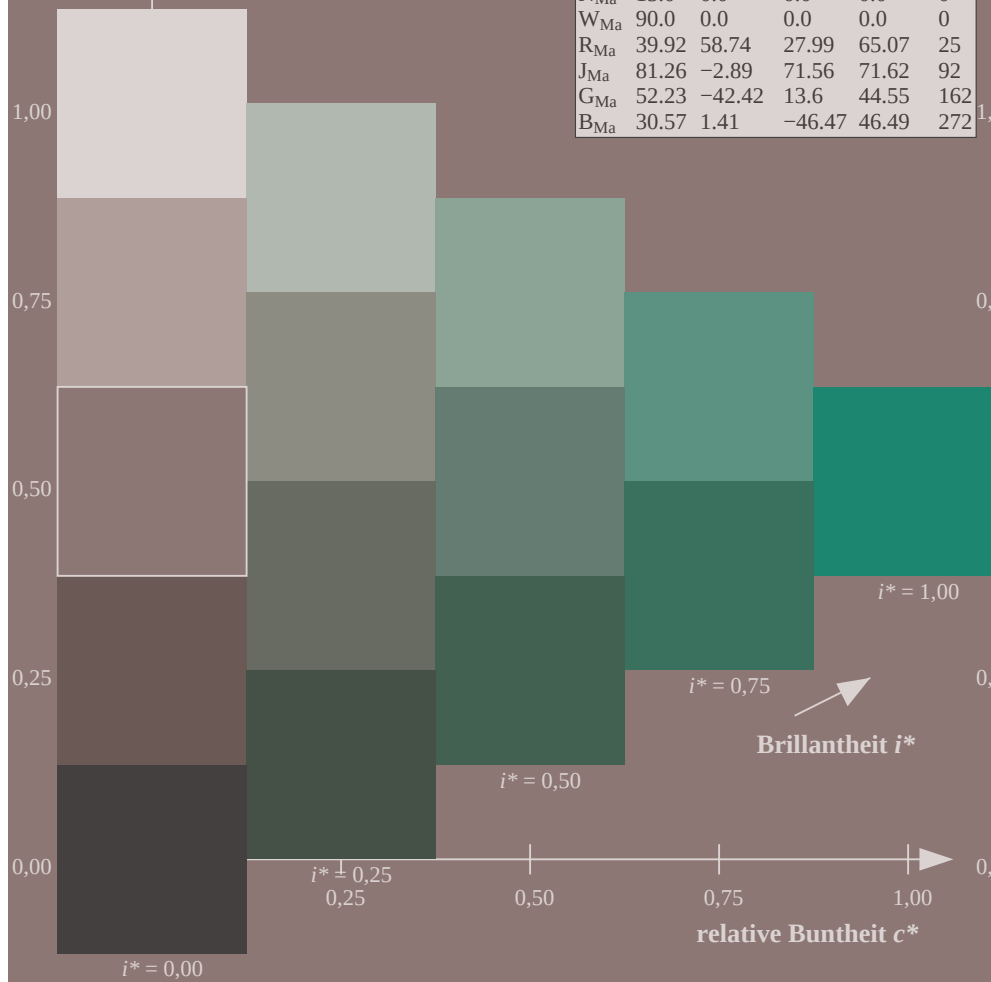
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

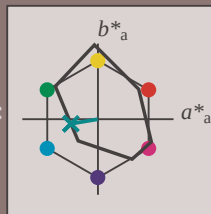
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|--|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |  |
| OMa                                | 38.8        | 53.92   | 39.68   | 66.95        | 36           |  |
| YMa                                | 82.58       | -4.64   | 98.22   | 98.33        | 93           |  |
| LMa                                | 46.95       | -56.34  | 43.46   | 71.15        | 142          |  |
| CMa                                | 54.62       | -26.2   | -28.68  | 38.85        | 228          |  |
| VMa                                | 20.01       | 45.2    | -52.87  | 69.56        | 311          |  |
| MMa                                | 40.88       | 70.68   | -29.99  | 76.78        | 337          |  |
| NMa                                | 15.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| WMa                                | 90.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| RMa                                | 39.92       | 58.74   | 27.99   | 65.07        | 25           |  |
| JMa                                | 81.26       | -2.89   | 71.56   | 71.62        | 92           |  |
| GMa                                | 52.23       | -42.42  | 13.6    | 44.55        | 162          |  |
| BMa                                | 30.57       | 1.41    | -46.47  | 46.49        | 272          |  |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.5

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $t^*$

%Umfang

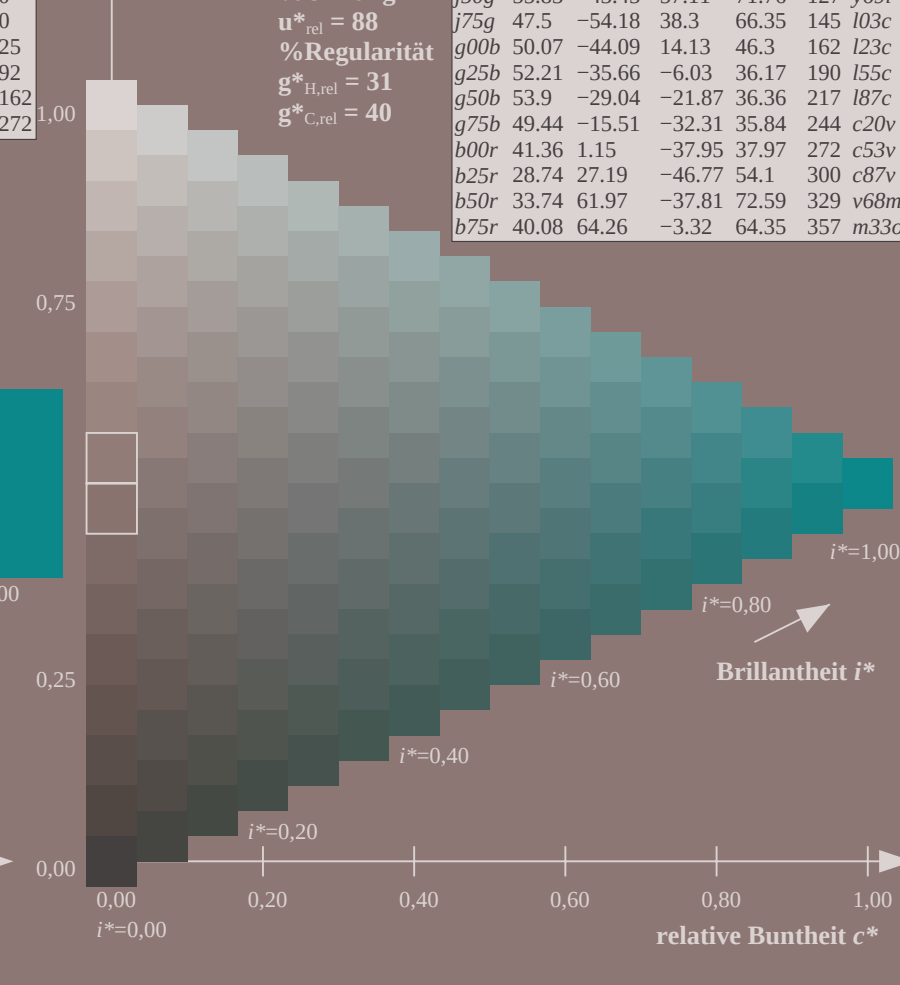
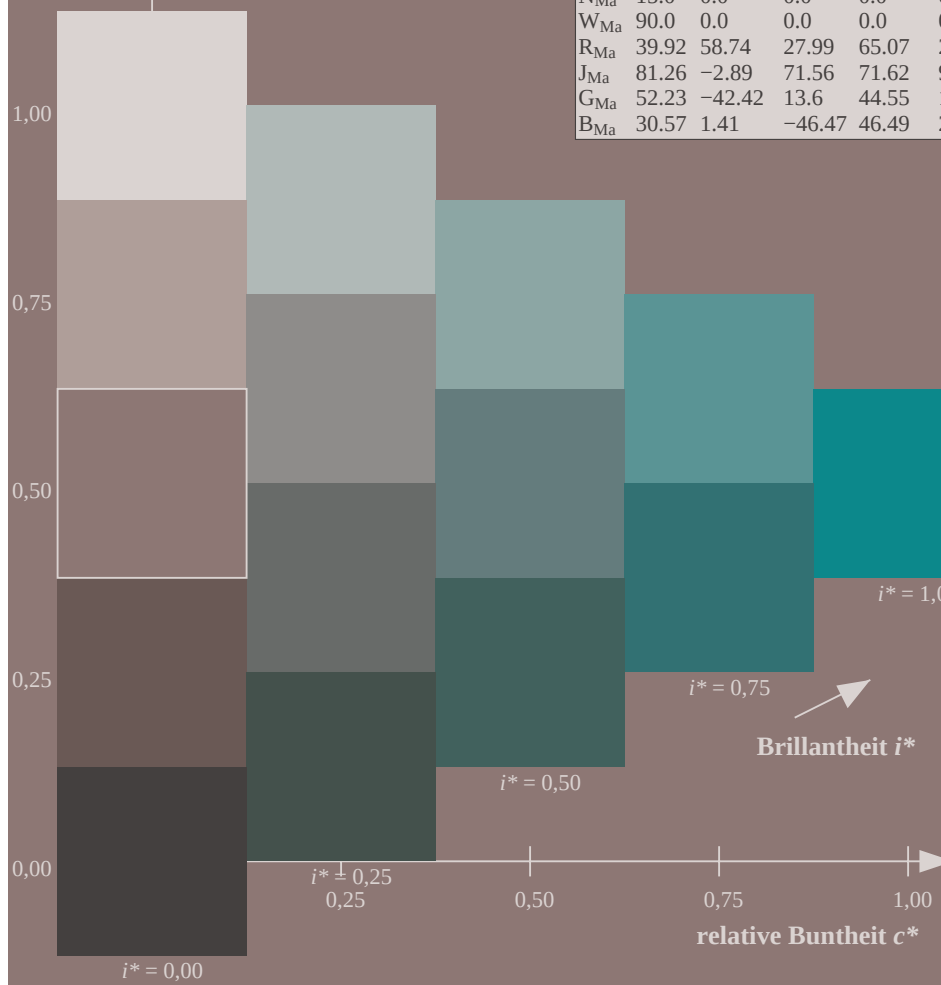
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

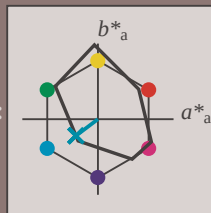
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

$lab^*rgb^*_{Ma}$ : 0.0 1.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $t^*$

%Umfang

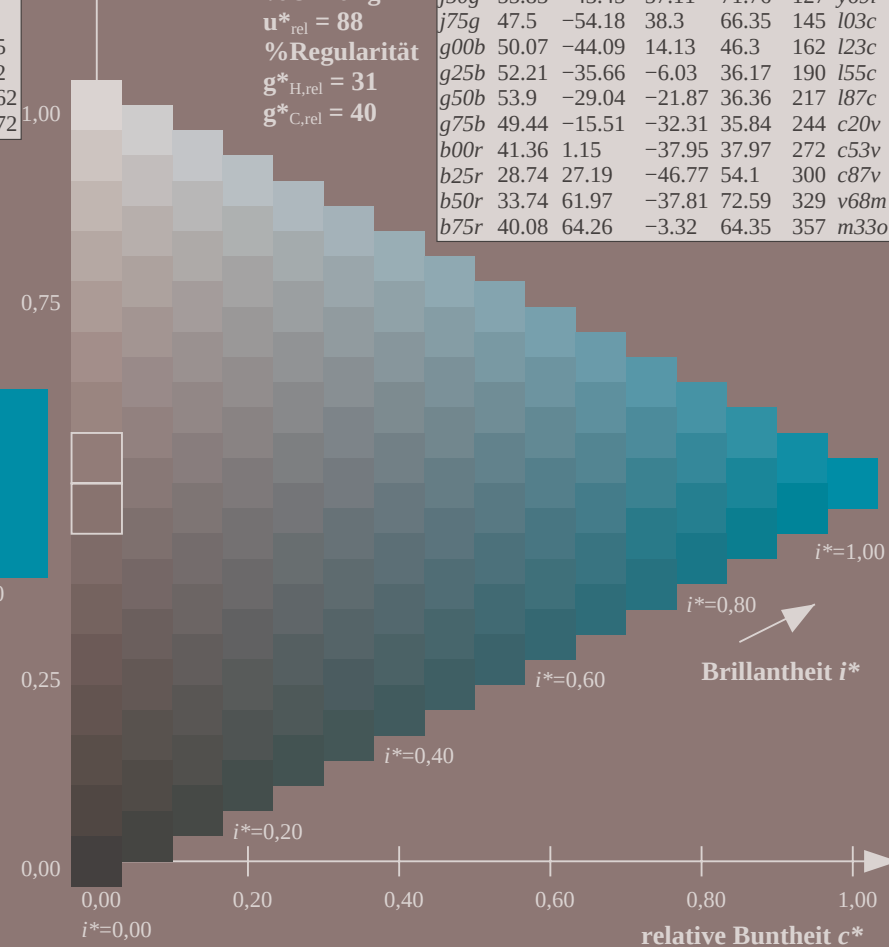
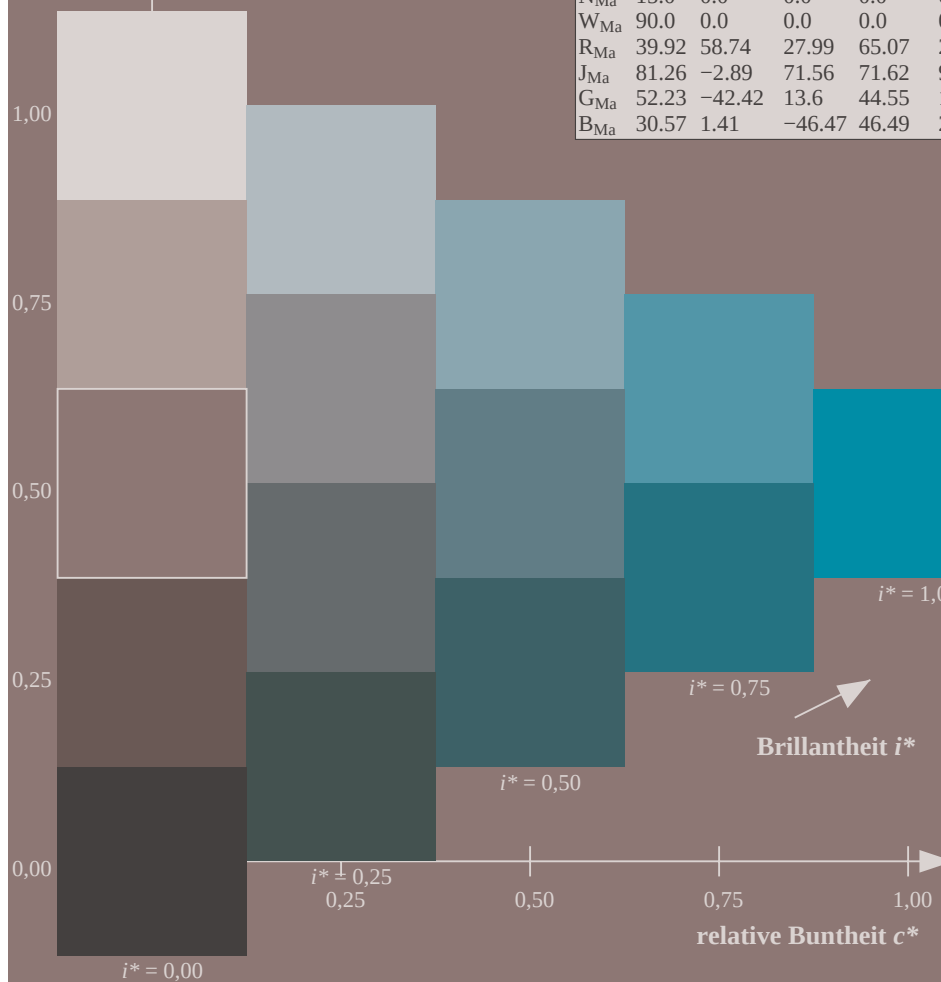
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |             |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|-------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$     |
| <i>r00j</i>                        | 39.18   | 56.94       |         | 27.13   | 63.07        | 25           | <i>m81o</i> |
| <i>r25j</i>                        | 42.41   | 49.1        |         | 44.5    | 66.26        | 42           | <i>o10y</i> |
| <i>r50j</i>                        | 52.78   | 35.22       |         | 58.37   | 68.17        | 59           | <i>o40y</i> |
| <i>r75j</i>                        | 64.82   | 19.12       |         | 74.47   | 76.89        | 76           | <i>o69y</i> |
| <i>j00g</i>                        | 82.06   | -3.94       |         | 97.52   | 97.6         | 92           | <i>o98y</i> |
| <i>j25g</i>                        | 67.26   | -26.87      |         | 74.67   | 79.36        | 110          | <i>y34l</i> |
| <i>j50g</i>                        | 55.83   | -43.45      |         | 57.11   | 71.76        | 127          | <i>y69l</i> |
| <i>j75g</i>                        | 47.5    | -54.18      |         | 38.3    | 66.35        | 145          | <i>l03c</i> |
| <i>g00b</i>                        | 50.07   | -44.09      |         | 14.13   | 46.3         | 162          | <i>l23c</i> |
| <i>g25b</i>                        | 52.21   | -35.66      |         | -6.03   | 36.17        | 190          | <i>l55c</i> |
| <i>g50b</i>                        | 53.9    | -29.04      |         | -21.87  | 36.36        | 217          | <i>l87c</i> |
| <i>g75b</i>                        | 49.44   | -15.51      |         | -32.31  | 35.84        | 244          | <i>c20v</i> |
| <i>b00r</i>                        | 41.36   | 1.15        |         | -37.95  | 37.97        | 272          | <i>c53v</i> |
| <i>b25r</i>                        | 28.74   | 27.19       |         | -46.77  | 54.1         | 300          | <i>c87v</i> |
| <i>b50r</i>                        | 33.74   | 61.97       |         | -37.81  | 72.59        | 329          | <i>v68m</i> |
| <i>b75r</i>                        | 40.08   | 64.26       |         | -3.32   | 64.35        | 357          | <i>m33o</i> |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

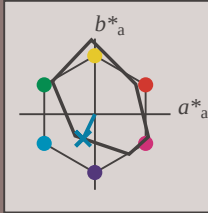
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 49 -16 -32

$LAB^*LCH^*_{Ma}$ : 49 36 244

$lab^*rgb^*_{Ma}$ : 0.0 0.5 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

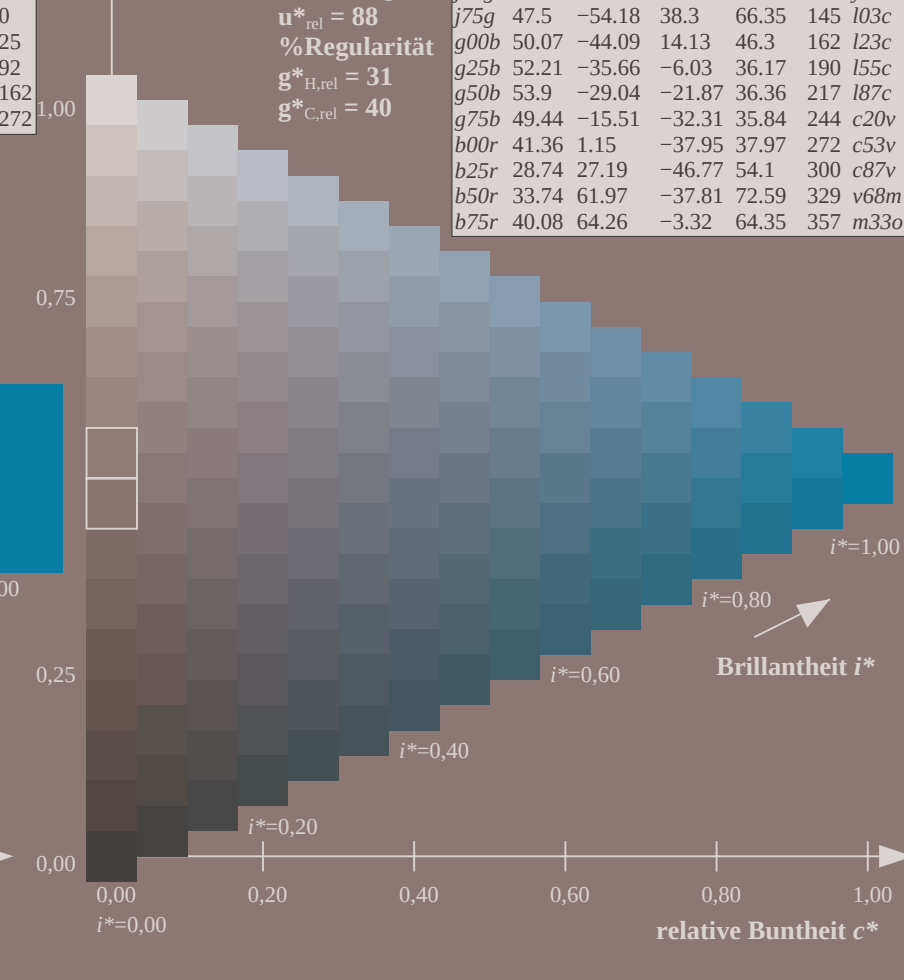
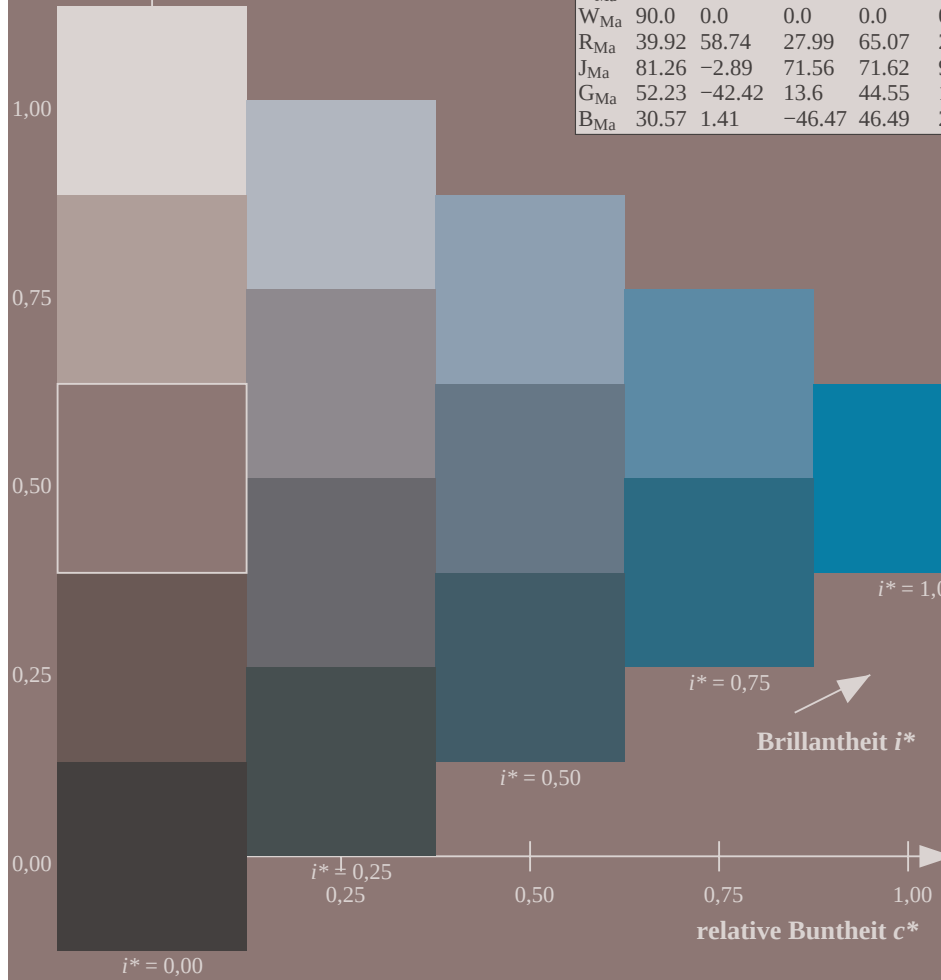
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |             |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|-------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$     |
| <i>r00j</i>                        | 39.18   | 56.94       |         | 27.13   | 63.07        | 25           | <i>m81o</i> |
| <i>r25j</i>                        | 42.41   | 49.1        |         | 44.5    | 66.26        | 42           | <i>o10y</i> |
| <i>r50j</i>                        | 52.78   | 35.22       |         | 58.37   | 68.17        | 59           | <i>o40y</i> |
| <i>r75j</i>                        | 64.82   | 19.12       |         | 74.47   | 76.89        | 76           | <i>o69y</i> |
| <i>j00g</i>                        | 82.06   | -3.94       |         | 97.52   | 97.6         | 92           | <i>o98y</i> |
| <i>j25g</i>                        | 67.26   | -26.87      |         | 74.67   | 79.36        | 110          | <i>y34l</i> |
| <i>j50g</i>                        | 55.83   | -43.45      |         | 57.11   | 71.76        | 127          | <i>y69l</i> |
| <i>j75g</i>                        | 47.5    | -54.18      |         | 38.3    | 66.35        | 145          | <i>i03c</i> |
| <i>g00b</i>                        | 50.07   | -44.09      |         | 14.13   | 46.3         | 162          | <i>i23c</i> |
| <i>g25b</i>                        | 52.21   | -35.66      |         | -6.03   | 36.17        | 190          | <i>i55c</i> |
| <i>g50b</i>                        | 53.9    | -29.04      |         | -21.87  | 36.36        | 217          | <i>i87c</i> |
| <i>g75b</i>                        | 49.44   | -15.51      |         | -32.31  | 35.84        | 244          | <i>c20v</i> |
| <i>b00r</i>                        | 41.36   | 1.15        |         | -37.95  | 37.97        | 272          | <i>c53v</i> |
| <i>b25r</i>                        | 28.74   | 27.19       |         | -46.77  | 54.1         | 300          | <i>c87v</i> |
| <i>b50r</i>                        | 33.74   | 61.97       |         | -37.81  | 72.59        | 329          | <i>v68m</i> |
| <i>b75r</i>                        | 40.08   | 64.26       |         | -3.32   | 64.35        | 357          | <i>m33o</i> |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

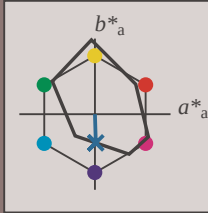
Bunttontexte:

$u_e^* = b00r$   $u_d^* = c53v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 41 1 -38

$LAB^*LCH^*_{Ma}$ : 41 38 271

$lab^*rgb^*_{Ma}$ : 0.0 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

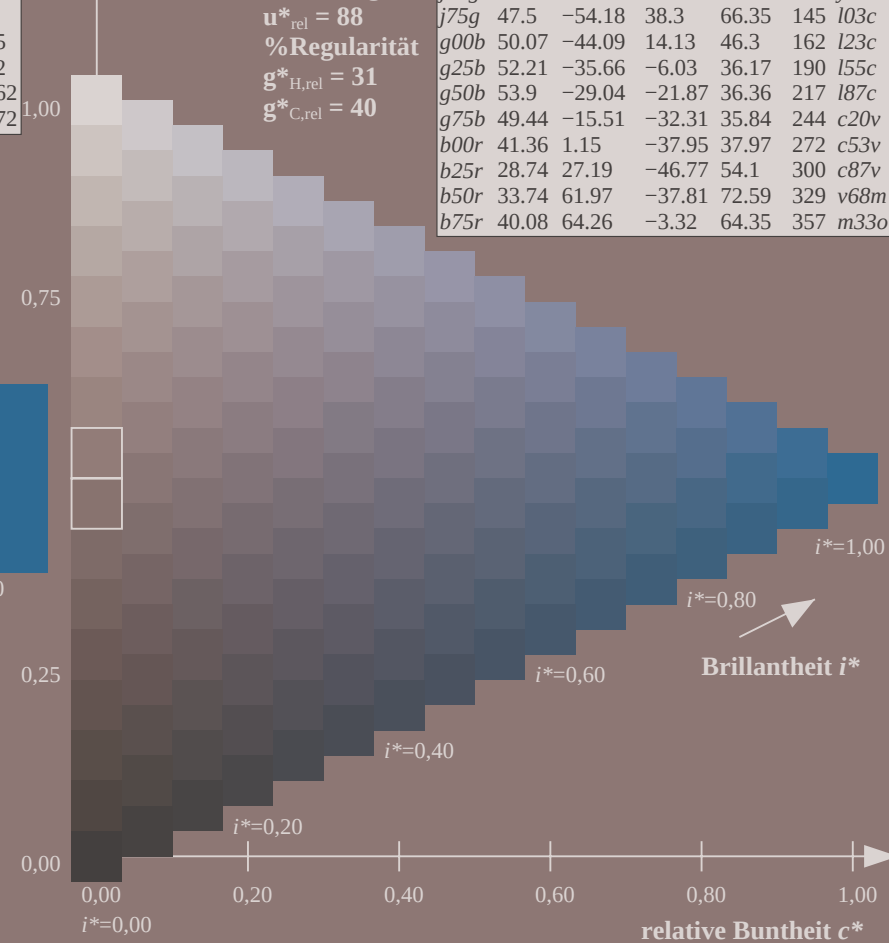
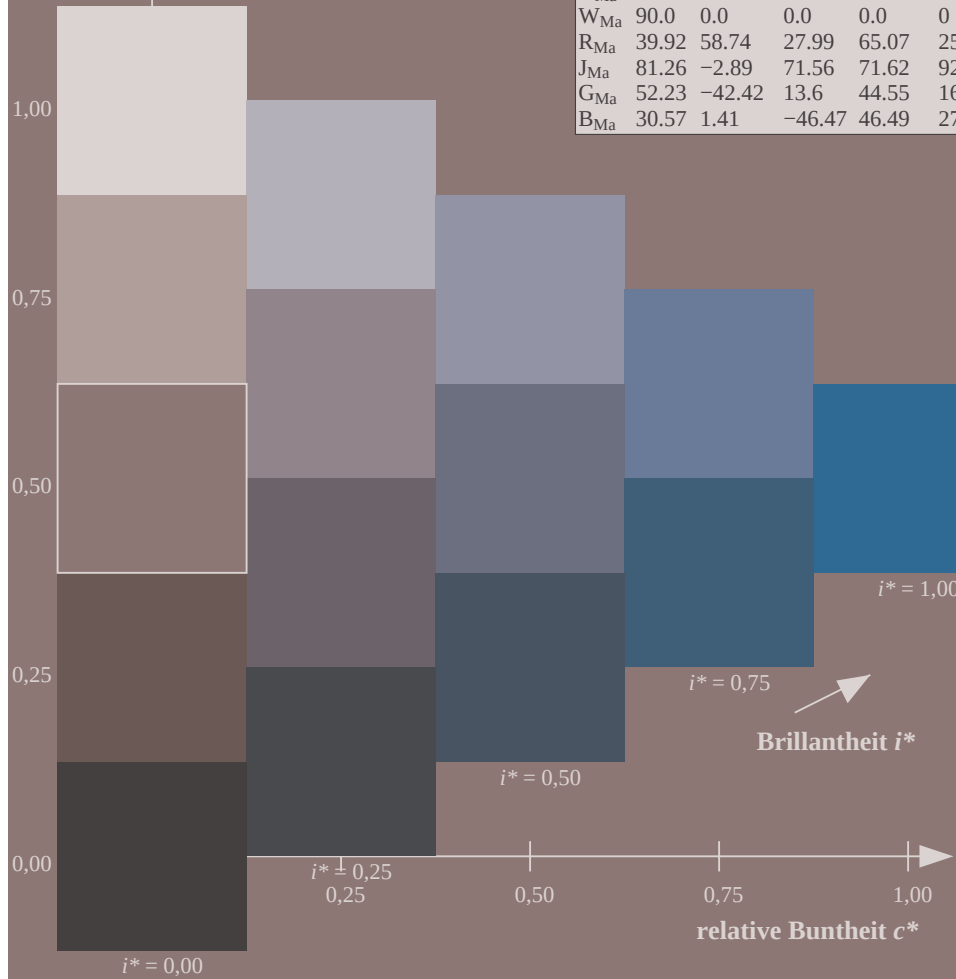
$u_{rel}^* = 88$

%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |         |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|---------|
|                                    | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
| <i>r00j</i>                        | 39.18   | 56.94       | 27.13   | 63.07   | 25           | <i>m81o</i>  |         |
| <i>r25j</i>                        | 42.41   | 49.1        | 44.5    | 66.26   | 42           | <i>o10y</i>  |         |
| <i>r50j</i>                        | 52.78   | 35.22       | 58.37   | 68.17   | 59           | <i>o40y</i>  |         |
| <i>r75j</i>                        | 64.82   | 19.12       | 74.47   | 76.89   | 76           | <i>o69y</i>  |         |
| <i>j00g</i>                        | 82.06   | -3.94       | 97.52   | 97.6    | 92           | <i>o98y</i>  |         |
| <i>j25g</i>                        | 67.26   | -26.87      | 74.67   | 79.36   | 110          | <i>y34l</i>  |         |
| <i>j50g</i>                        | 55.83   | -43.45      | 57.11   | 71.76   | 127          | <i>y69l</i>  |         |
| <i>j75g</i>                        | 47.5    | -54.18      | 38.3    | 66.35   | 145          | <i>l03c</i>  |         |
| <i>g00b</i>                        | 50.07   | -44.09      | 14.13   | 46.3    | 162          | <i>l23c</i>  |         |
| <i>g25b</i>                        | 52.21   | -35.66      | -6.03   | 36.17   | 190          | <i>l55c</i>  |         |
| <i>g50b</i>                        | 53.9    | -29.04      | -21.87  | 36.36   | 217          | <i>l87c</i>  |         |
| <i>g75b</i>                        | 49.44   | -15.51      | -32.31  | 35.84   | 244          | <i>c20v</i>  |         |
| <i>b00r</i>                        | 41.36   | 1.15        | -37.95  | 37.97   | 272          | <i>c53v</i>  |         |
| <i>b25r</i>                        | 28.74   | 27.19       | -46.77  | 54.1    | 300          | <i>c87v</i>  |         |
| <i>b50r</i>                        | 33.74   | 61.97       | -37.81  | 72.59   | 329          | <i>v68m</i>  |         |
| <i>b75r</i>                        | 40.08   | 64.26       | -3.32   | 64.35   | 357          | <i>m33o</i>  |         |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

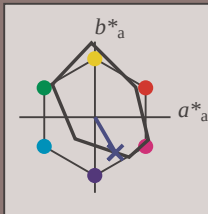
Bunttontexte:

$u_e^* = b25r$   $u_d^* = c87v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 29 27 -47

$LAB^*LCH^*_{Ma}$ : 29 54 300

$lab^*rgb^*_{Ma}$ : 0.5 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

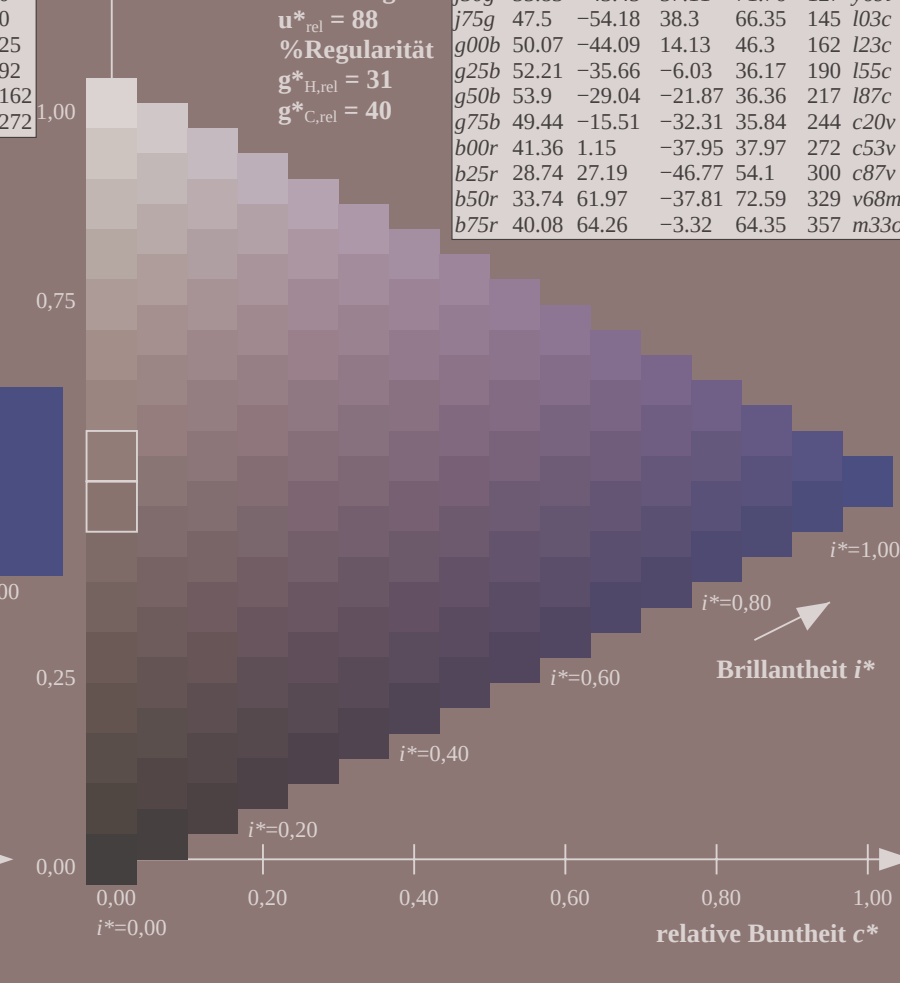
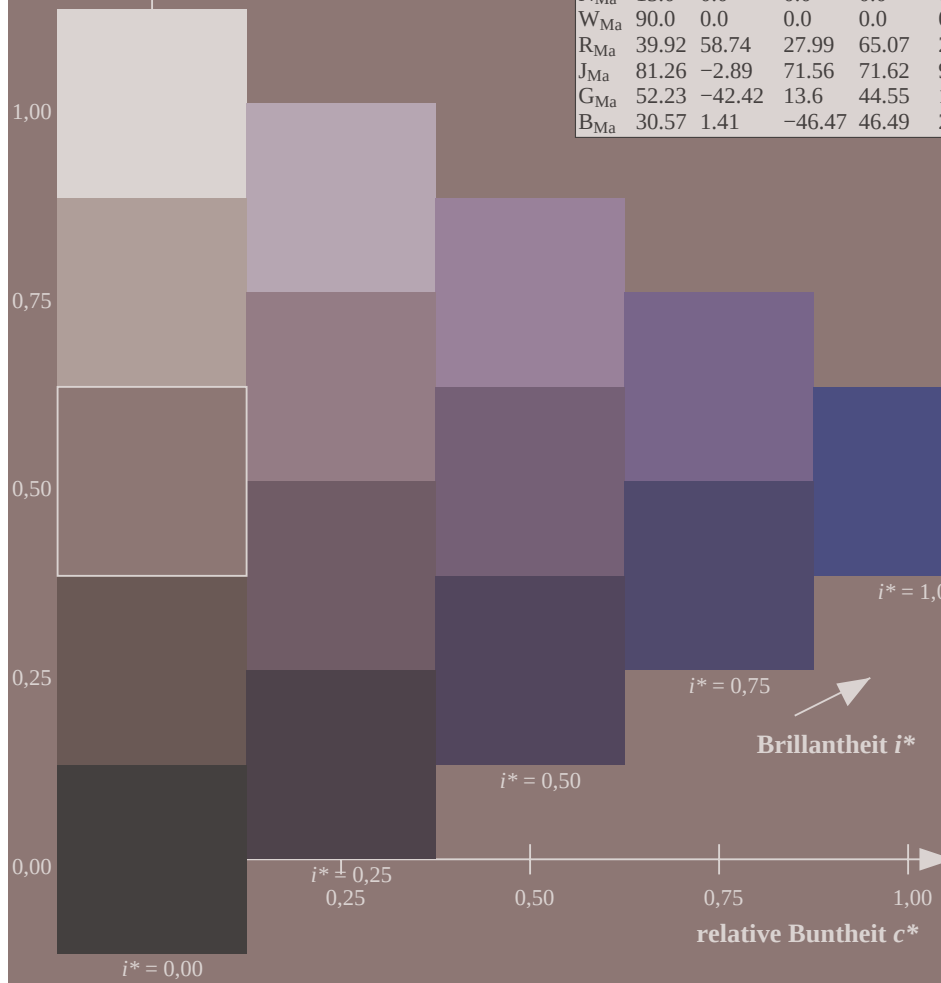
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u_d^*$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

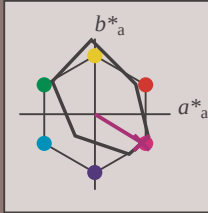
Bunttontexte:

$u_e^* = b50r$   $u_d^* = v68m$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 34 62 -38

$LAB^*LCH^*_{Ma}$ : 34 73 328

$lab^*rgb^*_{Ma}$ : 1.0 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

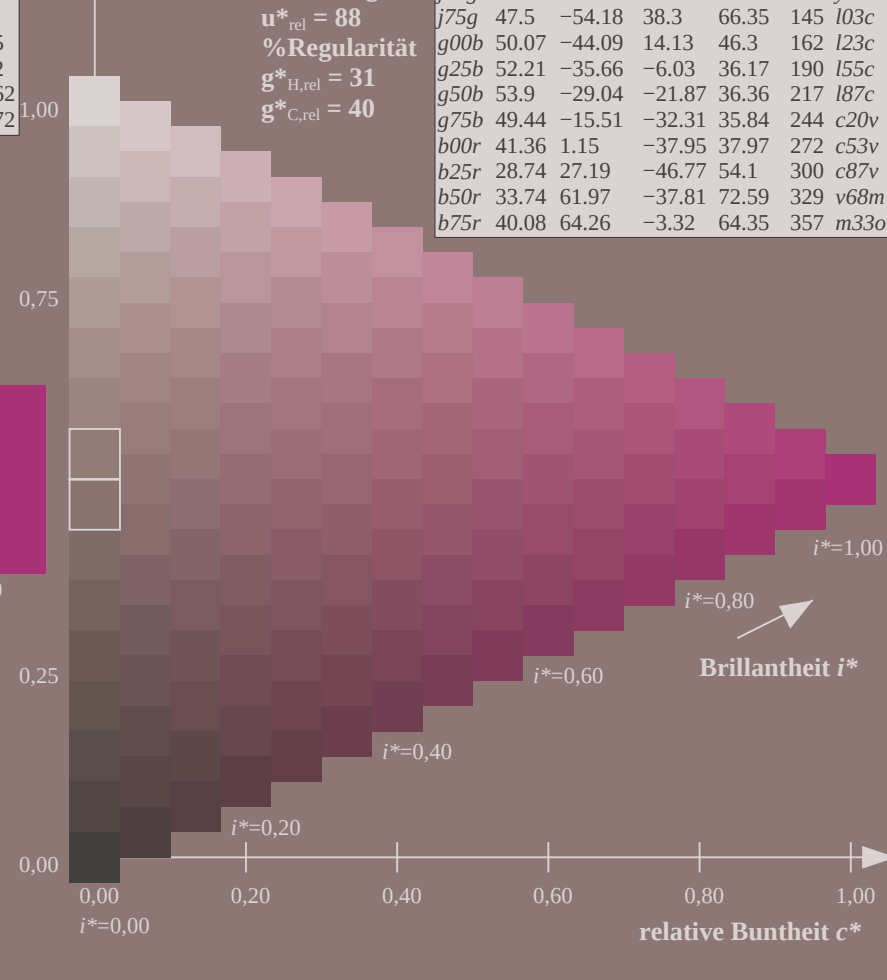
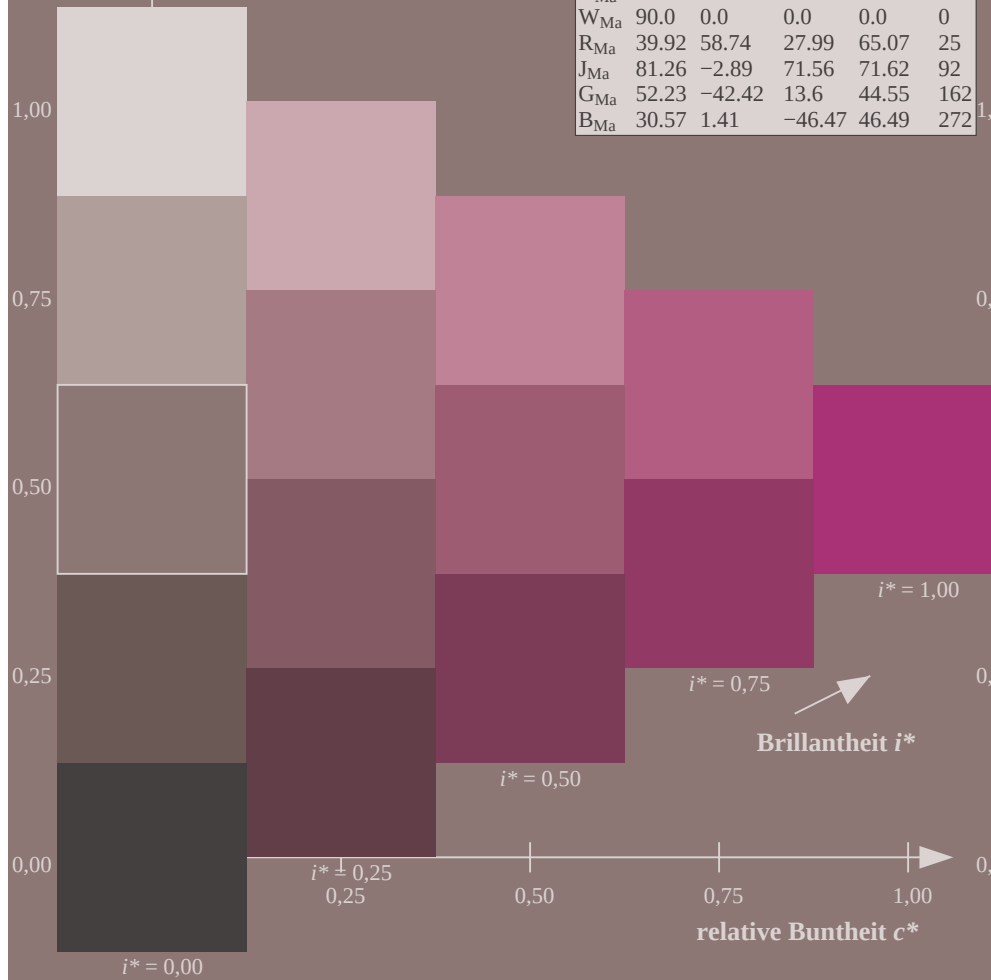
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |                      |
|------------------------------------|---------|-------------|---------|---------|--------------|----------------------|
|                                    | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ $u_d^*$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o                 |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y                 |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y                 |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y                 |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y                 |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l                 |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l                 |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c                 |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c                 |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c                 |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c                 |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v                 |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v                 |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v                 |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m                 |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o                 |

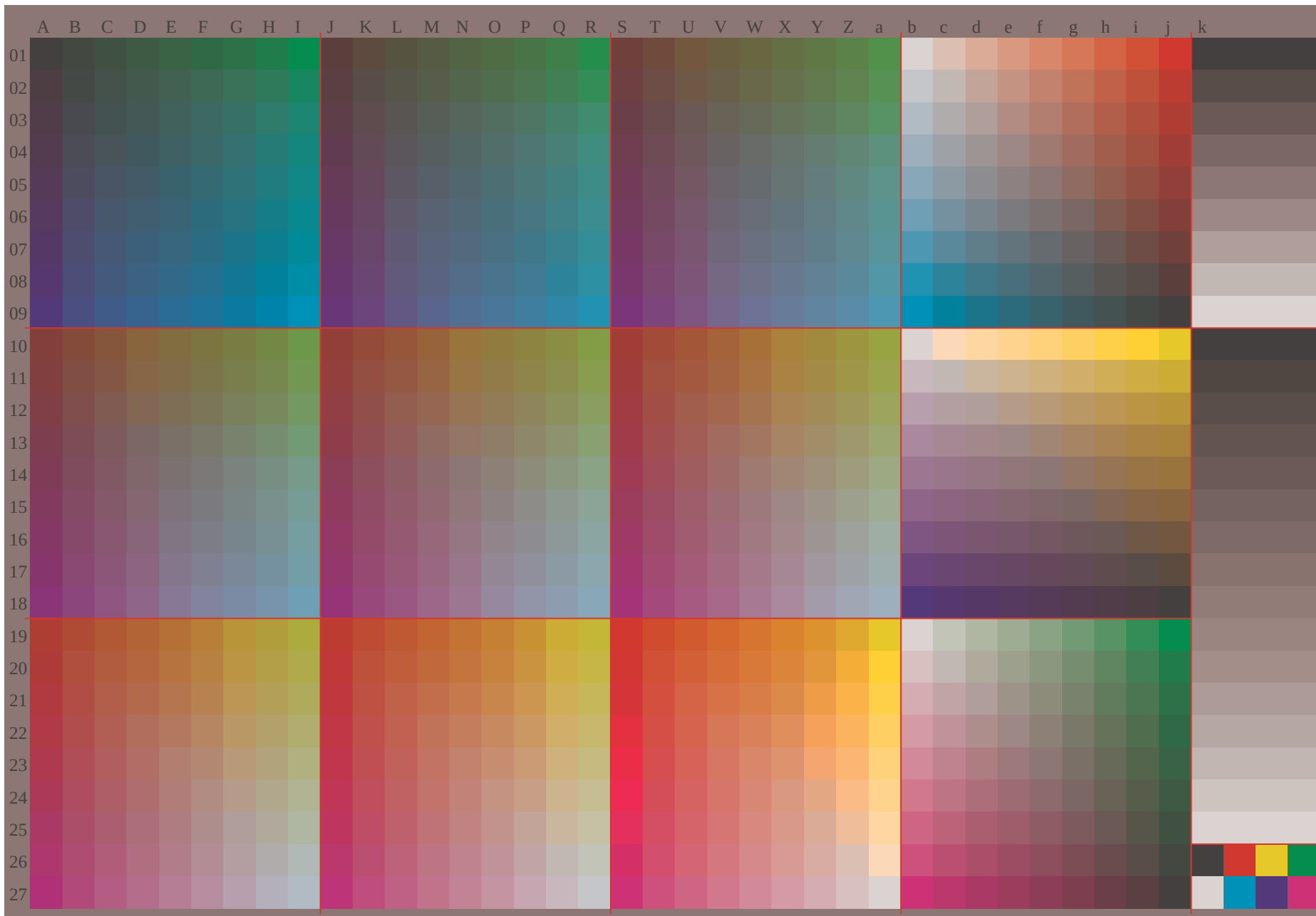


BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen





BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11/](http://www.ps.bam.de/Eg11/)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,%20io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS15\_90a  
Daten für jede Farbe:

$u^*_e$  und Nummer Nr. = 00 .. 15

Elementar-Bunttontext:

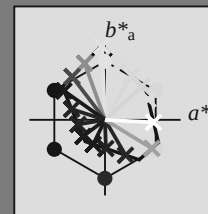
$u^*_e = 16$  Bunttoene *r00j*, *r25j*, ..., *b75r*

Kontrastreduzierungsfaktor:

$c_R = 0.9$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$     | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$     |
|-------------|-------------|---------|---------|--------------|--------------|-------------|
| <i>r00j</i> | 39.18       | 56.94   | 27.13   | 63.07        | 25           | <i>m81o</i> |
| <i>r25j</i> | 42.41       | 49.1    | 44.5    | 66.26        | 42           | <i>o10y</i> |
| <i>r50j</i> | 52.78       | 35.22   | 58.37   | 68.17        | 59           | <i>o40y</i> |
| <i>r75j</i> | 64.82       | 19.12   | 74.47   | 76.89        | 76           | <i>o69y</i> |
| <i>j00g</i> | 82.06       | -3.94   | 97.52   | 97.6         | 92           | <i>o98y</i> |
| <i>j25g</i> | 67.26       | -26.87  | 74.67   | 79.36        | 110          | <i>y34l</i> |
| <i>j50g</i> | 55.83       | -43.45  | 57.11   | 71.76        | 127          | <i>y69l</i> |
| <i>j75g</i> | 47.5        | -54.18  | 38.3    | 66.35        | 145          | <i>l03c</i> |
| <i>g00b</i> | 50.07       | -44.09  | 14.13   | 46.3         | 162          | <i>l23c</i> |
| <i>g25b</i> | 52.21       | -35.66  | -6.03   | 36.17        | 190          | <i>l55c</i> |
| <i>g50b</i> | 53.9        | -29.04  | -21.87  | 36.36        | 217          | <i>l87c</i> |
| <i>g75b</i> | 49.44       | -15.51  | -32.31  | 35.84        | 244          | <i>c20v</i> |
| <i>b00r</i> | 41.36       | 1.15    | -37.95  | 37.97        | 272          | <i>c53v</i> |
| <i>b25r</i> | 28.74       | 27.19   | -46.77  | 54.1         | 300          | <i>c87v</i> |
| <i>b50r</i> | 33.74       | 61.97   | -37.81  | 72.59        | 329          | <i>v68m</i> |
| <i>b75r</i> | 40.08       | 64.26   | -3.32   | 64.35        | 357          | <i>m33o</i> |



%Umfang

$u^*_{rel} = 88$

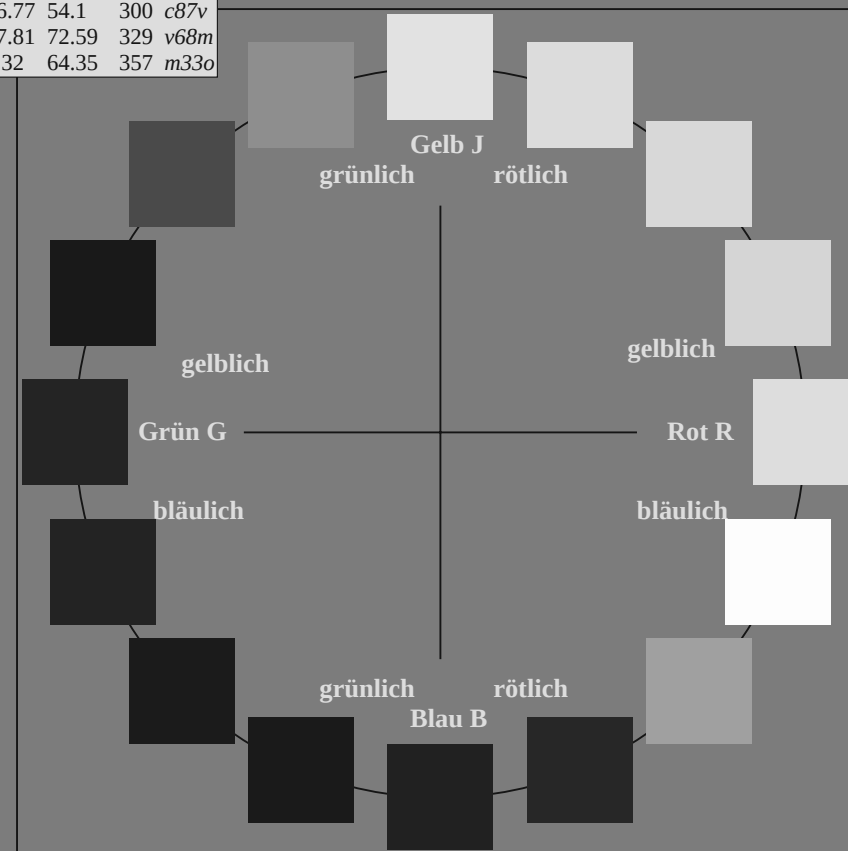
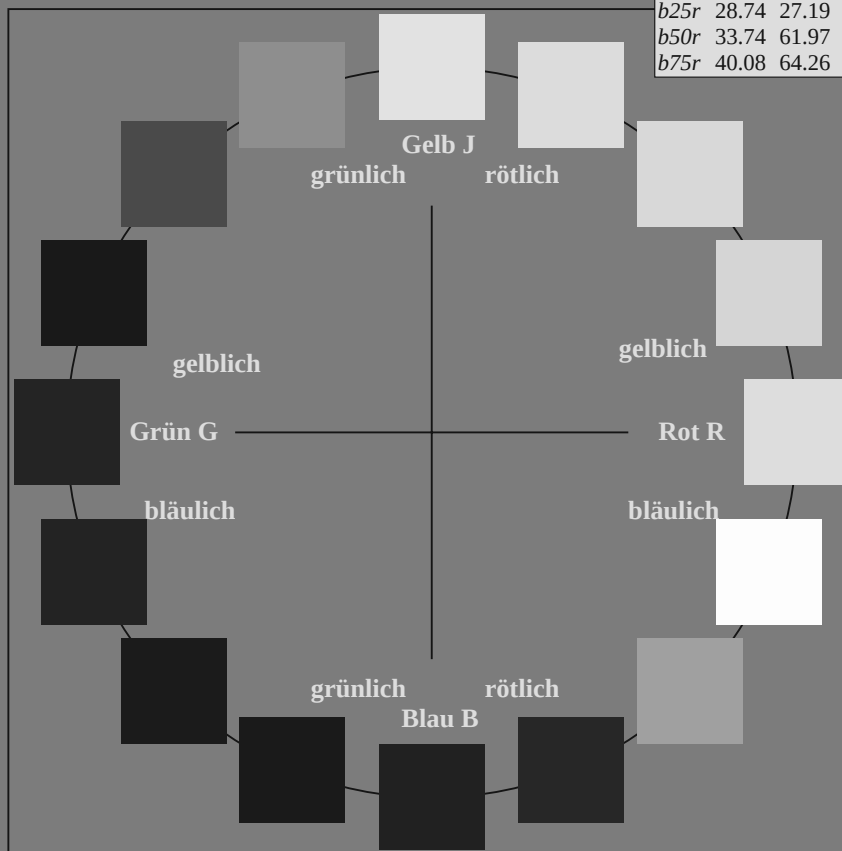
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| Name             | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub>  | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub>  | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub>  | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub>  | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub>  | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub>  | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>  | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>CIE</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>CIE</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

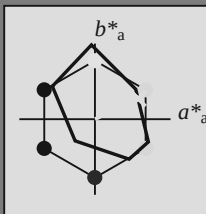
Bunttontexte:

$u_e^* = r00j$   $u_d^* = m81o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$         | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 39 57 27

$LAB^*LCH^*Ma$ : 39 63 25

$lab^*rgb^*Ma$ : 1.0 0.0 0.0

$lab^*olv^*Ma$ : 1.0 0.0 0.18

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

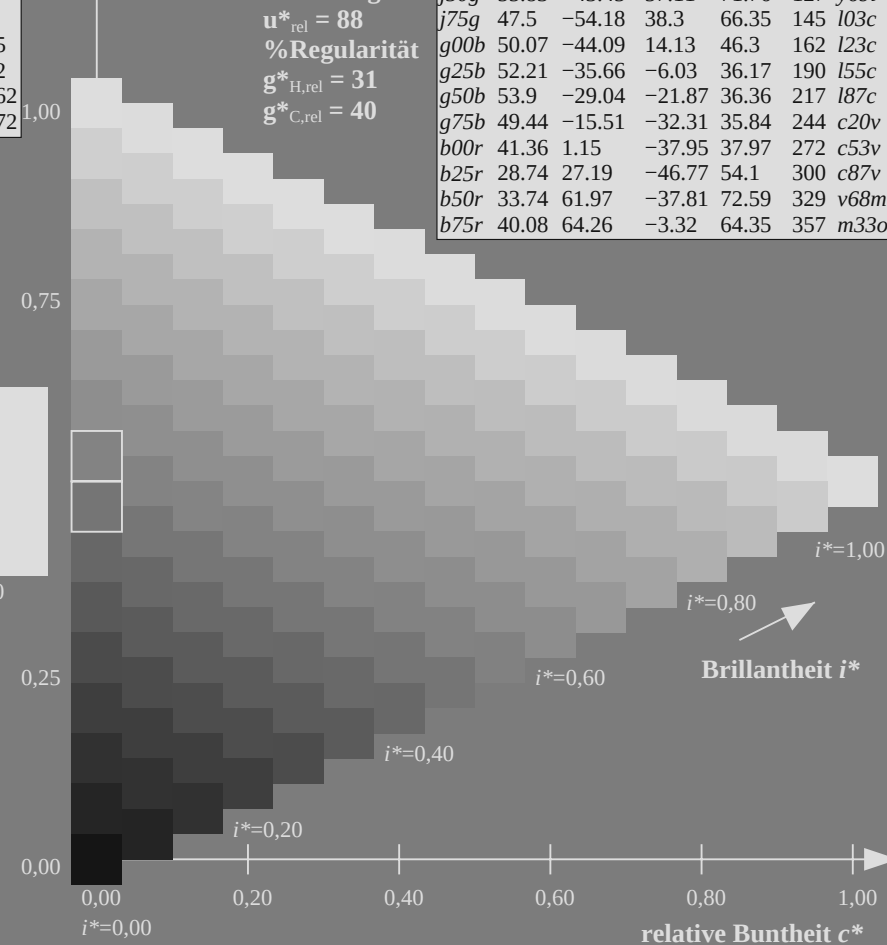
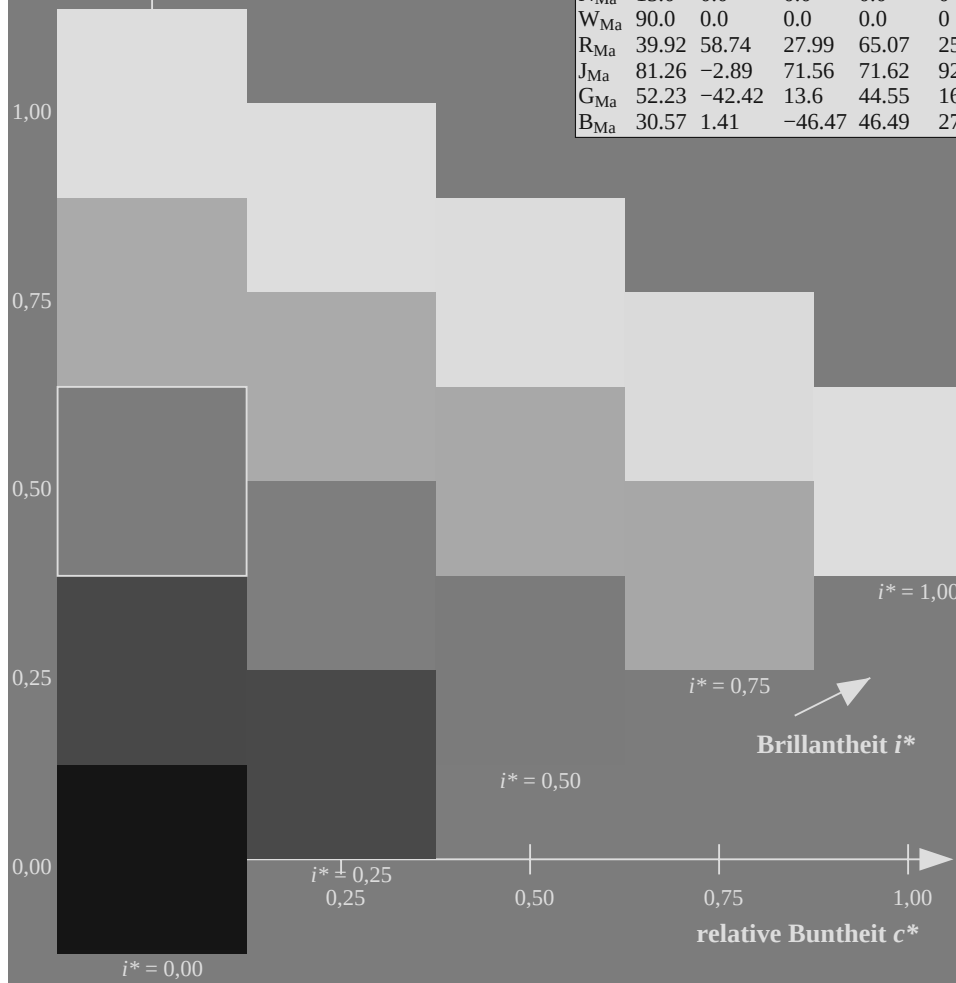
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

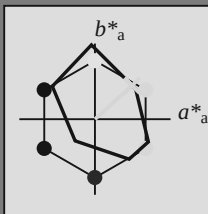
Bunttontexte:

$u_e^* = r25j$   $u_d^* = o10y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$         | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 42 49 44

$LAB^*LCH^*Ma$ : 42 66 42

$lab^*rgb^*Ma$ : 1.0 0.25 0.0

$lab^*olv^*Ma$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

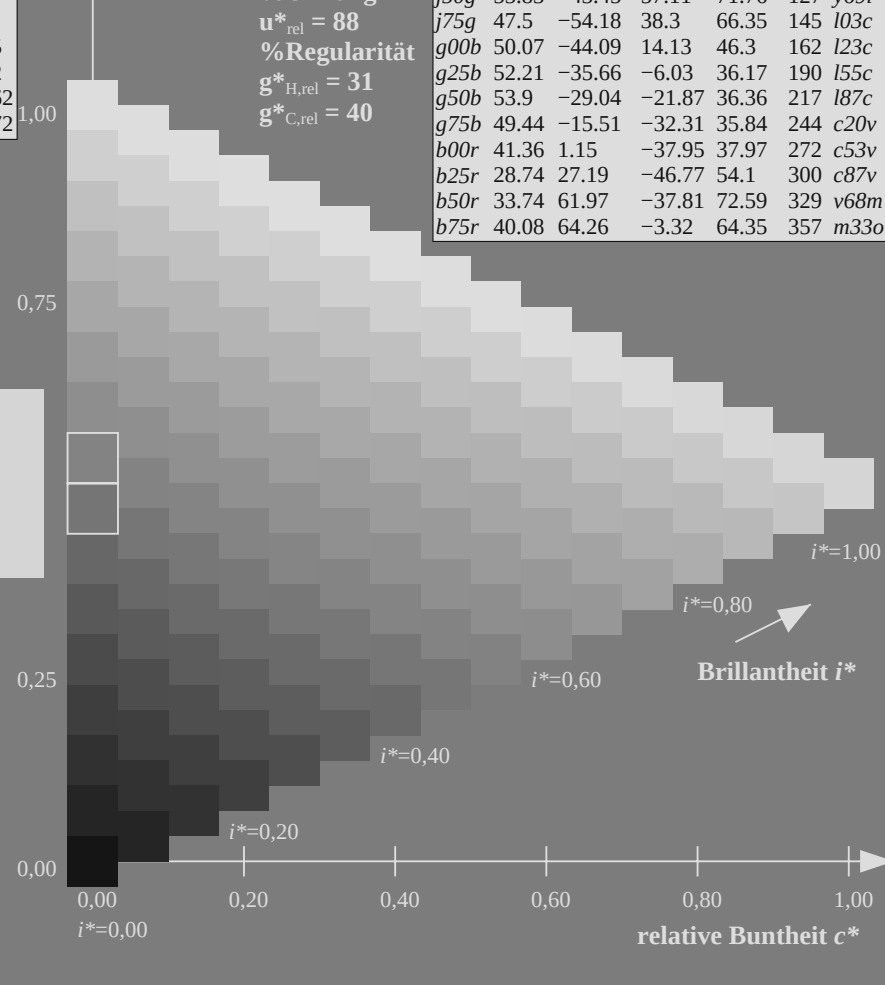
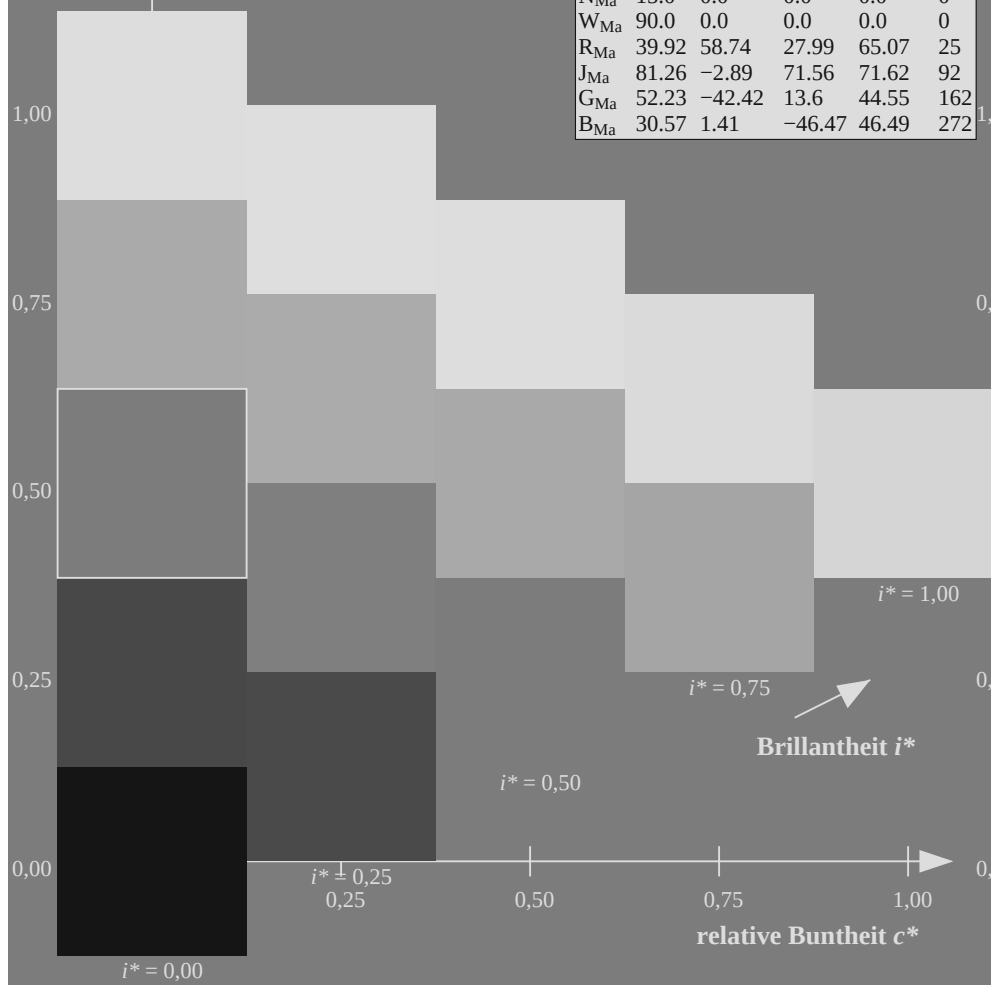
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

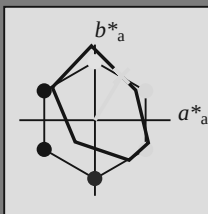
Bunttontexte:

$u_e^* = r50j$   $u_d^* = o40y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$         | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 53 35 58

$LAB^*LCH^*Ma$ : 53 68 58

$lab^*rgb^*Ma$ : 1.0 0.5 0.0

$lab^*olv^*Ma$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

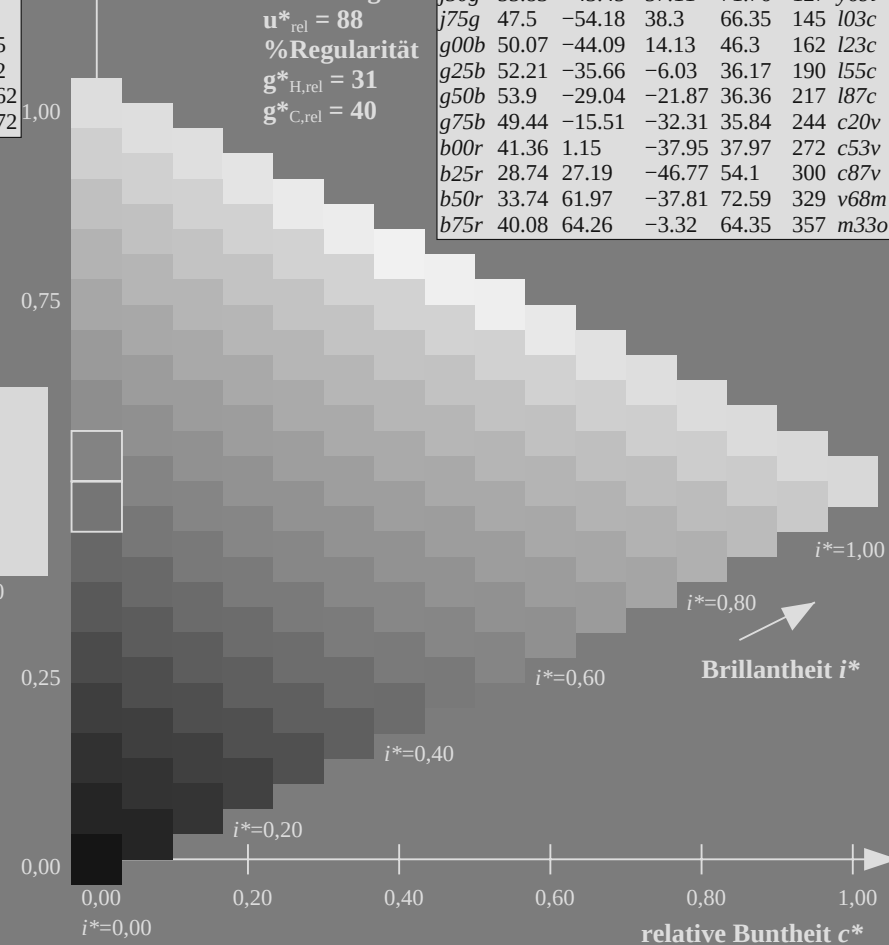
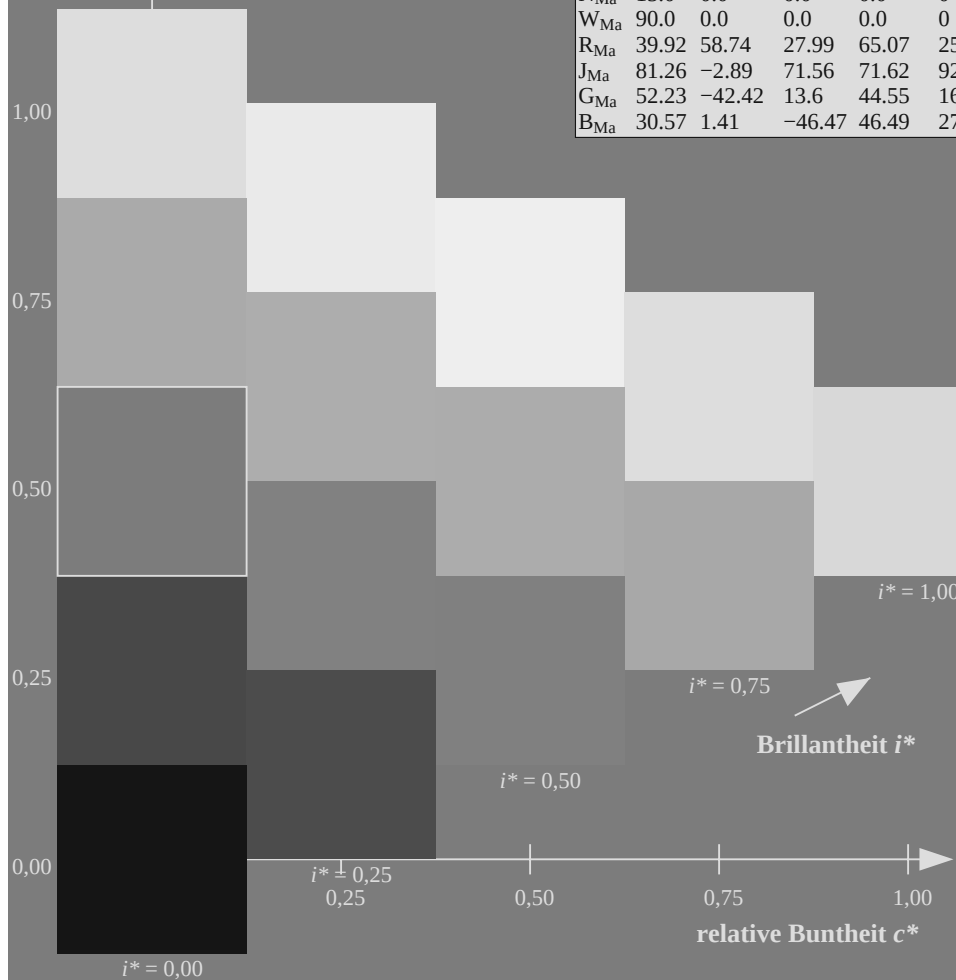
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,%20io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

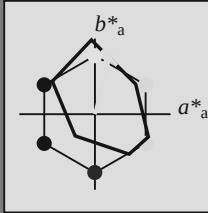
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 65 19 74

$LAB^*LCH^*_{Ma}$ : 65 77 75

$lab^*rgb^*_{Ma}$ : 1.0 0.75 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

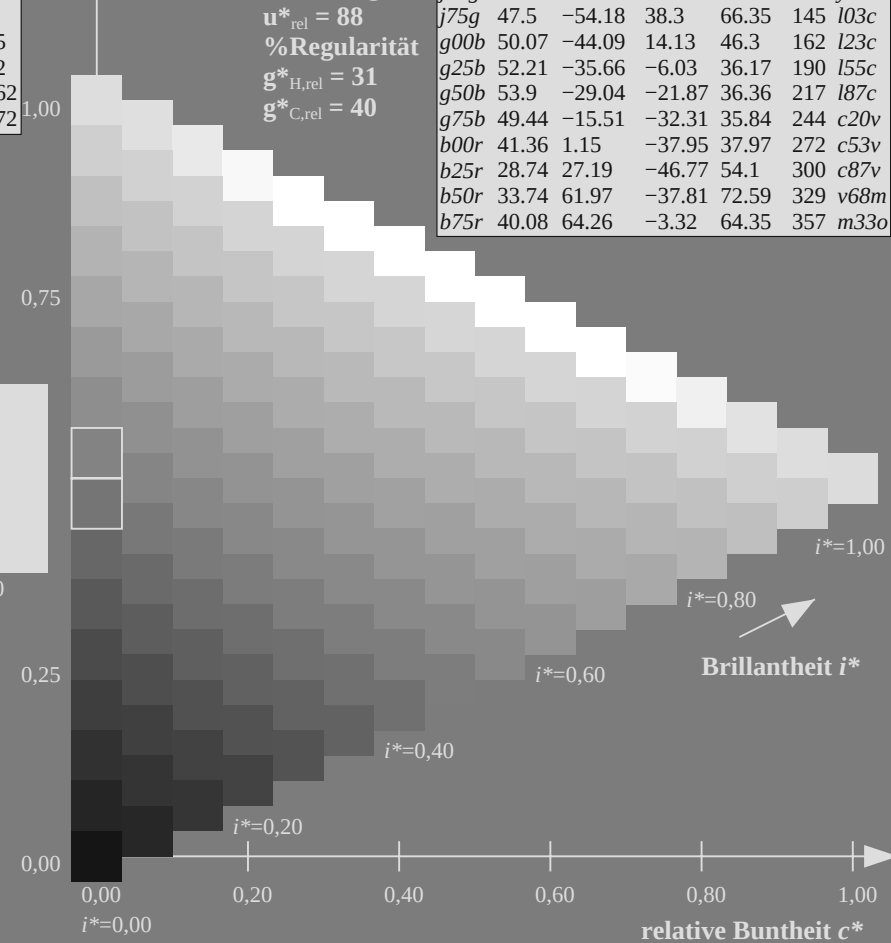
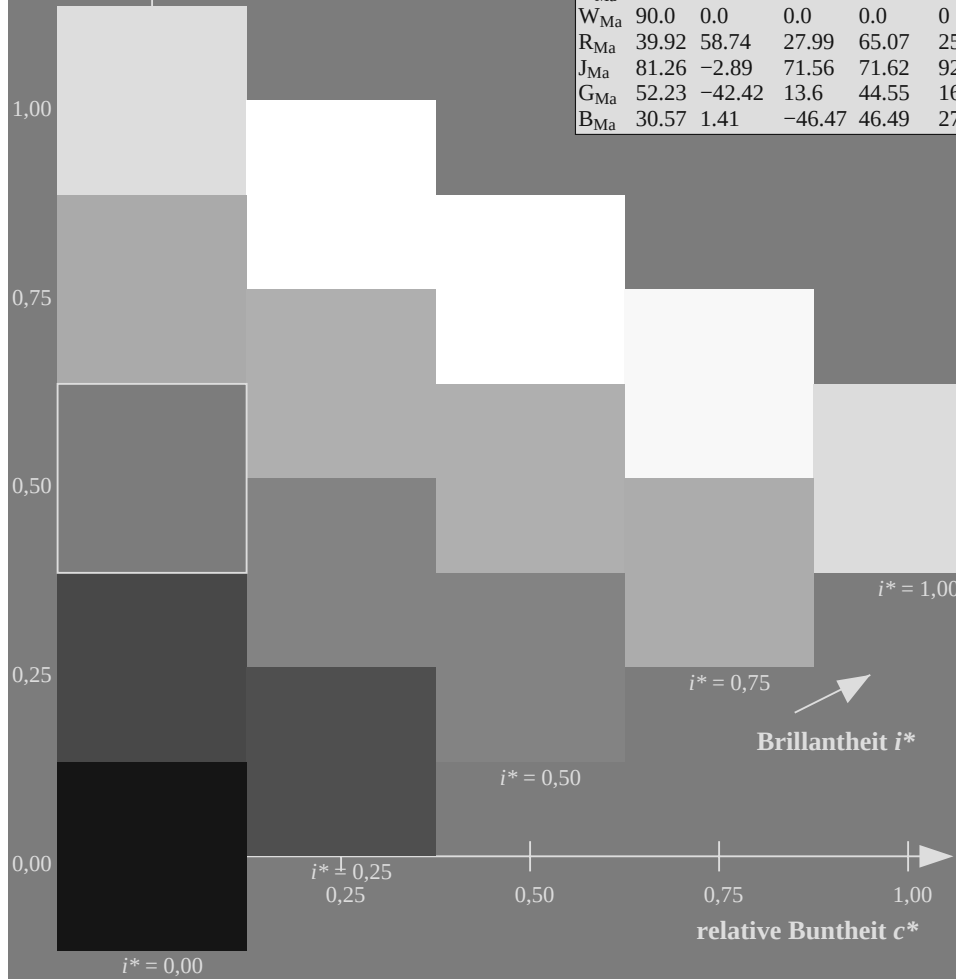
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,%20io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

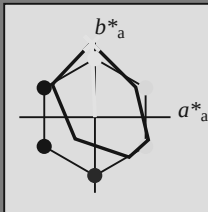
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 82 -4 98

$LAB^*LCH^*_{Ma}$ : 82 98 92

$lab^*rgb^*_{Ma}$ : 1.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.99 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

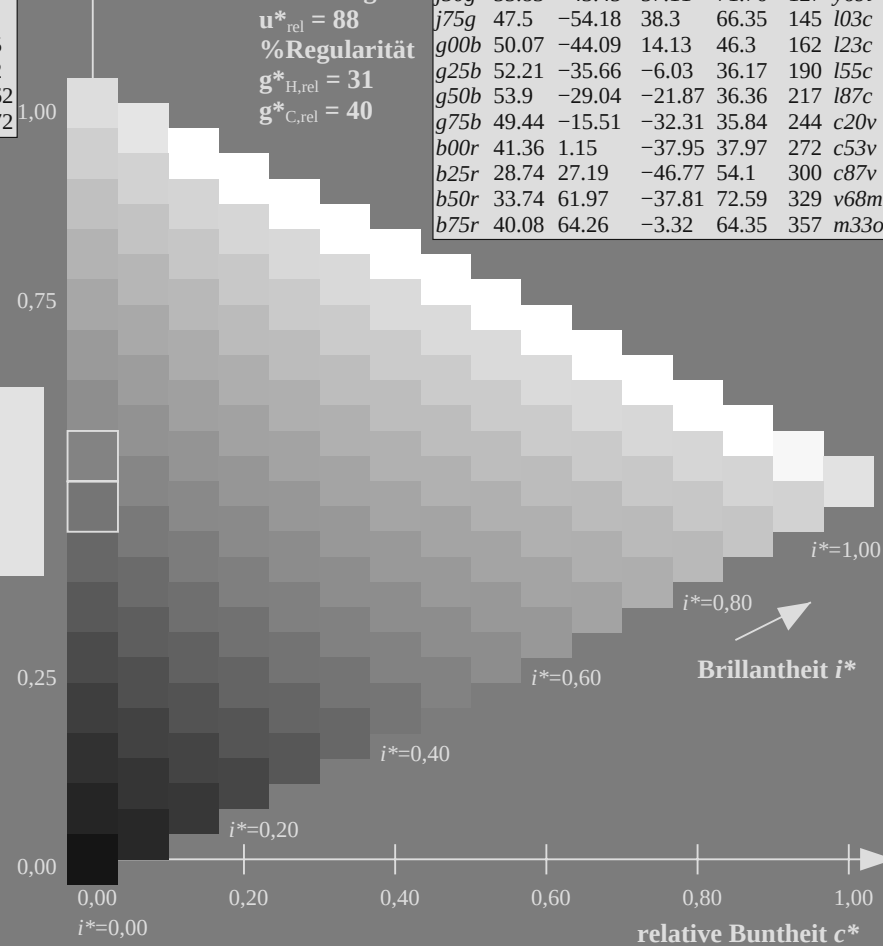
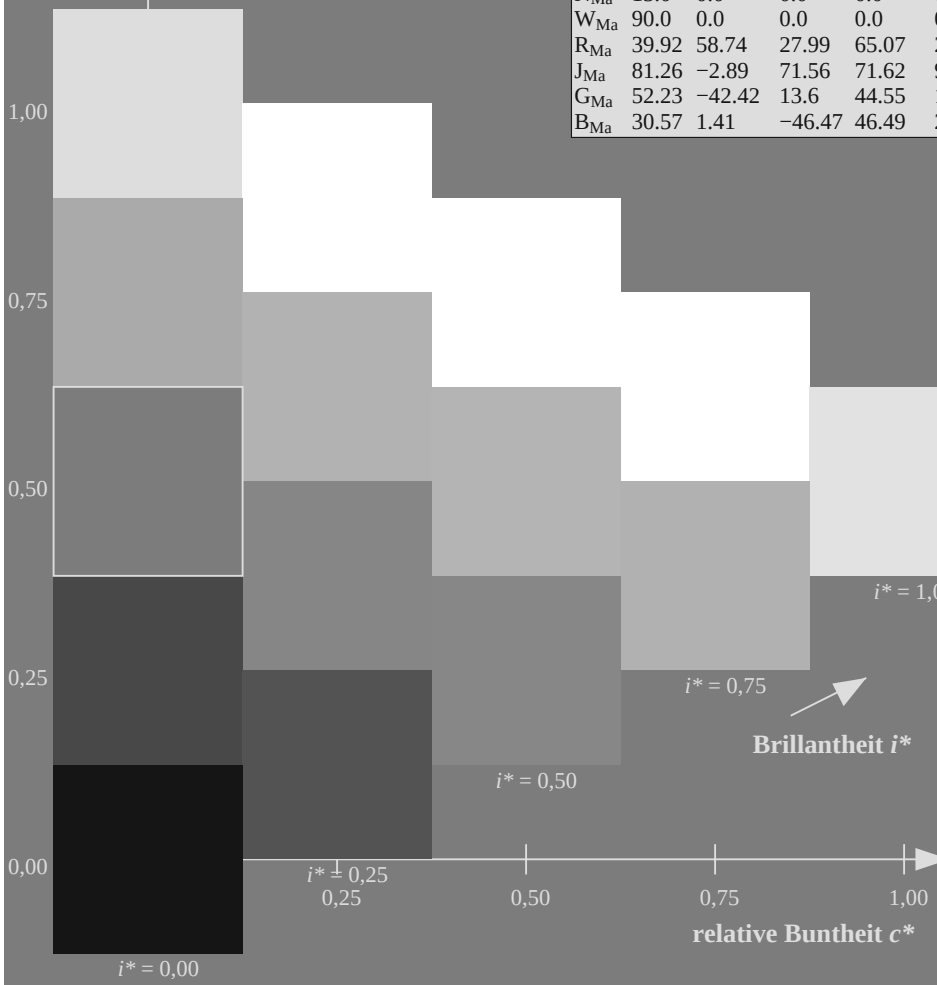
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

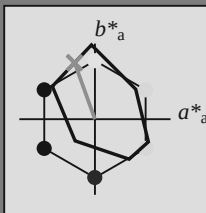
Bunttontexte:

$u_e^* = j25g$   $u_d^* = y34l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$         | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 67 -27 75

$LAB^*LCH^*Ma$ : 67 79 109

$lab^*rgb^*Ma$ : 0.75 1.0 0.0

$lab^*olv^*Ma$ : 0.66 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

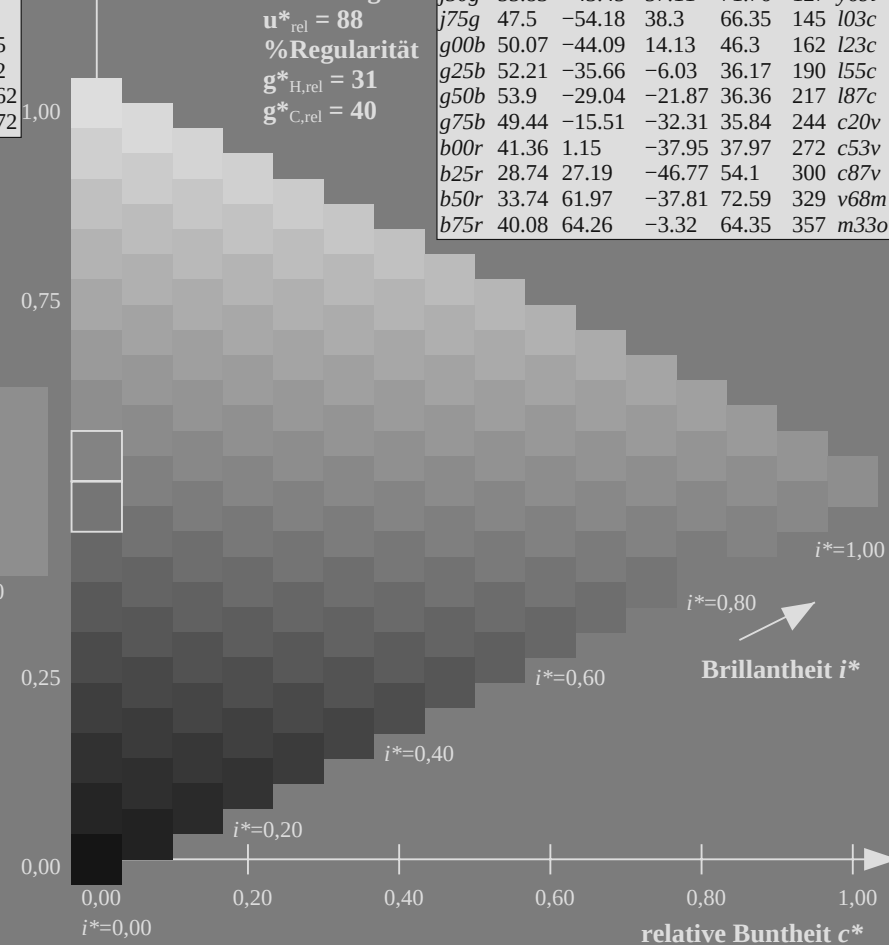
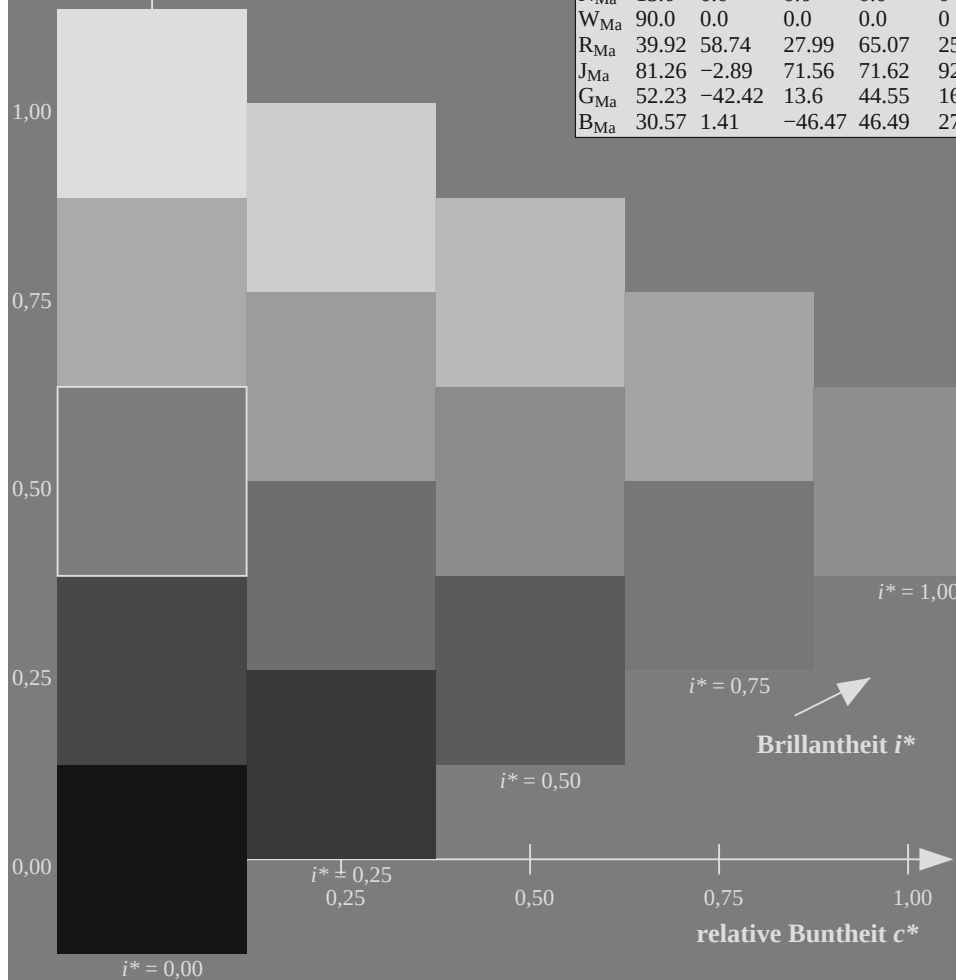
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

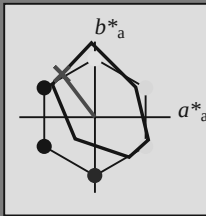
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|--|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |  |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |  |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |  |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |  |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |  |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |  |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |  |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |  |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |  |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |  |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |  |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 56 -43 57

$LAB^*LCH^*_{Ma}$ : 56 72 127

$lab^*rgb^*_{Ma}$ : 0.5 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

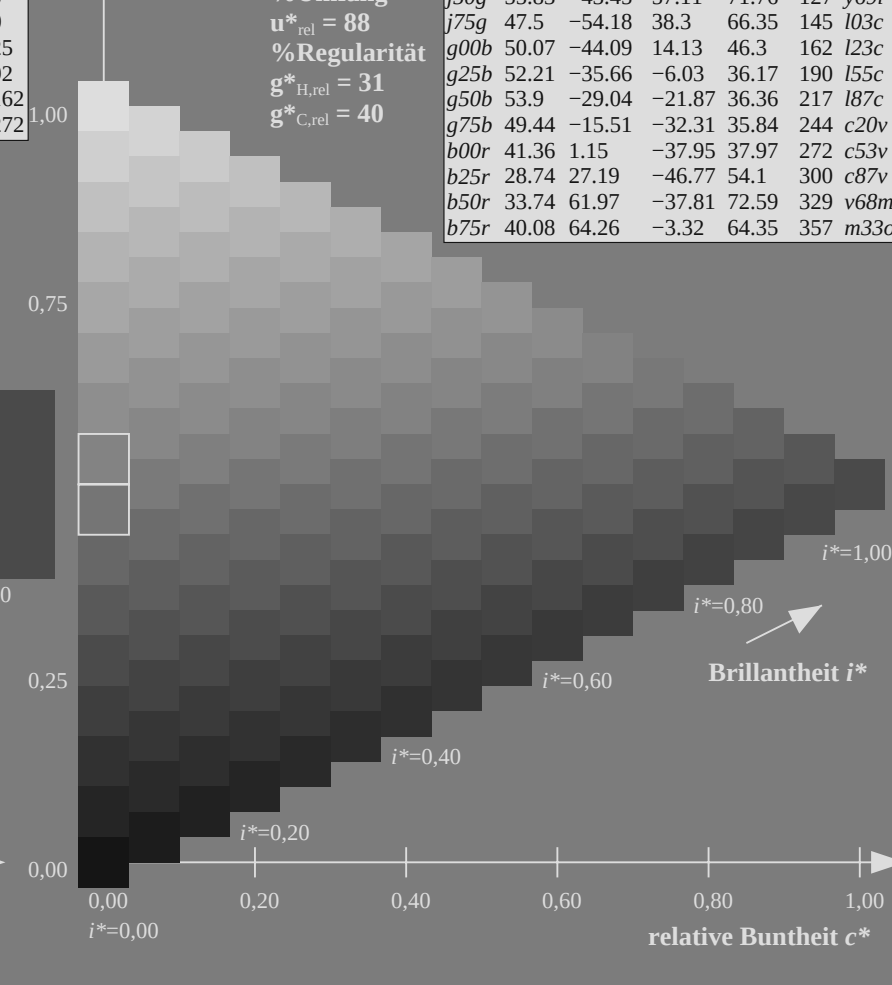
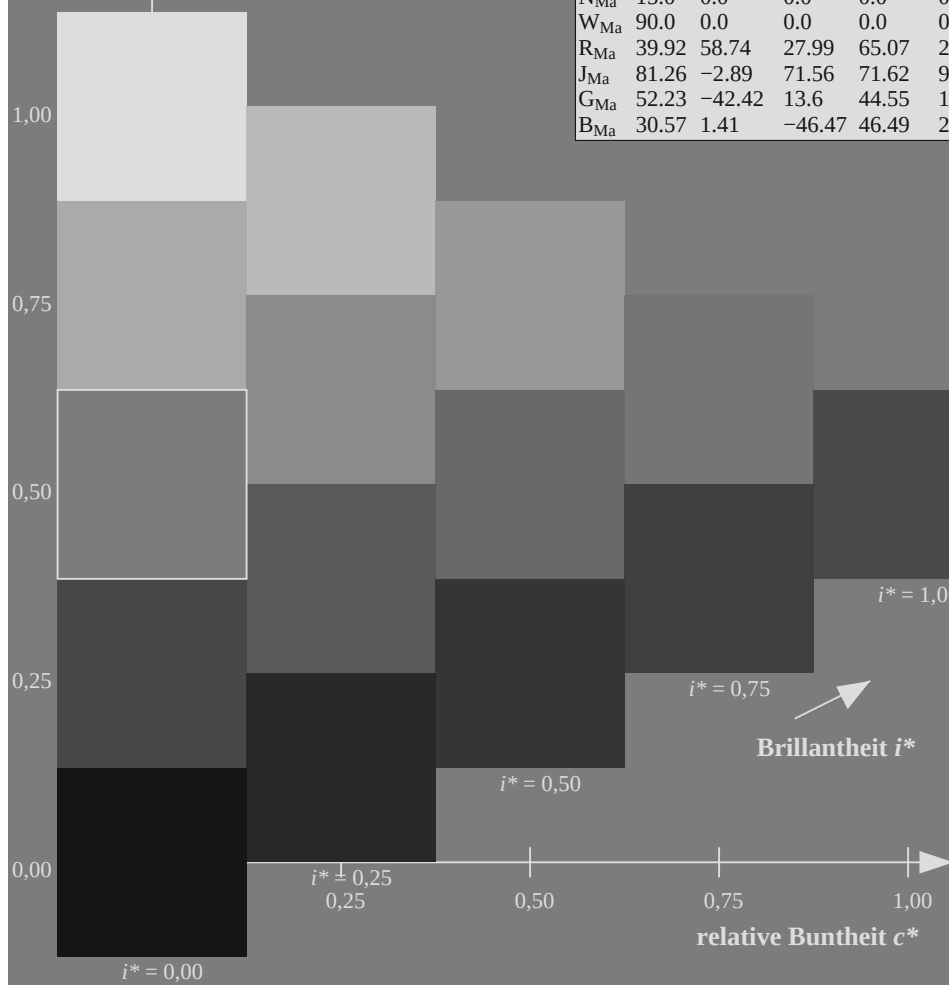
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|--|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |  |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |  |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |  |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |  |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |  |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |  |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |  |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |  |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |  |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |  |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |  |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |  |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |  |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |  |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |  |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |  |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |  |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

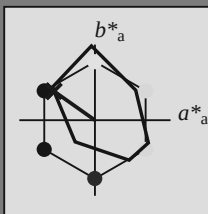
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

$lab^*rgb^*_{Ma}$ : 0.25 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

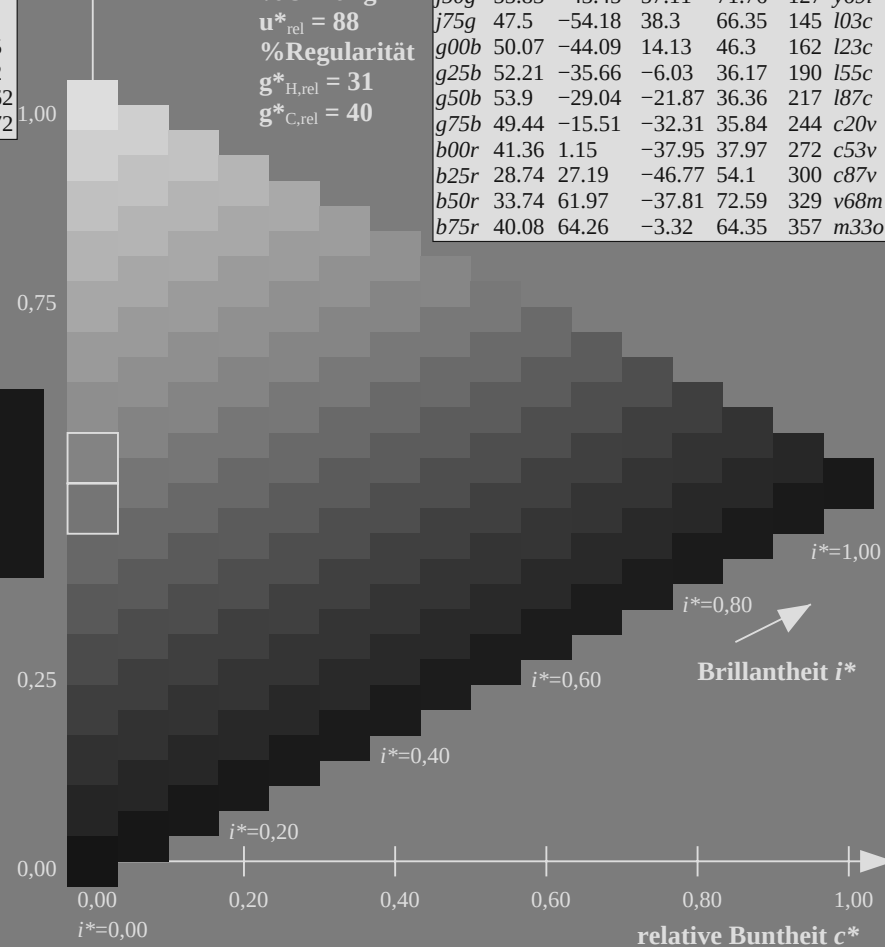
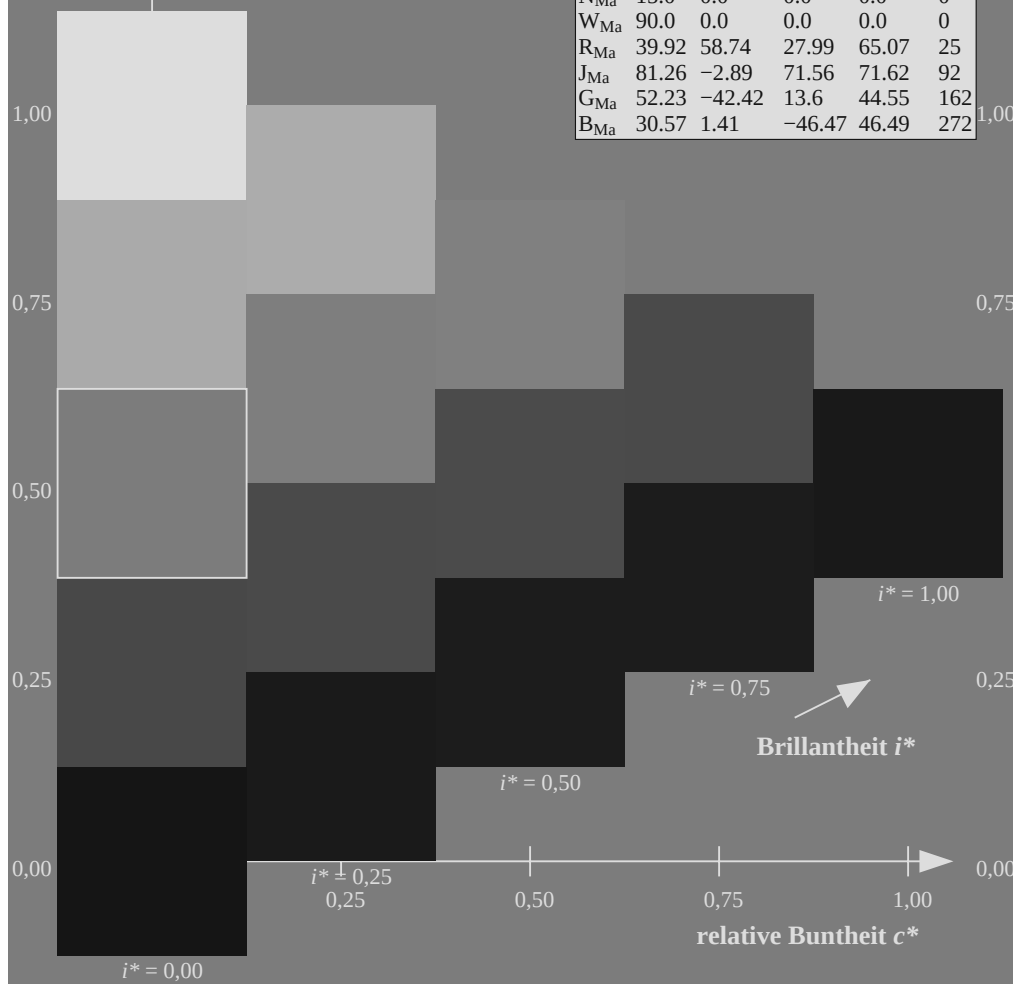
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | i03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | i23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | i55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | i87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

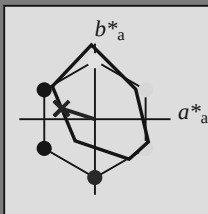
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -44 14

$LAB^*LCH^*_{Ma}$ : 50 46 162

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

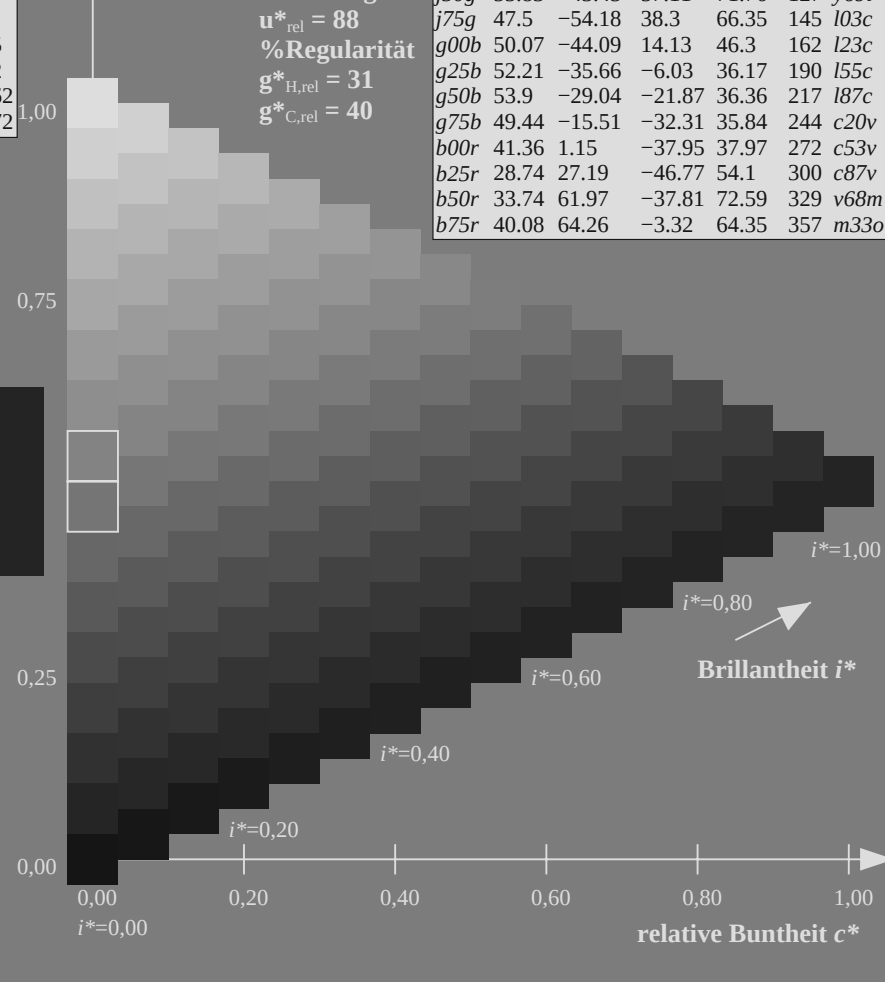
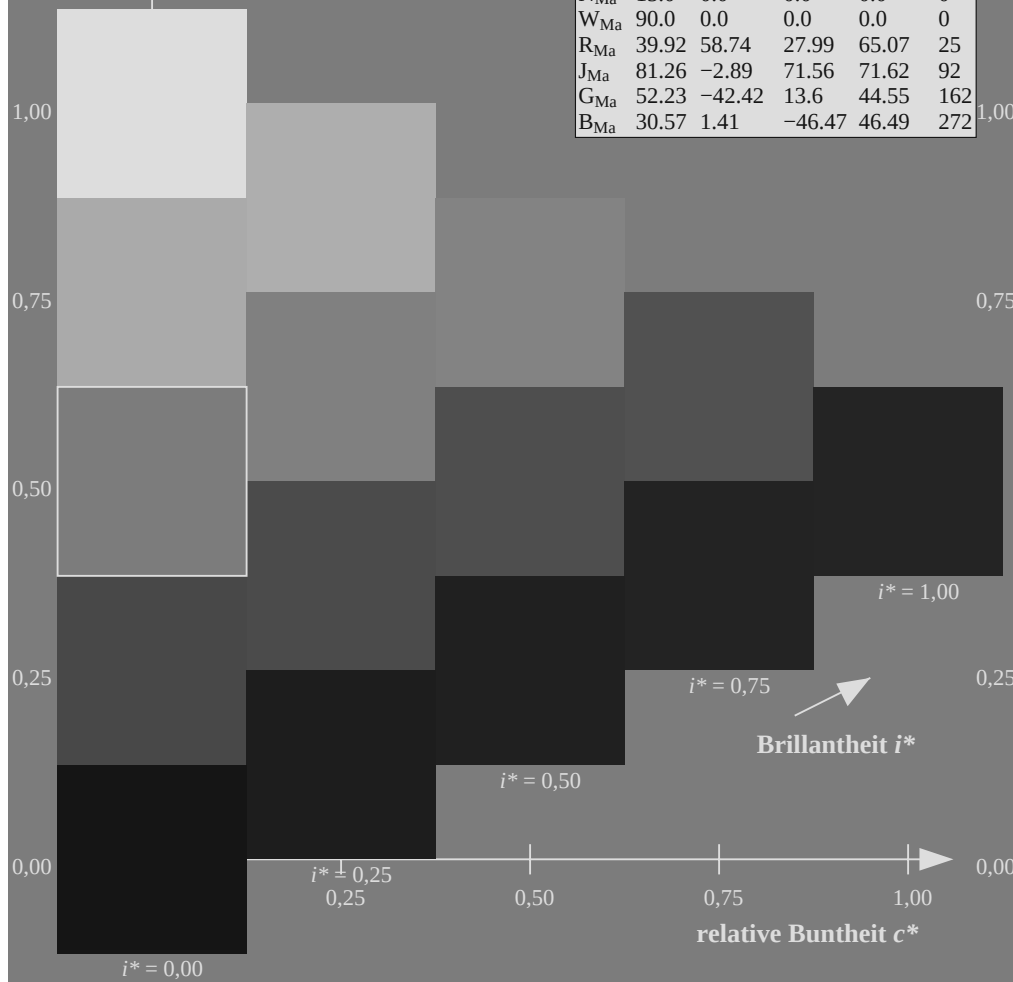
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

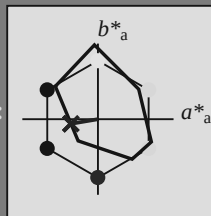
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.5

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

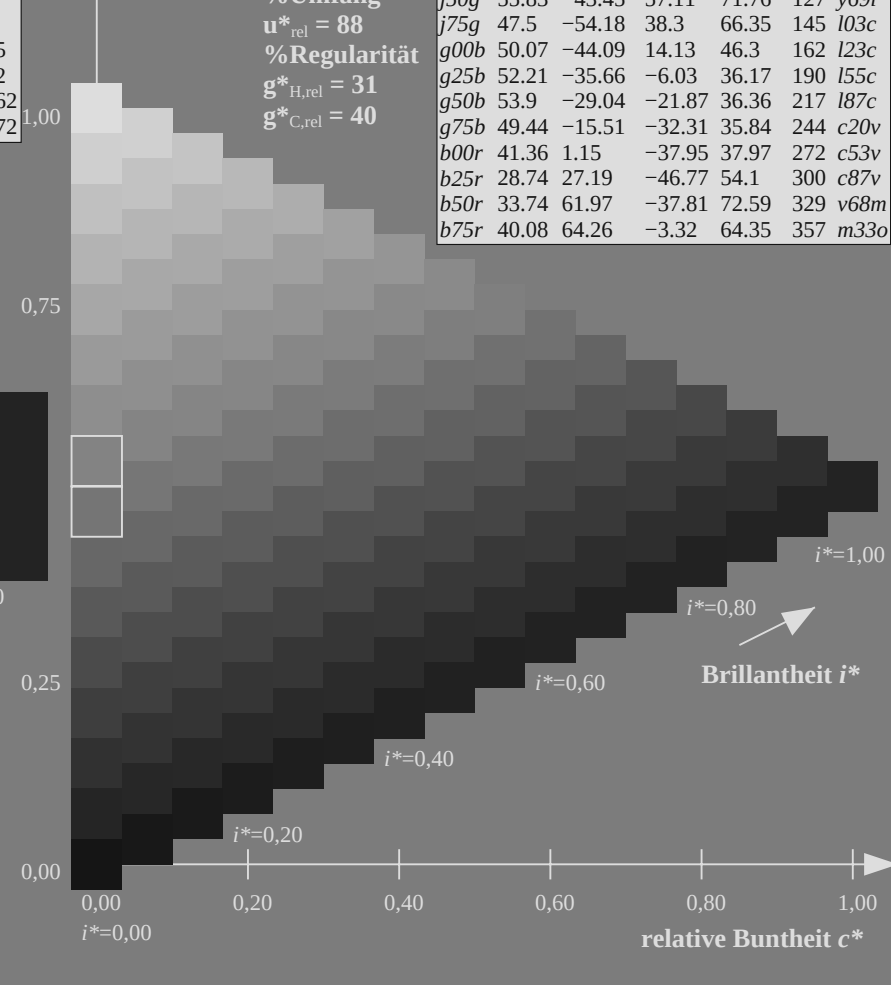
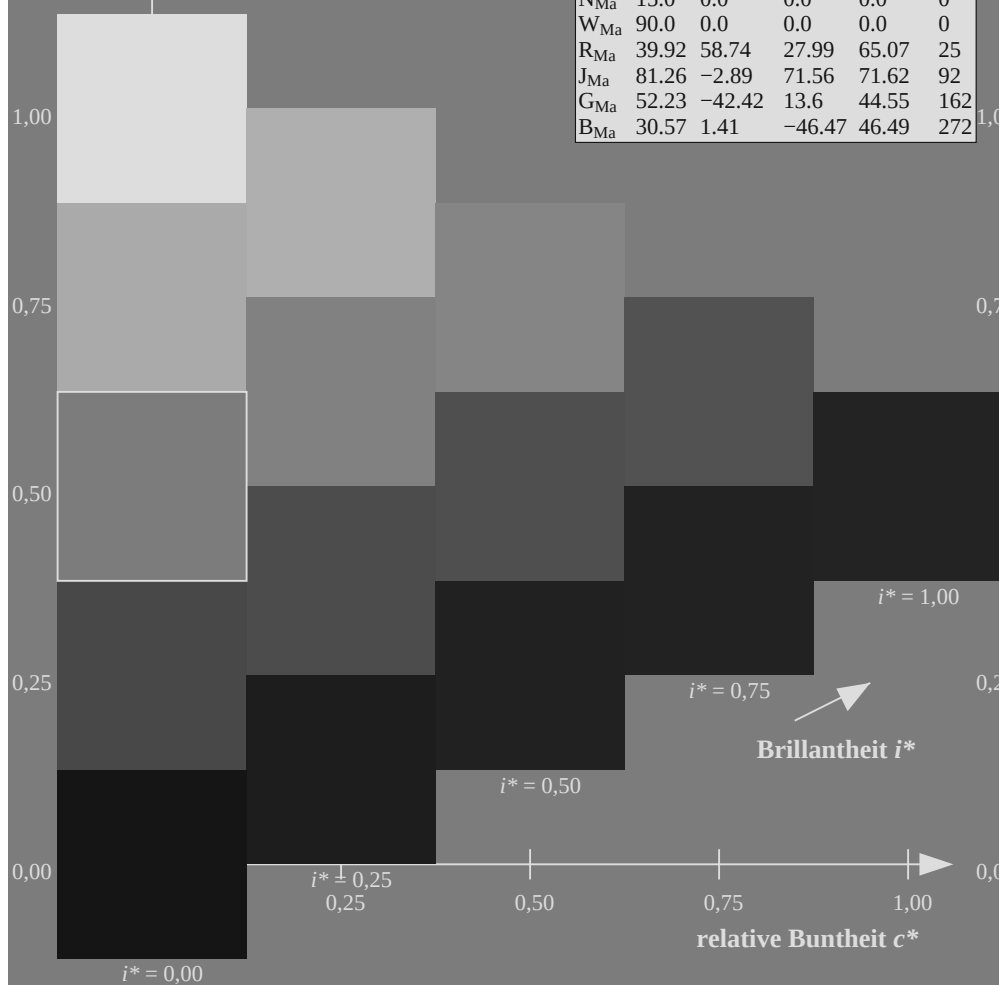
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |





Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

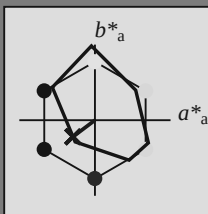
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

$lab^*rgb^*_{Ma}$ : 0.0 1.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $t^*$

%Umfang

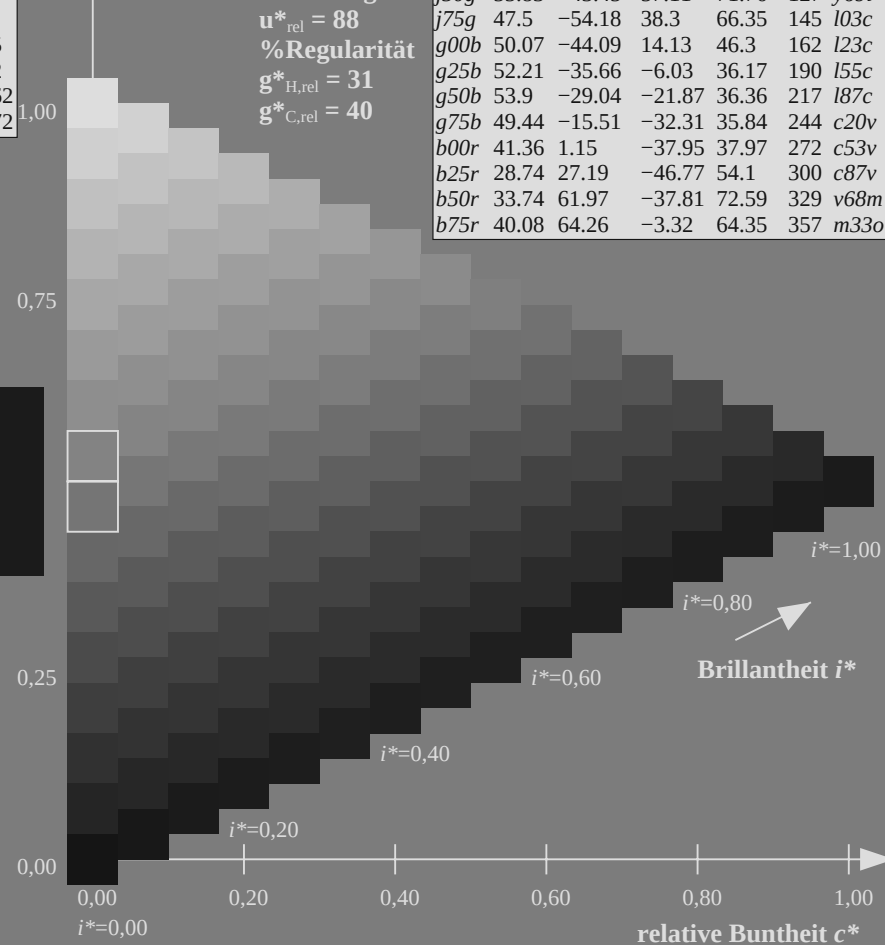
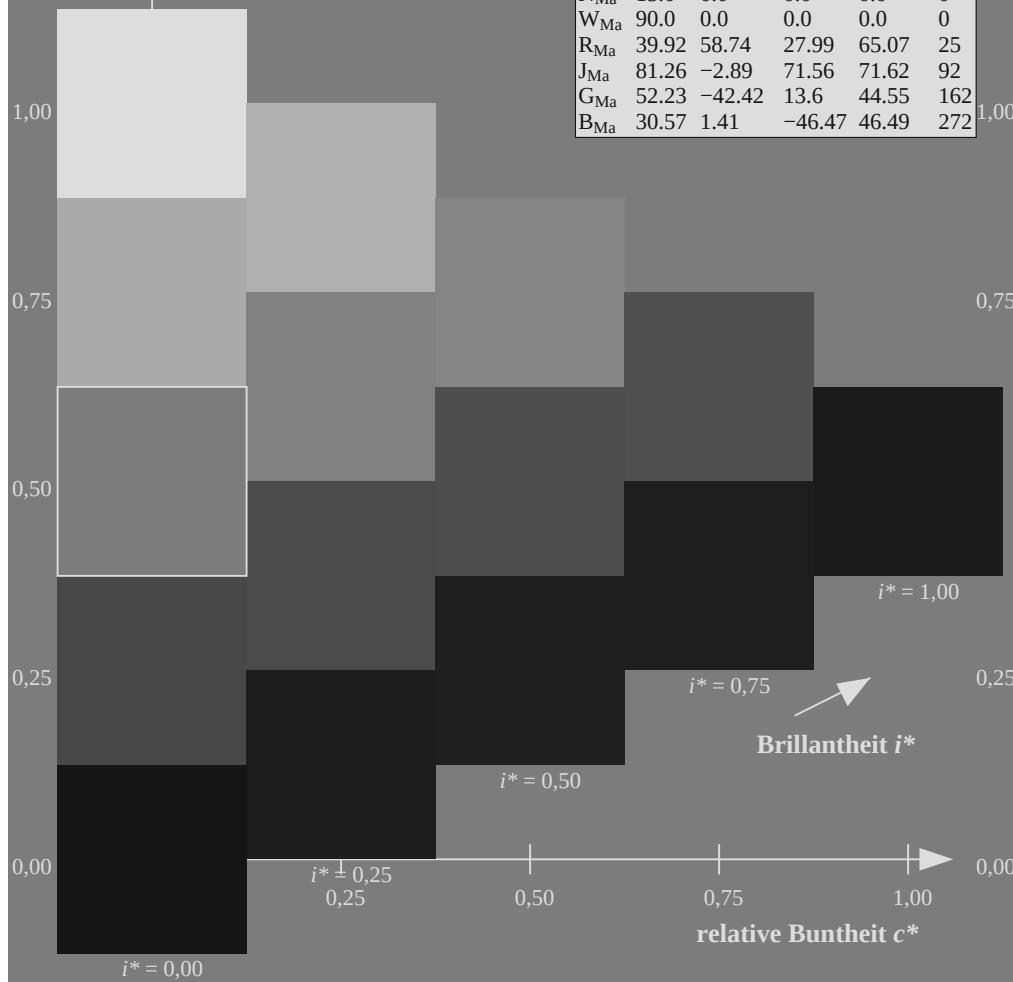
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |                      |
|------------------------------------|---------|-------------|---------|---------|--------------|----------------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ $u^*_d$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o                 |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y                 |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y                 |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y                 |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y                 |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l                 |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l                 |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c                 |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c                 |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c                 |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c                 |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v                 |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v                 |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v                 |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m                 |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o                 |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

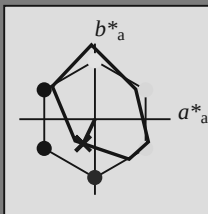
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 49 -16 -32

$LAB^*LCH^*_{Ma}$ : 49 36 244

$lab^*rgb^*_{Ma}$ : 0.0 0.5 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

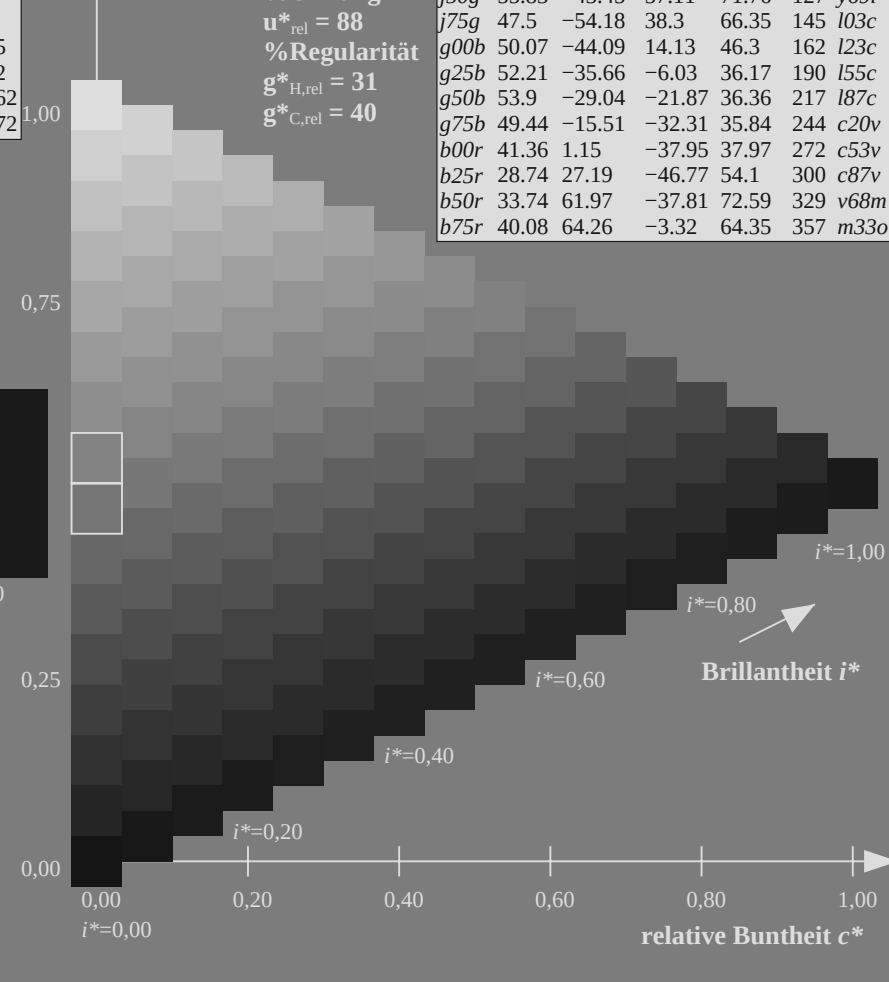
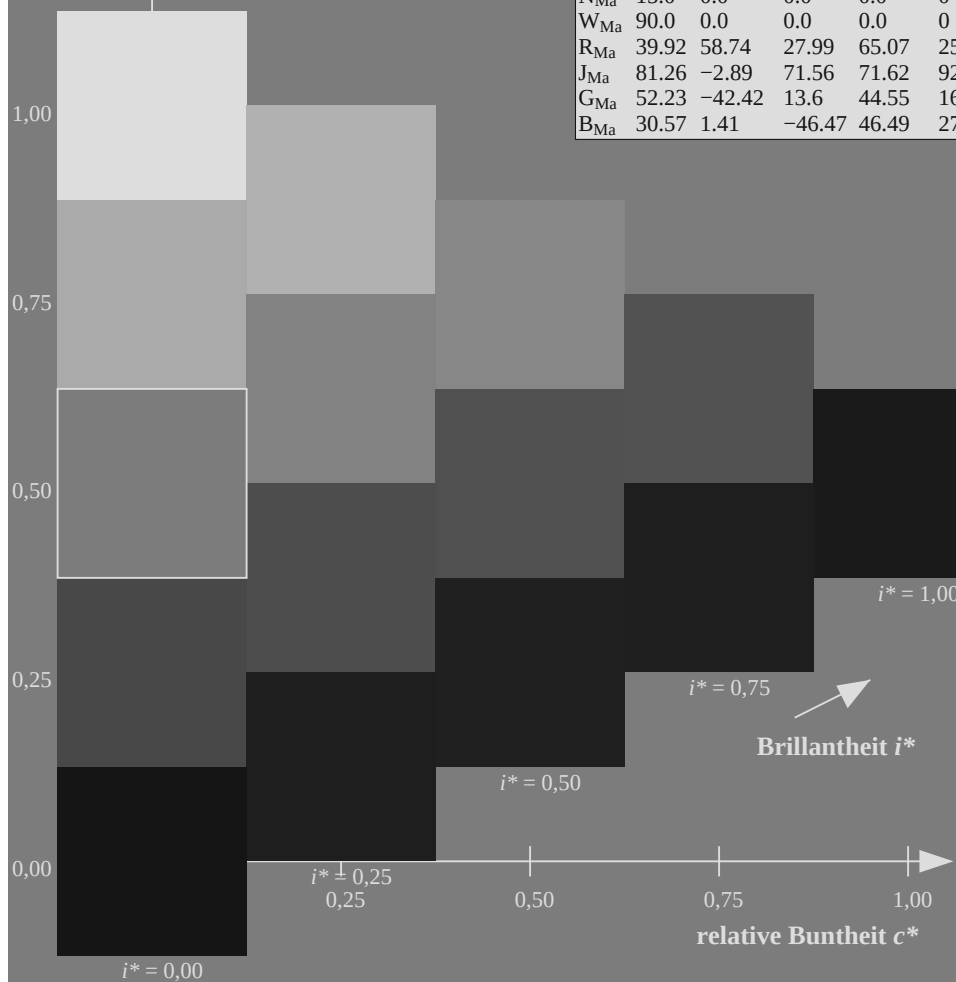
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

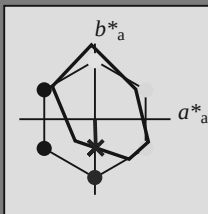
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 41 1 -38

$LAB^*LCH^*Ma$ : 41 38 271

$lab^*rgb^*Ma$ : 0.0 0.0 1.0

$lab^*olv^*Ma$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

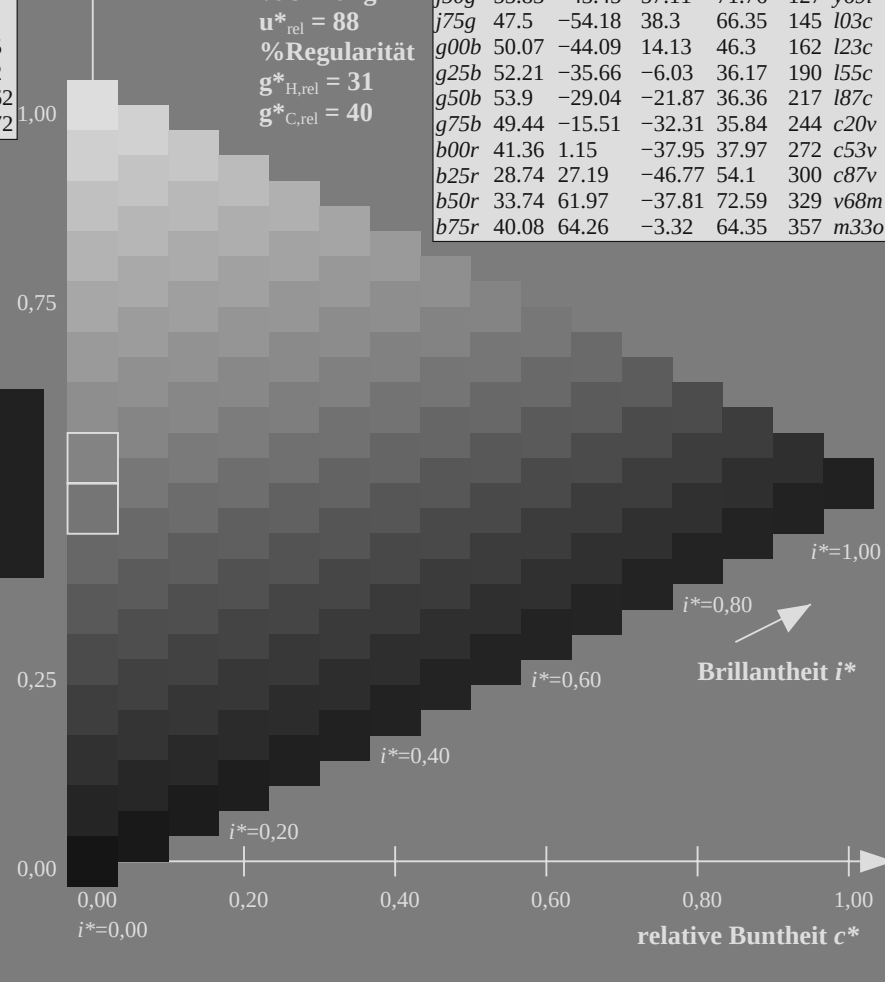
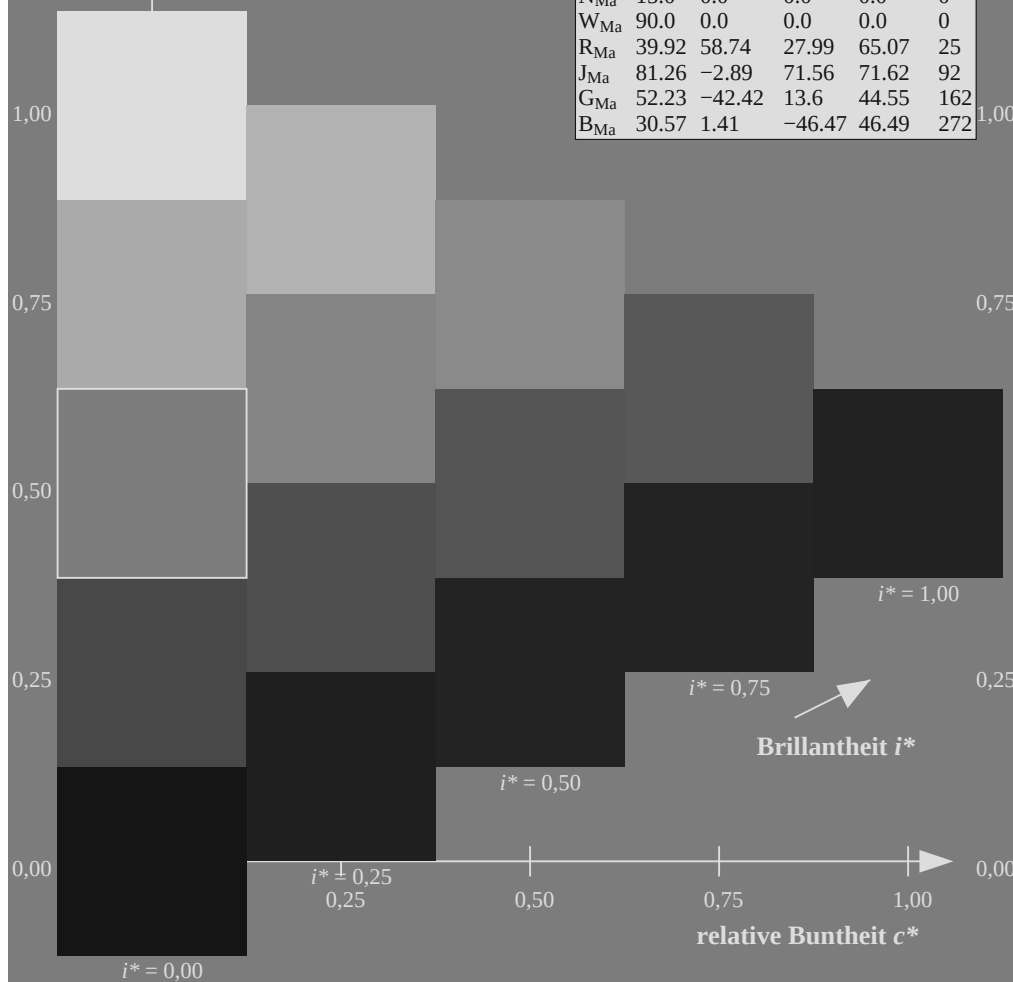
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

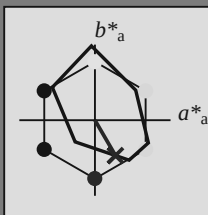
Bunttontexte:

$u_e^* = b25r$   $u_d^* = c87v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 29 27 -47

$LAB^*LCH^*Ma$ : 29 54 300

$lab^*rgb^*Ma$ : 0.5 0.0 1.0

$lab^*olv^*Ma$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

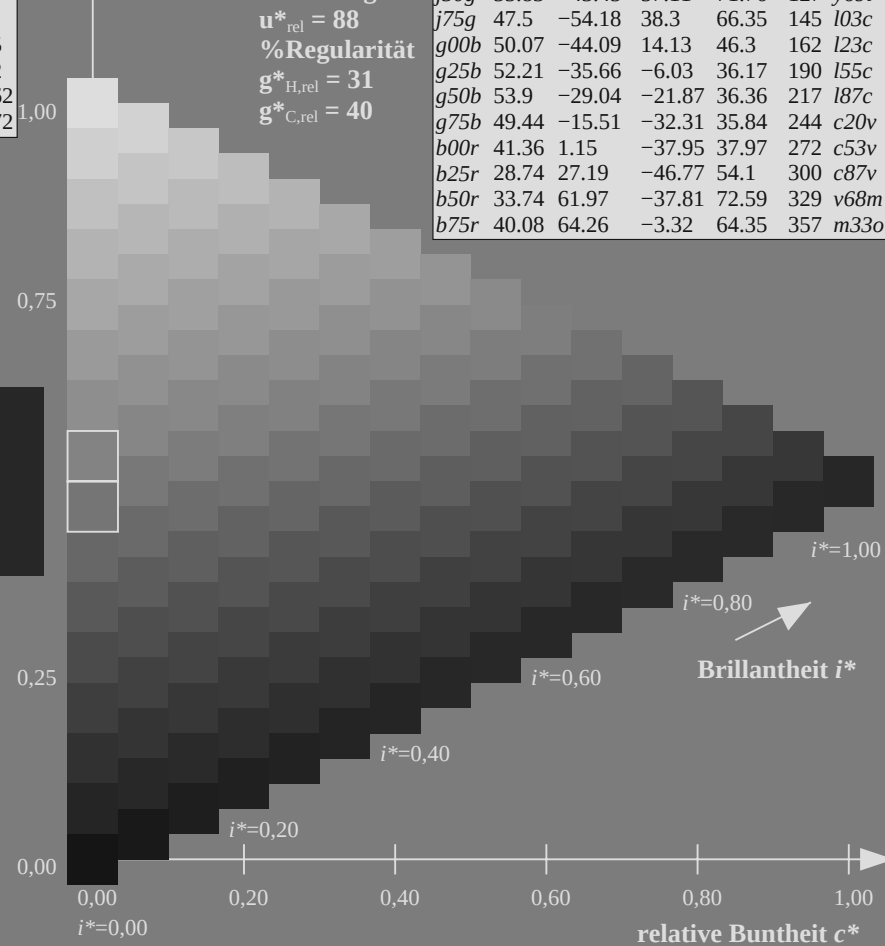
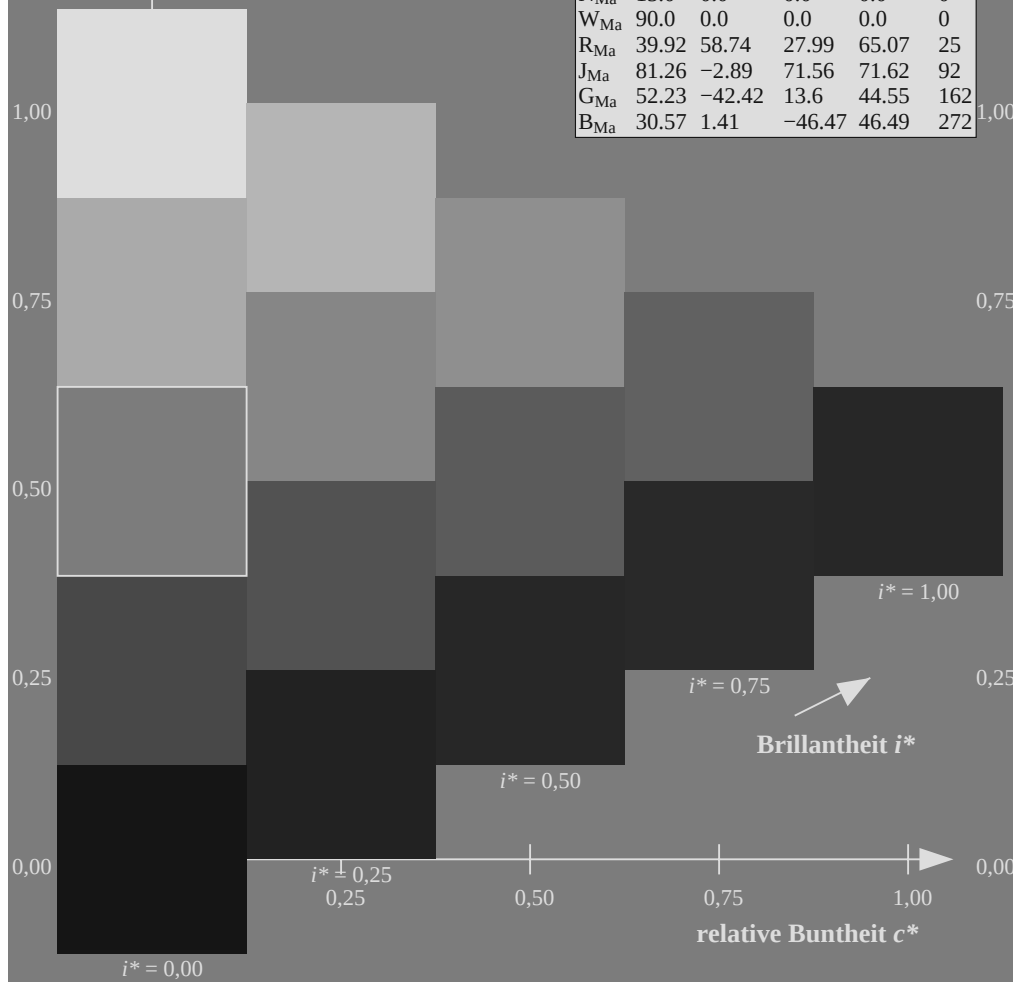
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |         |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|---------|
|                                    | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u_d^*$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

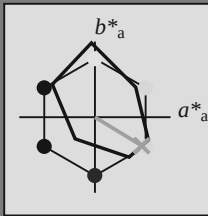
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 34 62 -38

$LAB^*LCH^*_{Ma}$ : 34 73 328

$lab^*rgb^*_{Ma}$ : 1.0 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

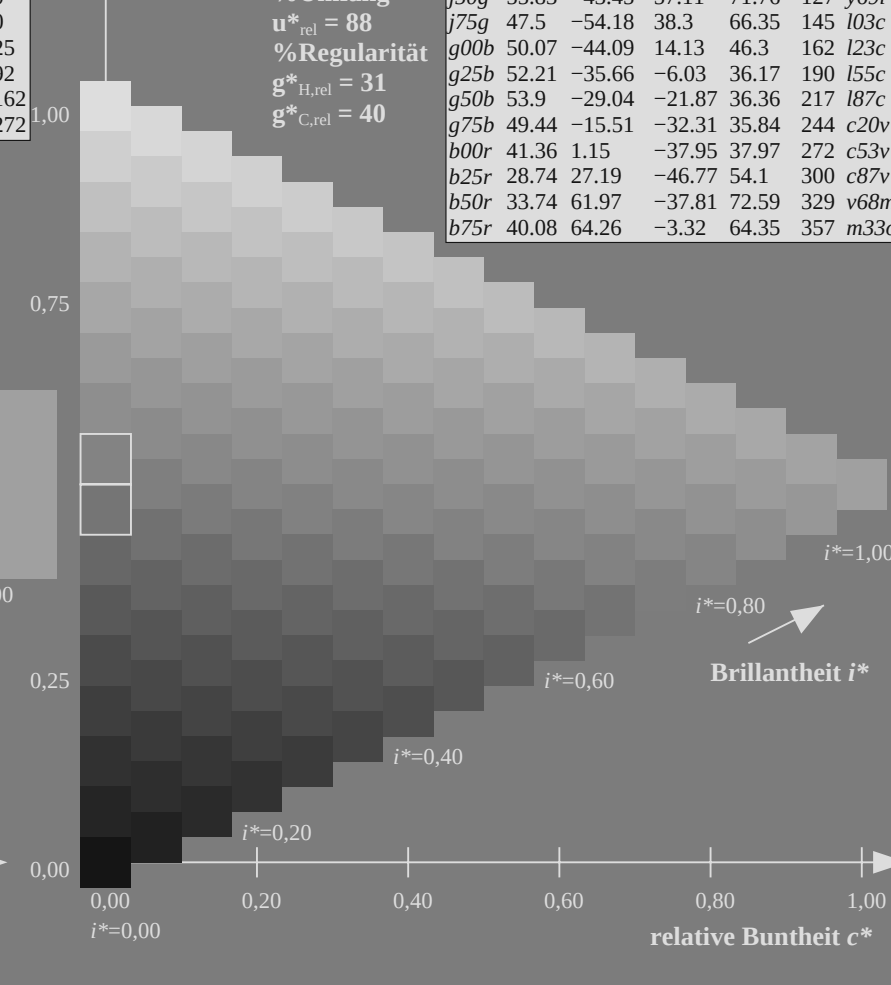
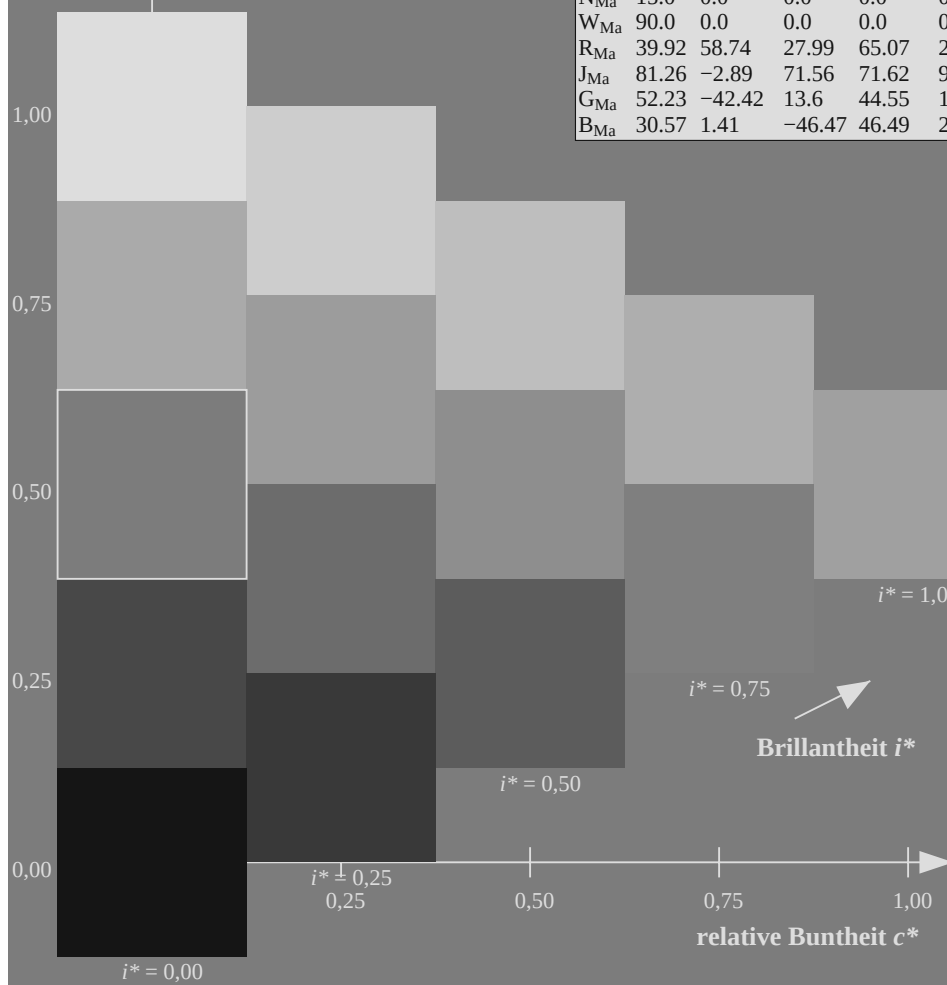
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |         |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|---------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

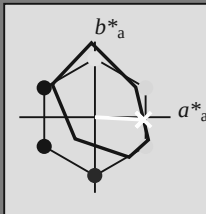
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|--|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |  |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |  |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |  |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |  |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |  |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |  |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |  |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |  |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |  |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |  |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |  |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 64 -3

$LAB^*LCH^*_{Ma}$ : 40 64 357

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.5

$lab^*olv^*_{Ma}$ : 1.0 0.0 0.66

Dreiecks-Helligkeit  $t^*$

%Umfang

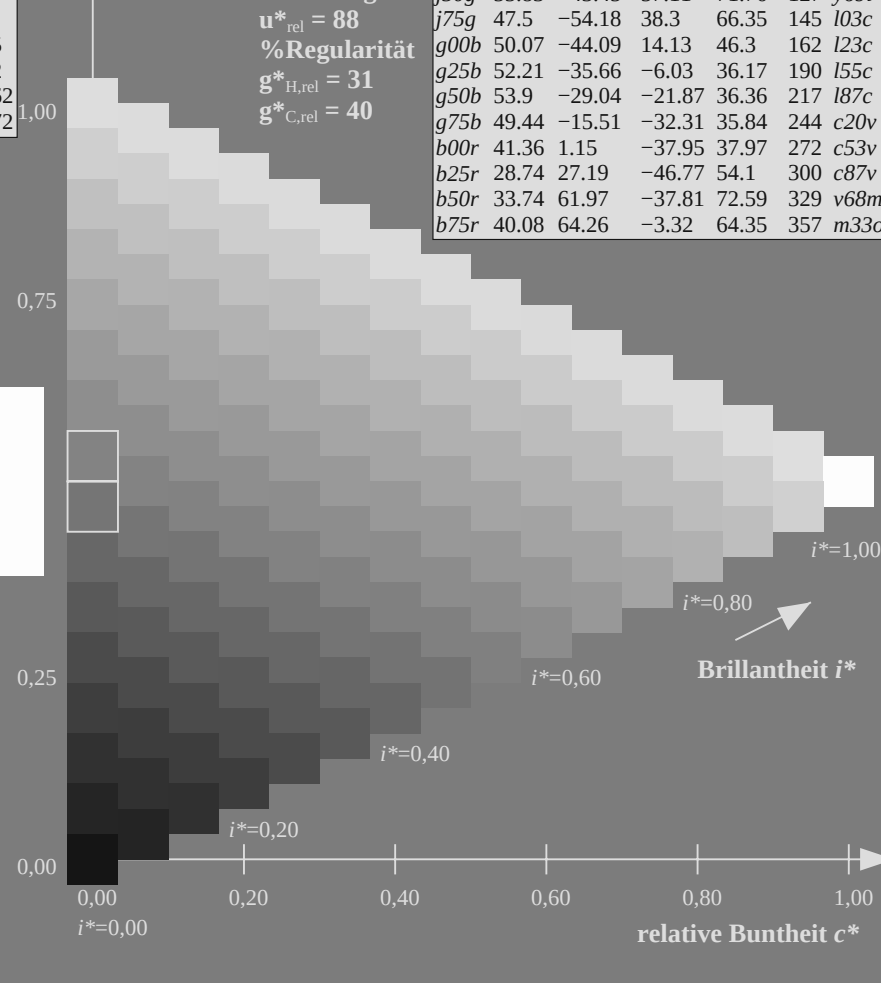
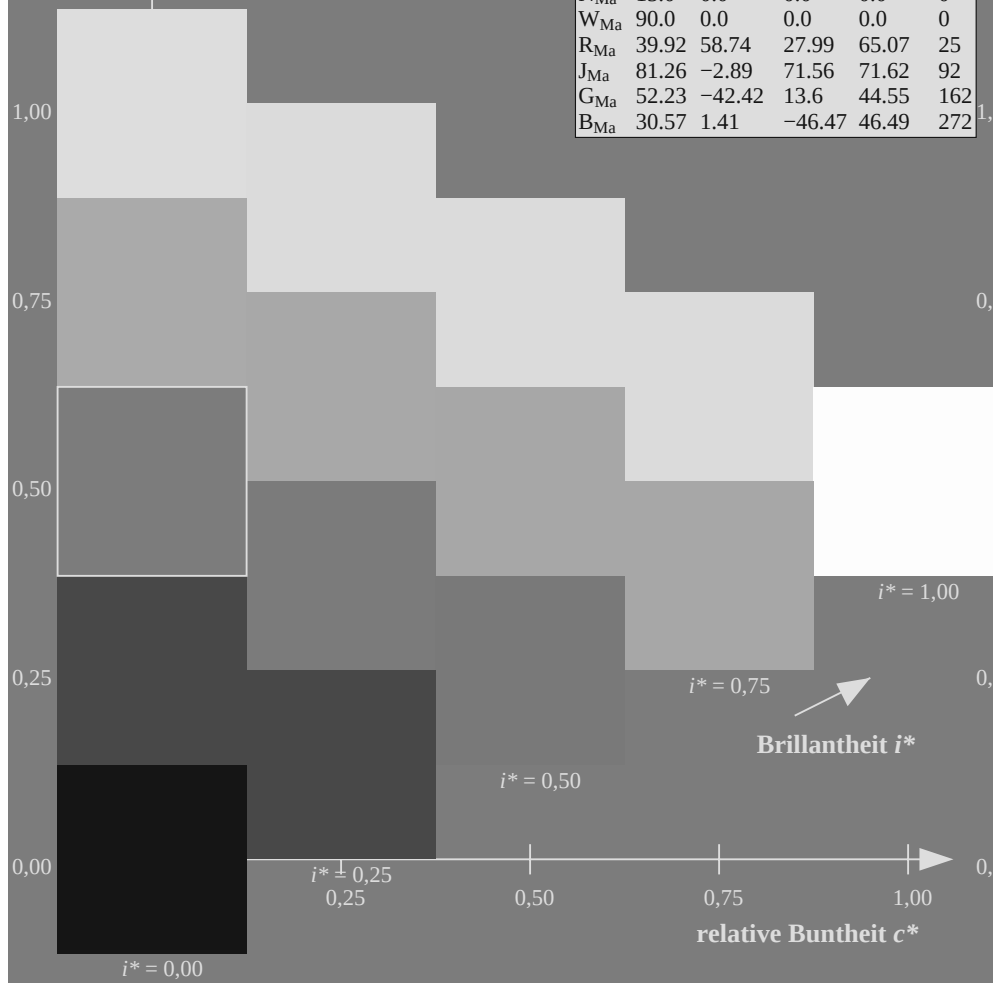
$u^*_{rel} = 88$

%Regularität

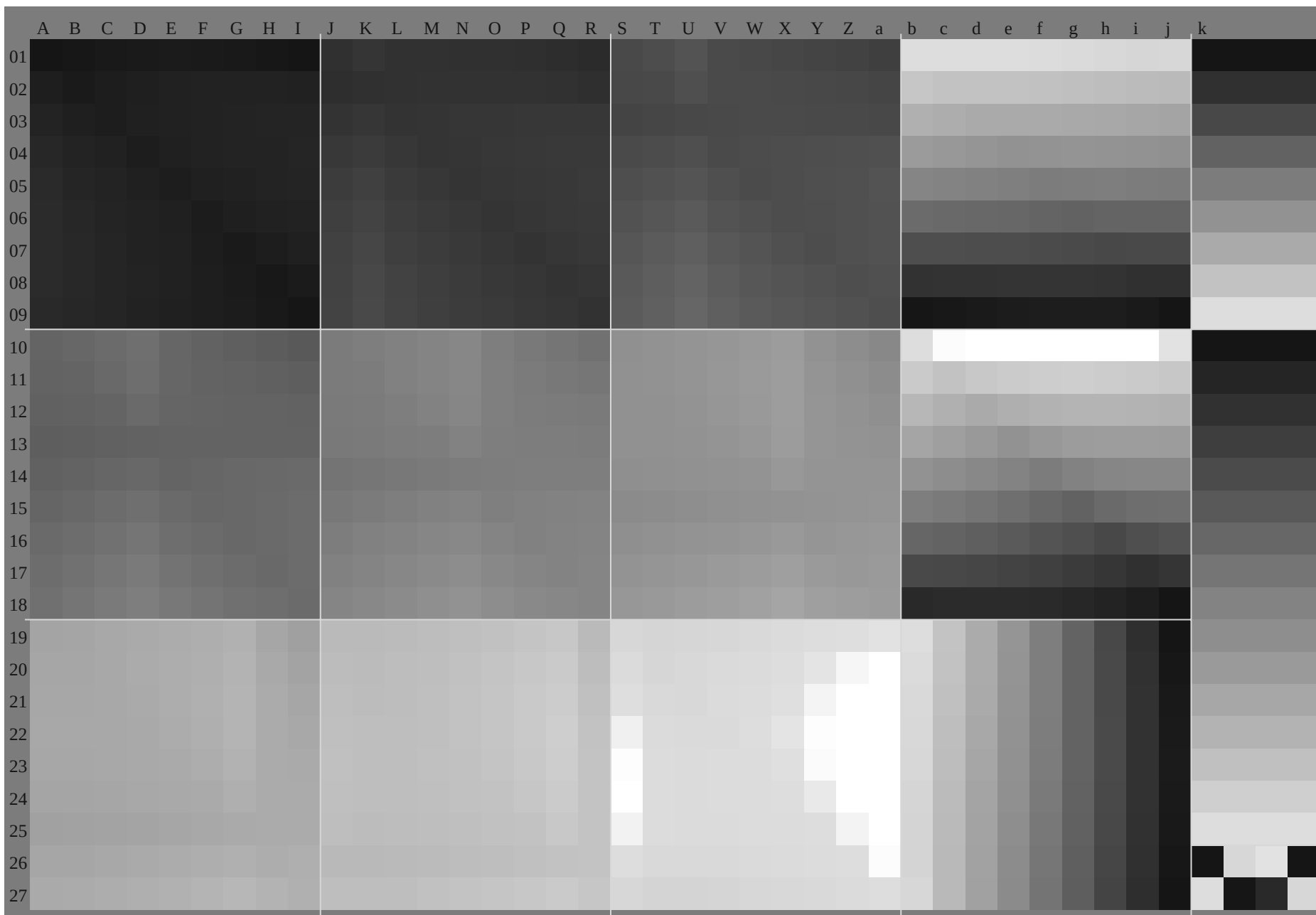
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/ .PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11/](http://www.ps.bam.de/Eg11/).HTM  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIE LAB, ColSpX=0



Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS15\_90a  
Daten für jede Farbe:

$u^*_e$  und Nummer Nr. = 00 .. 15

Elementar-Bunttontext:

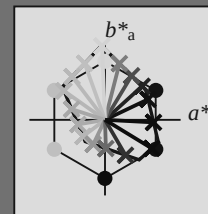
$u^*_e = 16$  Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| $r00j$  | 39.18       | 56.94   | 27.13   | 63.07        | 25           | $m81o$  |
| $r25j$  | 42.41       | 49.1    | 44.5    | 66.26        | 42           | $o10y$  |
| $r50j$  | 52.78       | 35.22   | 58.37   | 68.17        | 59           | $o40y$  |
| $r75j$  | 64.82       | 19.12   | 74.47   | 76.89        | 76           | $o69y$  |
| $j00g$  | 82.06       | -3.94   | 97.52   | 97.6         | 92           | $o98y$  |
| $j25g$  | 67.26       | -26.87  | 74.67   | 79.36        | 110          | $y34l$  |
| $j50g$  | 55.83       | -43.45  | 57.11   | 71.76        | 127          | $y69l$  |
| $j75g$  | 47.5        | -54.18  | 38.3    | 66.35        | 145          | $l03c$  |
| $g00b$  | 50.07       | -44.09  | 14.13   | 46.3         | 162          | $l23c$  |
| $g25b$  | 52.21       | -35.66  | -6.03   | 36.17        | 190          | $l55c$  |
| $g50b$  | 53.9        | -29.04  | -21.87  | 36.36        | 217          | $l87c$  |
| $g75b$  | 49.44       | -15.51  | -32.31  | 35.84        | 244          | $c20v$  |
| $b00r$  | 41.36       | 1.15    | -37.95  | 37.97        | 272          | $c53v$  |
| $b25r$  | 28.74       | 27.19   | -46.77  | 54.1         | 300          | $c87v$  |
| $b50r$  | 33.74       | 61.97   | -37.81  | 72.59        | 329          | $v68m$  |
| $b75r$  | 40.08       | 64.26   | -3.32   | 64.35        | 357          | $m33o$  |



%Umfang

$u^*_{rel} = 88$

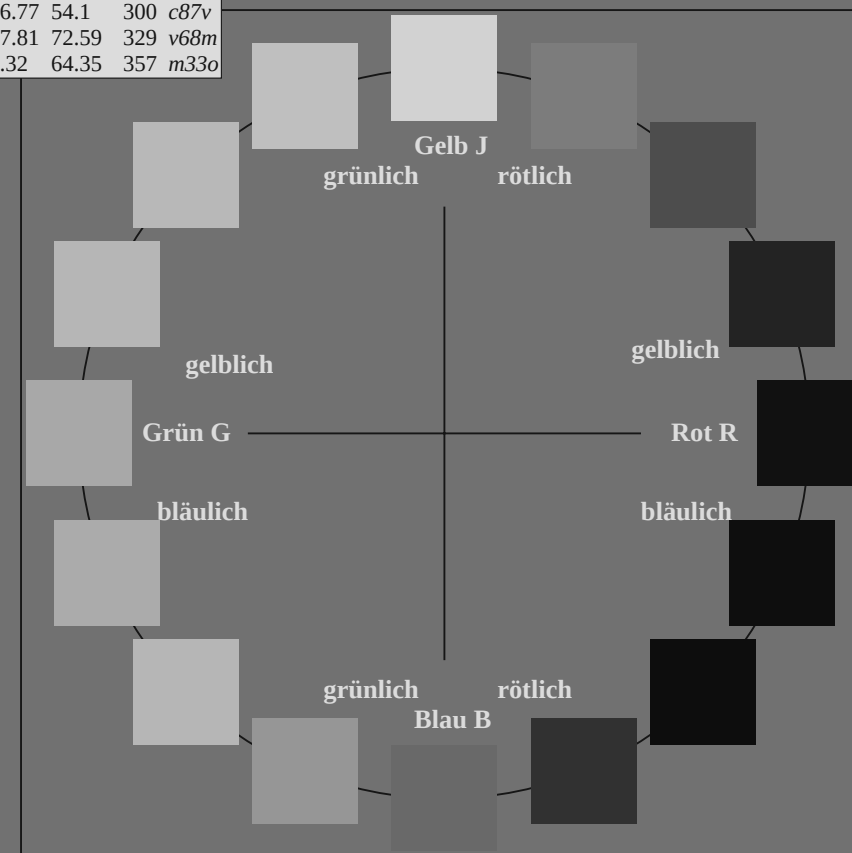
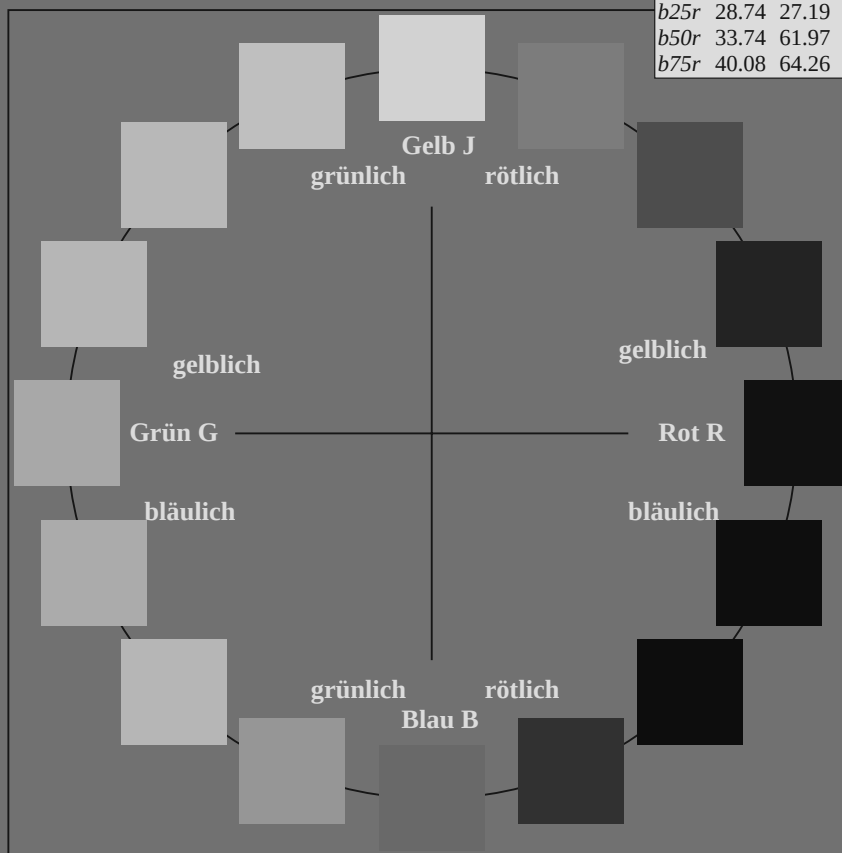
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| Name      | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_{Ma}$  | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| $Y_{Ma}$  | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| $L_{Ma}$  | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| $C_{Ma}$  | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| $V_{Ma}$  | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| $M_{Ma}$  | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| $N_{Ma}$  | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$  | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$ | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| $G_{CIE}$ | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| $B_{CIE}$ | 30.57       | 1.41    | -46.47  | 46.49        | 272          |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

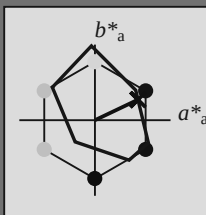
Bunttontexte:

$u_e^* = r00j$   $u_d^* = m81o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 39 57 27

$LAB^*LCH^*Ma$ : 39 63 25

$lab^*rgb^*Ma$ : 1.0 0.0 0.0

$lab^*olv^*Ma$ : 1.0 0.0 0.18

Dreiecks-Helligkeit  $t^*$

%Umfang

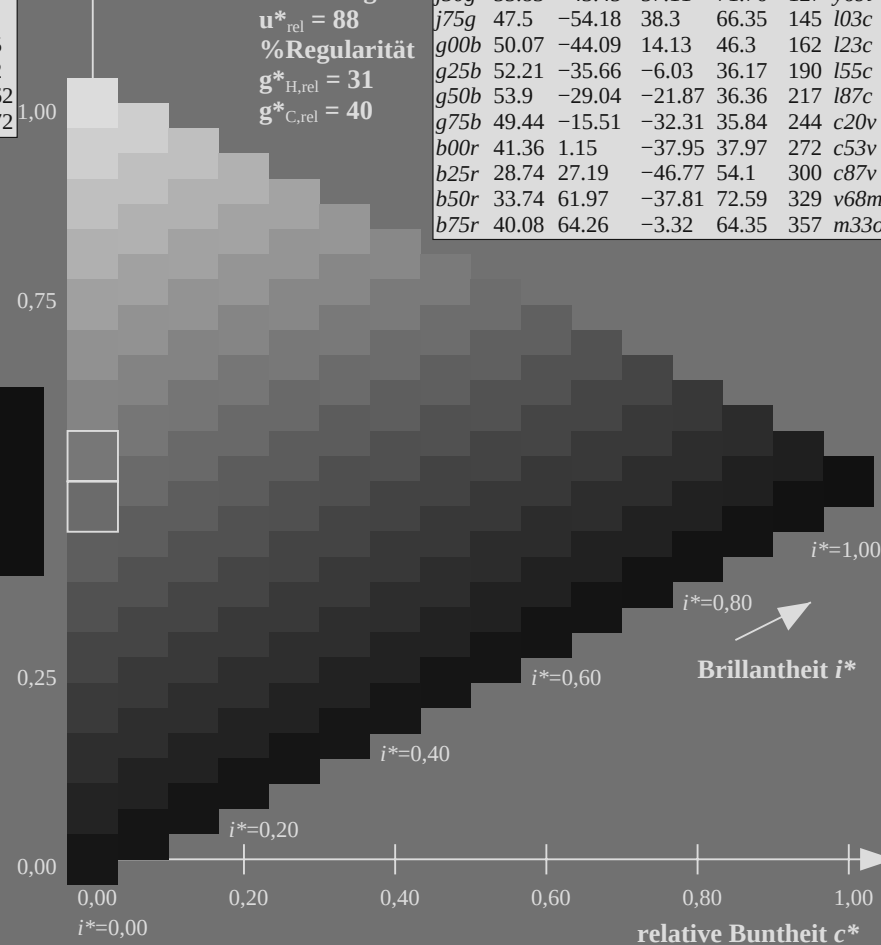
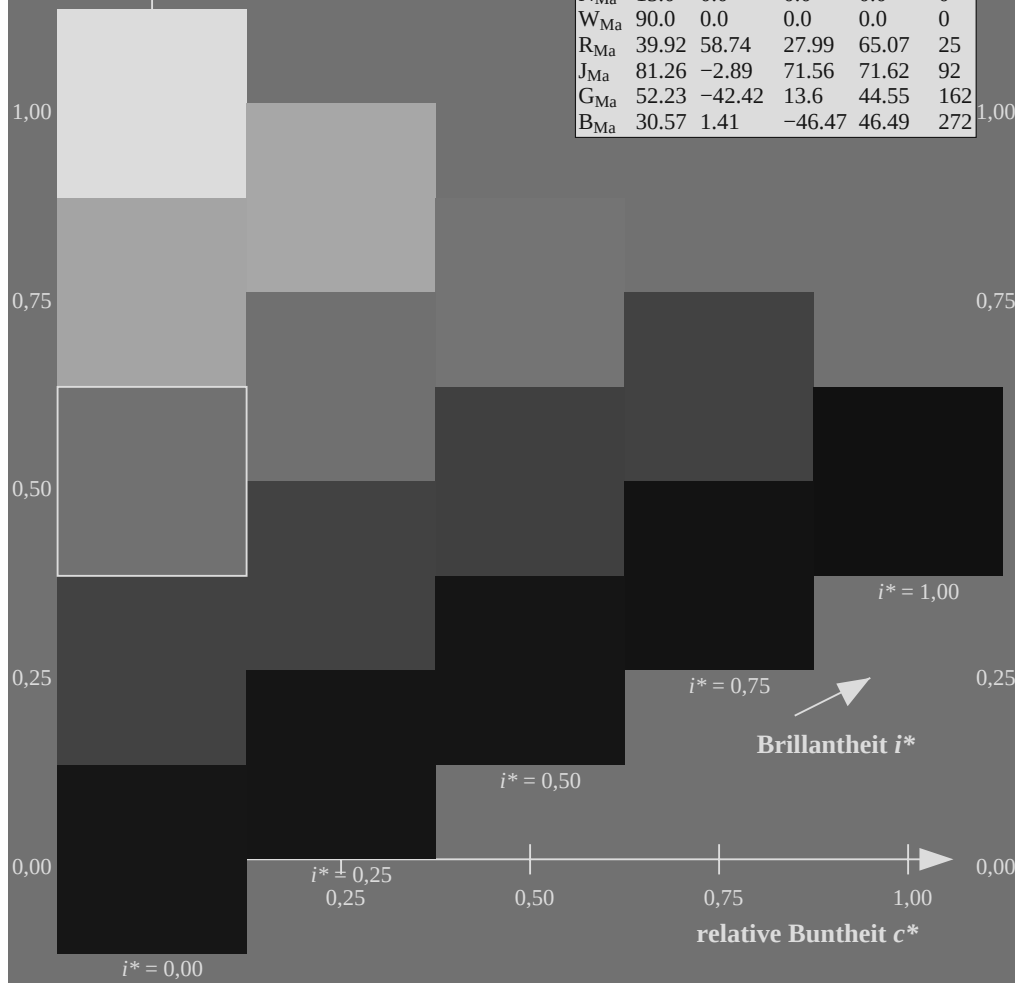
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

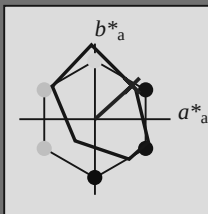
Bunttontexte:

$u_e^* = r25j$   $u_d^* = o10y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 42 49 44

$LAB^*LCH^*Ma$ : 42 66 42

$lab^*rgb^*Ma$ : 1.0 0.25 0.0

$lab^*olv^*Ma$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

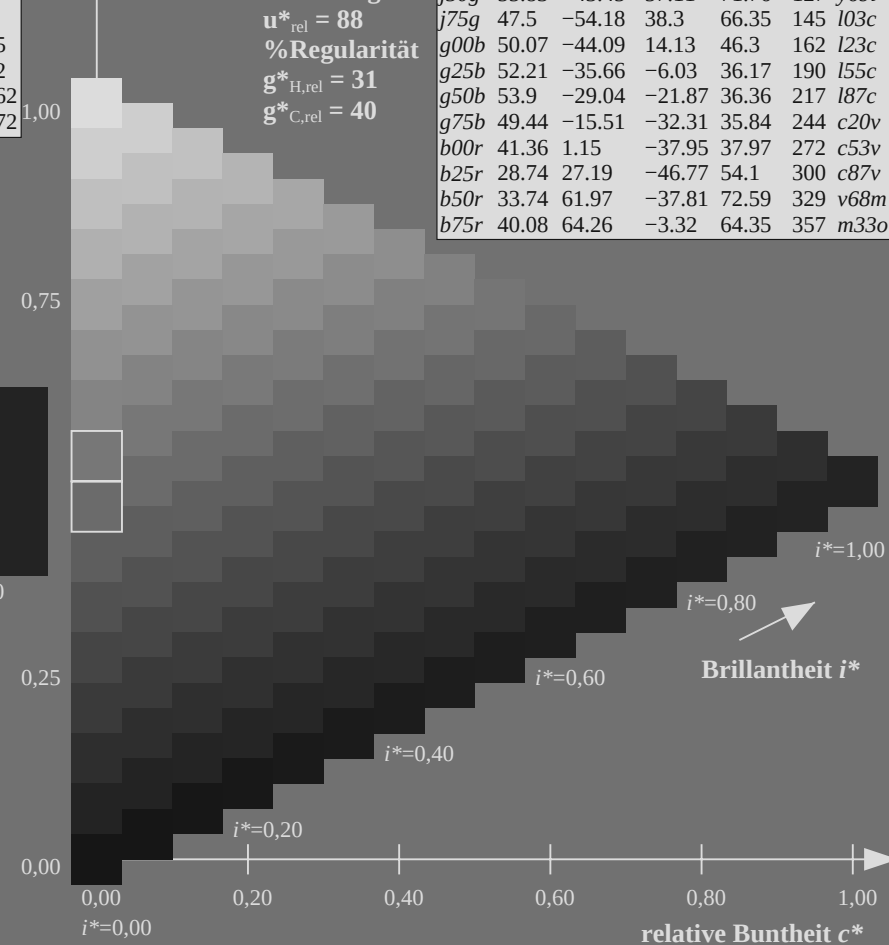
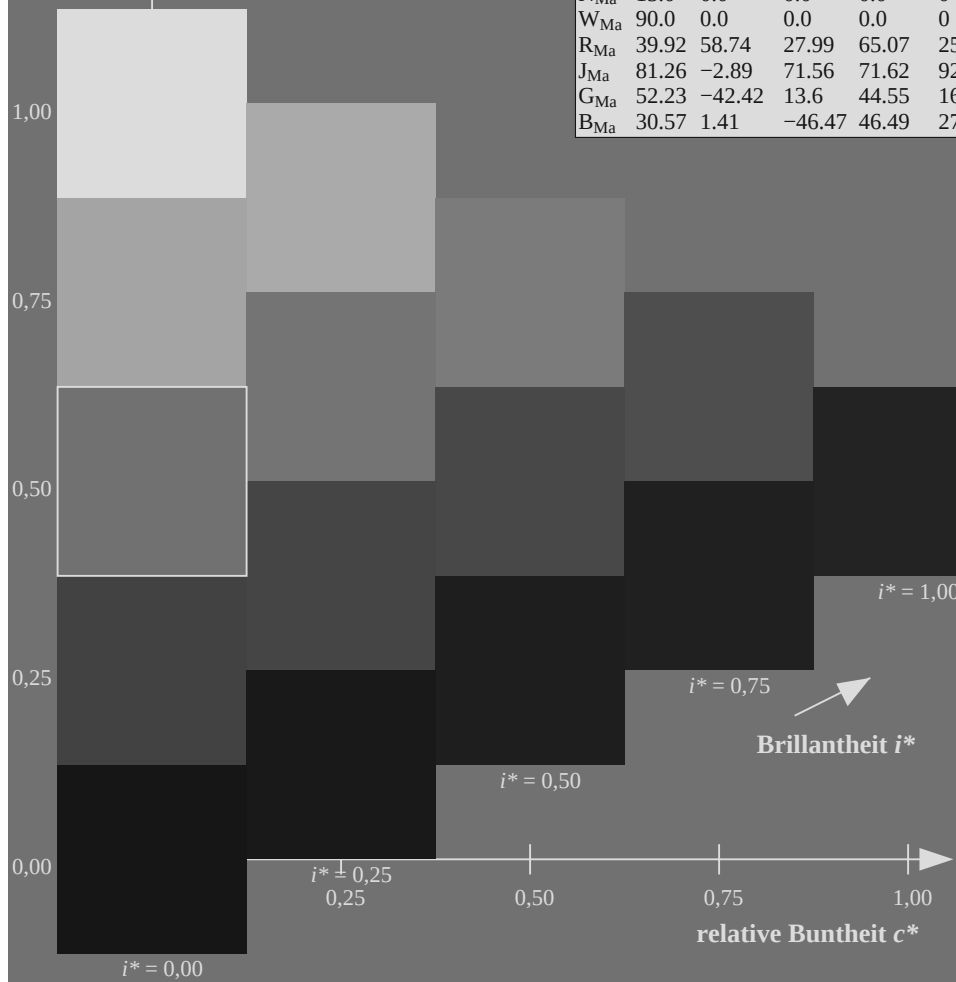
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

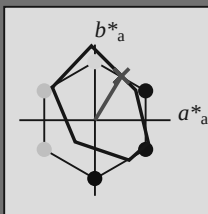
Bunttontexte:

$u_e^* = r50j$   $u_d^* = o40y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 53 35 58

$LAB^*LCH^*Ma$ : 53 68 58

$lab^*rgb^*Ma$ : 1.0 0.5 0.0

$lab^*olv^*Ma$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

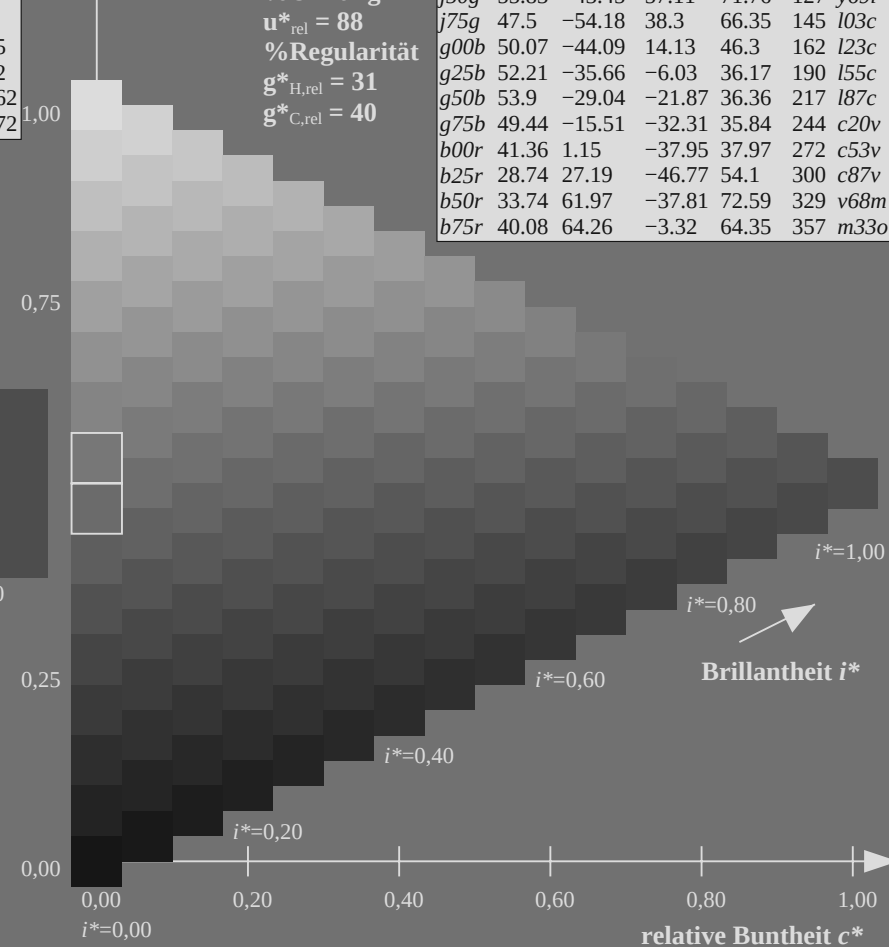
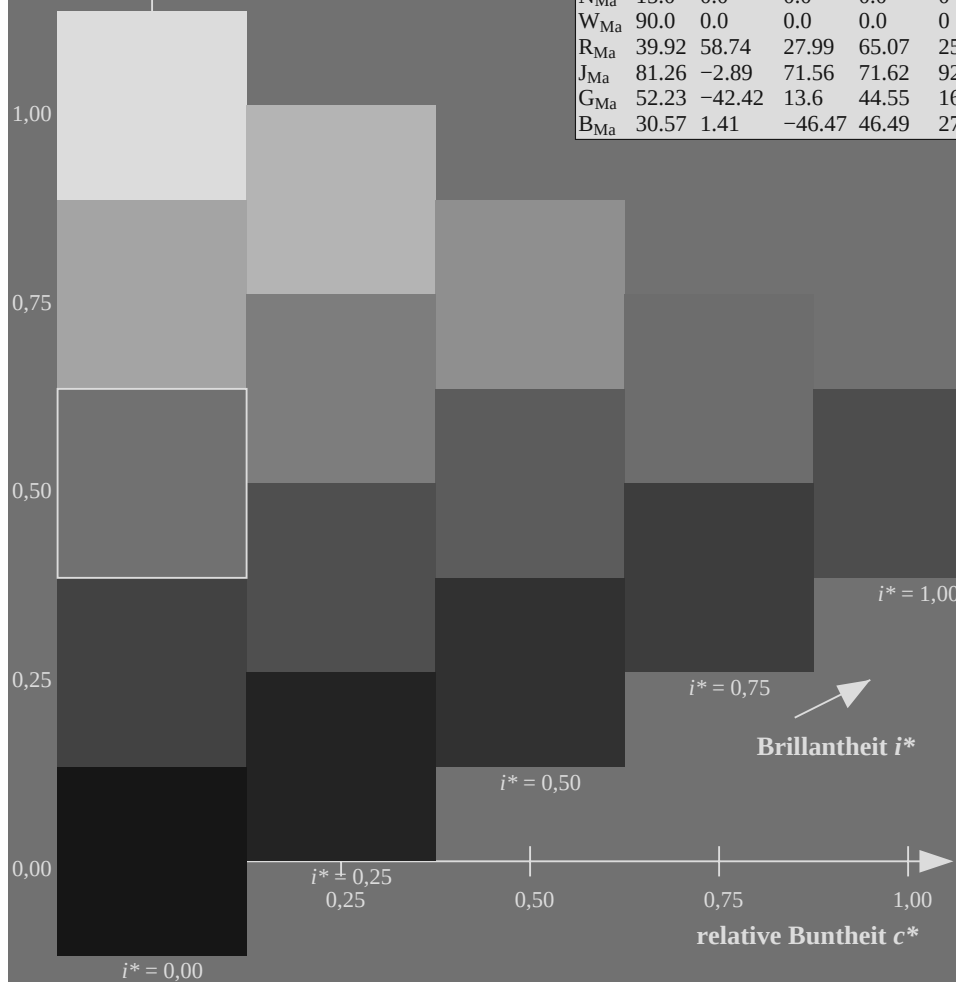
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

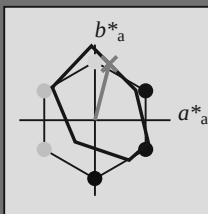
Bunttontexte:

$u_e^* = r75j$   $u_d^* = o69y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 65 19 74

$LAB^*LCH^*Ma$ : 65 77 75

$lab^*rgb^*Ma$ : 1.0 0.75 0.0

$lab^*olv^*Ma$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

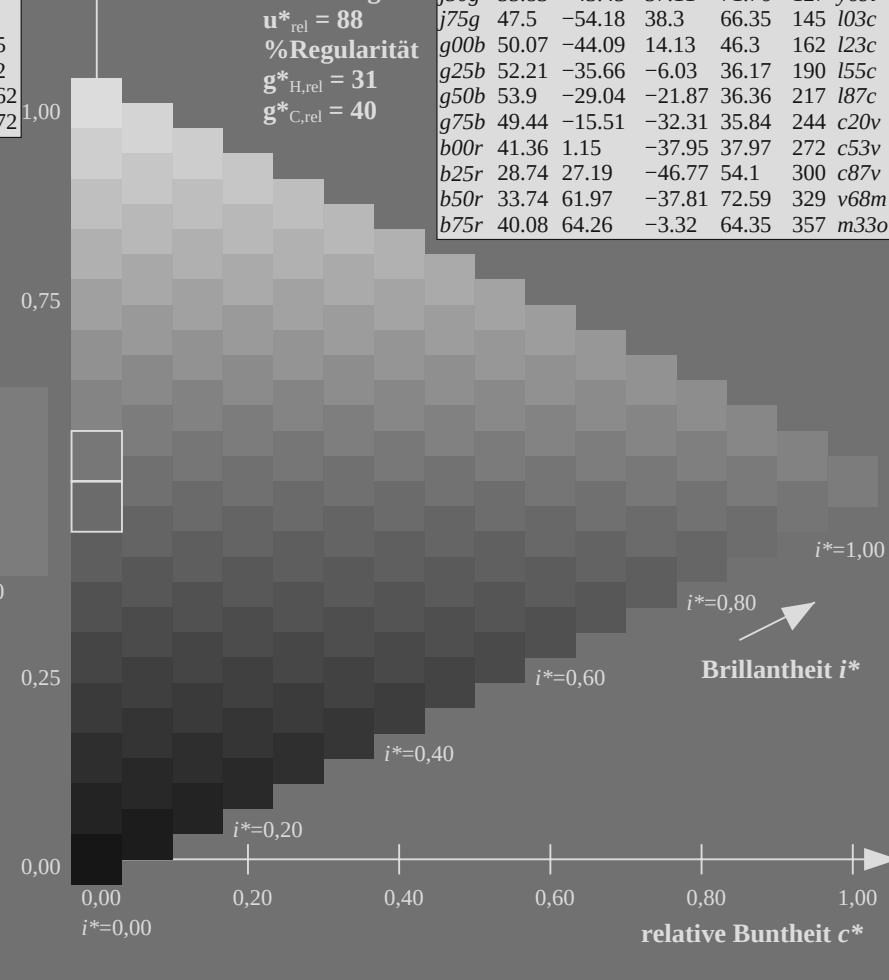
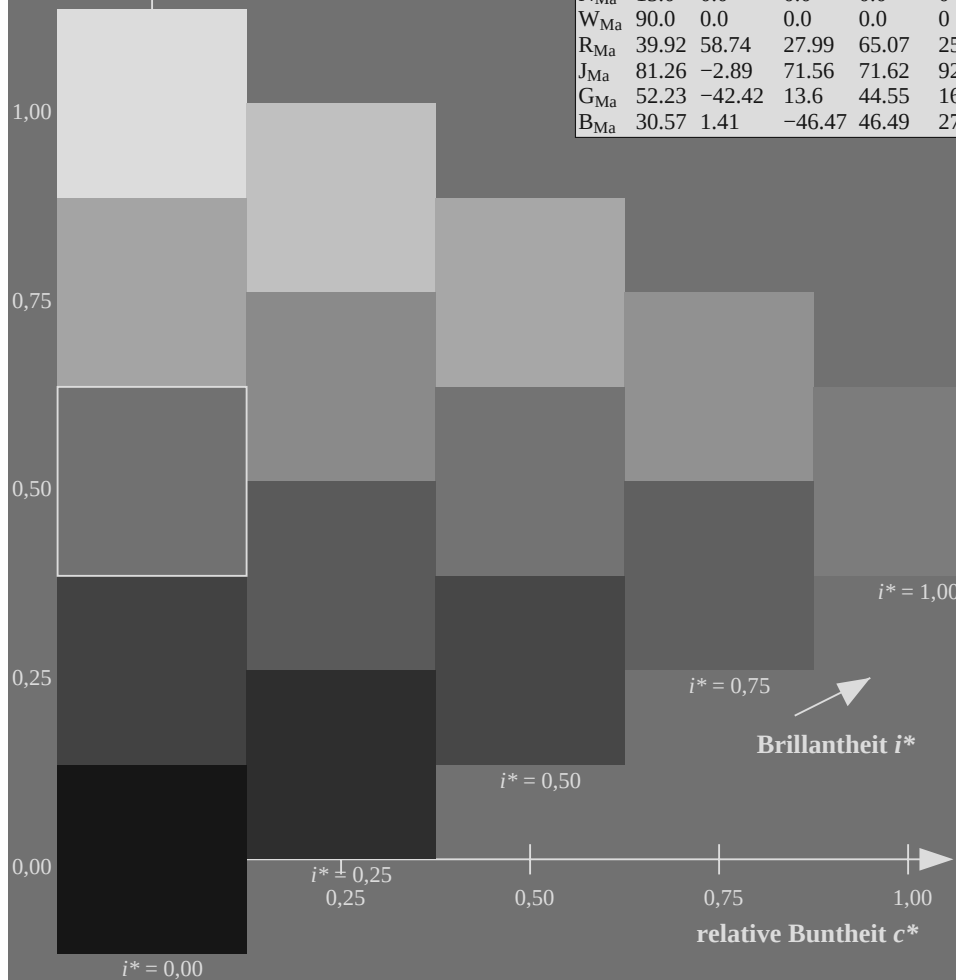
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u_d^*$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$   $u^*_e = j00g$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

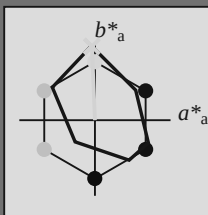
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 82 -4 98

$LAB^*LCH^*Ma$ : 82 98 92

$lab^*rgb^*Ma$ : 1.0 1.0 0.0

$lab^*olv^*Ma$ : 1.0 0.99 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

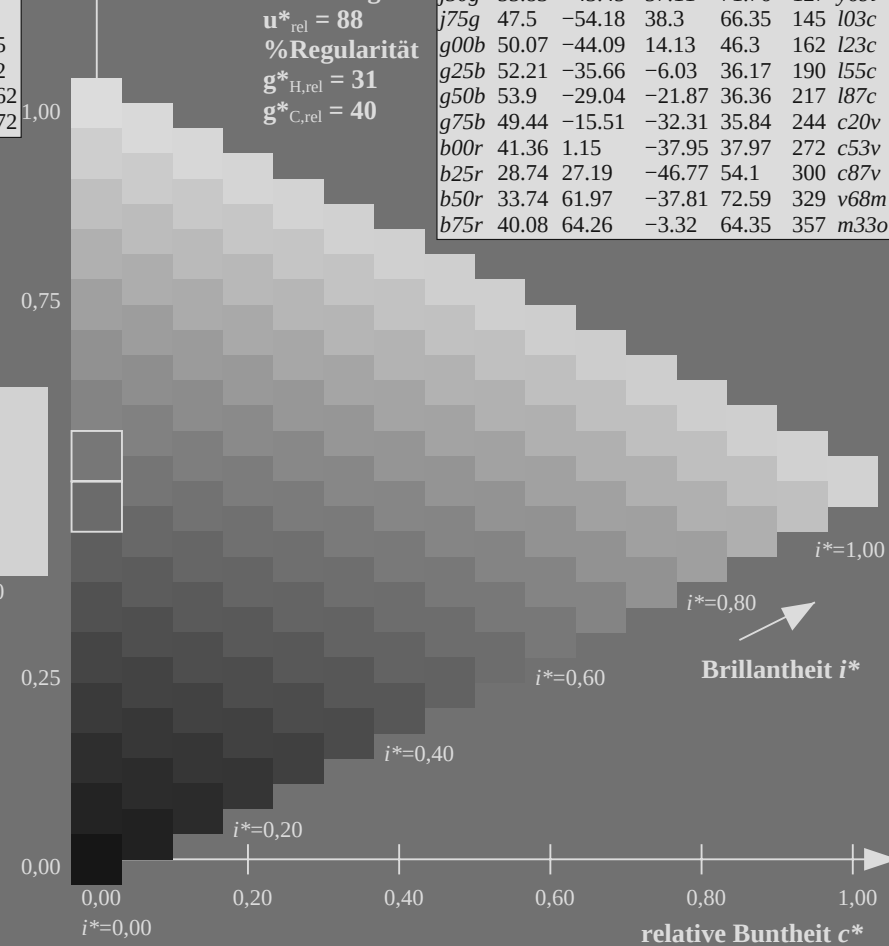
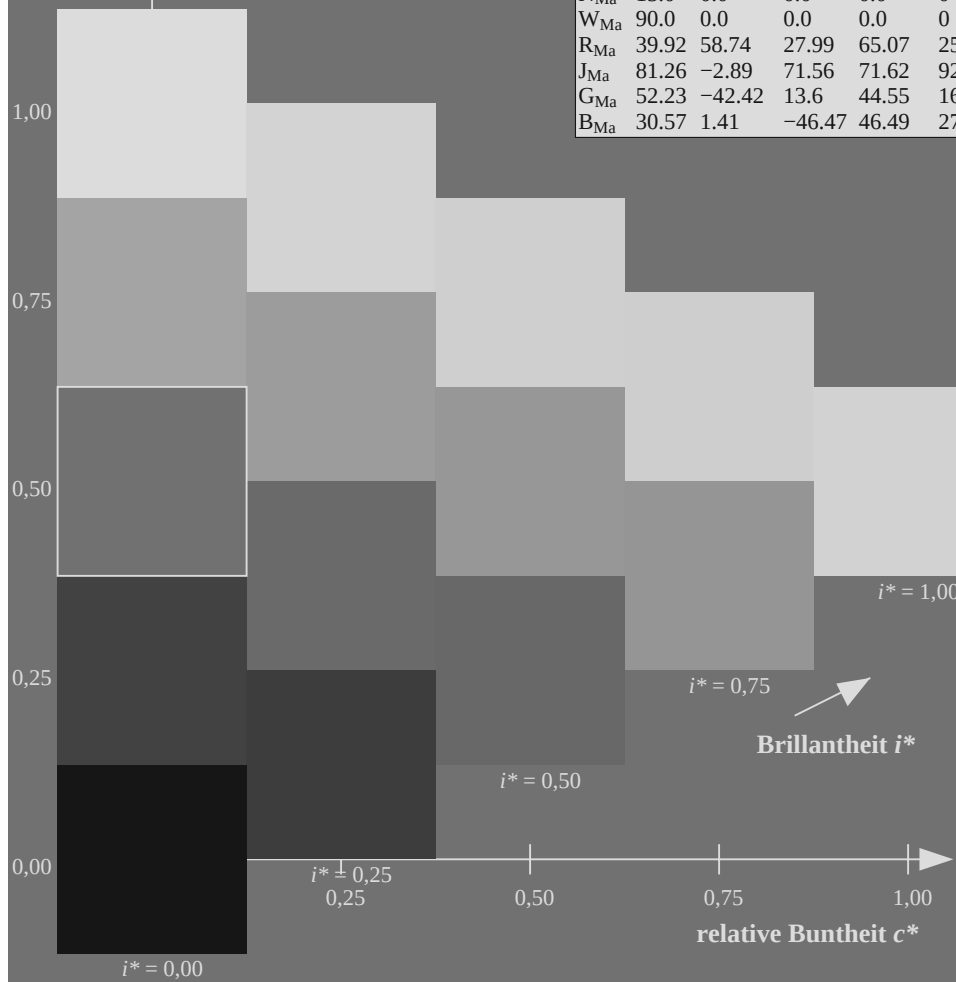
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

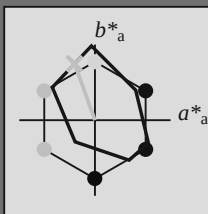
Bunttontexte:

$u_e^* = j25g$   $u_d^* = y34l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 67 -27 75

$LAB^*LCH^*Ma$ : 67 79 109

$lab^*rgb^*Ma$ : 0.75 1.0 0.0

$lab^*olv^*Ma$ : 0.66 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

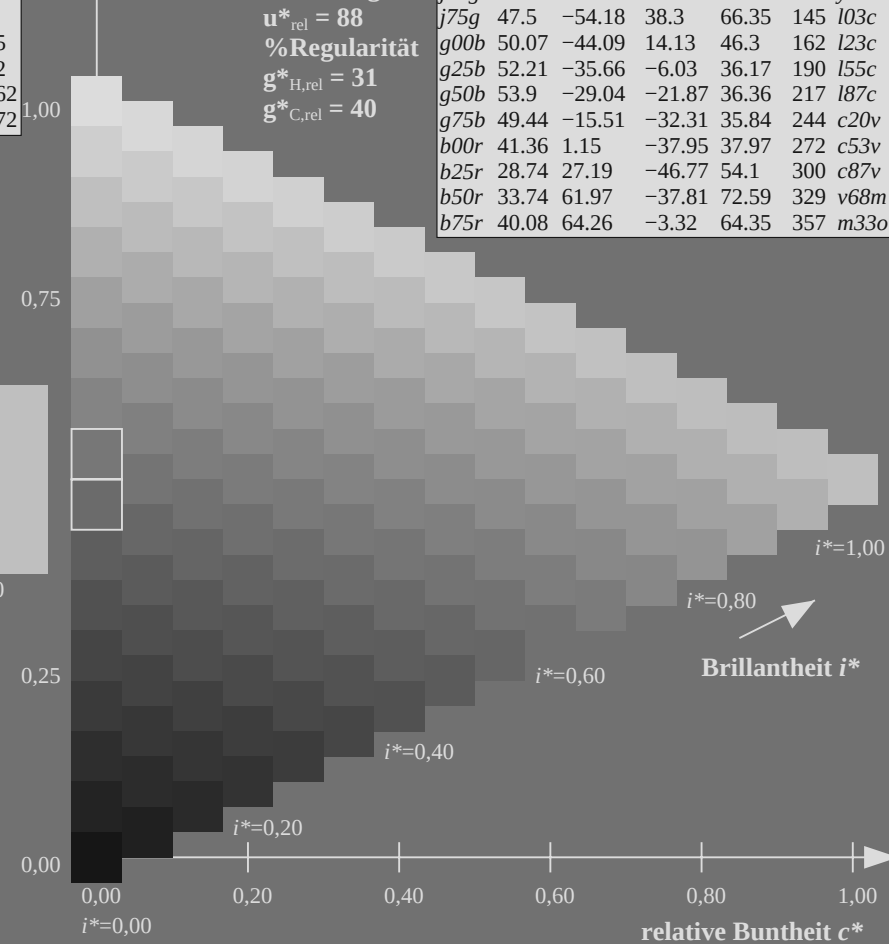
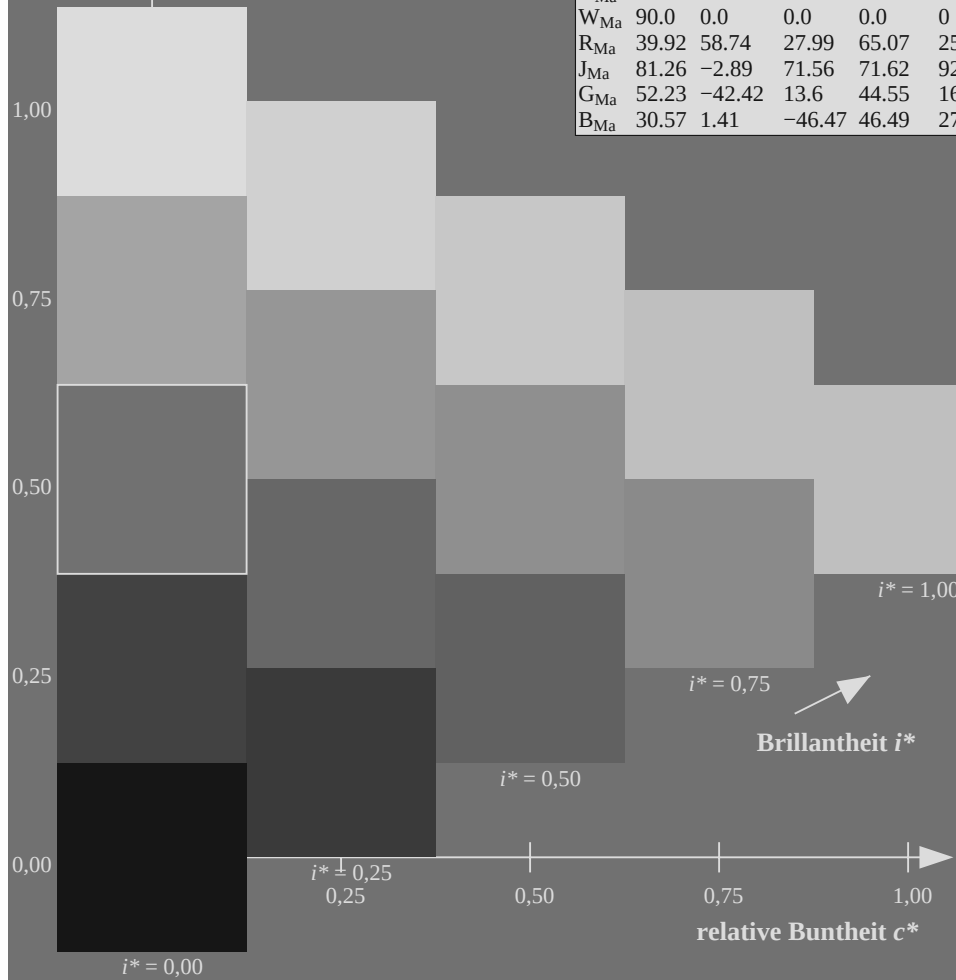
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

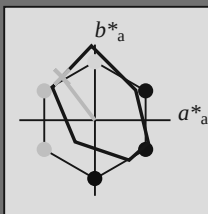
Bunttontexte:

$u_e^* = j50g$   $u_d^* = y69l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$         | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 56 -43 57

$LAB^*LCH^*_{Ma}$ : 56 72 127

$lab^*rgb^*_{Ma}$ : 0.5 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

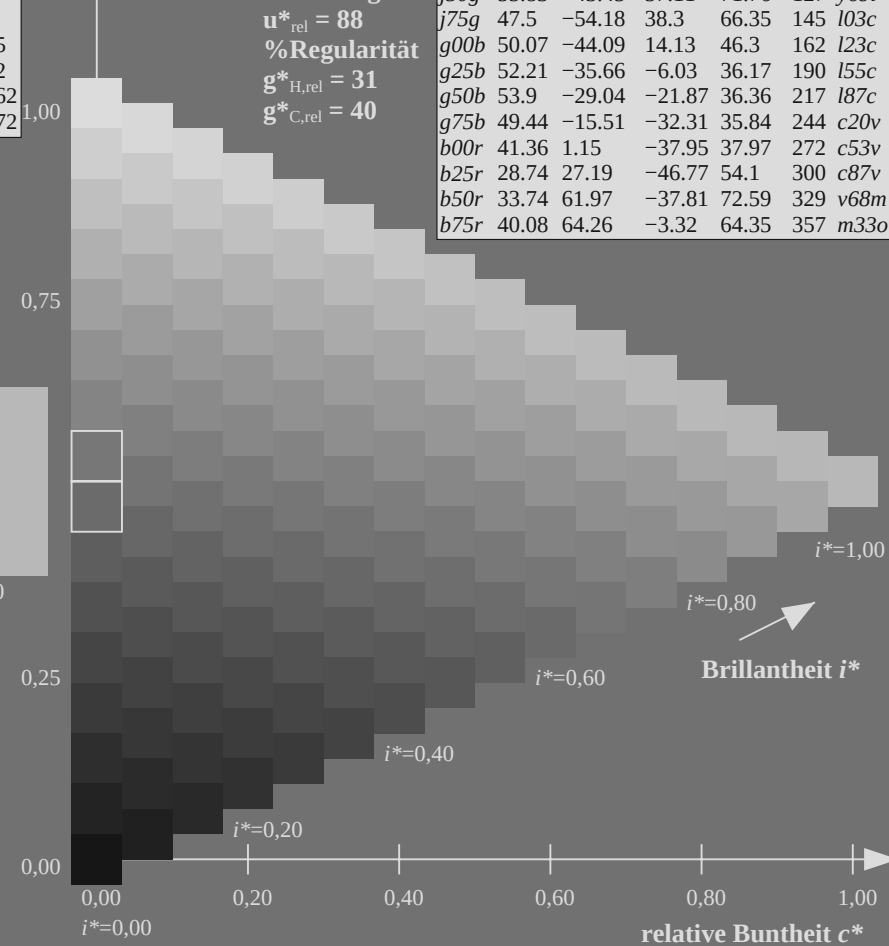
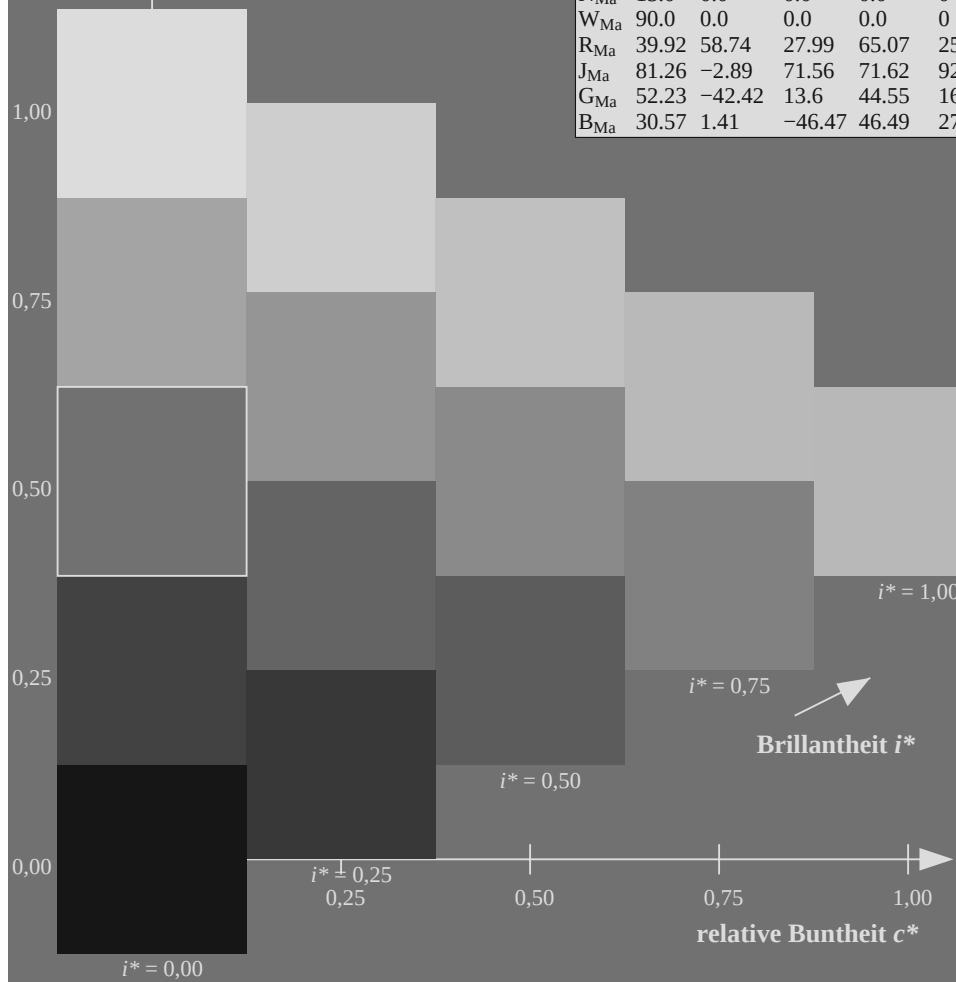
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

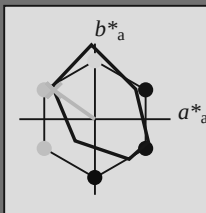
Bunttontexte:

$u_e^* = j75g$   $u_d^* = i03c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 48 -54 38

$LAB^*LCH^*Ma$ : 48 66 144

$lab^*rgb^*Ma$ : 0.25 1.0 0.0

$lab^*olv^*Ma$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

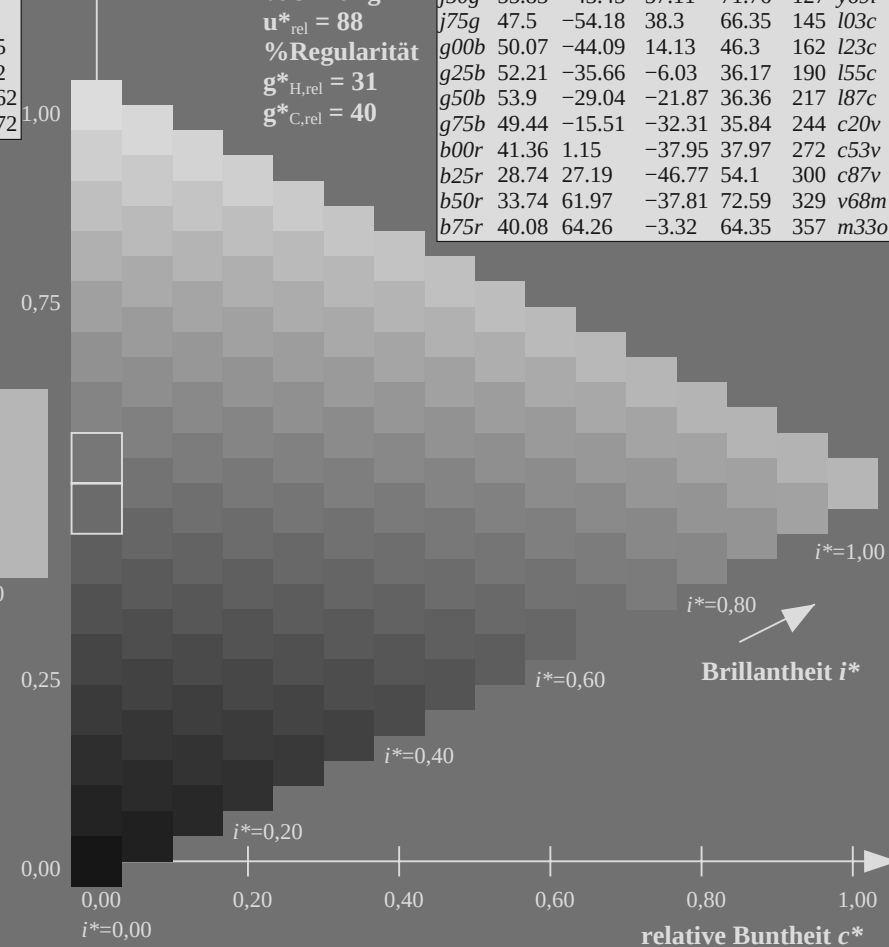
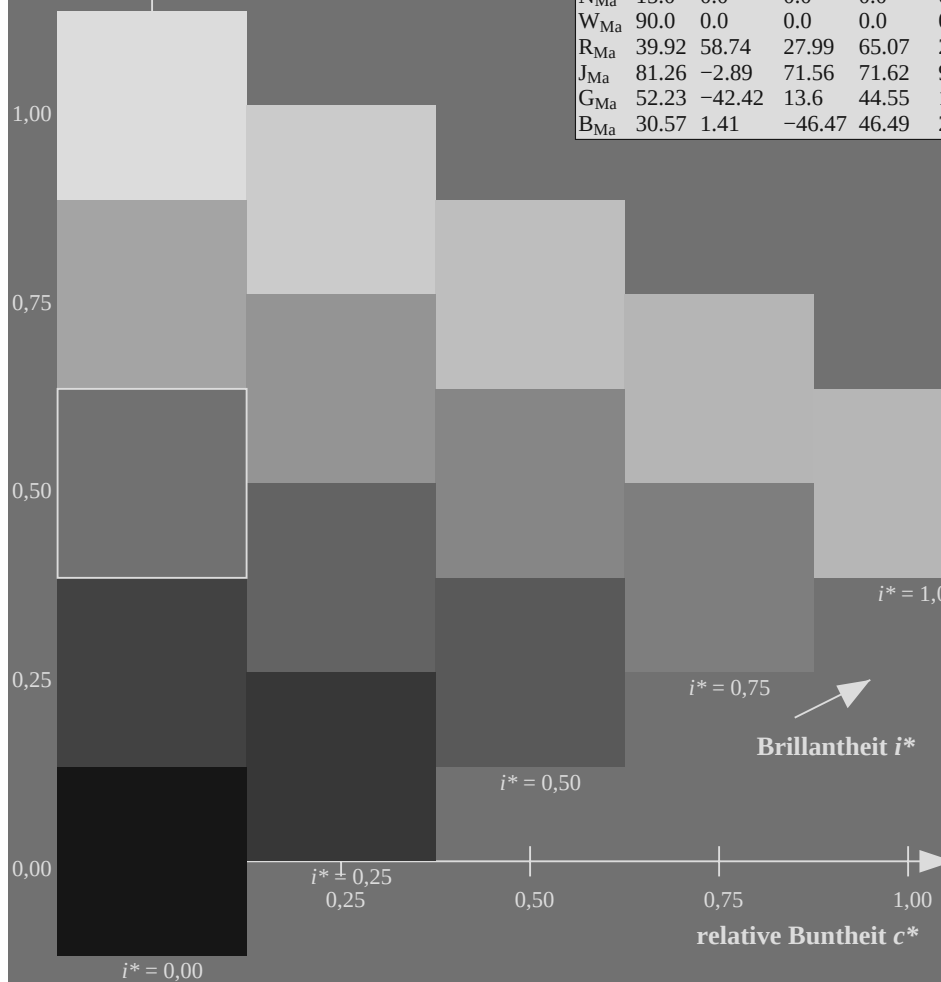
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | i03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | i23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | i55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | i87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

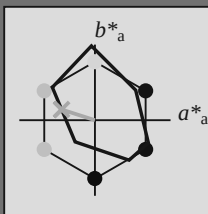
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -44 14

$LAB^*LCH^*_{Ma}$ : 50 46 162

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

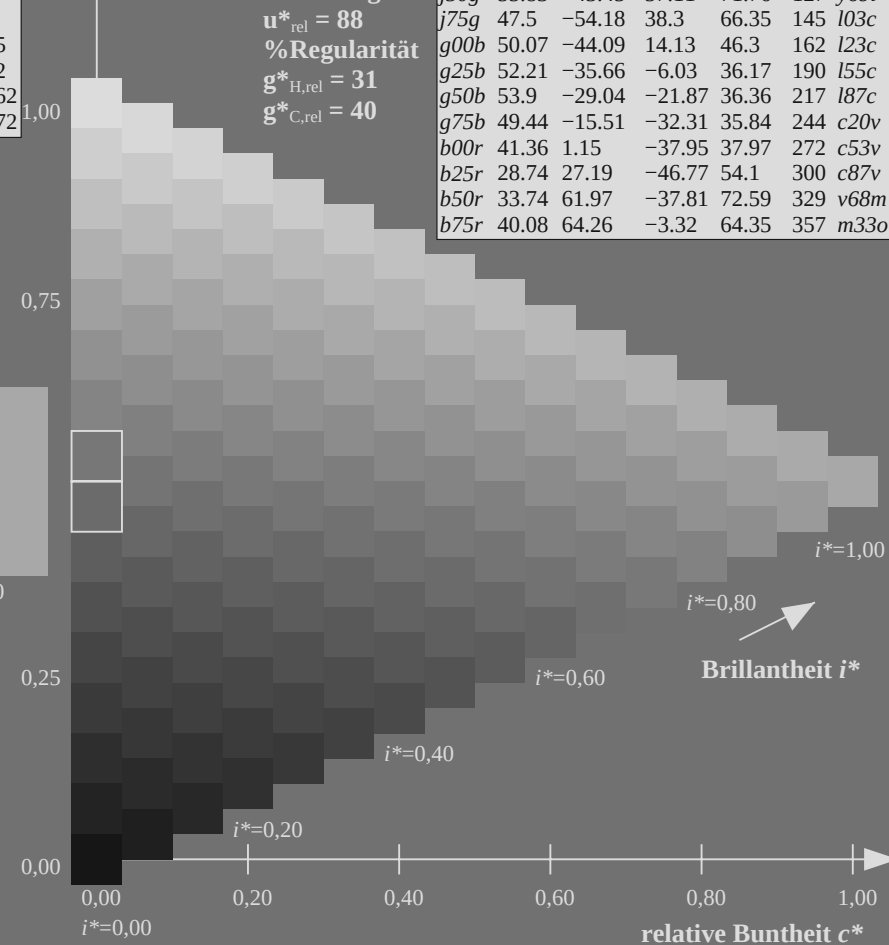
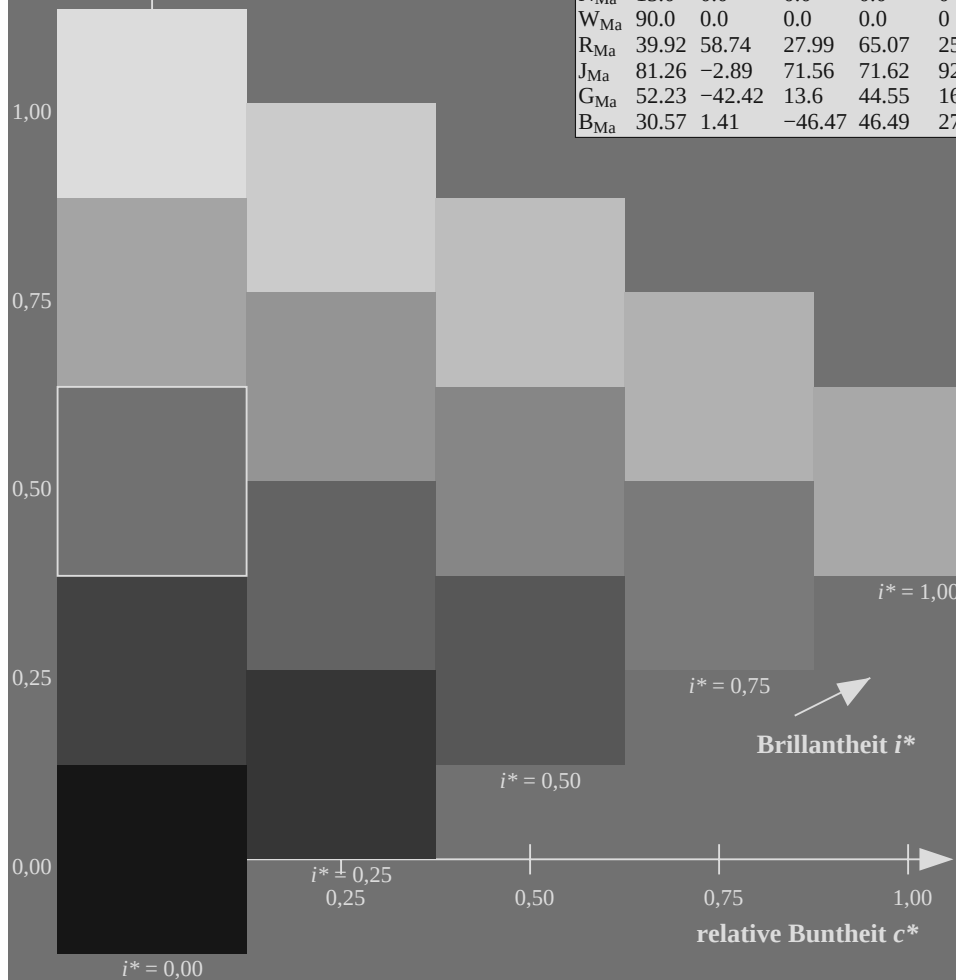
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

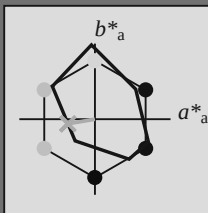
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.5

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

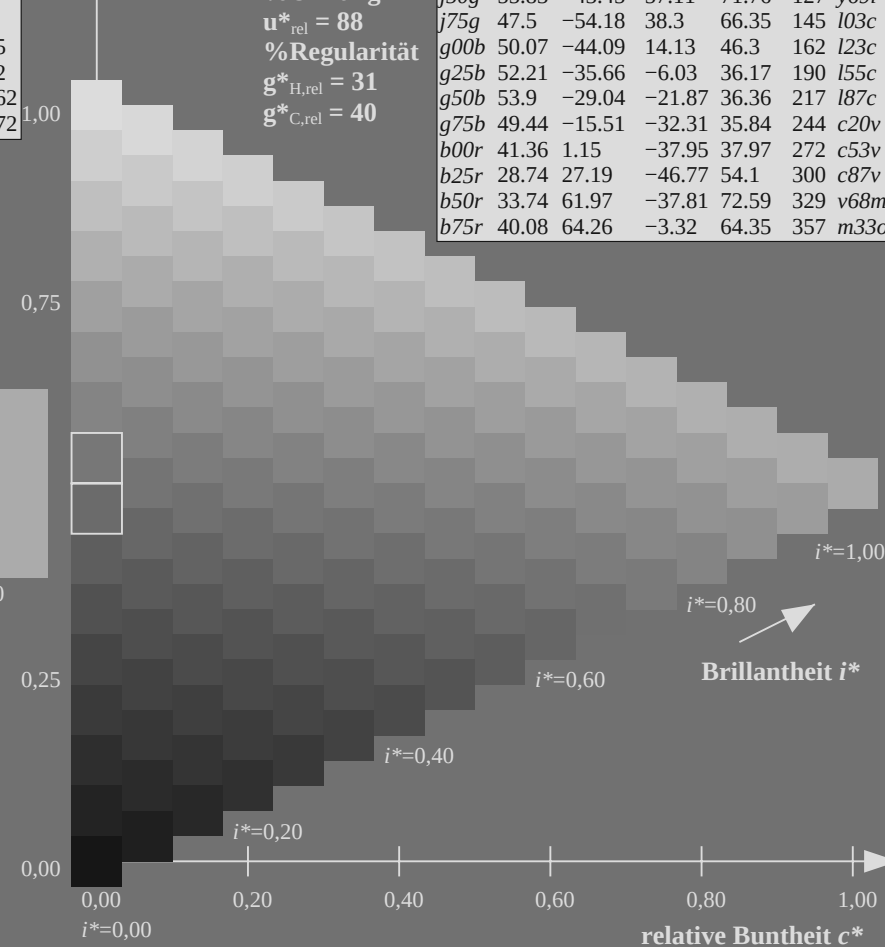
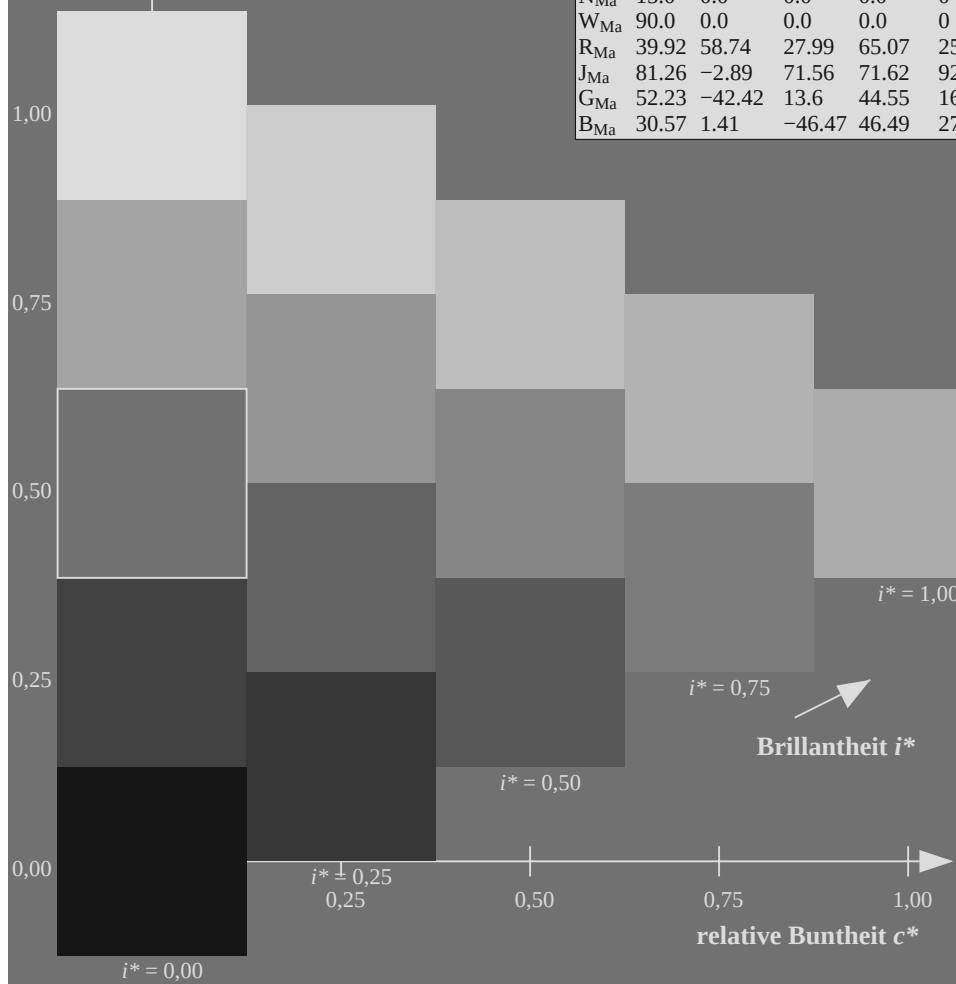
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

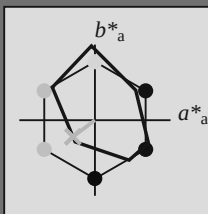
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

$lab^*rgb^*_{Ma}$ : 0.0 1.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $t^*$

%Umfang

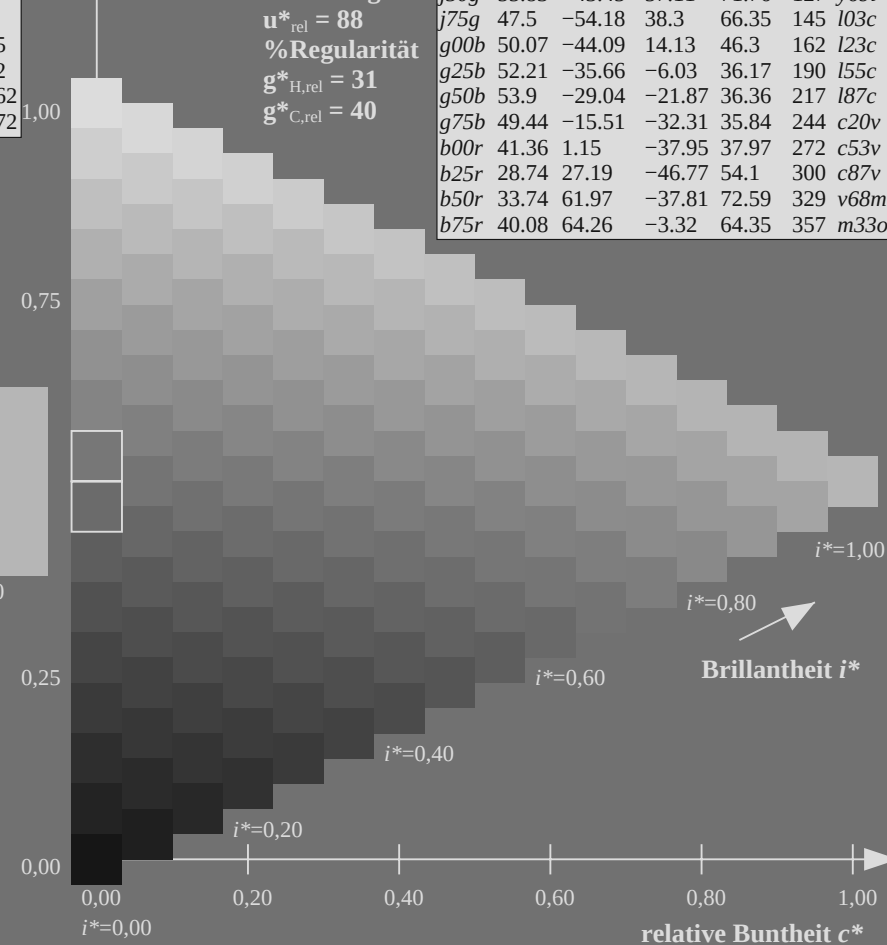
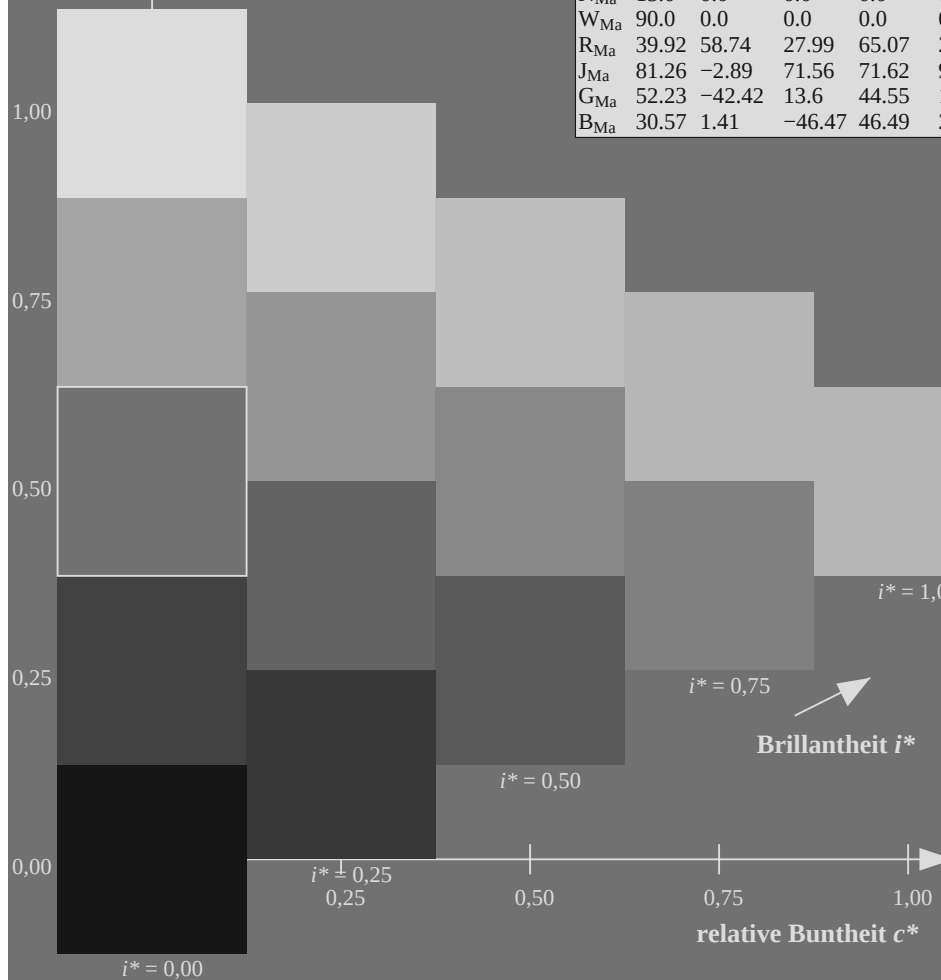
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |                      |
|------------------------------------|---------|-------------|---------|---------|--------------|----------------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ $u^*_d$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o                 |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y                 |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y                 |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y                 |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y                 |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l                 |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l                 |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c                 |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c                 |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c                 |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c                 |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v                 |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v                 |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v                 |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m                 |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o                 |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

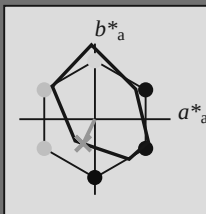
Bunttontexte:

$u_e^* = g75b$   $u_d^* = c20v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 49 -16 -32

$LAB^*LCH^*Ma$ : 49 36 244

$lab^*rgb^*Ma$ : 0.0 0.5 1.0

$lab^*olv^*Ma$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

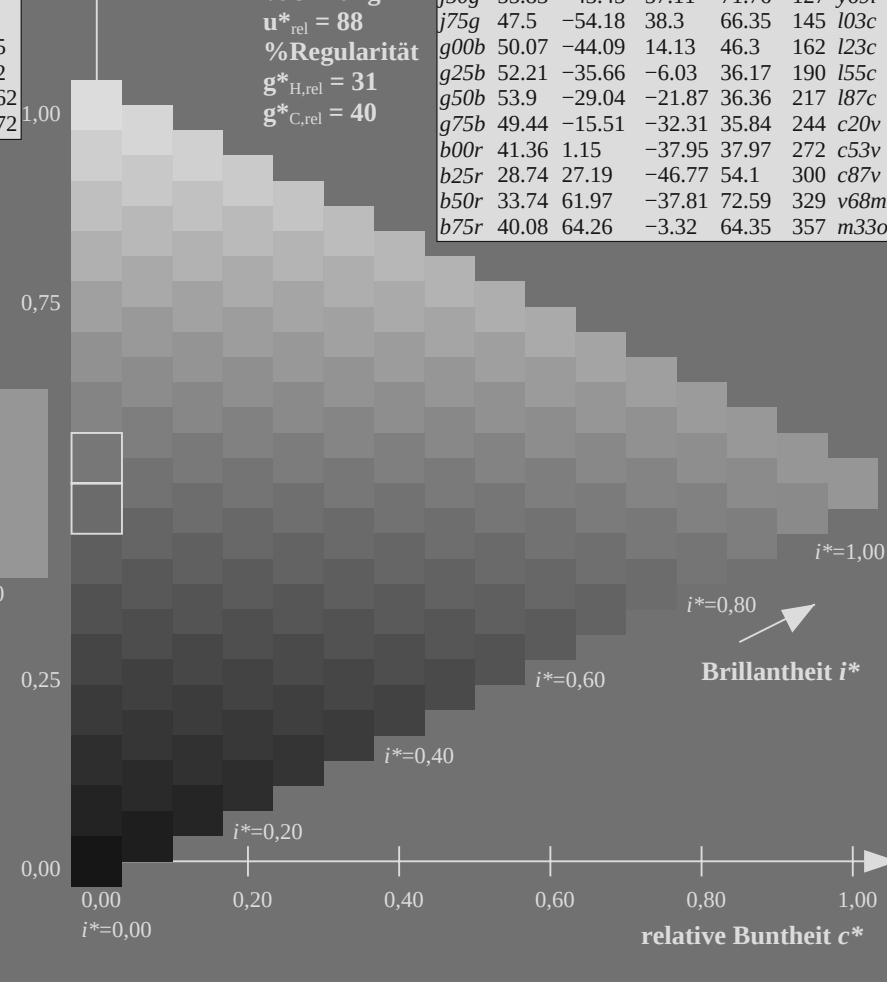
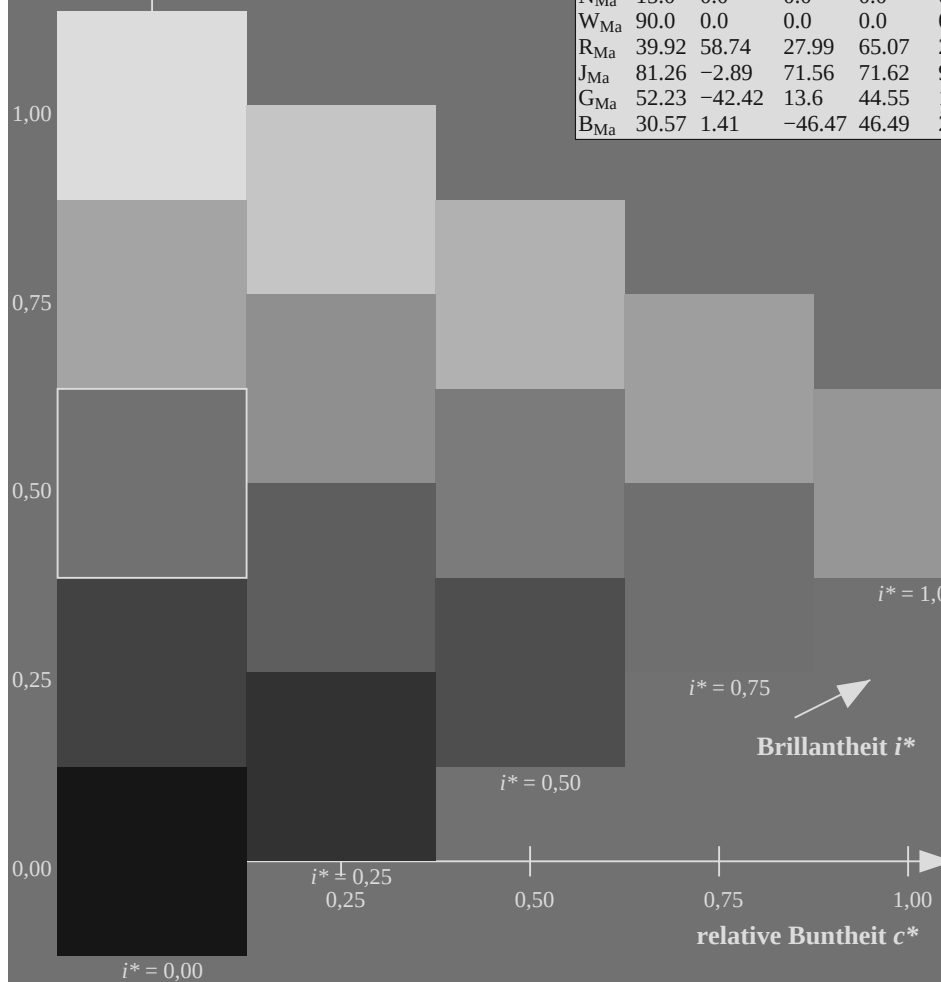
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

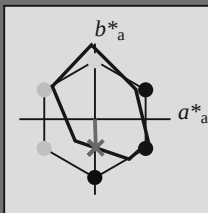
Bunttontexte:

$u_e^* = b00r$   $u_d^* = c53v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$         | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 41 1 -38

$LAB^*LCH^*Ma$ : 41 38 271

$lab^*rgb^*Ma$ : 0.0 0.0 1.0

$lab^*olv^*Ma$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

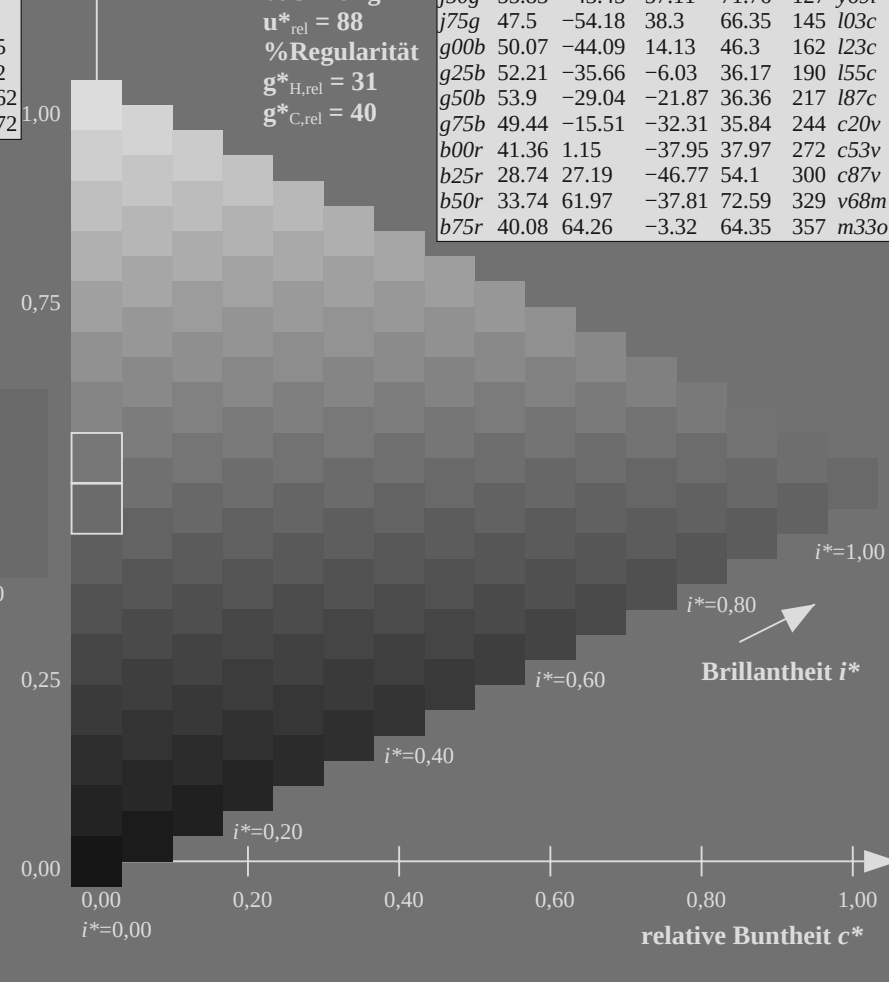
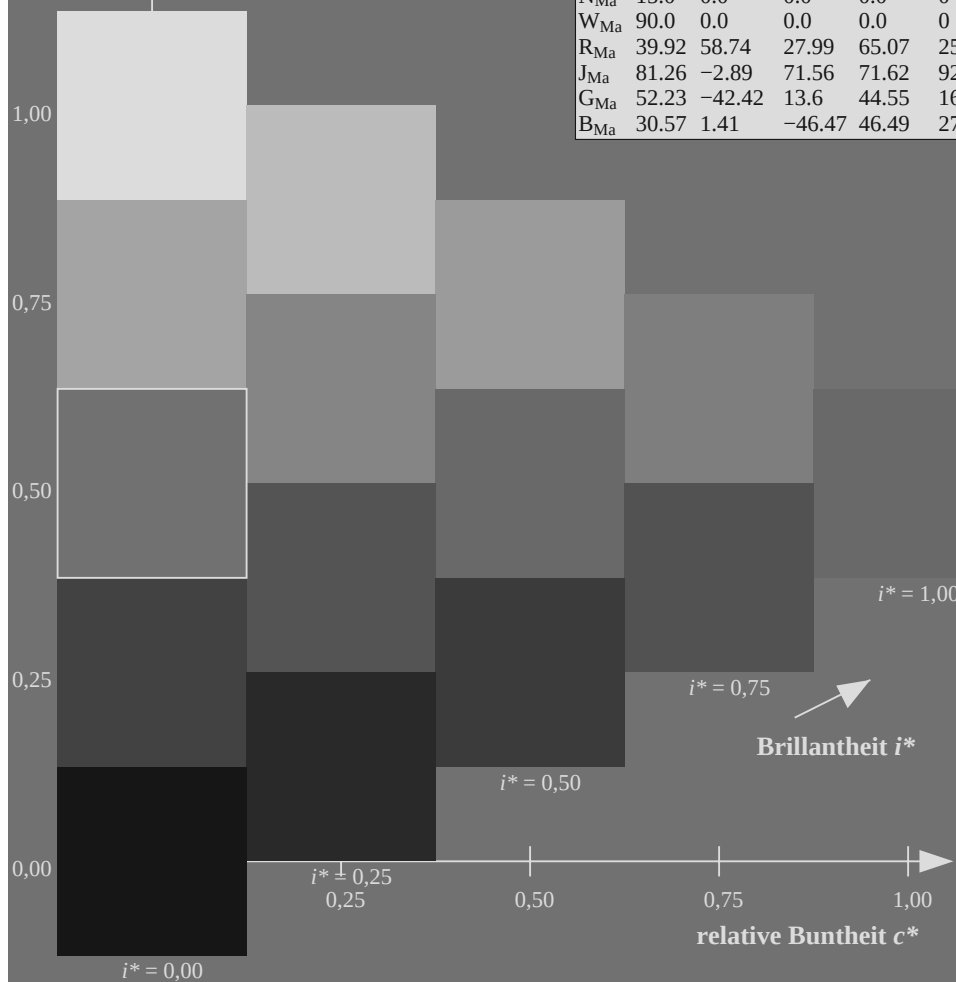
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

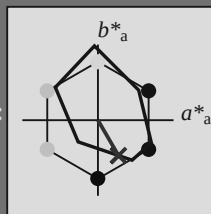
Bunttontexte:

$u_e^* = b25r$   $u_d^* = c87v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 29 27 -47

$LAB^*LCH^*Ma$ : 29 54 300

$lab^*rgb^*Ma$ : 0.5 0.0 1.0

$lab^*olv^*Ma$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

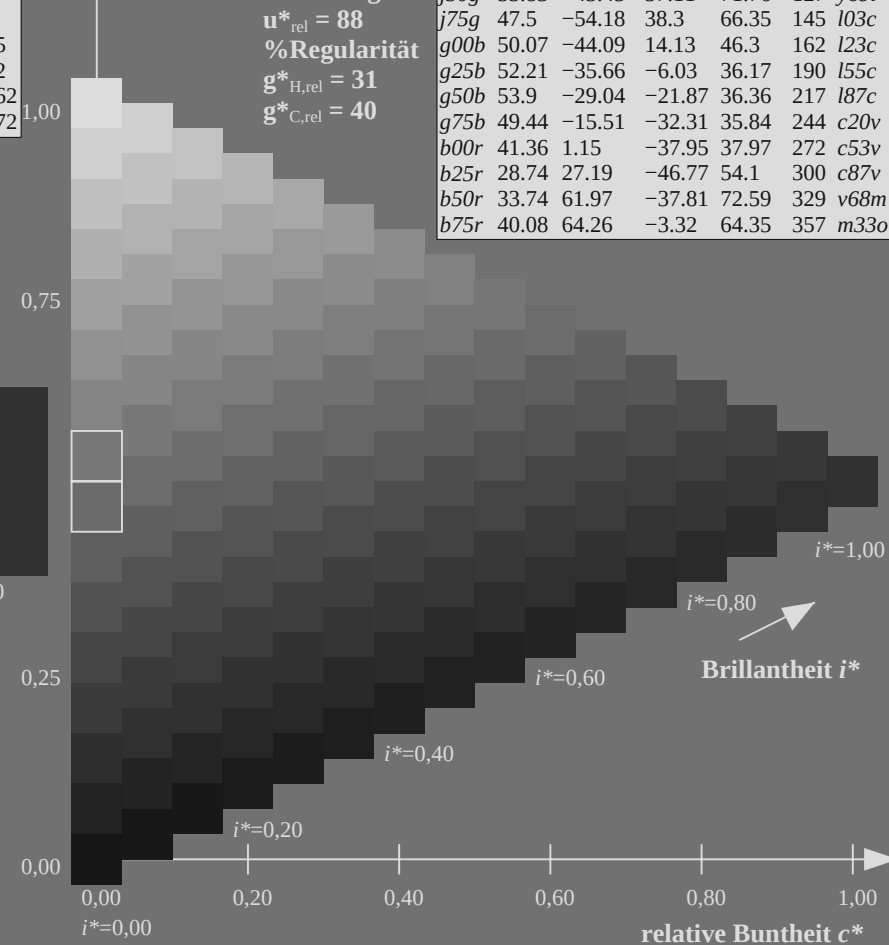
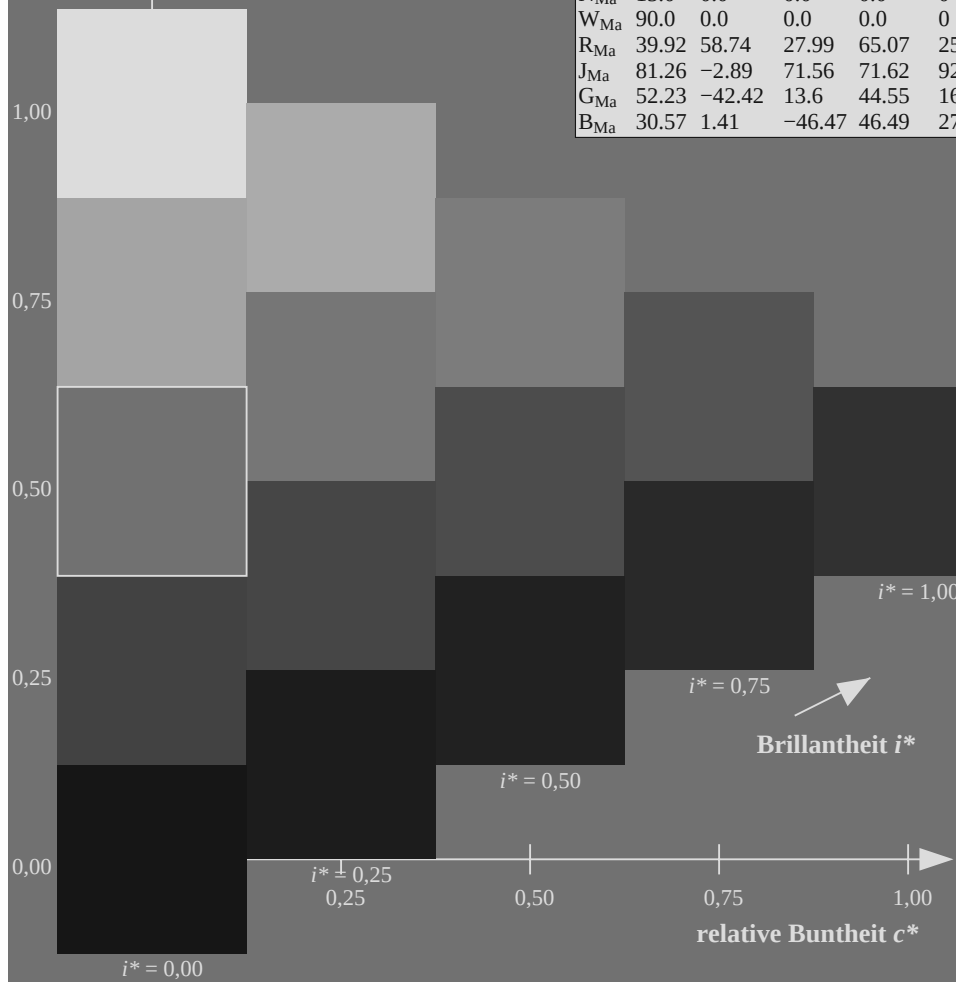
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

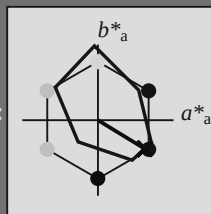
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 34 62 -38

$LAB^*LCH^*_{Ma}$ : 34 73 328

$lab^*rgb^*_{Ma}$ : 1.0 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

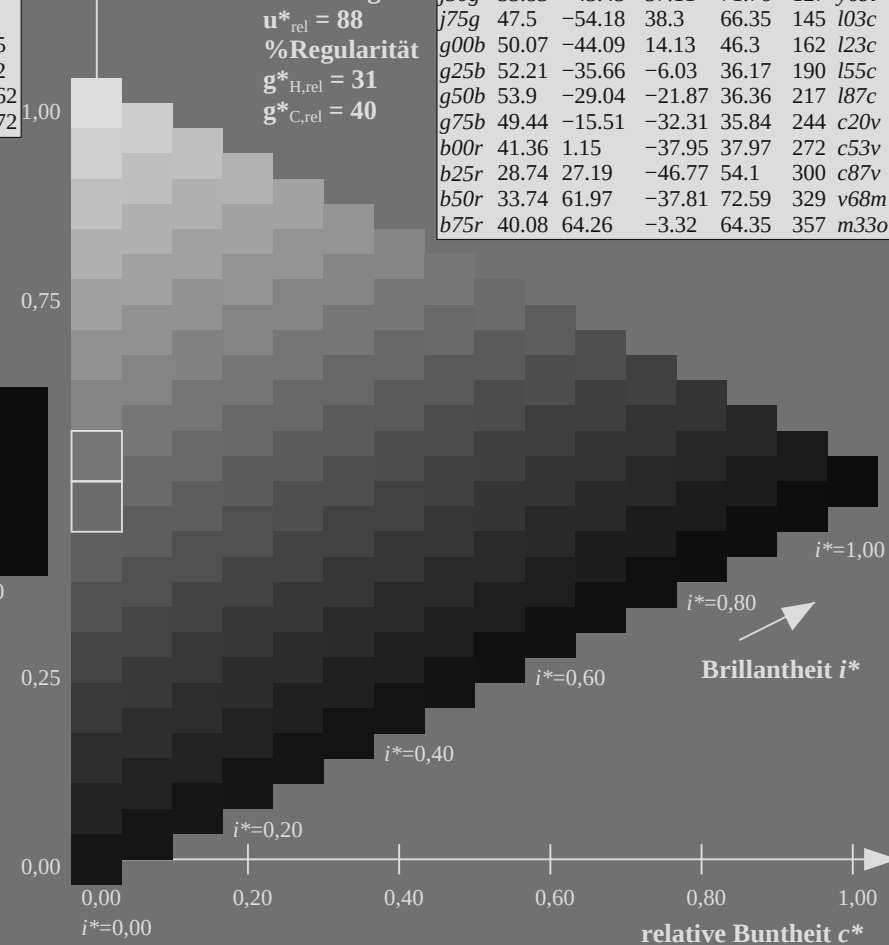
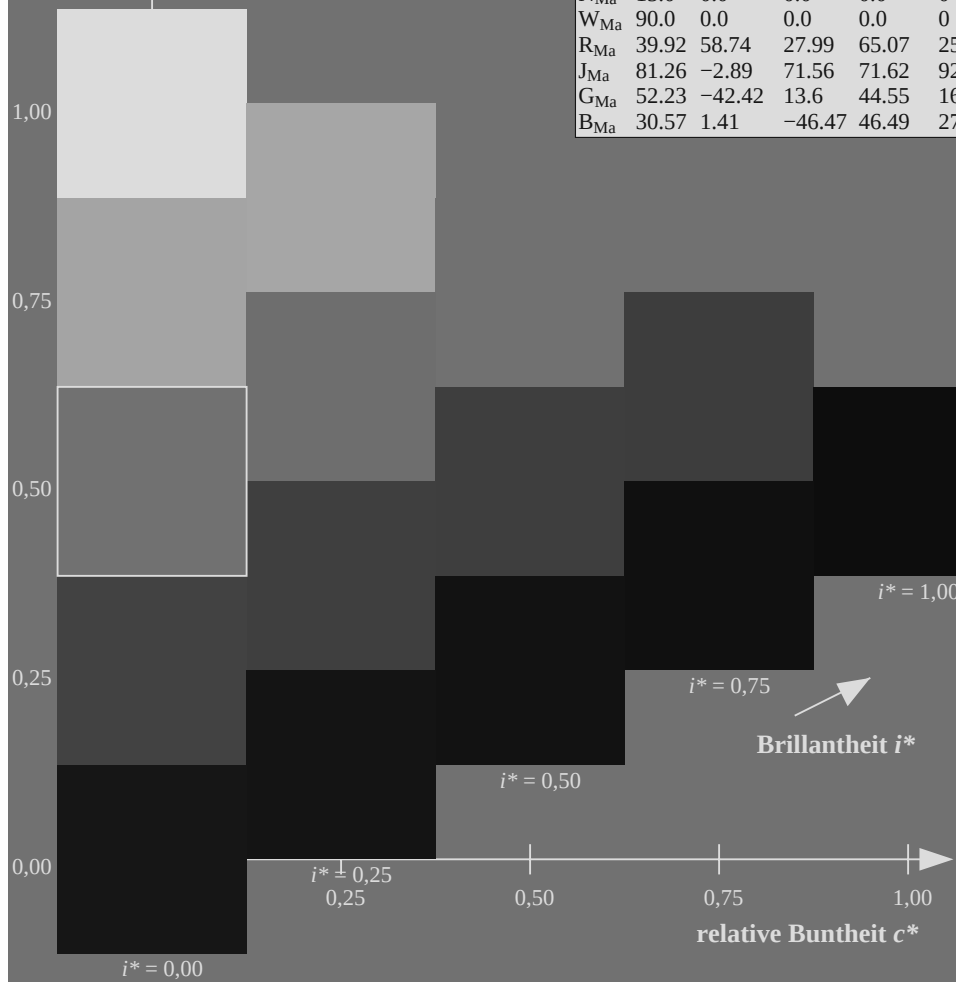
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |         |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|---------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |





Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

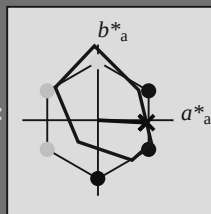
Bunttontexte:

$u_e^* = b75r$   $u_d^* = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 40 64 -3

$LAB^*LCH^*Ma$ : 40 64 357

$lab^*rgb^*Ma$ : 1.0 0.0 0.5

$lab^*olv^*Ma$ : 1.0 0.0 0.66

Dreiecks-Helligkeit  $t^*$

%Umfang

$u_{rel}^* = 88$

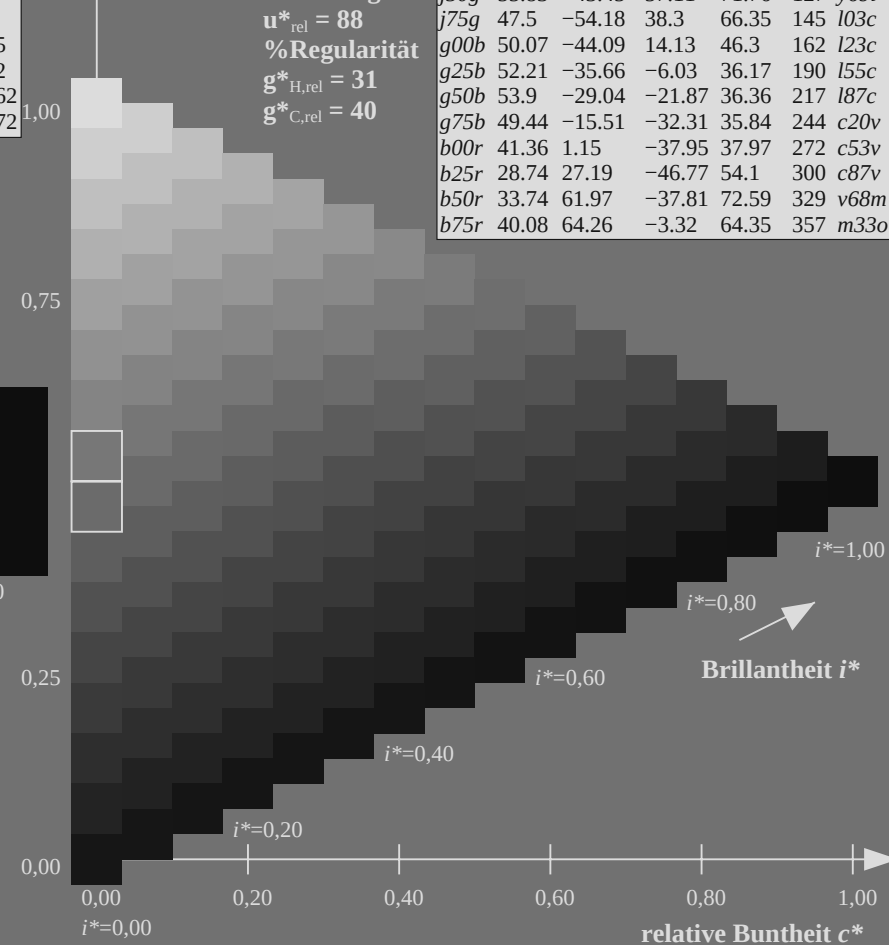
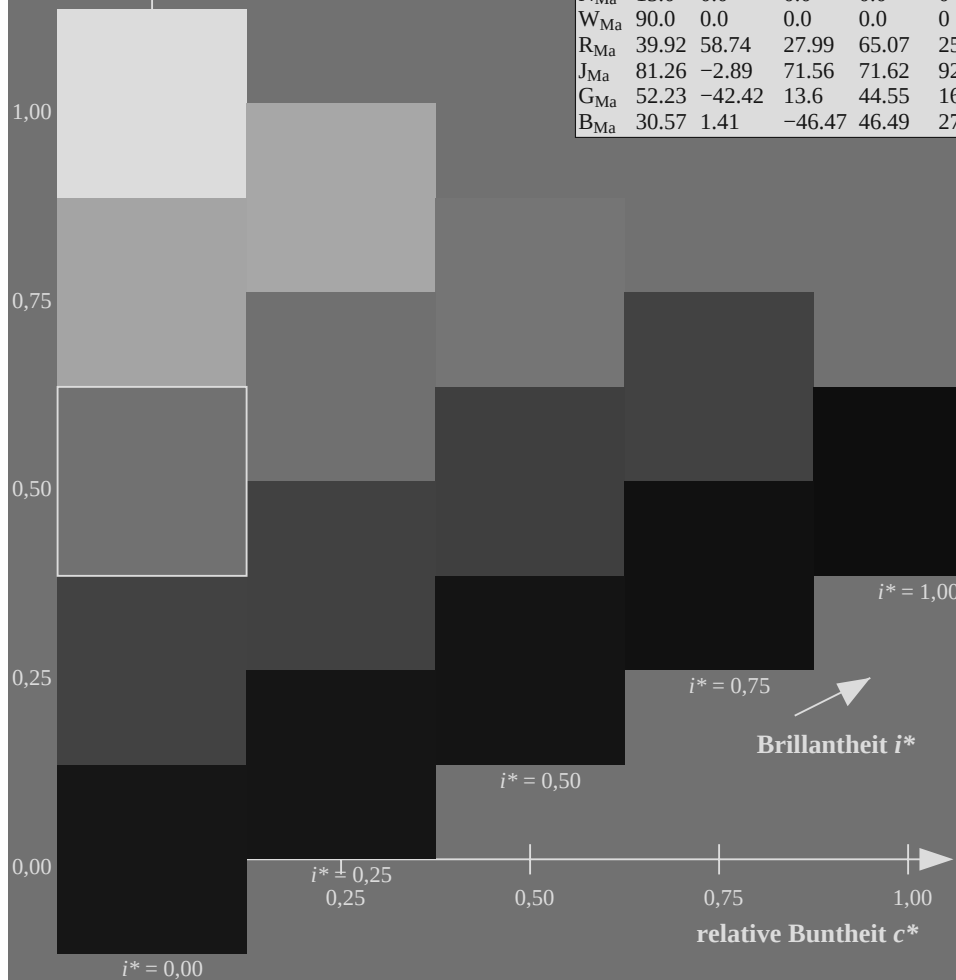
%Regularität

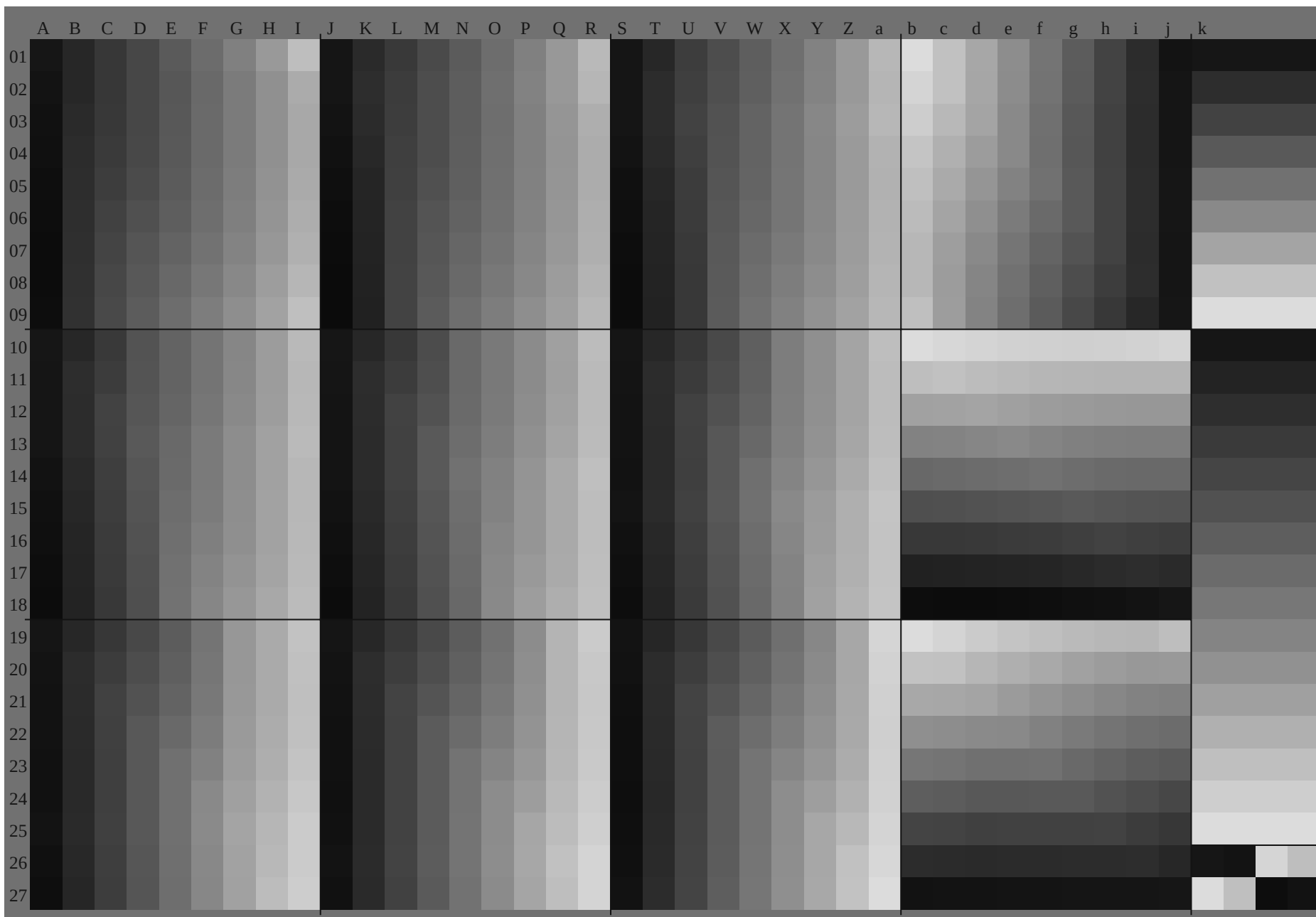
$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |





Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS15\_90a  
Daten für jede Farbe:

$u_e^*$  und Nummer Nr. = 00 .. 15

Elementar-Bunttontext:

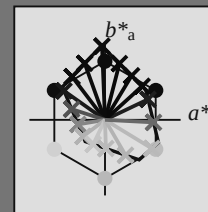
$u_e^* = 16$  Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$ | $L^*=L_a^*$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u_d^*$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| $r00j$  | 39.18       | 56.94   | 27.13   | 63.07        | 25           | $m81o$  |
| $r25j$  | 42.41       | 49.1    | 44.5    | 66.26        | 42           | $o10y$  |
| $r50j$  | 52.78       | 35.22   | 58.37   | 68.17        | 59           | $o40y$  |
| $r75j$  | 64.82       | 19.12   | 74.47   | 76.89        | 76           | $o69y$  |
| $j00g$  | 82.06       | -3.94   | 97.52   | 97.6         | 92           | $o98y$  |
| $j25g$  | 67.26       | -26.87  | 74.67   | 79.36        | 110          | $y34l$  |
| $j50g$  | 55.83       | -43.45  | 57.11   | 71.76        | 127          | $y69l$  |
| $j75g$  | 47.5        | -54.18  | 38.3    | 66.35        | 145          | $l03c$  |
| $g00b$  | 50.07       | -44.09  | 14.13   | 46.3         | 162          | $l23c$  |
| $g25b$  | 52.21       | -35.66  | -6.03   | 36.17        | 190          | $l55c$  |
| $g50b$  | 53.9        | -29.04  | -21.87  | 36.36        | 217          | $l87c$  |
| $g75b$  | 49.44       | -15.51  | -32.31  | 35.84        | 244          | $c20v$  |
| $b00r$  | 41.36       | 1.15    | -37.95  | 37.97        | 272          | $c53v$  |
| $b25r$  | 28.74       | 27.19   | -46.77  | 54.1         | 300          | $c87v$  |
| $b50r$  | 33.74       | 61.97   | -37.81  | 72.59        | 329          | $v68m$  |
| $b75r$  | 40.08       | 64.26   | -3.32   | 64.35        | 357          | $m33o$  |



%Umfang

$u_{rel}^* = 88$

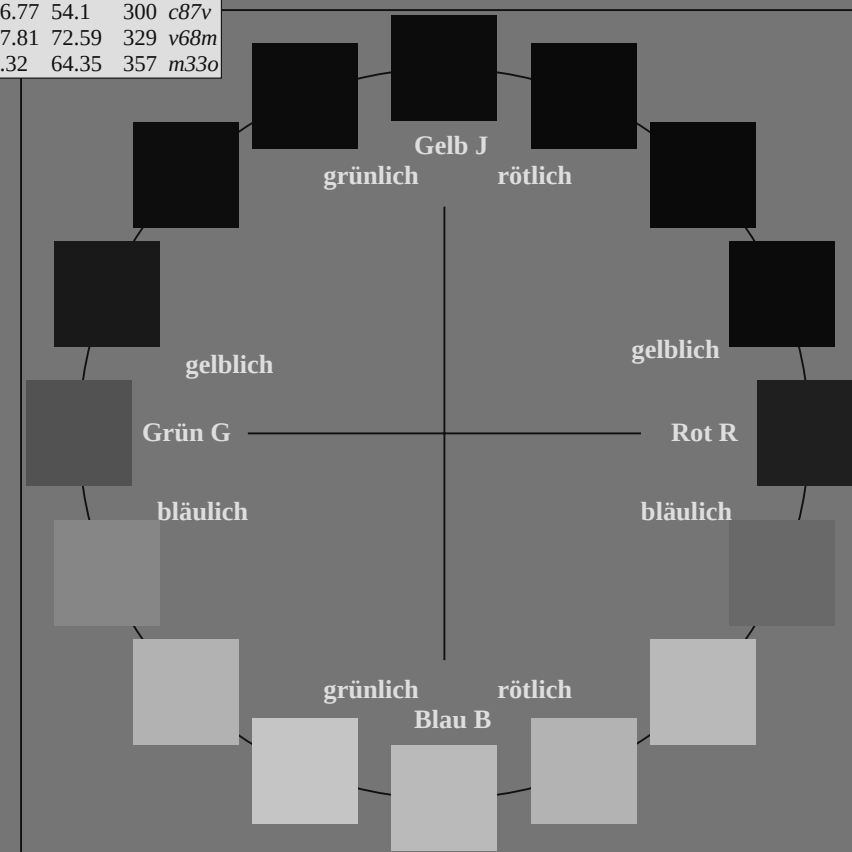
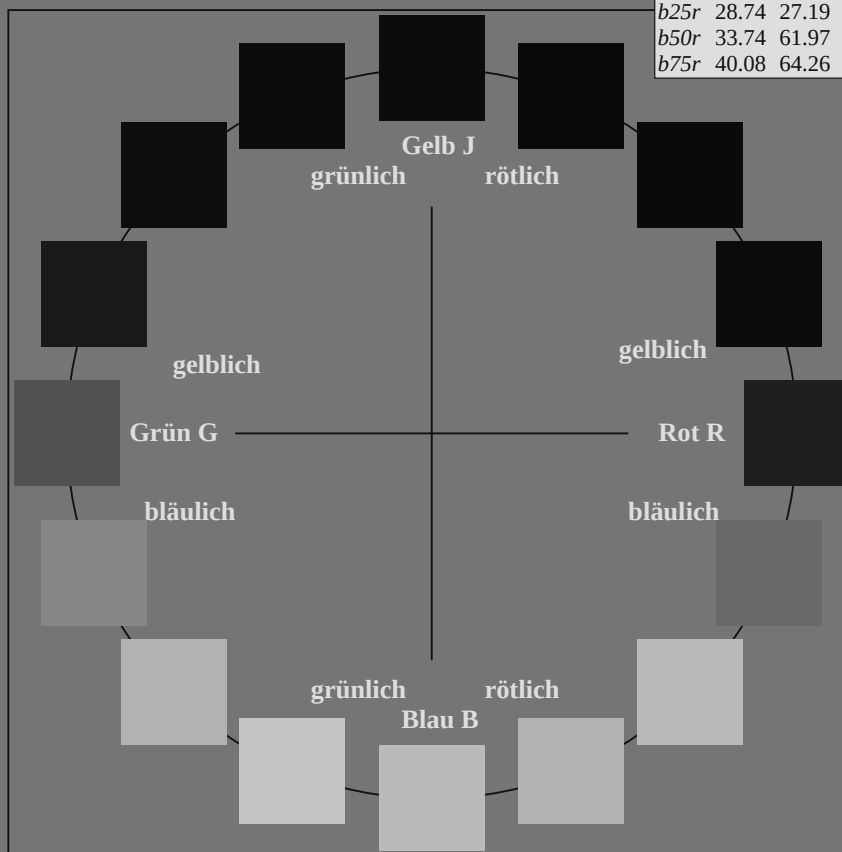
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| Name      | $L^*=L_a^*$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_{Ma}$  | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| $Y_{Ma}$  | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| $L_{Ma}$  | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| $C_{Ma}$  | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| $V_{Ma}$  | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| $M_{Ma}$  | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| $N_{Ma}$  | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$  | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$ | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| $G_{CIE}$ | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| $B_{CIE}$ | 30.57       | 1.41    | -46.47  | 46.49        | 272          |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

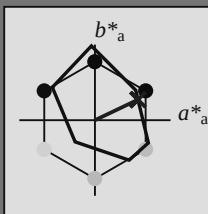
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 57 27

$LAB^*LCH^*_{Ma}$ : 39 63 25

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.0 0.18

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

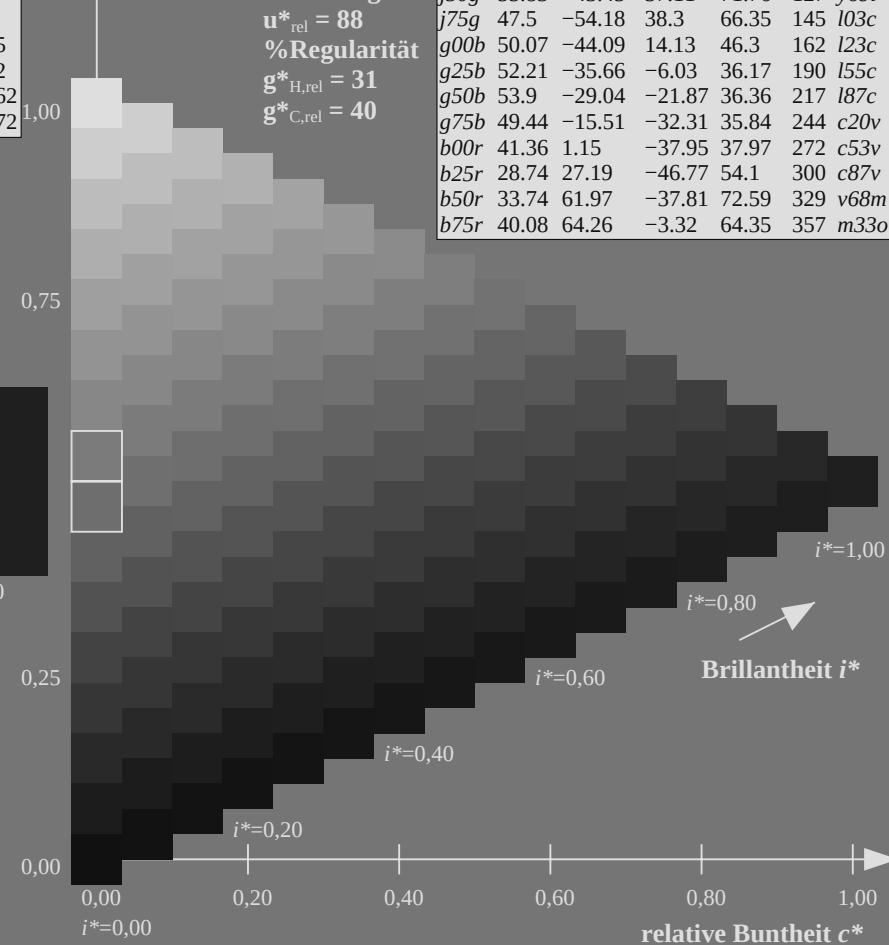
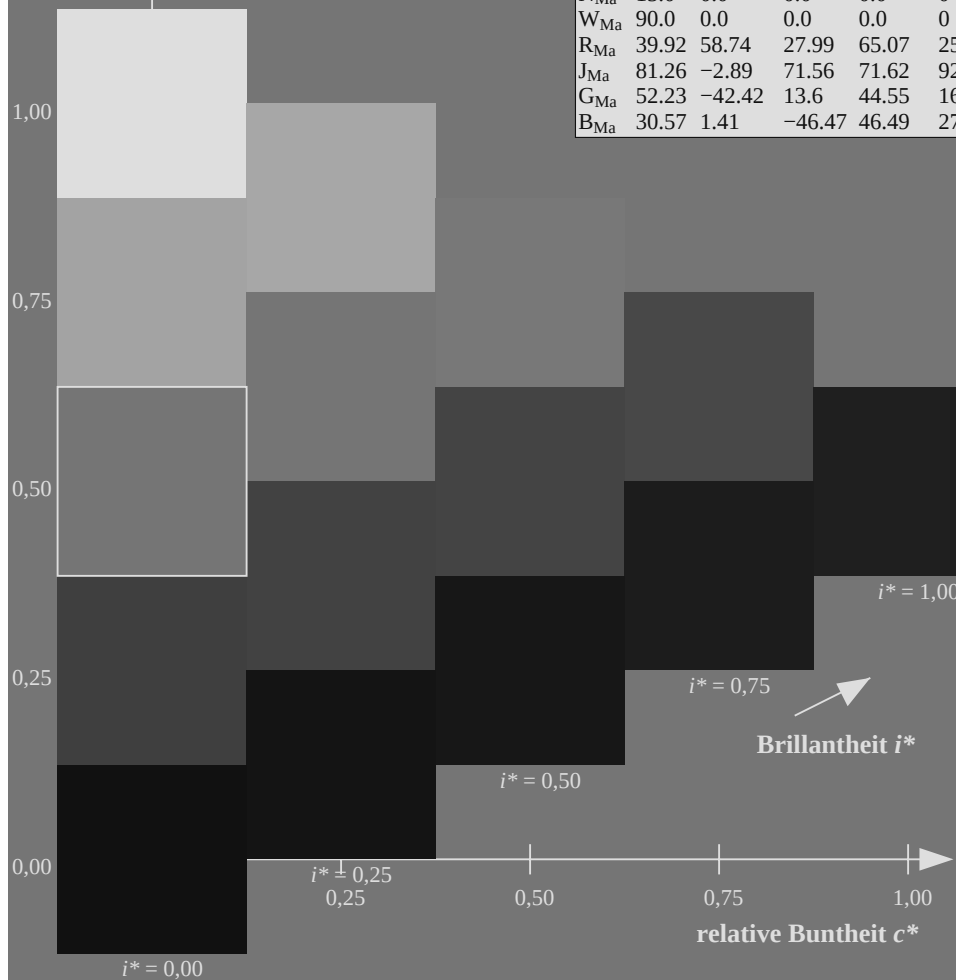
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           |              | m81o    |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           |              | o10y    |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           |              | o40y    |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           |              | o69y    |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           |              | o98y    |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          |              | y34l    |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          |              | y69l    |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          |              | l03c    |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          |              | l23c    |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          |              | l55c    |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          |              | l87c    |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          |              | c20v    |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          |              | c53v    |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          |              | c87v    |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          |              | v68m    |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          |              | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

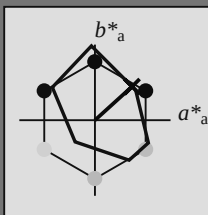
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 42 49 44

$LAB^*LCH^*Ma$ : 42 66 42

$lab^*rgb^*Ma$ : 1.0 0.25 0.0

$lab^*olv^*Ma$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

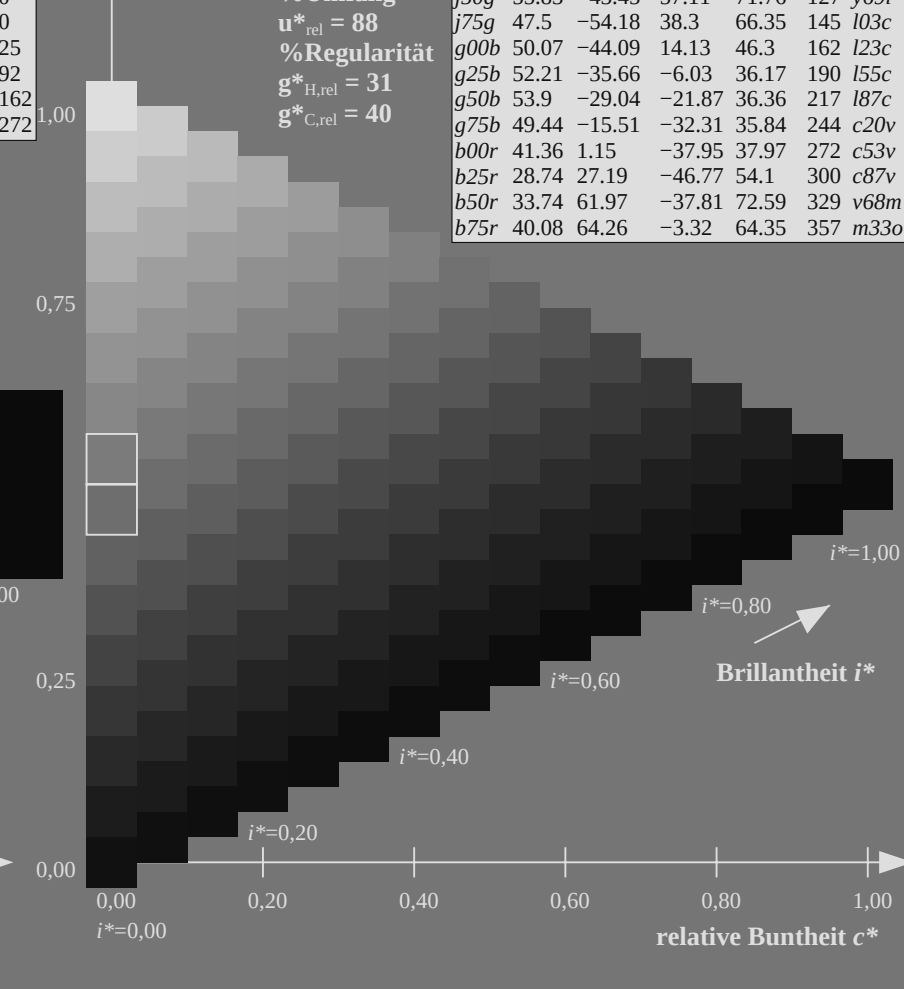
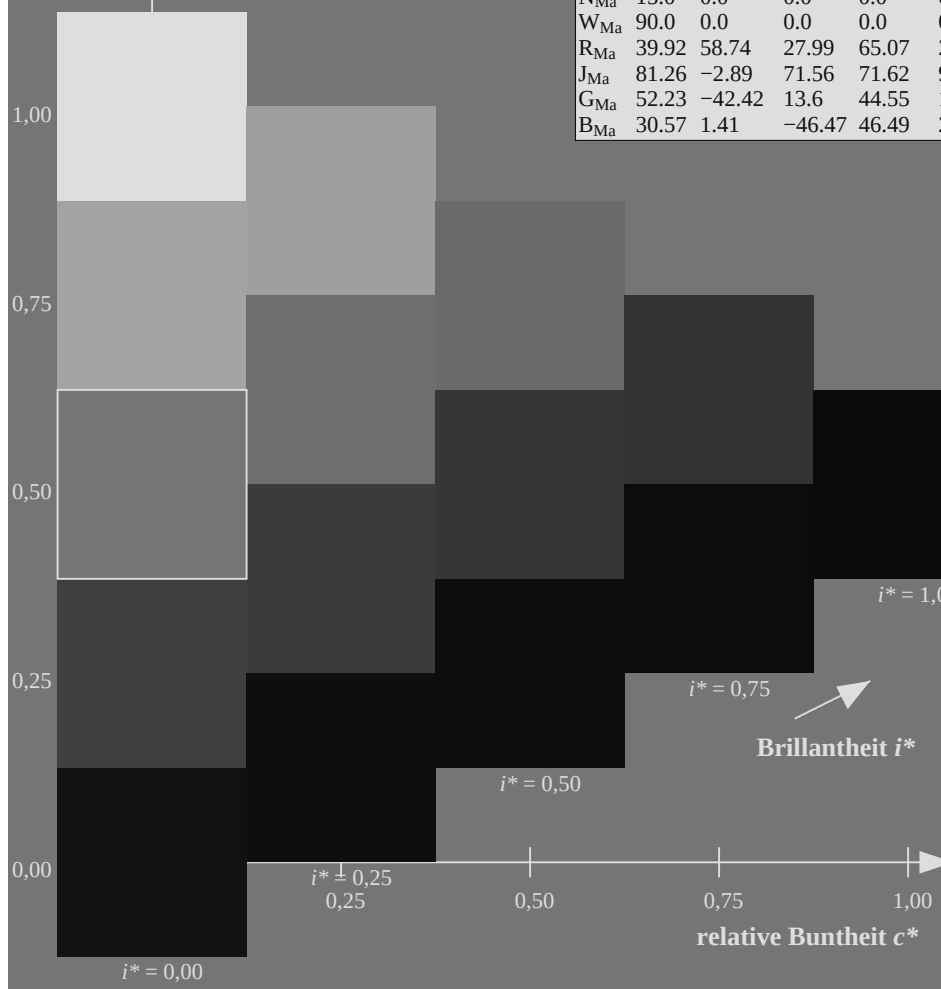
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

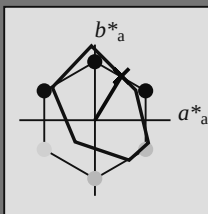
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

$lab^*rgb^*_{Ma}$ : 1.0 0.5 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

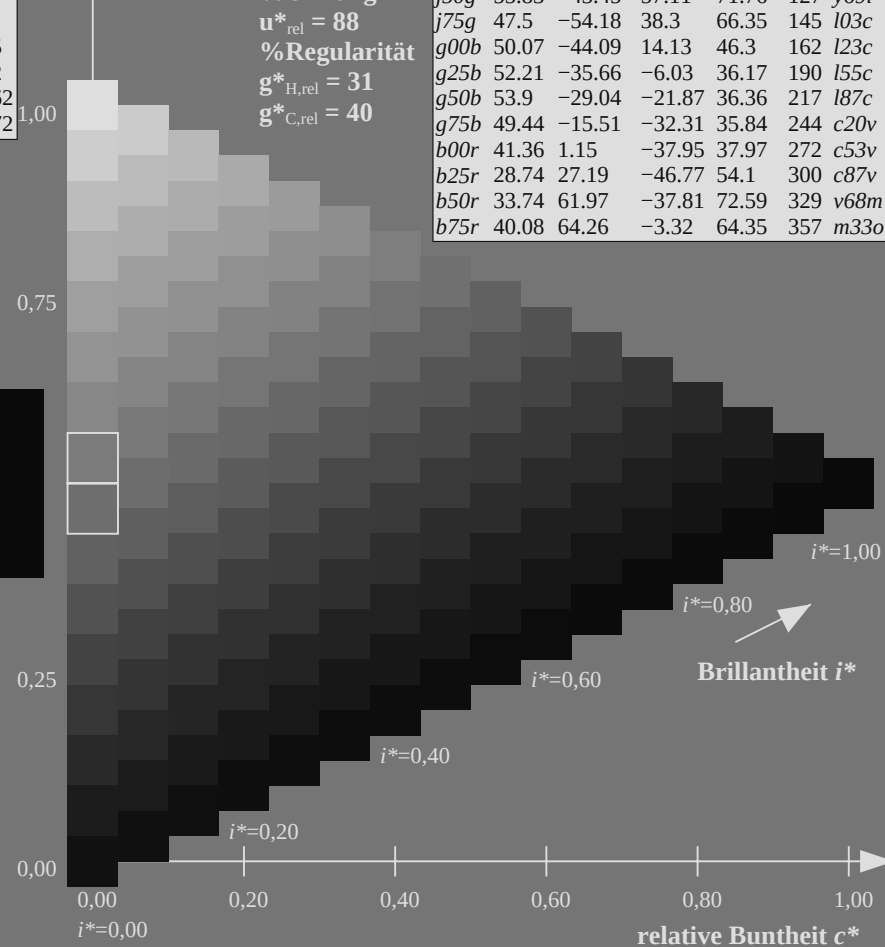
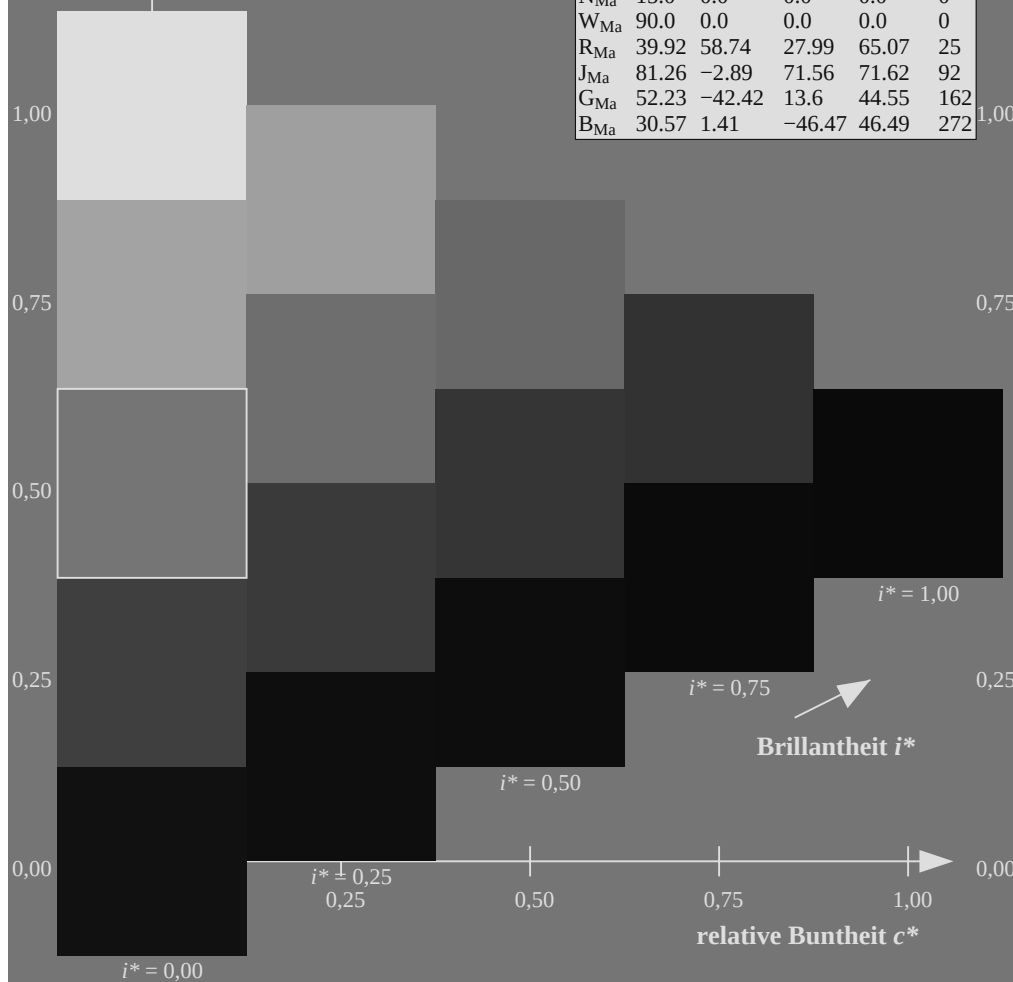
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

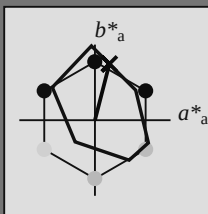
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 65 19 74

$LAB^*LCH^*_{Ma}$ : 65 77 75

$lab^*rgb^*_{Ma}$ : 1.0 0.75 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

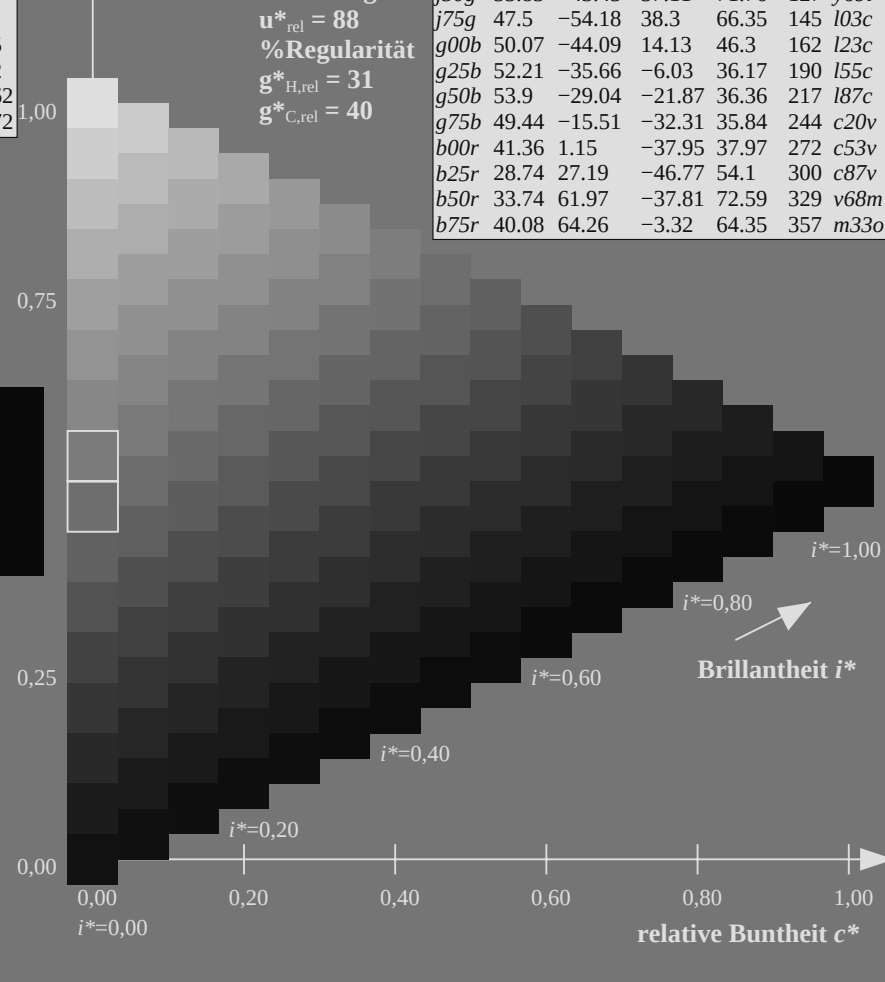
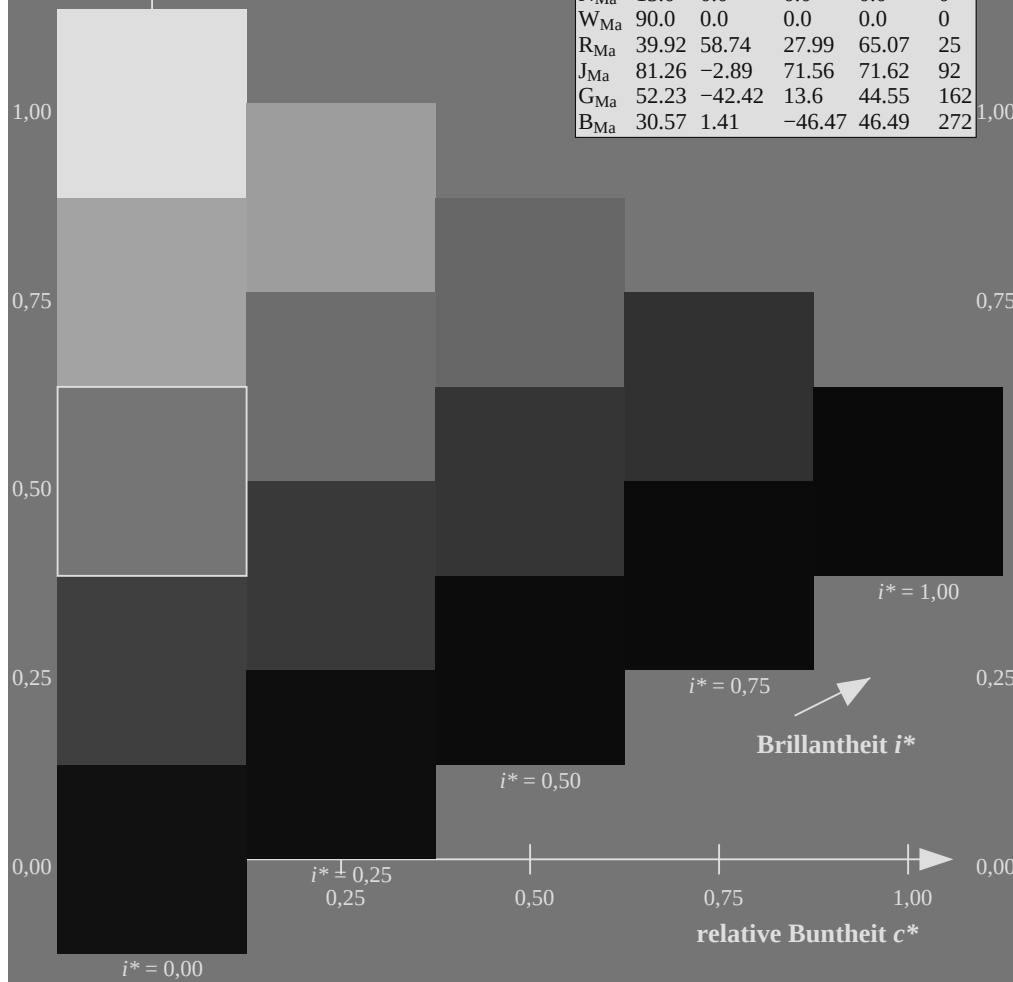
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

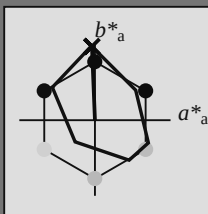
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 82 -4 98

$LAB^*LCH^*_{Ma}$ : 82 98 92

$lab^*rgb^*_{Ma}$ : 1.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.99 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

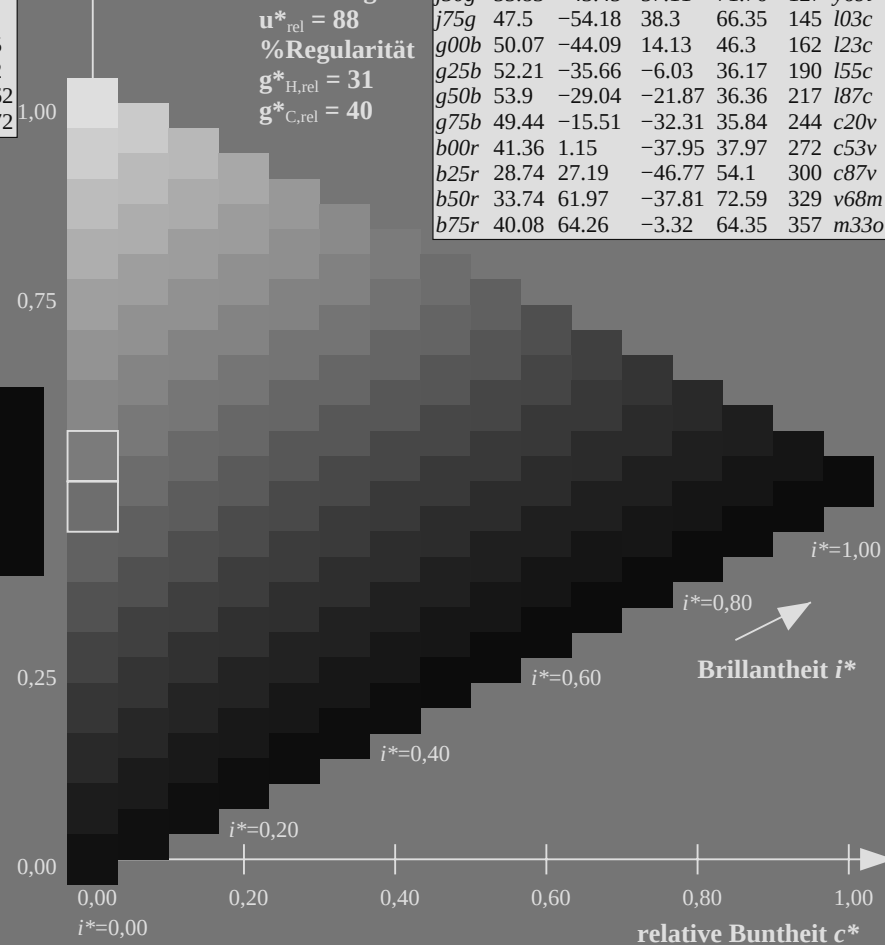
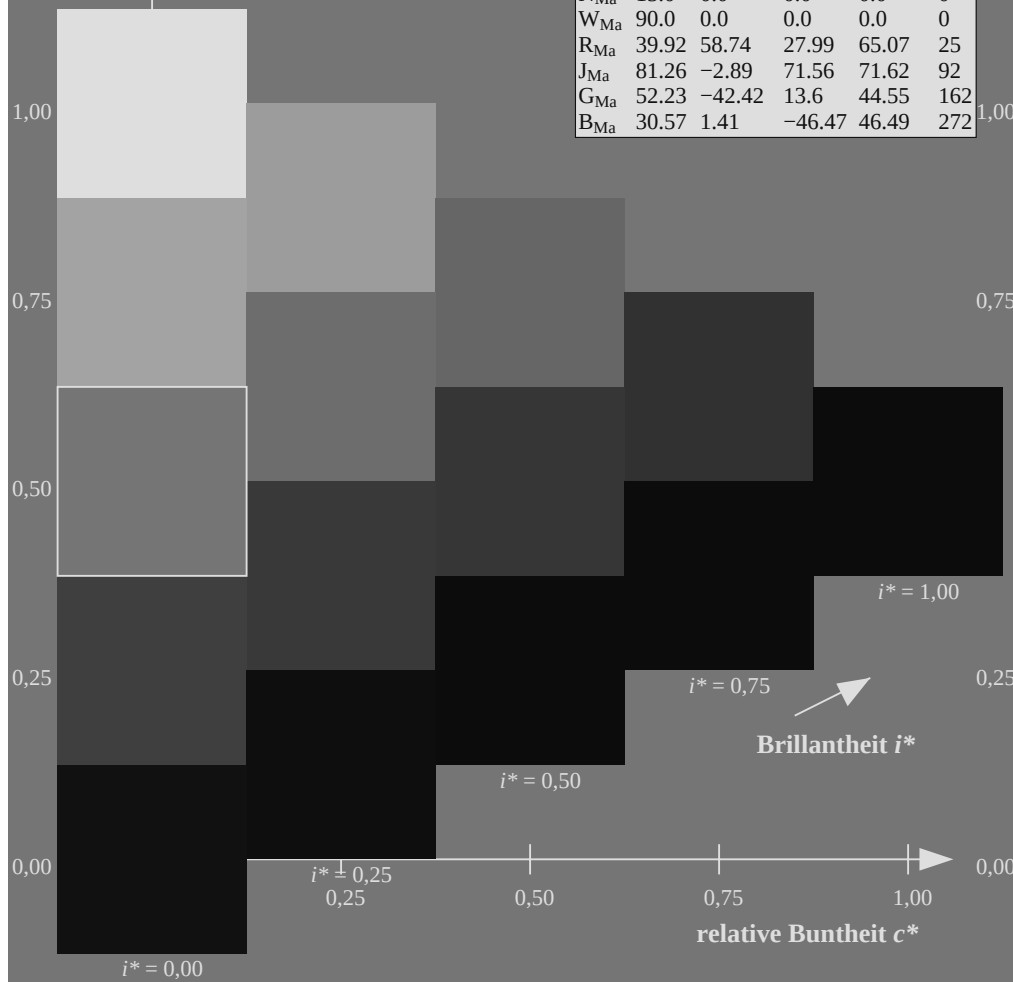
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |





Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

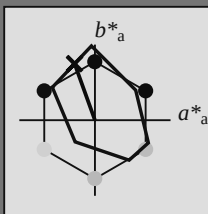
Bunttontexte:

$u_e^* = j25g$   $u_d^* = y34l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -27 75

$LAB^*LCH^*_{Ma}$ : 67 79 109

$lab^*rgb^*_{Ma}$ : 0.75 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.66 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

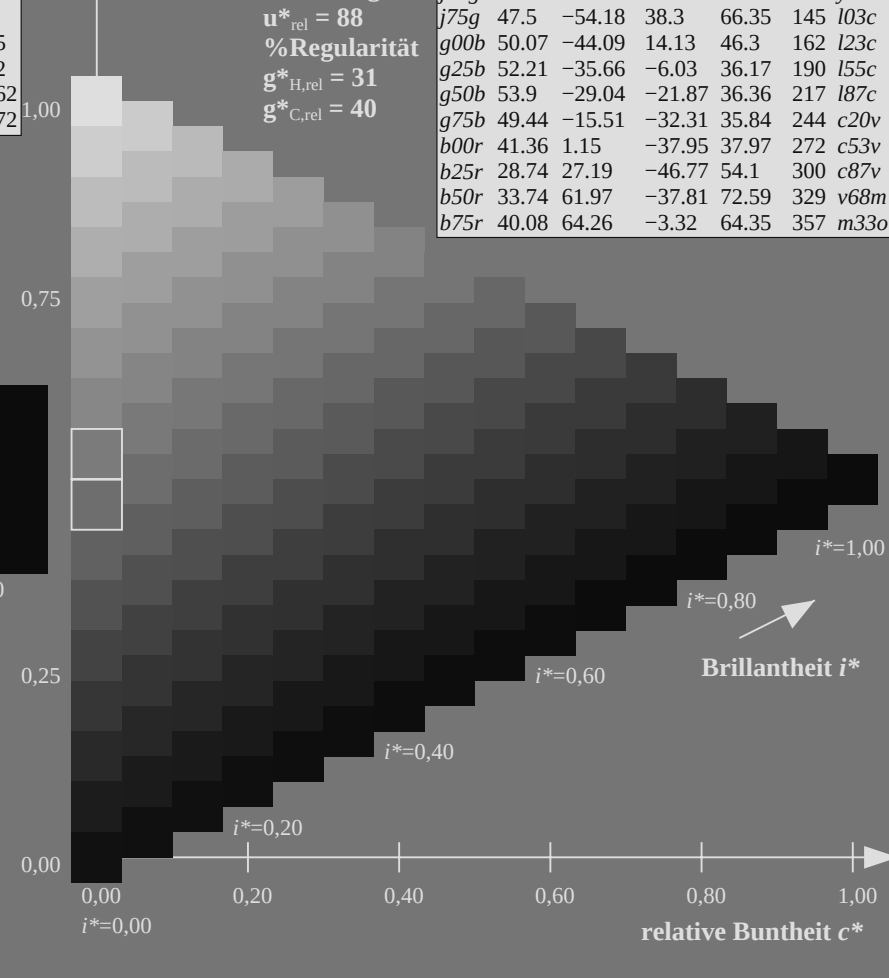
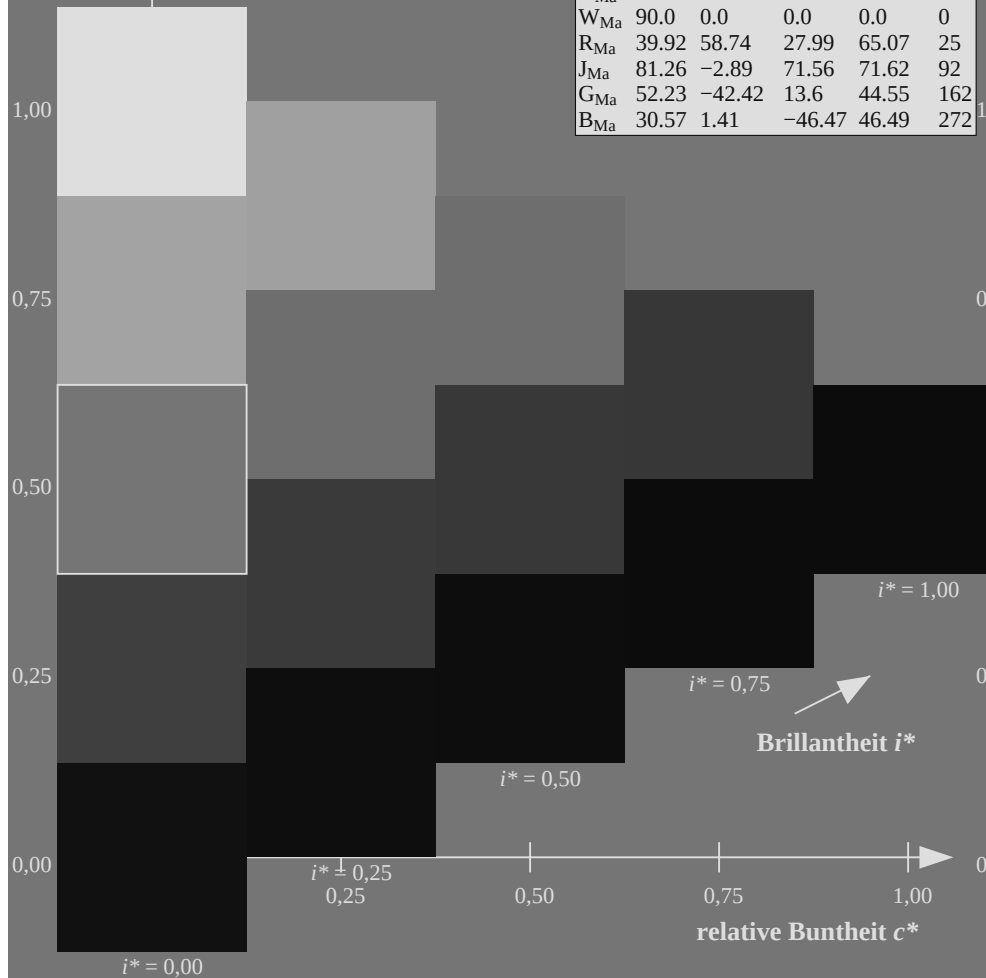
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u_d^*$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

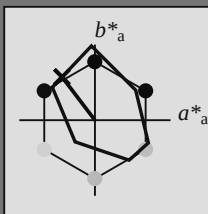
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 56 -43 57

$LAB^*LCH^*_{Ma}$ : 56 72 127

$lab^*rgb^*_{Ma}$ : 0.5 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

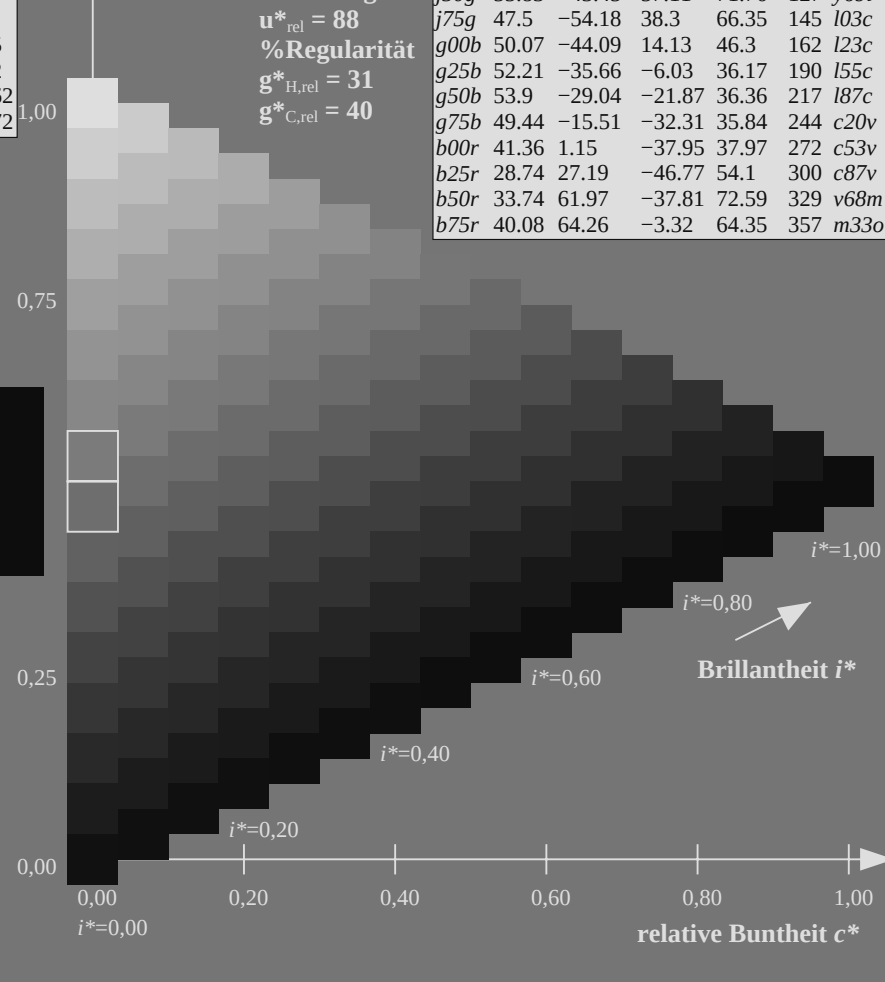
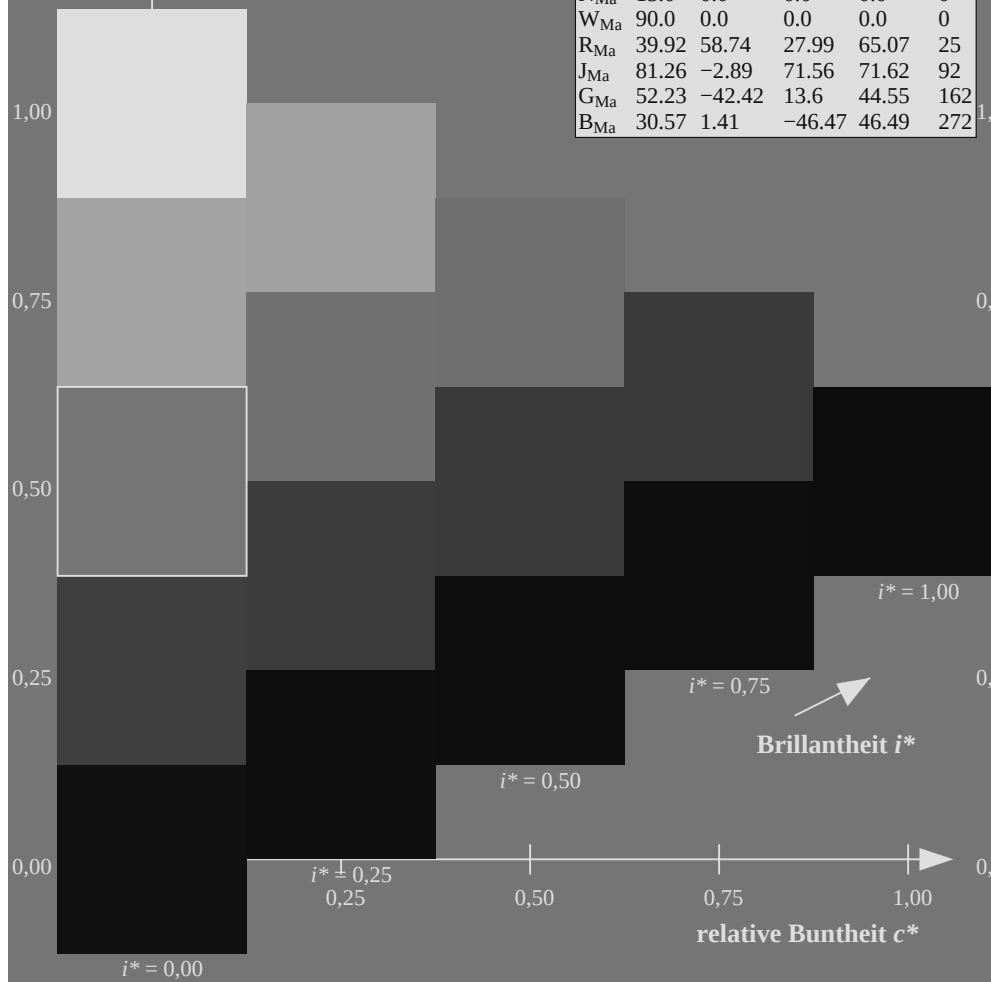
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

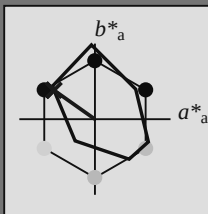
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

$lab^*rgb^*_{Ma}$ : 0.25 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $t^*$

%Umfang

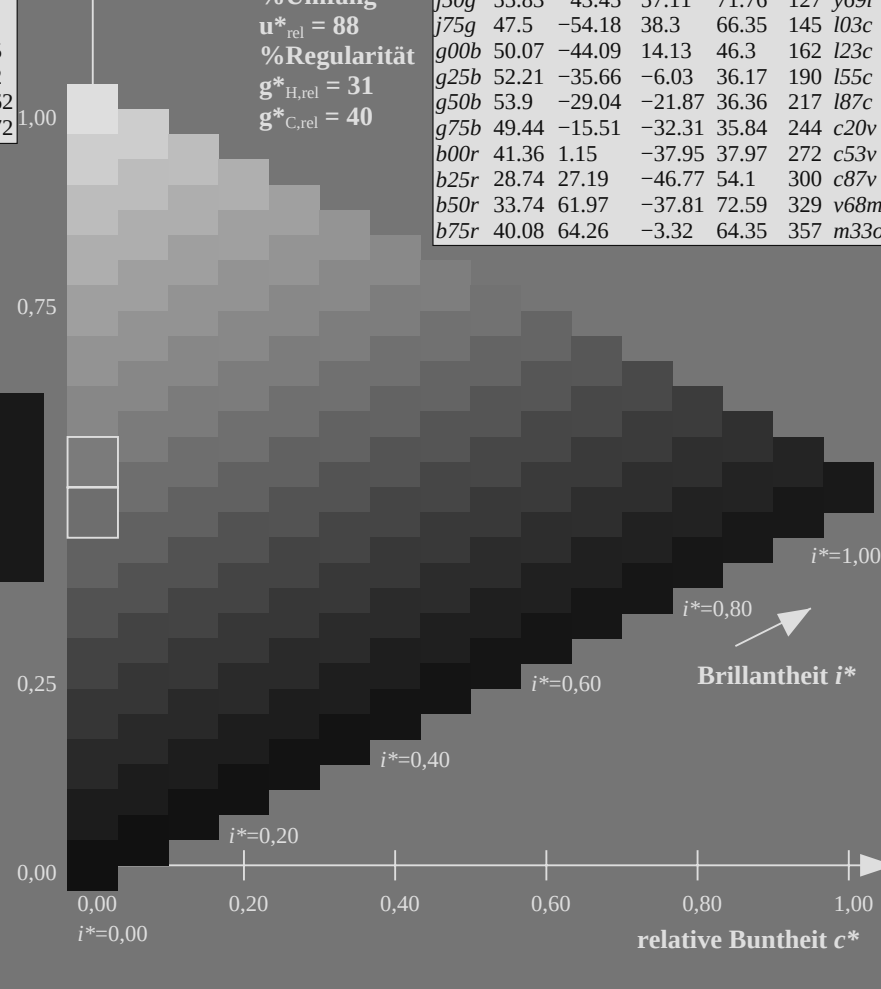
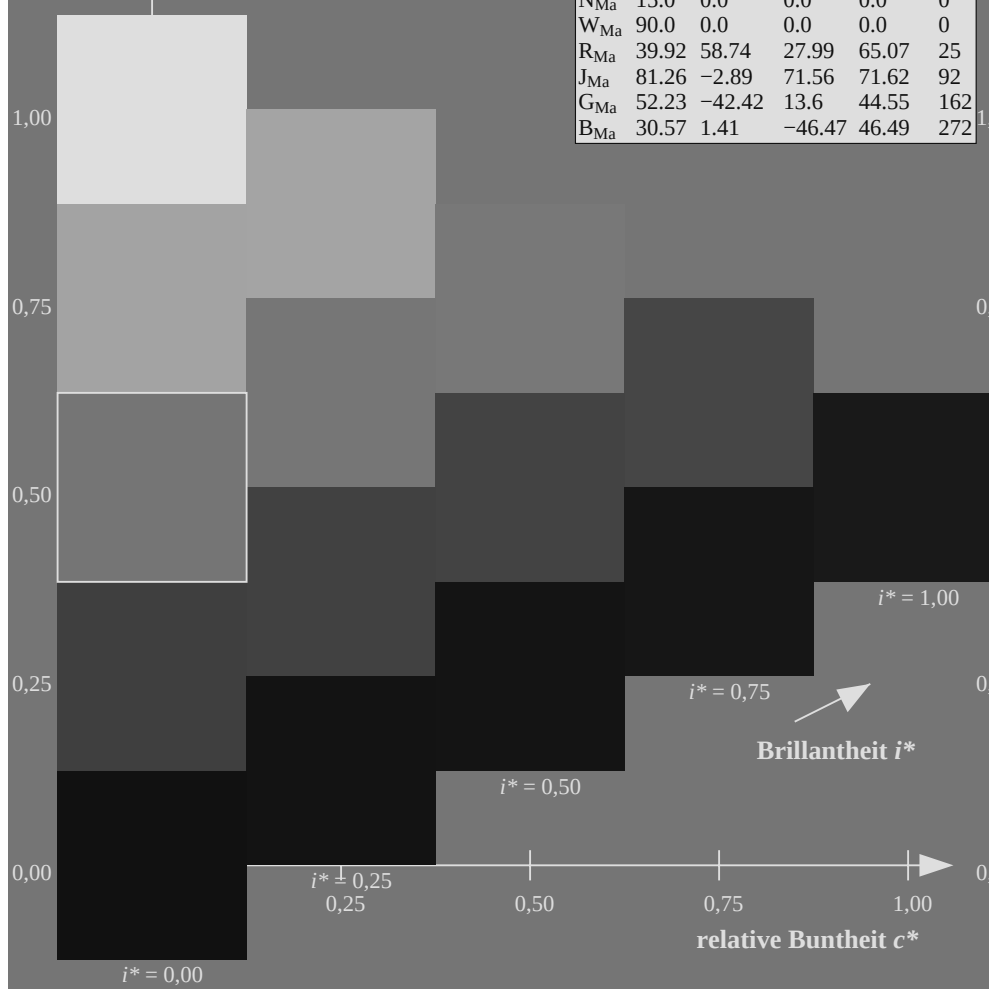
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | i03c         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | i23c         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | i55c         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | i87c         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

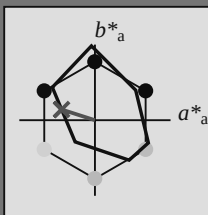
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -44 14

$LAB^*LCH^*_{Ma}$ : 50 46 162

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $t^*$

%Umfang

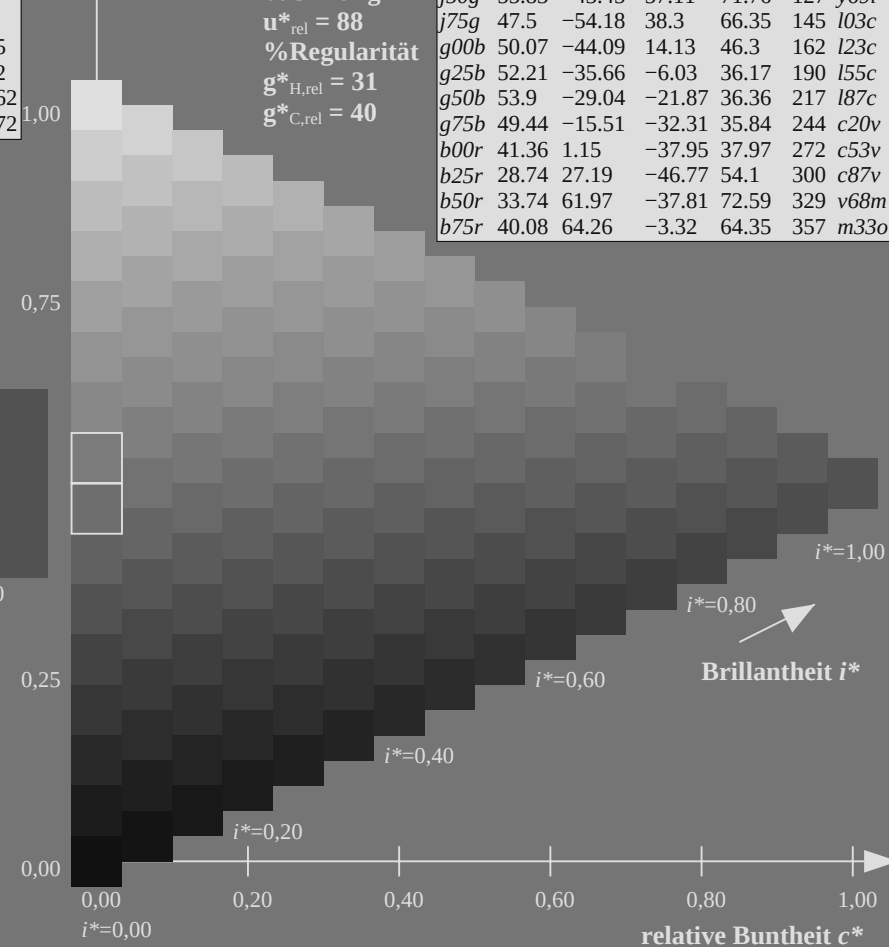
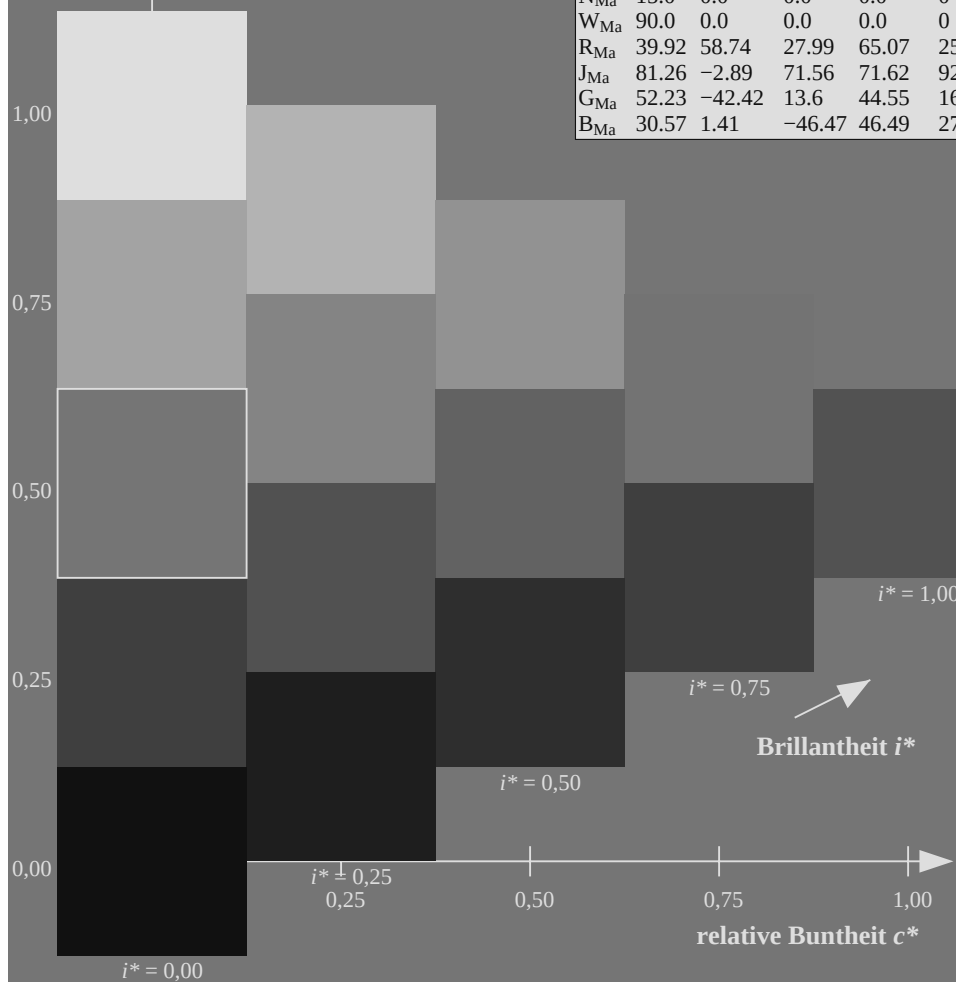
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |         |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|---------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

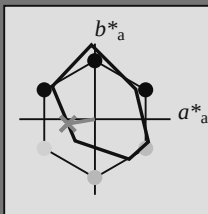
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.5

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $t^*$

%Umfang

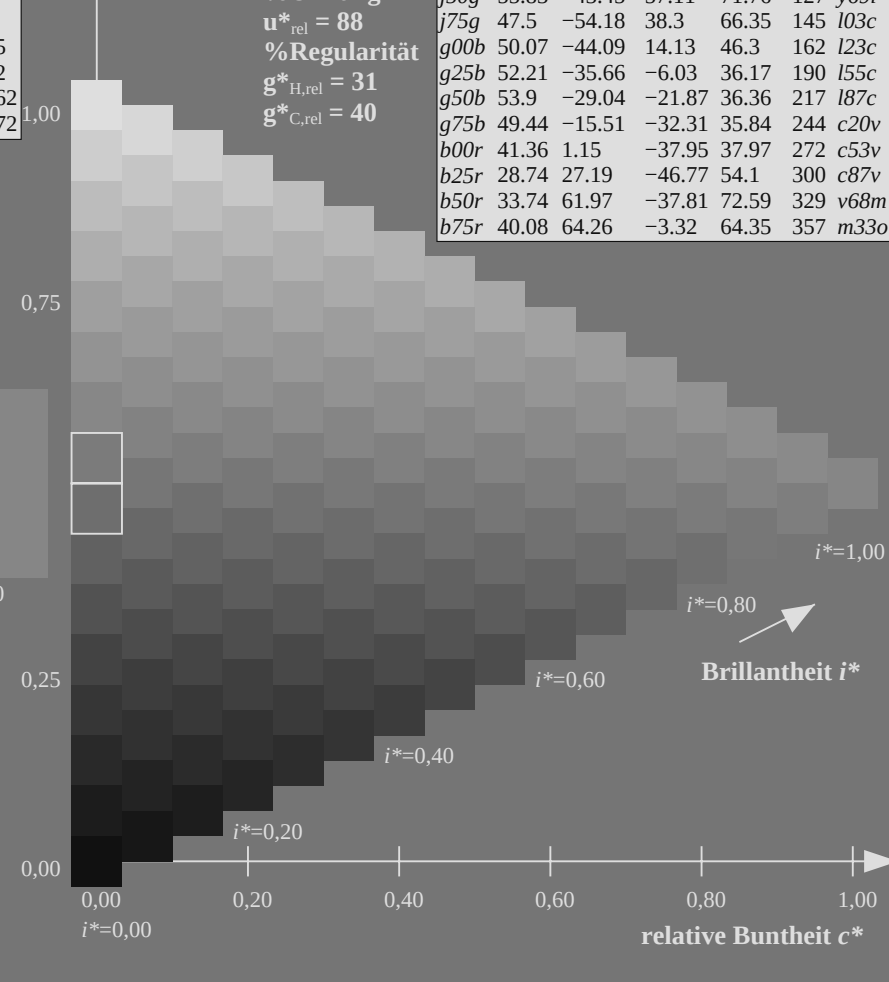
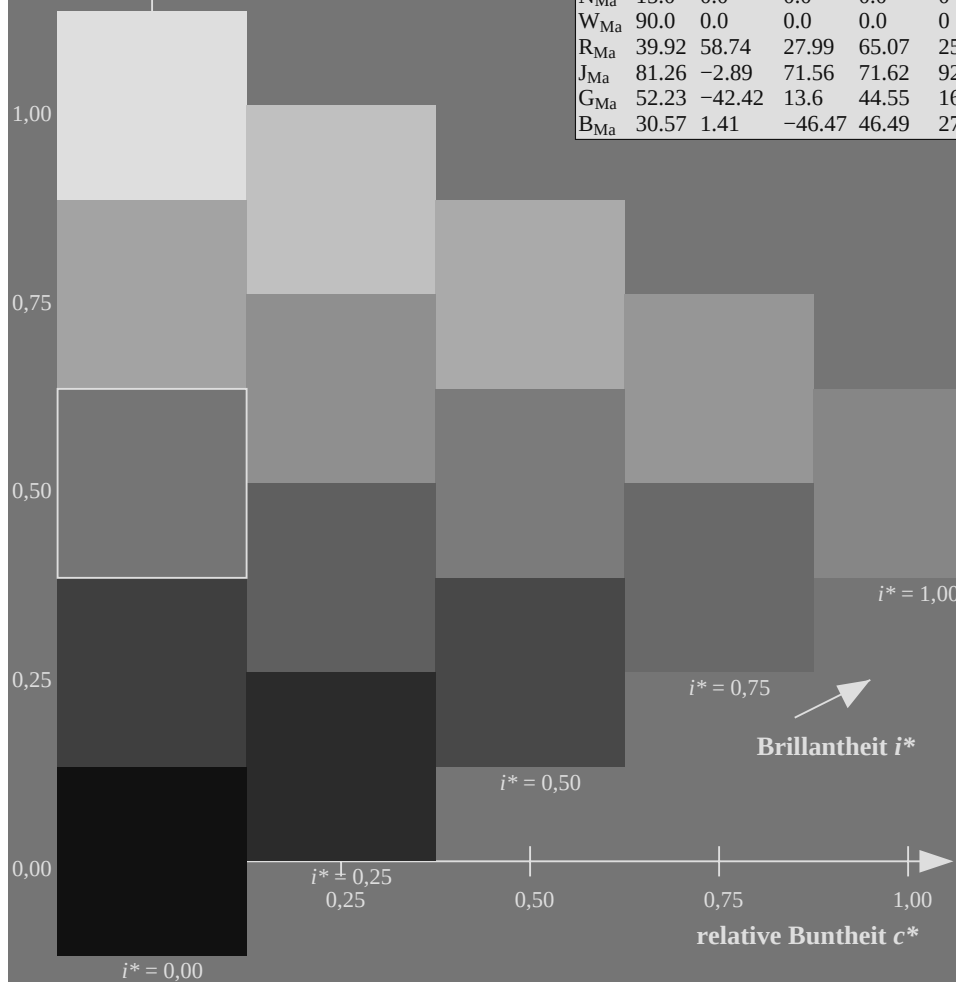
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |                      |
|------------------------------------|---------|-------------|---------|---------|--------------|----------------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ $u^*_d$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o                 |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y                 |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y                 |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y                 |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y                 |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l                 |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l                 |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c                 |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c                 |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c                 |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c                 |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v                 |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v                 |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v                 |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m                 |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o                 |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

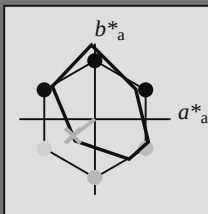
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

$lab^*rgb^*_{Ma}$ : 0.0 1.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

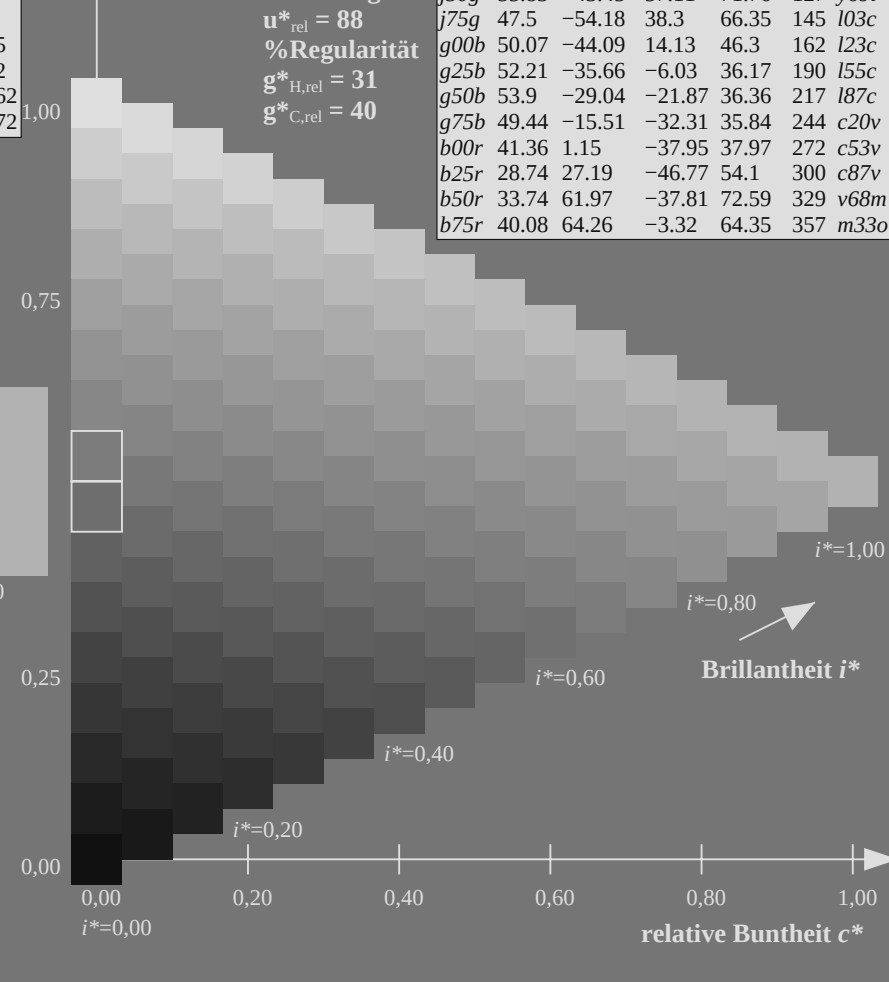
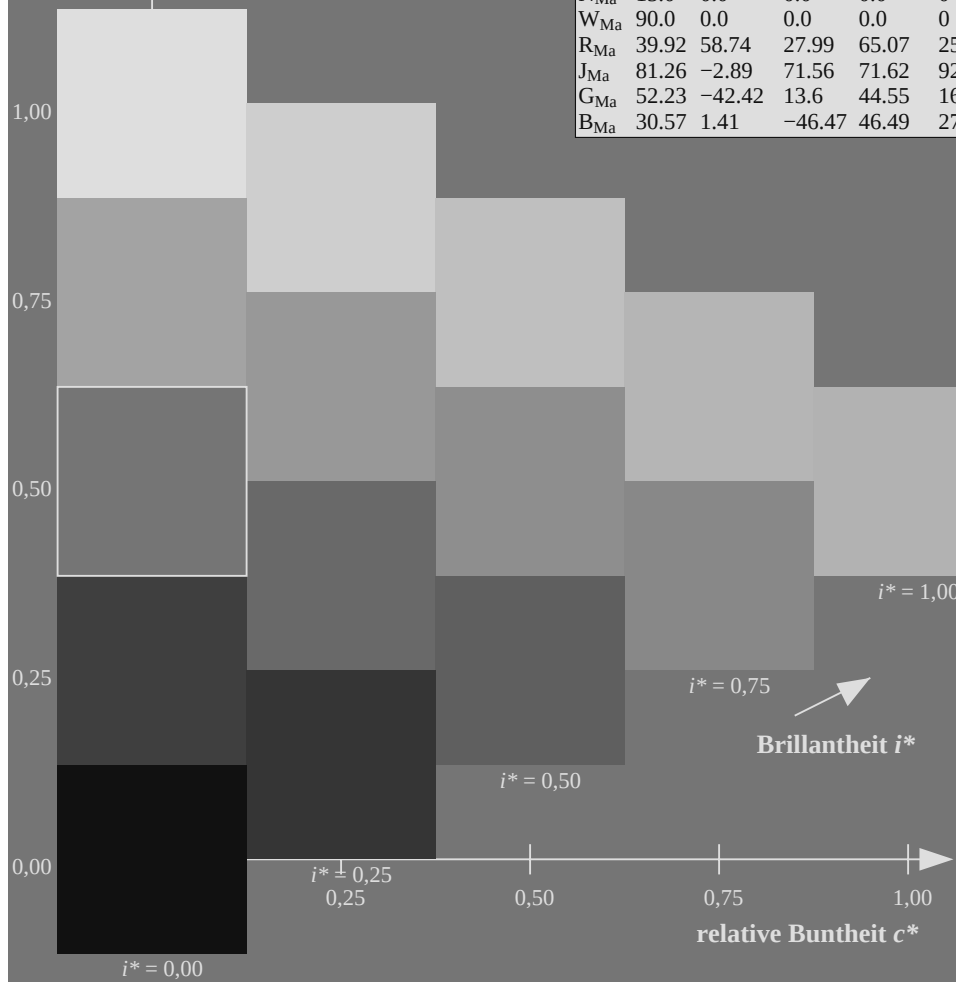
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

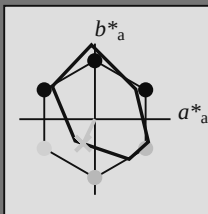
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 49 -16 -32

$LAB^*LCH^*_{Ma}$ : 49 36 244

$lab^*rgb^*_{Ma}$ : 0.0 0.5 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

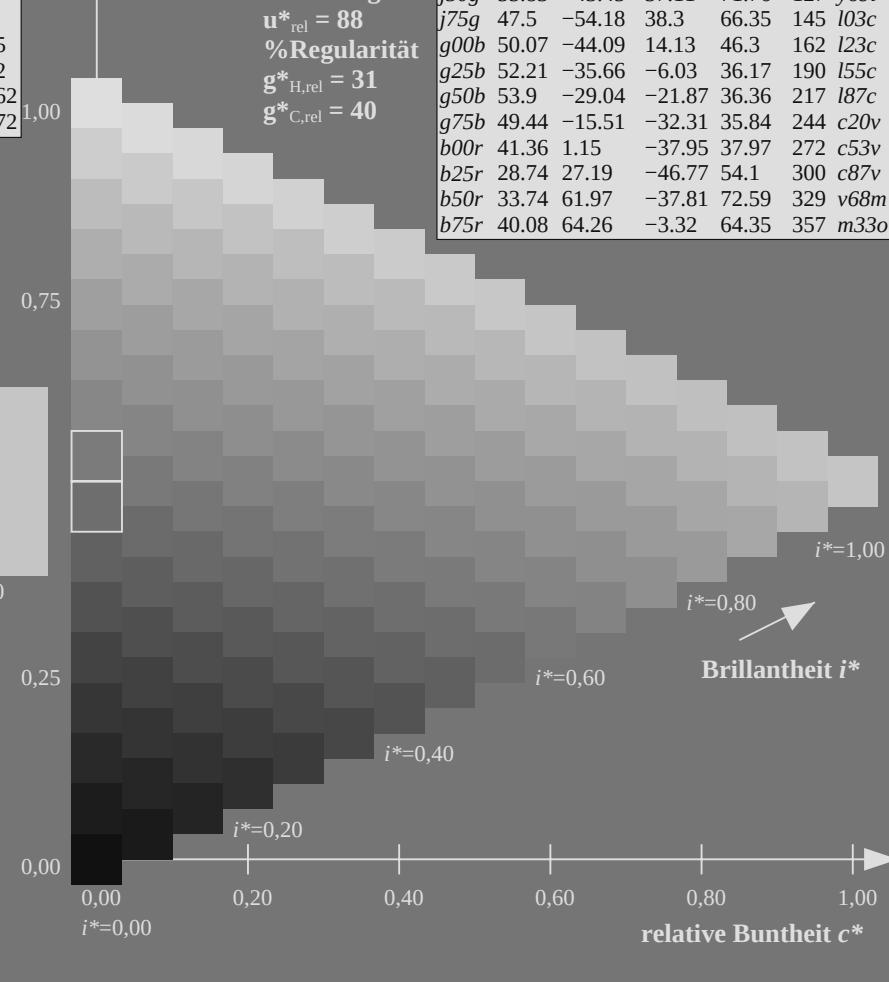
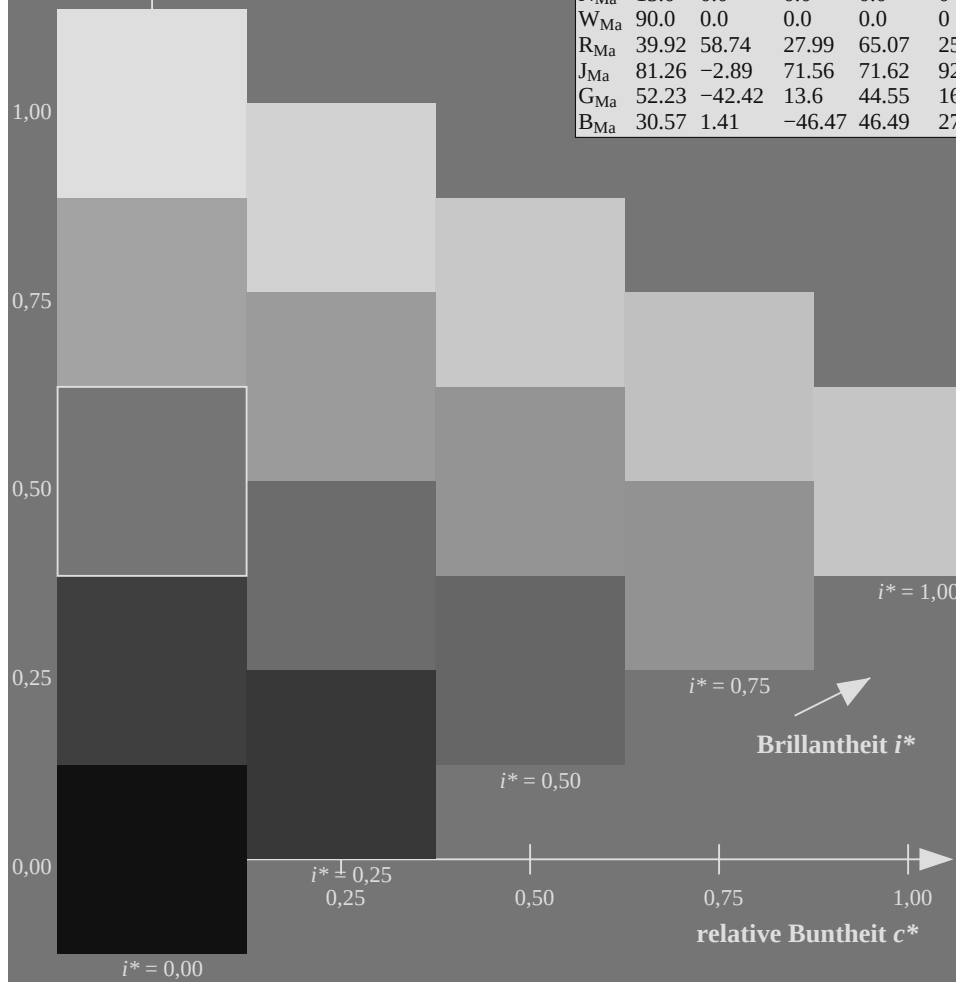
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

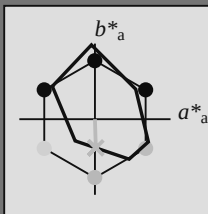
Bunttonexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 41 1 -38

$LAB^*LCH^*_{Ma}$ : 41 38 271

$lab^*rgb^*_{Ma}$ : 0.0 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

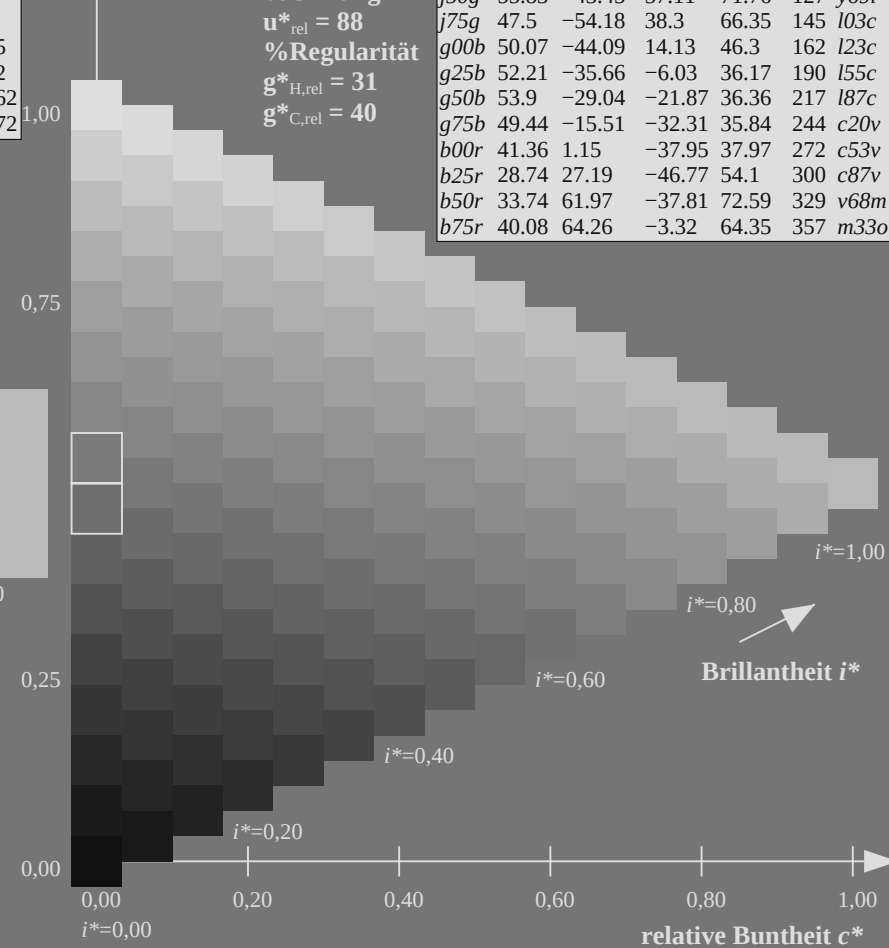
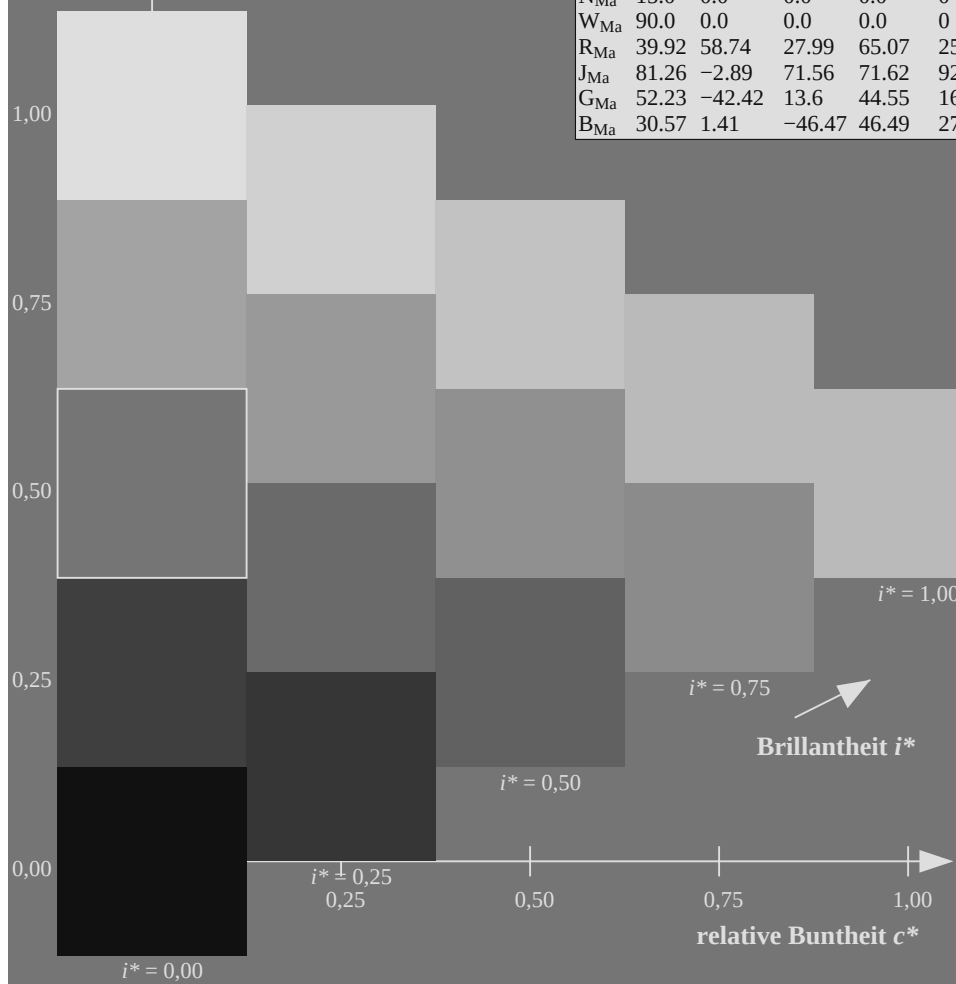
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |                      |
|------------------------------------|---------|-------------|---------|---------|--------------|----------------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ $u^*_d$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o                 |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y                 |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y                 |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y                 |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y                 |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l                 |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l                 |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c                 |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c                 |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c                 |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c                 |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v                 |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v                 |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v                 |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m                 |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o                 |





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

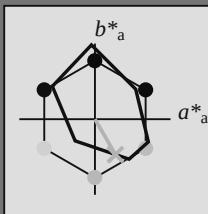
Bunttontexte:

$u_e^* = b25r$   $u_d^* = c87v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 29 27 -47

$LAB^*LCH^*_{Ma}$ : 29 54 300

$lab^*rgb^*_{Ma}$ : 0.5 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

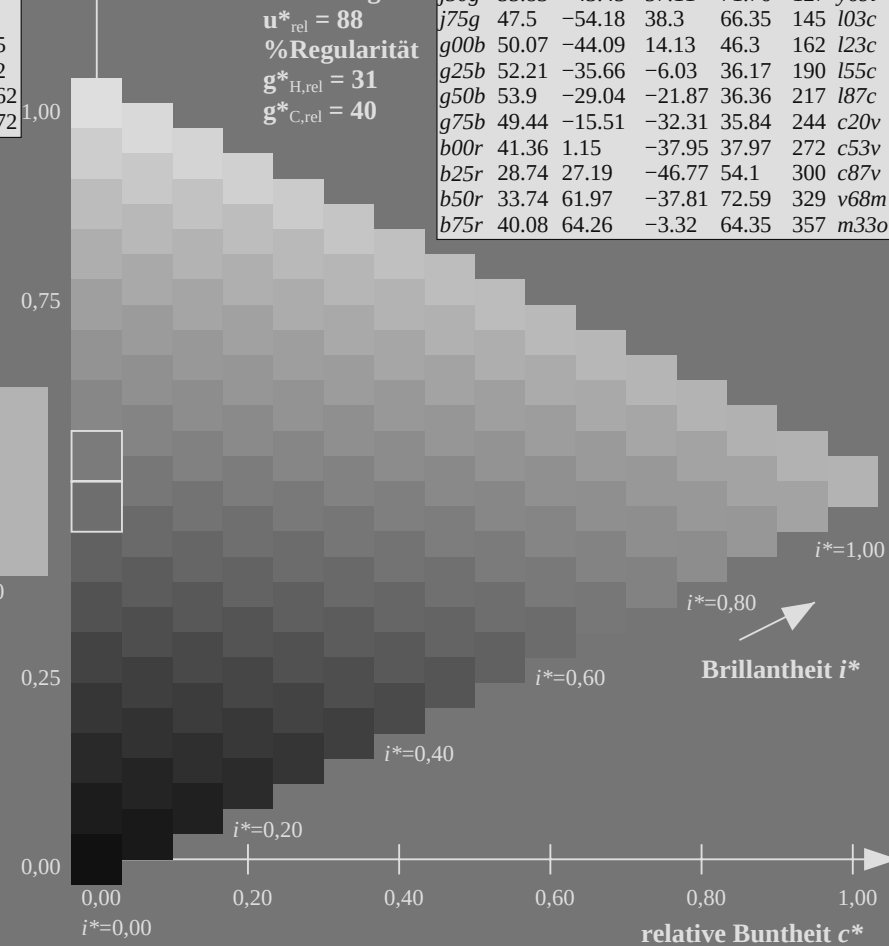
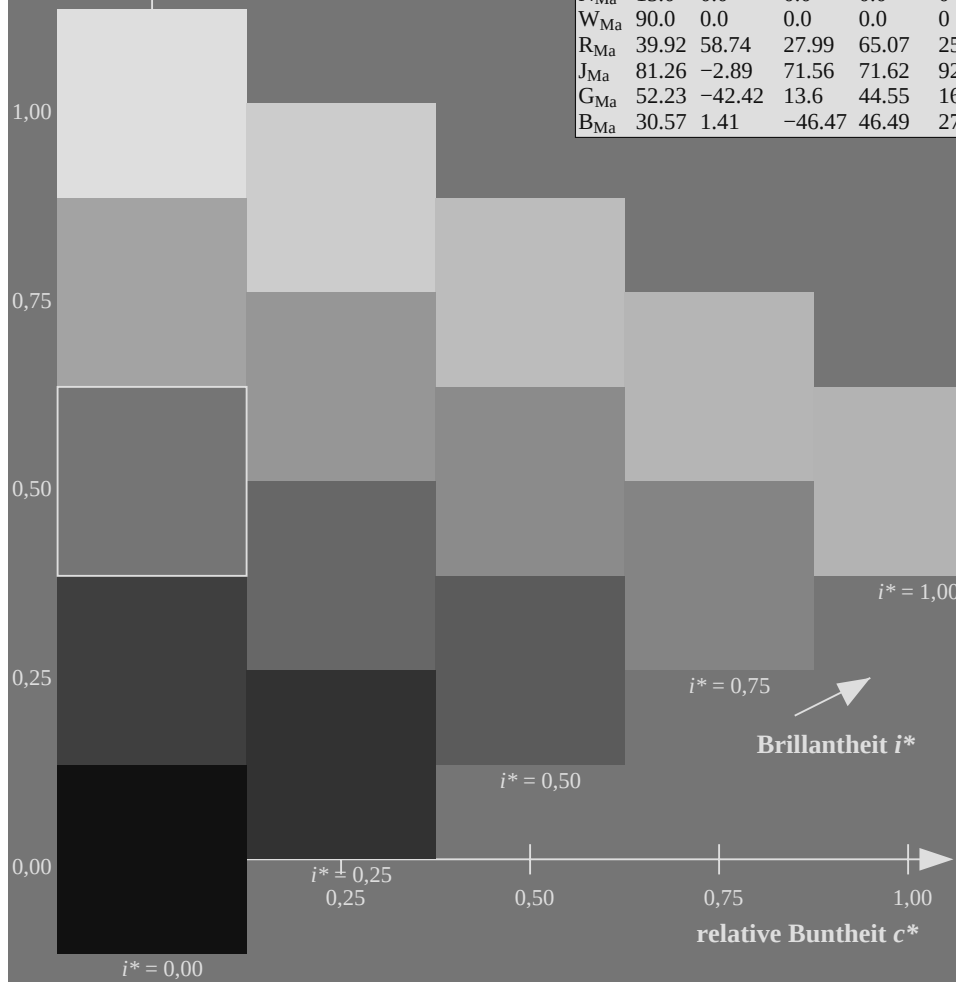
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpx=0)

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

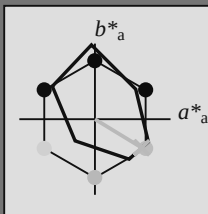
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 34 62 -38

$LAB^*LCH^*_{Ma}$ : 34 73 328

$lab^*rgb^*_{Ma}$ : 1.0 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

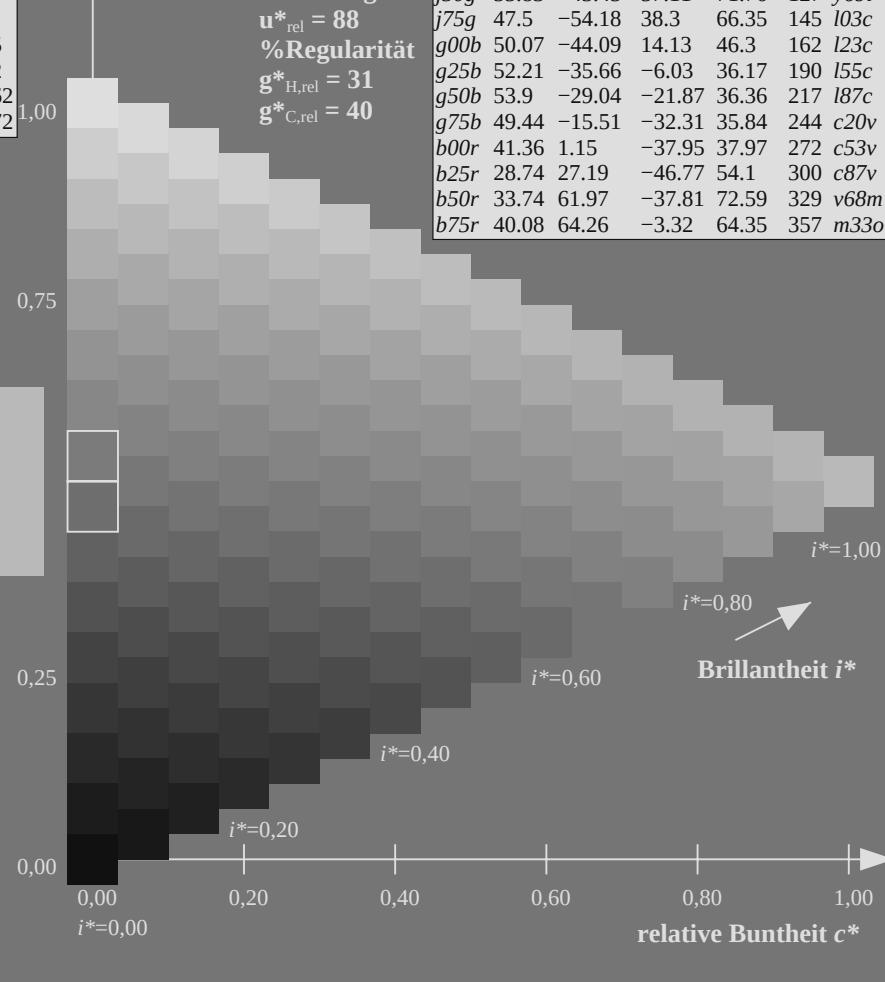
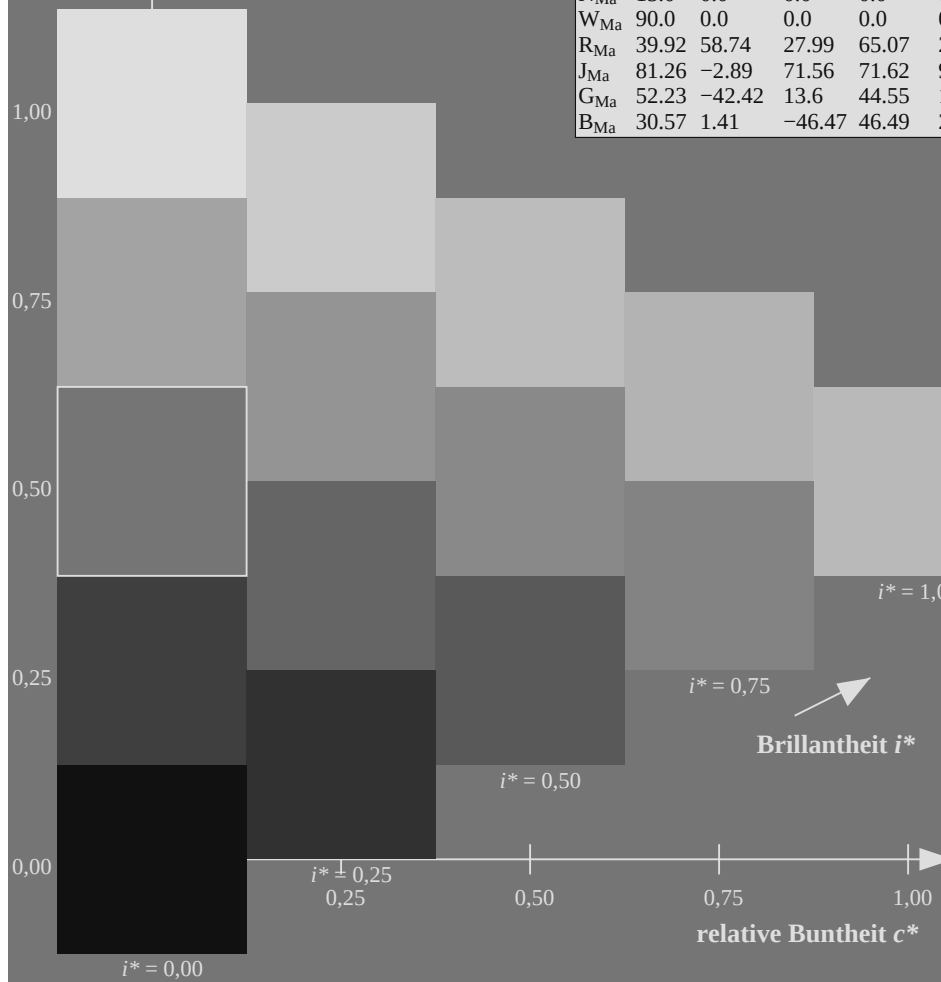
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |         |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|---------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

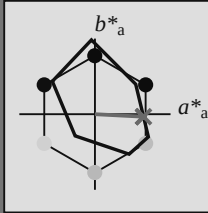
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 64 -3

$LAB^*LCH^*_{Ma}$ : 40 64 357

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.5

$lab^*olv^*_{Ma}$ : 1.0 0.0 0.66

Dreiecks-Helligkeit  $t^*$

%Umfang

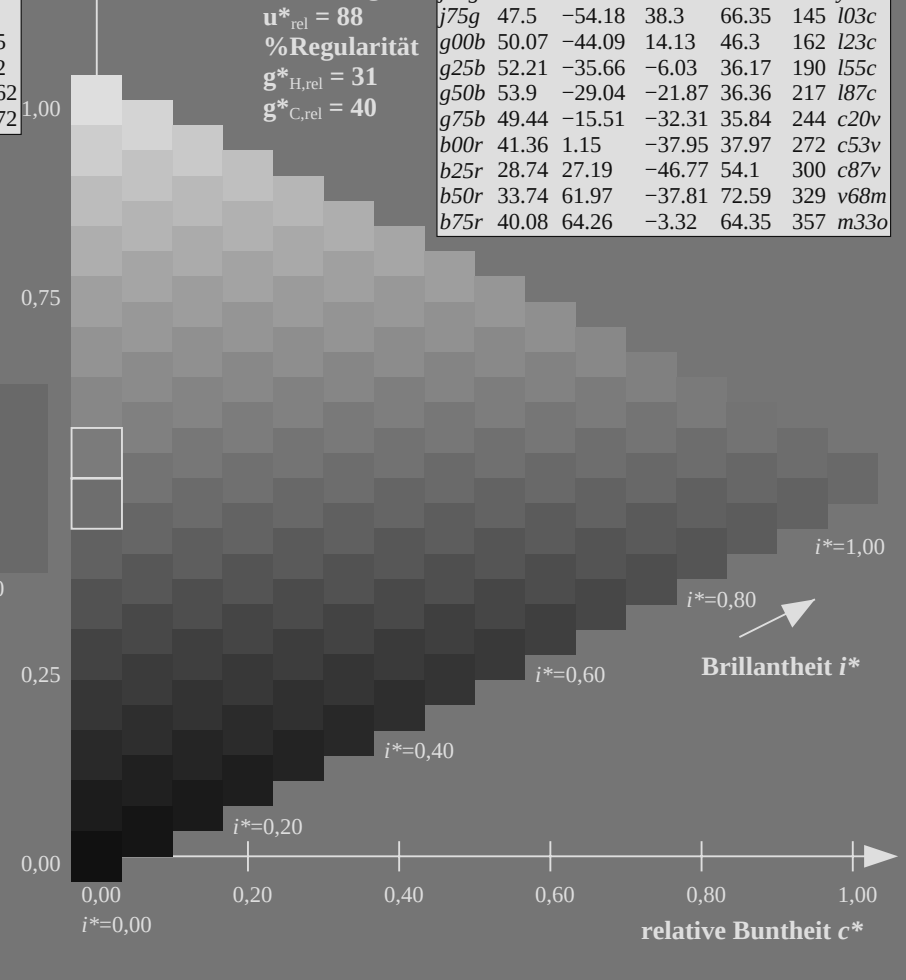
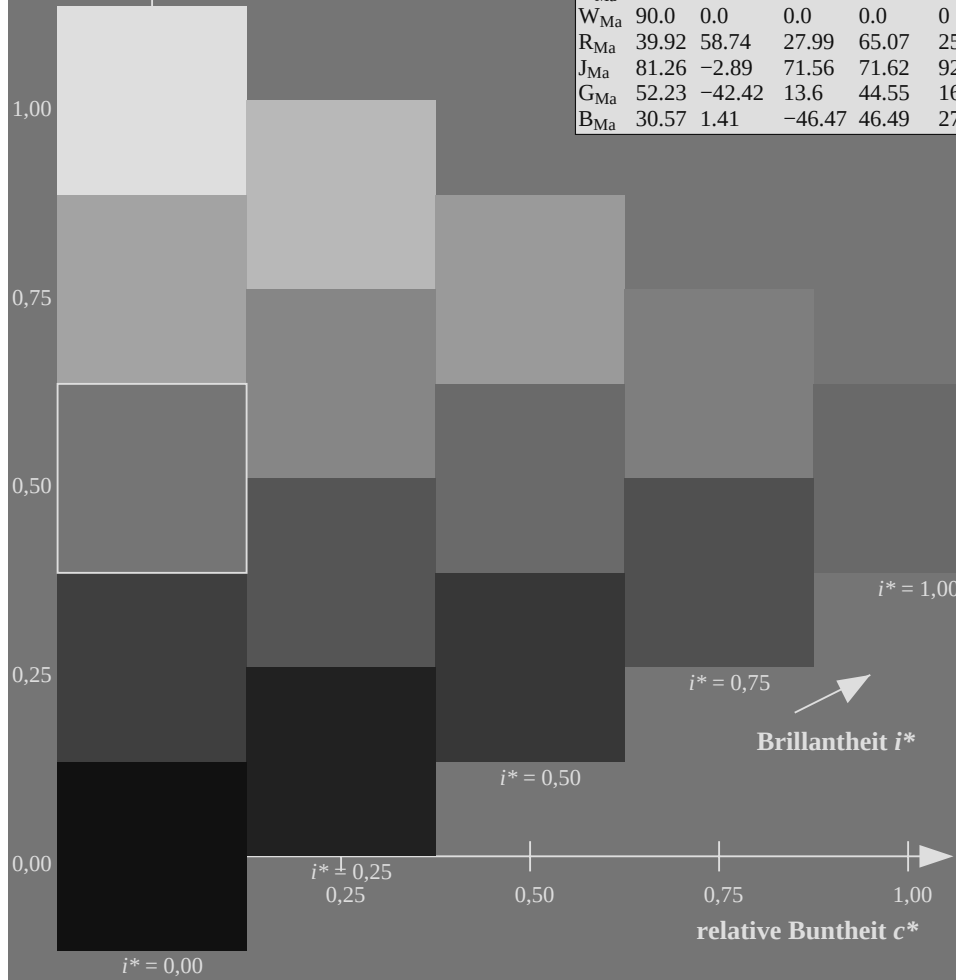
$u^*_{rel} = 88$

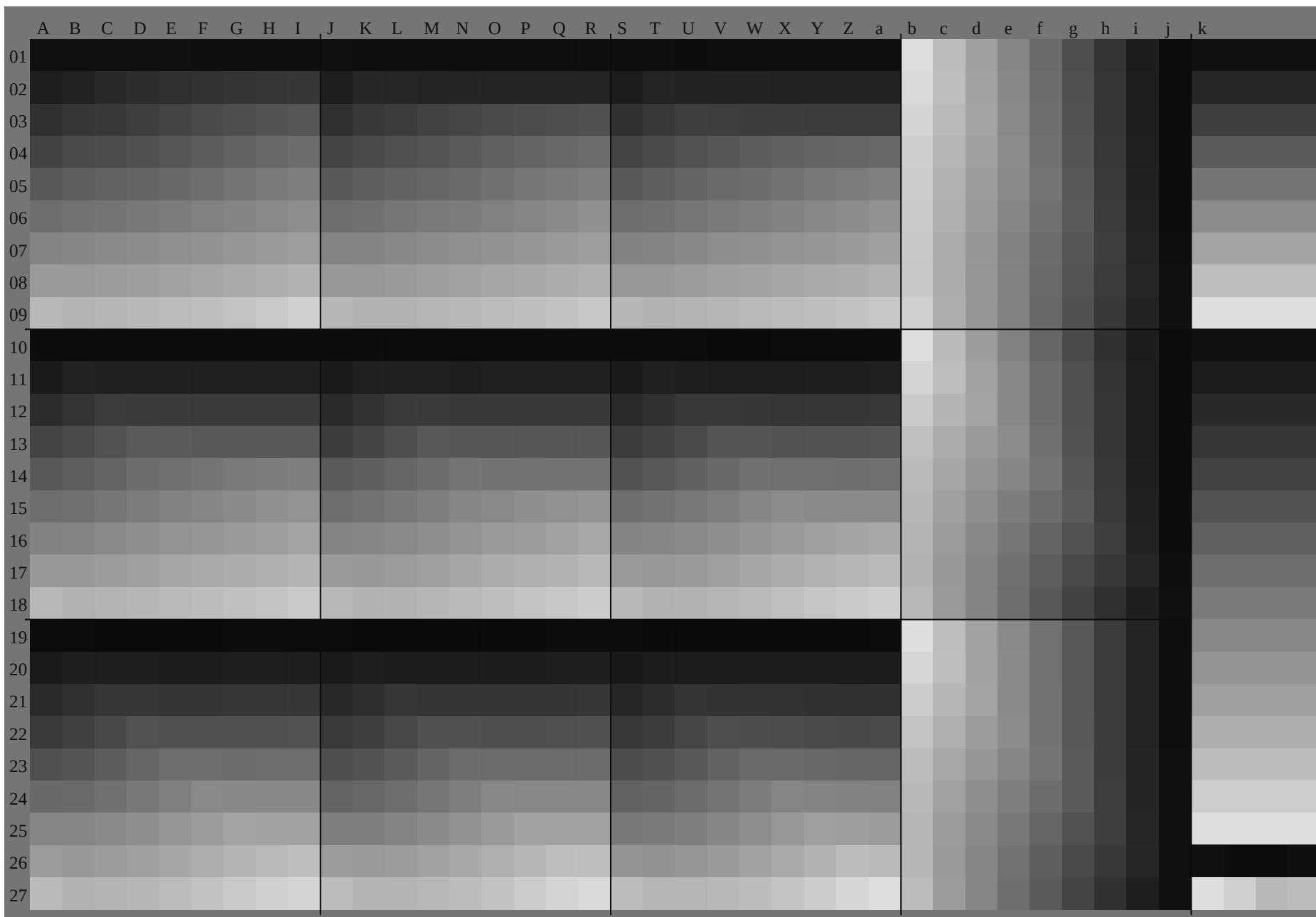
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |                      |
|------------------------------------|---------|-------------|---------|---------|--------------|----------------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ $u^*_d$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o                 |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y                 |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y                 |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y                 |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y                 |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l                 |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l                 |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c                 |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c                 |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c                 |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c                 |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v                 |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v                 |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v                 |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m                 |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o                 |













































Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS15\_90a  
Daten für jede Farbe:

$u^*_e$  und Nummer Nr. = 00 .. 15

Elementar-Bunttontext:

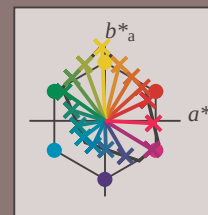
$u^*_e = 16$  Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| $r00j$  | 39.18       | 56.94   | 27.13   | 63.07        | 25           | $m81o$  |
| $r25j$  | 42.41       | 49.1    | 44.5    | 66.26        | 42           | $o10y$  |
| $r50j$  | 52.78       | 35.22   | 58.37   | 68.17        | 59           | $o40y$  |
| $r75j$  | 64.82       | 19.12   | 74.47   | 76.89        | 76           | $o69y$  |
| $j00g$  | 82.06       | -3.94   | 97.52   | 97.6         | 92           | $o98y$  |
| $j25g$  | 67.26       | -26.87  | 74.67   | 79.36        | 110          | $y34l$  |
| $j50g$  | 55.83       | -43.45  | 57.11   | 71.76        | 127          | $y69l$  |
| $j75g$  | 47.5        | -54.18  | 38.3    | 66.35        | 145          | $l03c$  |
| $g00b$  | 50.07       | -44.09  | 14.13   | 46.3         | 162          | $l23c$  |
| $g25b$  | 52.21       | -35.66  | -6.03   | 36.17        | 190          | $l55c$  |
| $g50b$  | 53.9        | -29.04  | -21.87  | 36.36        | 217          | $l87c$  |
| $g75b$  | 49.44       | -15.51  | -32.31  | 35.84        | 244          | $c20v$  |
| $b00r$  | 41.36       | 1.15    | -37.95  | 37.97        | 272          | $c53v$  |
| $b25r$  | 28.74       | 27.19   | -46.77  | 54.1         | 300          | $c87v$  |
| $b50r$  | 33.74       | 61.97   | -37.81  | 72.59        | 329          | $v68m$  |
| $b75r$  | 40.08       | 64.26   | -3.32   | 64.35        | 357          | $m33o$  |



%Umfang

$u^*_{rel} = 88$

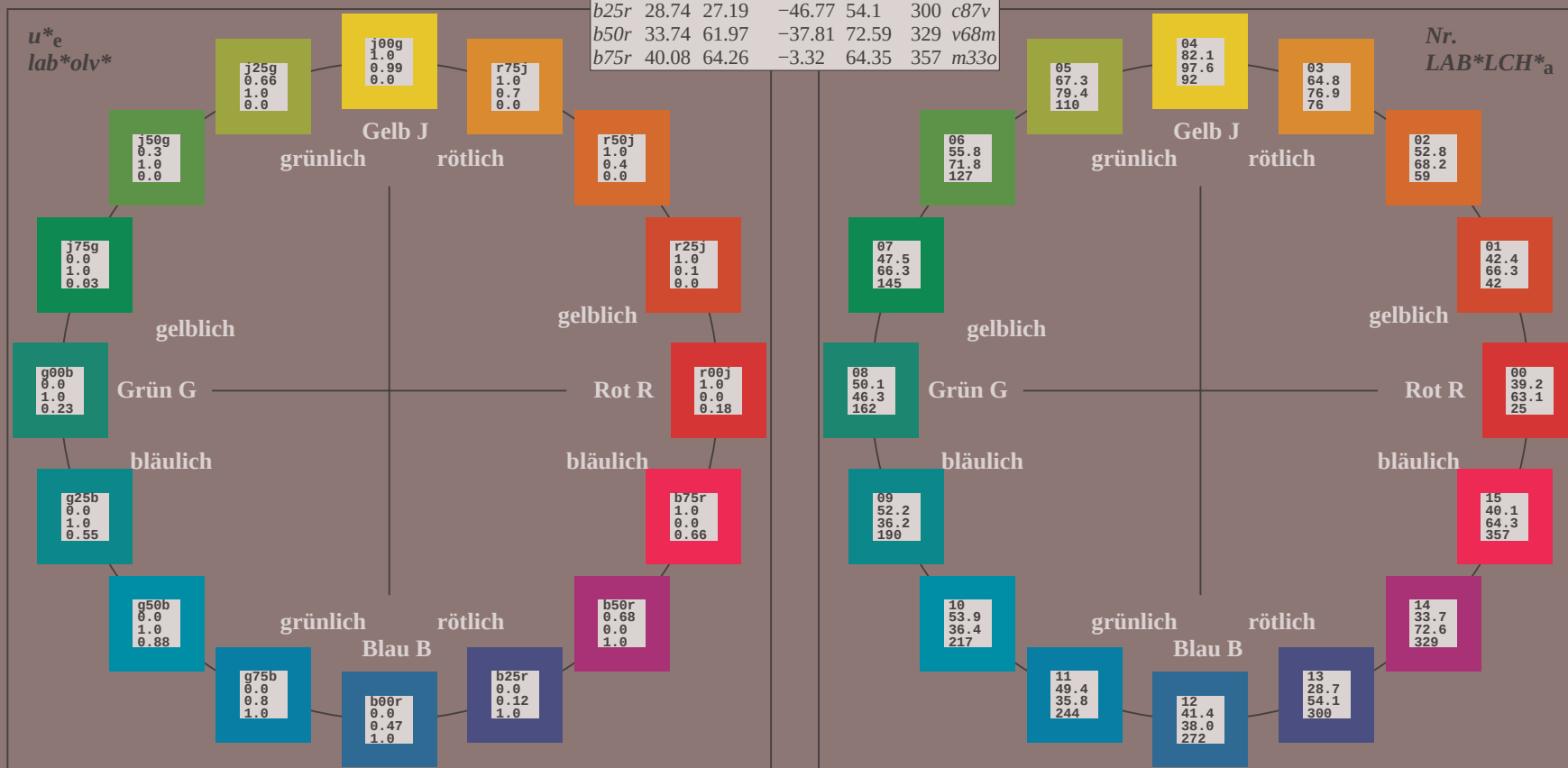
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| Name      | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_{Ma}$  | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| $Y_{Ma}$  | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| $L_{Ma}$  | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| $C_{Ma}$  | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| $V_{Ma}$  | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| $M_{Ma}$  | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| $N_{Ma}$  | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$  | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$ | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| $G_{CIE}$ | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| $B_{CIE}$ | 30.57       | 1.41    | -46.47  | 46.49        | 272          |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

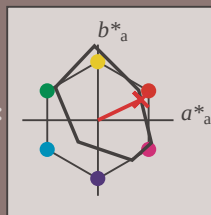
Bunttontexte:

$u_e^* = r00j$   $u_d^* = m81o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u_e^*$ | $L^*=L_a^*$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 57 27

$LAB^*LCH^*_{Ma}$ : 39 63 25

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.0 0.18

Dreiecks-Helligkeit  $t^*$

%Umfang

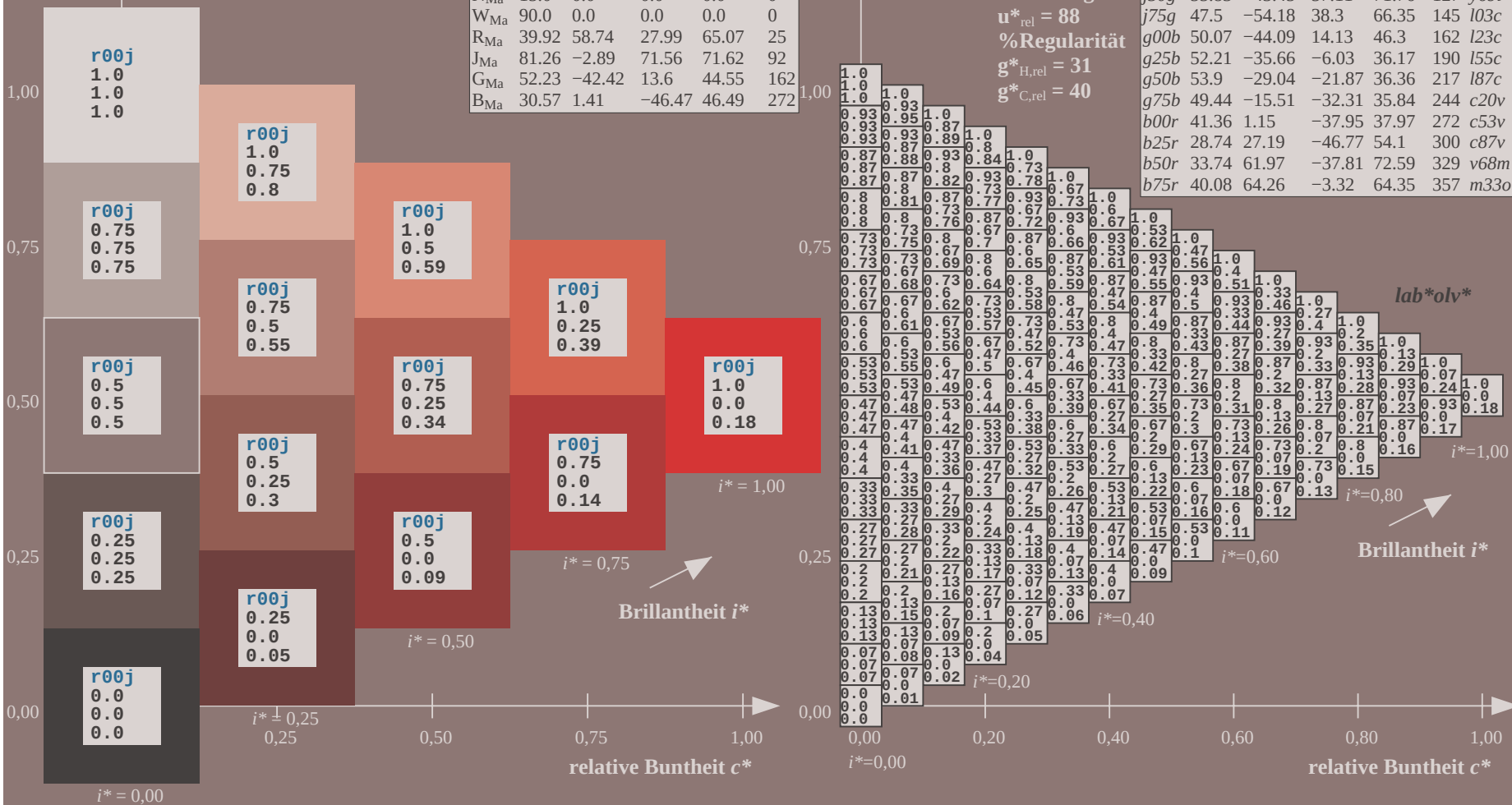
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u_e^*$ | $L^*=L_a^*$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |





Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

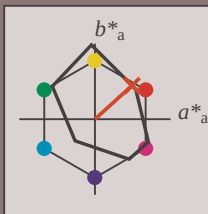
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|--|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |  |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |  |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |  |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |  |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |  |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |  |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |  |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |  |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |  |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |  |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |  |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 49 44

$LAB^*LCH^*_{Ma}$ : 42 66 42

$lab^*rgb^*_{Ma}$ : 1.0 0.25 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

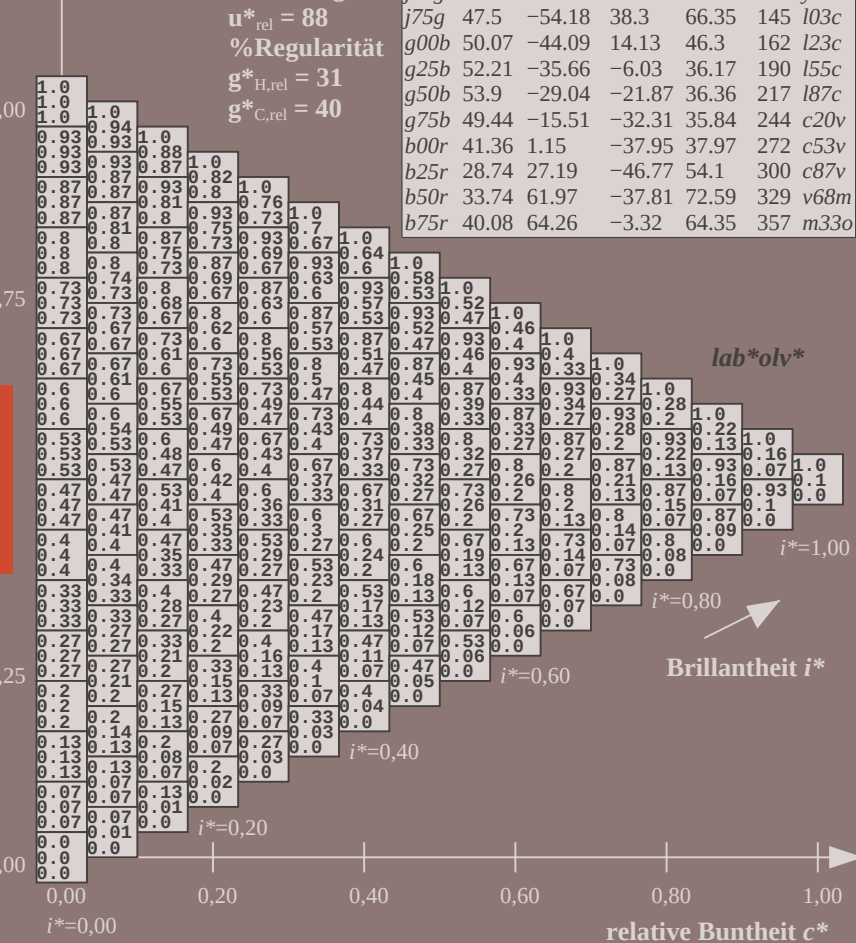
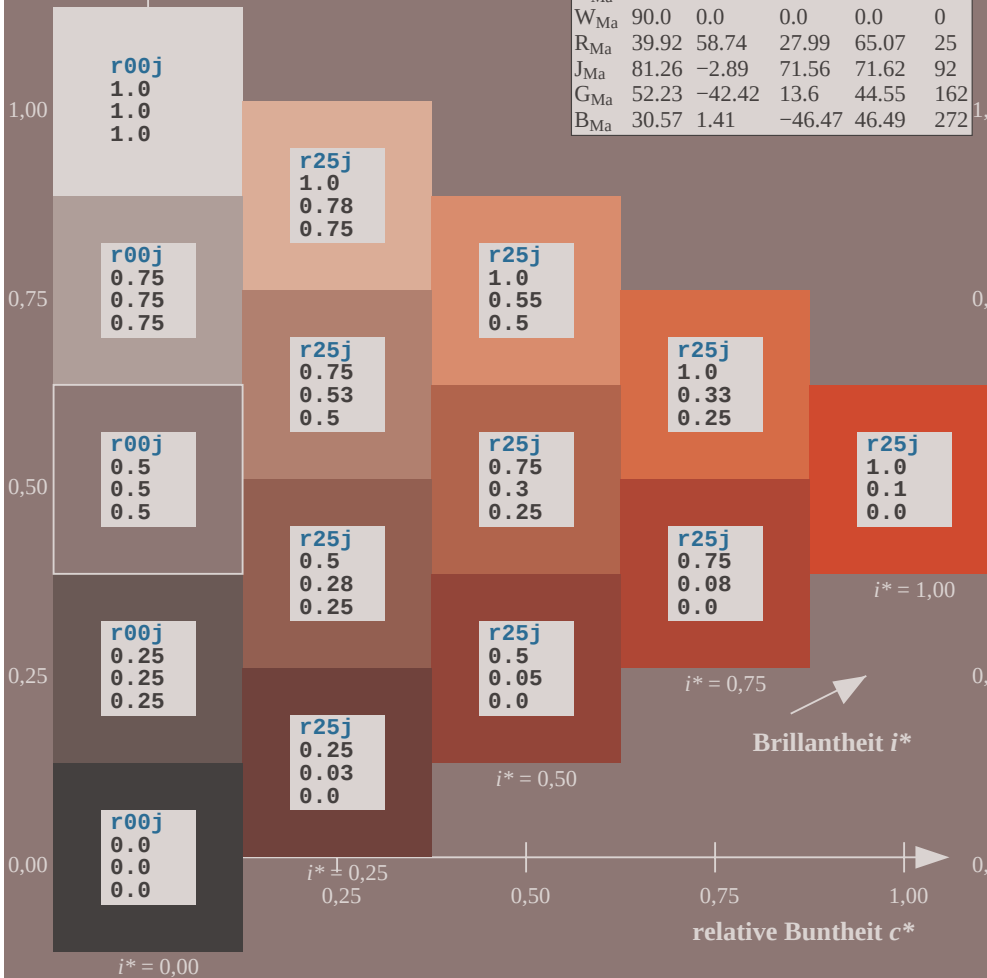
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; <http://www.ps.bam.de/Eg11G00FP.PS/>.PDF  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

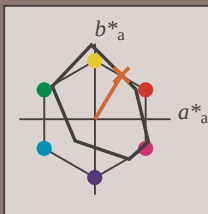
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

$lab^*rgb^*_{Ma}$ : 1.0 0.5 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

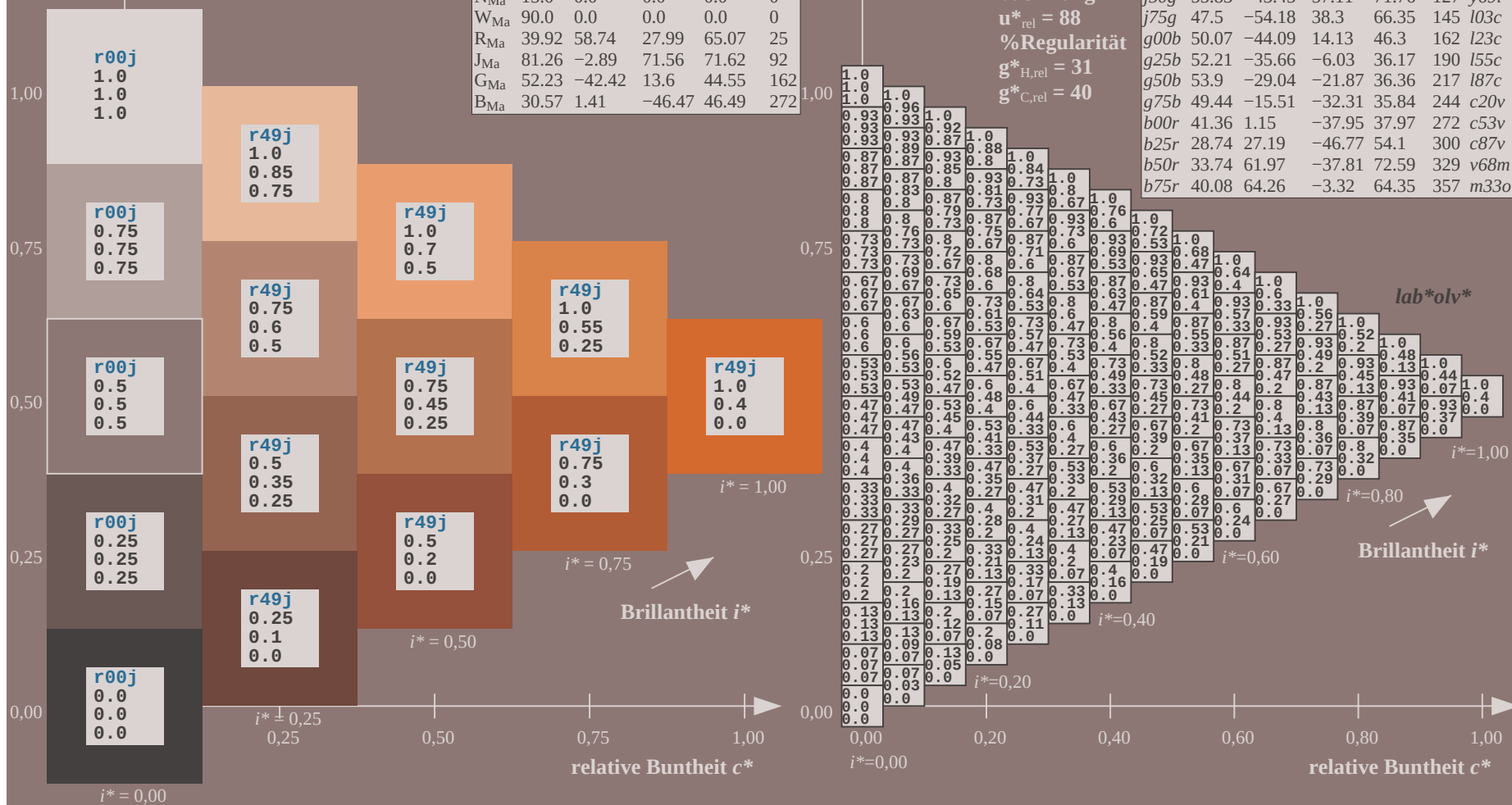
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

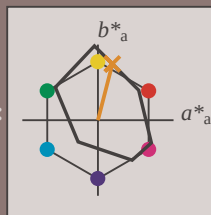
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 65 19 74

$LAB^*LCH^*_{Ma}$ : 65 77 75

$lab^*rgb^*_{Ma}$ : 1.0 0.75 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

$i^* = 0.00$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSp=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSp=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSp=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSp=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

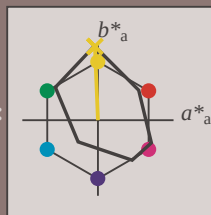
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |         |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |         |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |         |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |         |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |         |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |         |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |         |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |         |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |         |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |         |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 82 -4 98

$LAB^*LCH^*_{Ma}$ : 82 98 92

$lab^*rgb^*_{Ma}$ : 1.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.99 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

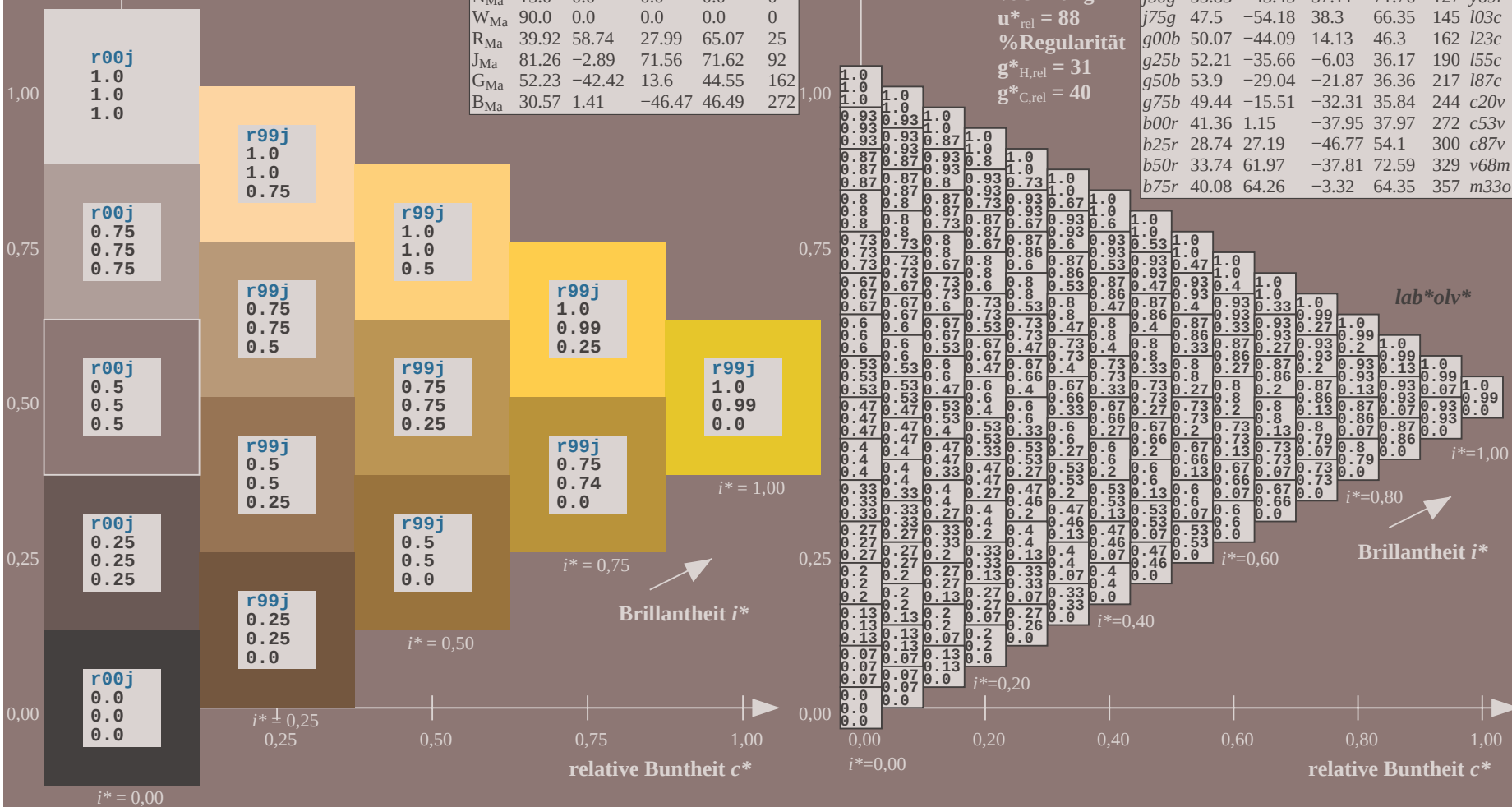
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |





### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

## Bunttexte:

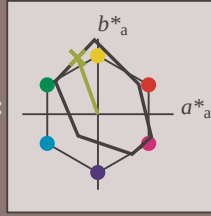
$$u^*_e = j25g \quad u^*_d = y34l$$

## Kontrastreduzierungsfaktor:

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$

100



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |    |
|------------------------------------|-------------|---------|---------|--------------|--------------|----|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |    |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           | 93 |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           | 36 |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          | 36 |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          | 36 |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          | 36 |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          | 36 |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            | 0  |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            | 0  |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           | 92 |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           | 92 |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          | 92 |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          | 92 |

### Daten für Maximalfarbe (Ma):

$LAB*LAB*M_2: 67 \quad -27 \quad 75$

LAB\*LCH\*: 67 79 109

LAB · LCH · Ma · 07 · 79 · 109

**lab\*rgb\*Ma: 0.75 1.0 0.0**

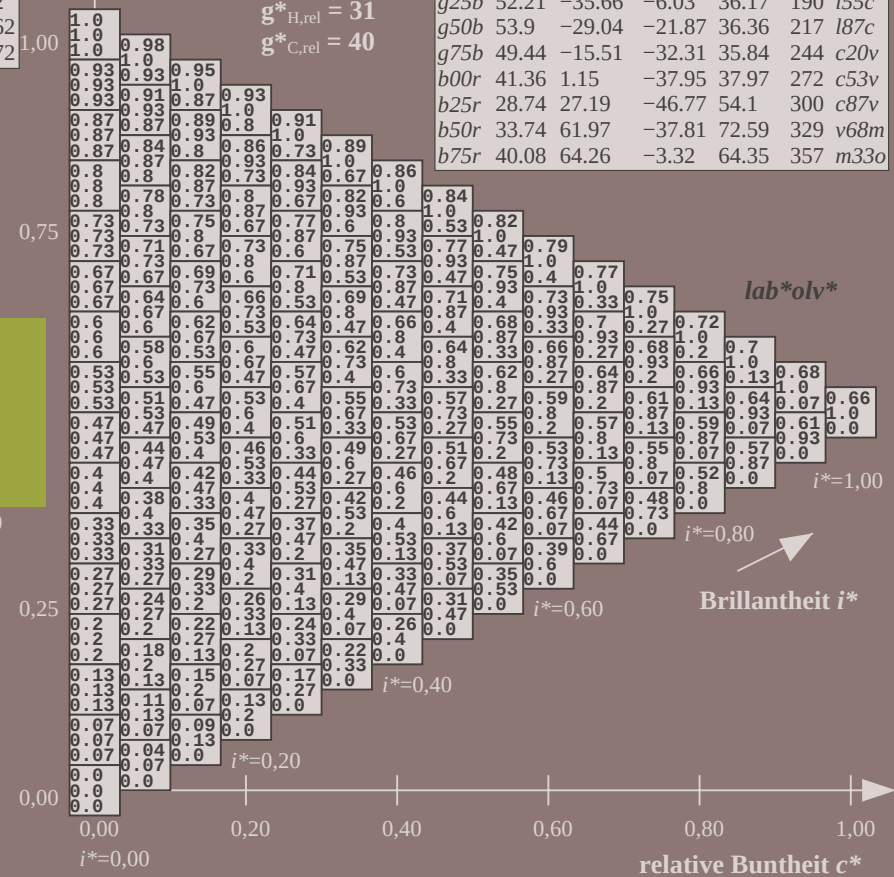
**lab\*olv\*\_Ma: 0.66 1.0 0.0**

### Dreiecks-Helligkeit $t^*$

## %Umfang

$$\mathbf{u}_{\text{rel}}^* = 88$$

**%Regular:**

$$g_{H,rel}^* = 31$$
$$g^*_{C,rel} = 40$$


Brillantheit i\*

[illegible]

### Relative Buntheit $c^*$

BAM-Prüfvorlage Eg11; Farbmimetrik-Systeme, Seite 115/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne *r00j* bis *b75r*    Ausgabe: ->LAB\*->cmy0\* setcmyk

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
- Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

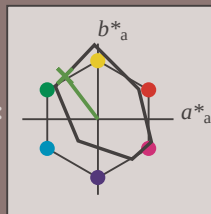
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 56 -43 57

$LAB^*LCH^*_{Ma}$ : 56 72 127

$lab^*rgb^*_{Ma}$ : 0.5 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

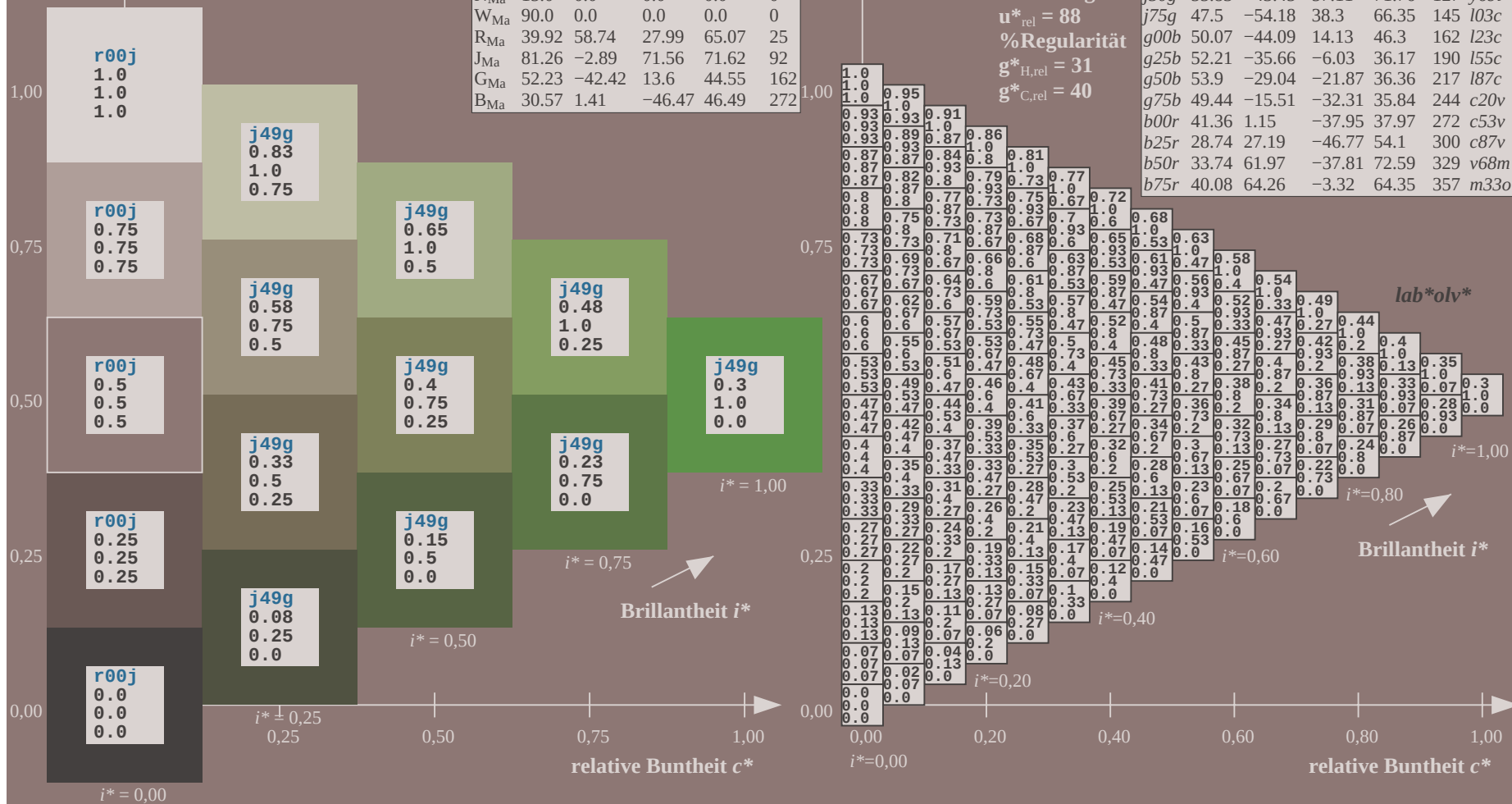
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

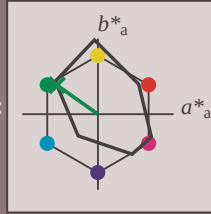
## Bunttexte:

$$u^*_e = j75g \quad u^*_d = l03c$$

### Kontrastreduzierungsfaktor:

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

### Daten für Maximalfarbe (Ma):

**LAB\*LAB\*M<sub>2</sub>: 48 -54 38**

LAP\*LCH\* - : 49 66 144

LAB LCH Ma: 40 66 14

*lab\*rgb\*\_Ma: 0.25 1.0 0.0*

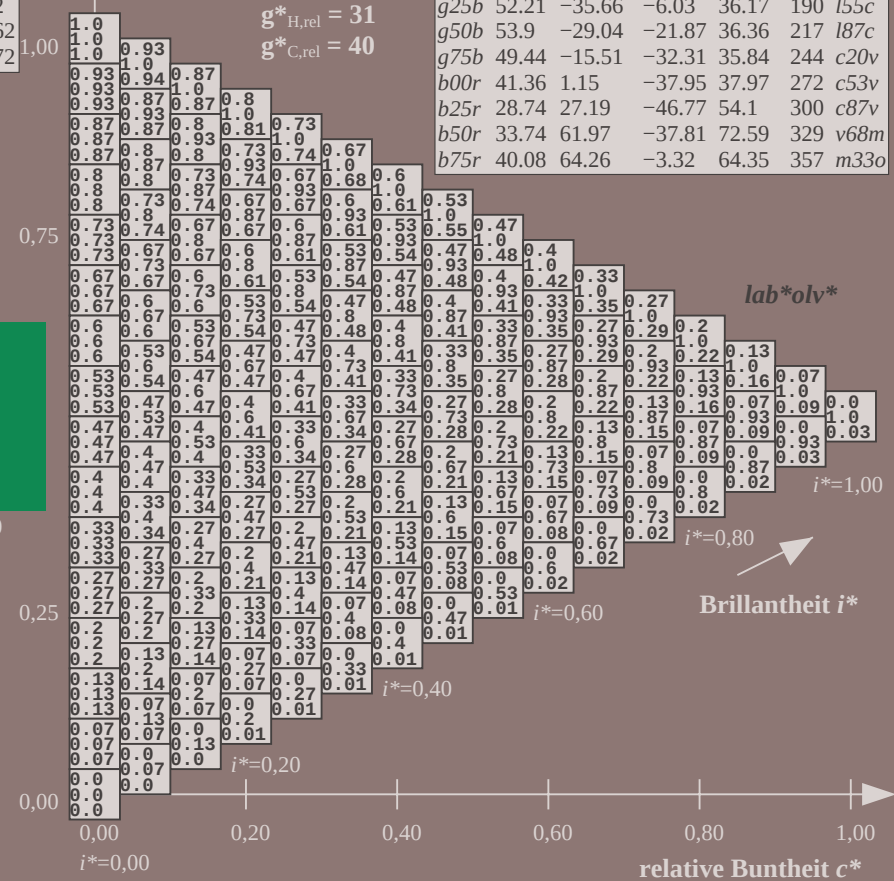
*lab\*olv\**Ma: 0.0 1.0 0.03

### Dreiecks-Helligkeit $t^*$

**%Umfang**

$$u_{rel}^* = 88$$

### %Regularität

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$


## Brillantheit i\*

[illegible]

### Relative Buntheit $c^*$

BAM-Prüfvorlage Eg11; Farbmatrik-Systeme, Seite 117/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmY0\* setcmyk

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSp=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSp=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSp=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSp=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

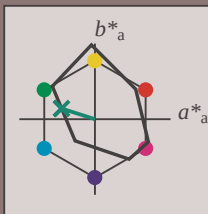
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -44 14

$LAB^*LCH^*_{Ma}$ : 50 46 162

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

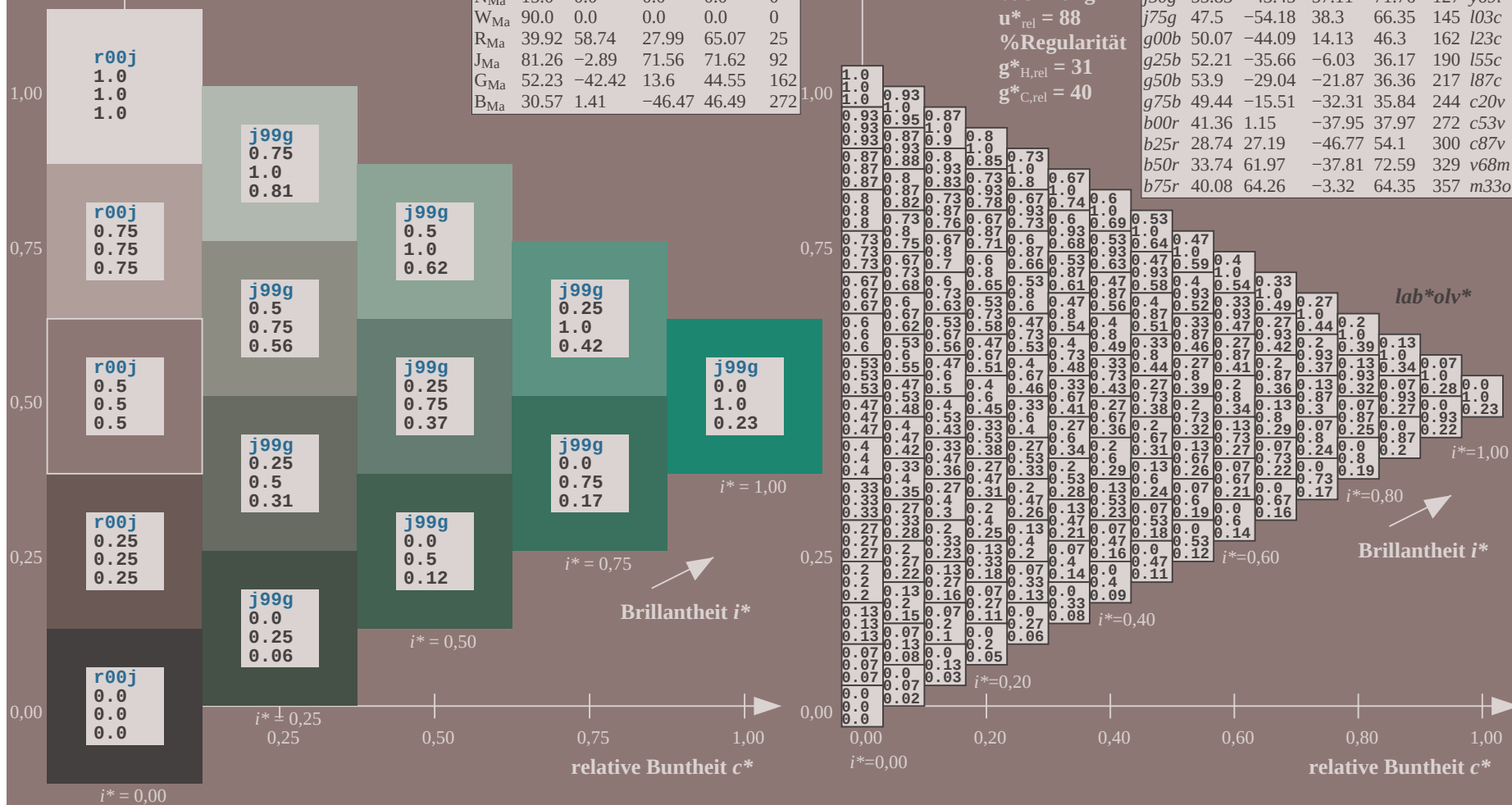
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSp=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSp=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSp=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSp=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

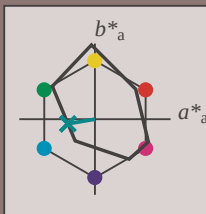
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.5

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$lab^*olv^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

$i^* = 0.00$

### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

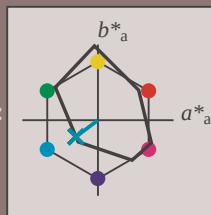
### Bunttexte:

$$u^*_e = 950b \quad u^*_d = 187c$$

**Kontrastreduzierungsfaktor:**

 $c_D = 0.9$ 

### Dreiecks-Helligkeit $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

### Daten für Maximalfarbe (Ma):

*LAB\*LAB\**<sub>Ma</sub>: 54 -29 -22

*LAB\*LCH\**Ma: 54 36 216

*lab\*rah\**<sub>Ma</sub>: 0.0 1.0 1.0

*lab\*rgb\*\_Ma: 0.0 1.0 1.0*

*lab\*olv\**Ma: 0.0 1.0 0.88

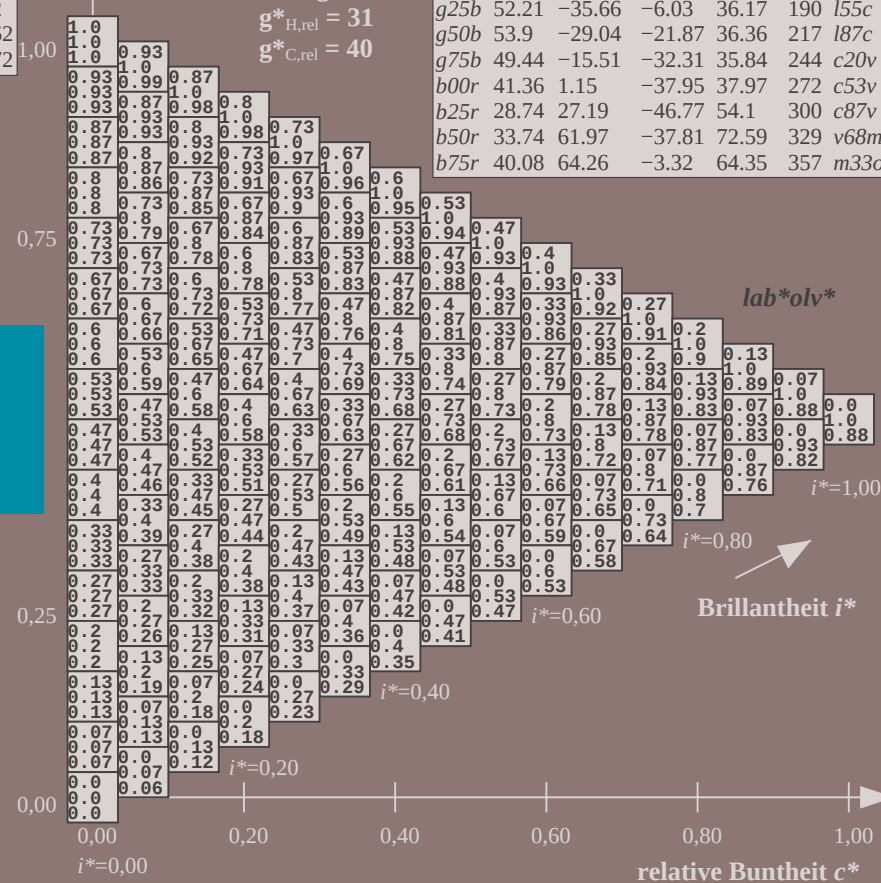
### Dreiecks-Helligkeit $t^*$

▲ 100% Importation

## %Umfang

$$u_{rel}^* = 88$$

### %Regularität

$$g_{\text{H,rel}}^* = 31$$
$$g^*_{C,rel} = 40$$


**Brillantheit i\***

### Relative Buntheit c\*

BAM-Prüfvorlage Eg11; Farbmatrik-Systeme, Seite 120/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmY0\* setcmyk

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

-Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg.HTM](http://www.ps.bam.de/Eg.HTM)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpx=0

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rh4ta4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSp=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSp=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSp=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSp=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

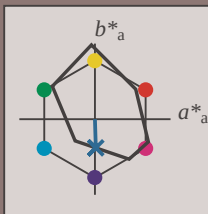
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 41 1 -38

$LAB^*LCH^*_{Ma}$ : 41 38 271

$lab^*rgb^*_{Ma}$ : 0.0 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

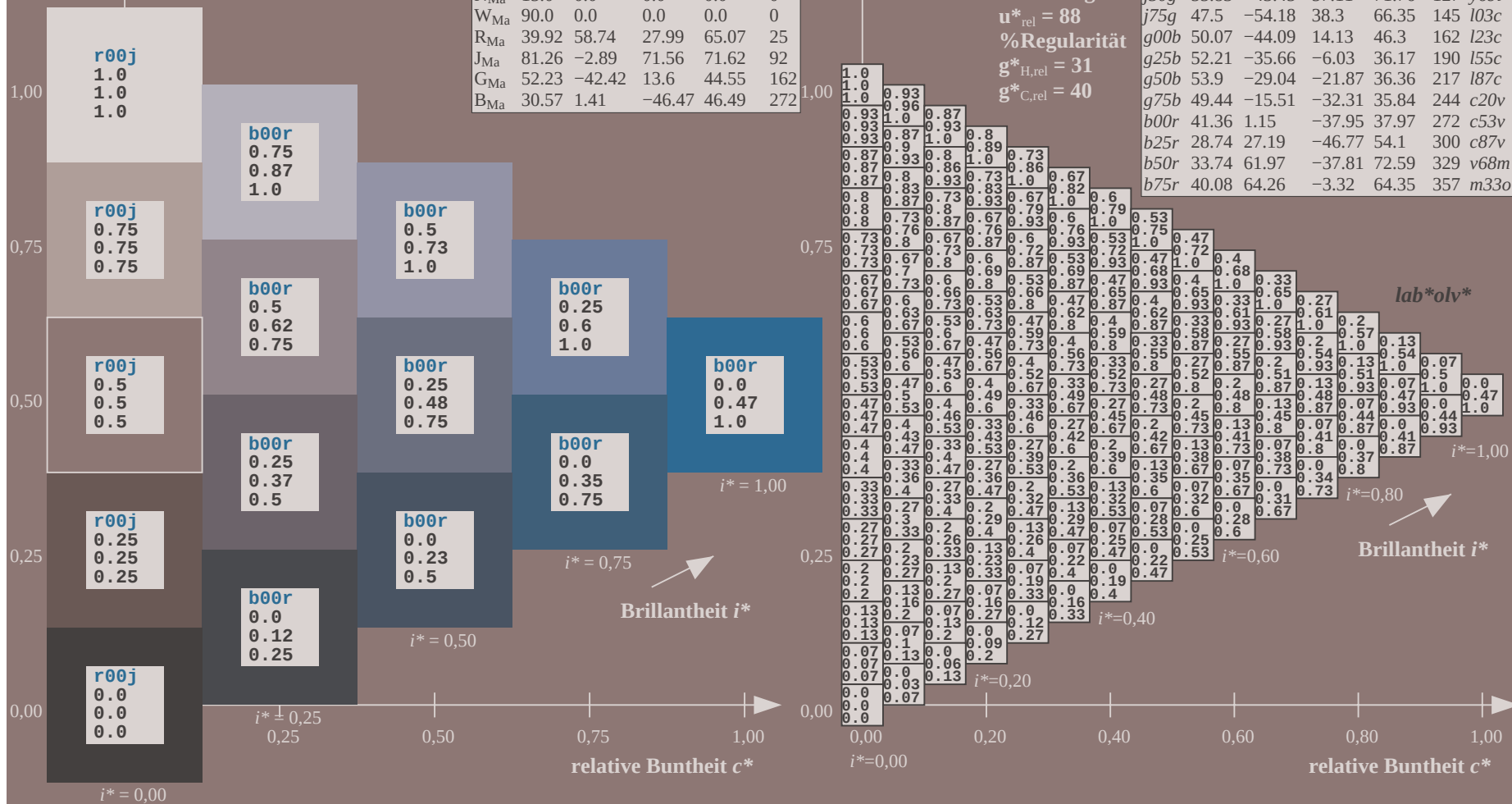
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | i03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | i23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | i55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | i87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11/](http://www.ps.bam.de/Eg11/)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

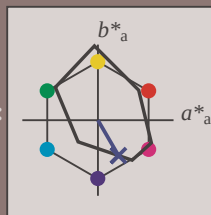
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 29 27 -47

$LAB^*LCH^*_{Ma}$ : 29 54 300

$lab^*rgb^*_{Ma}$ : 0.5 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

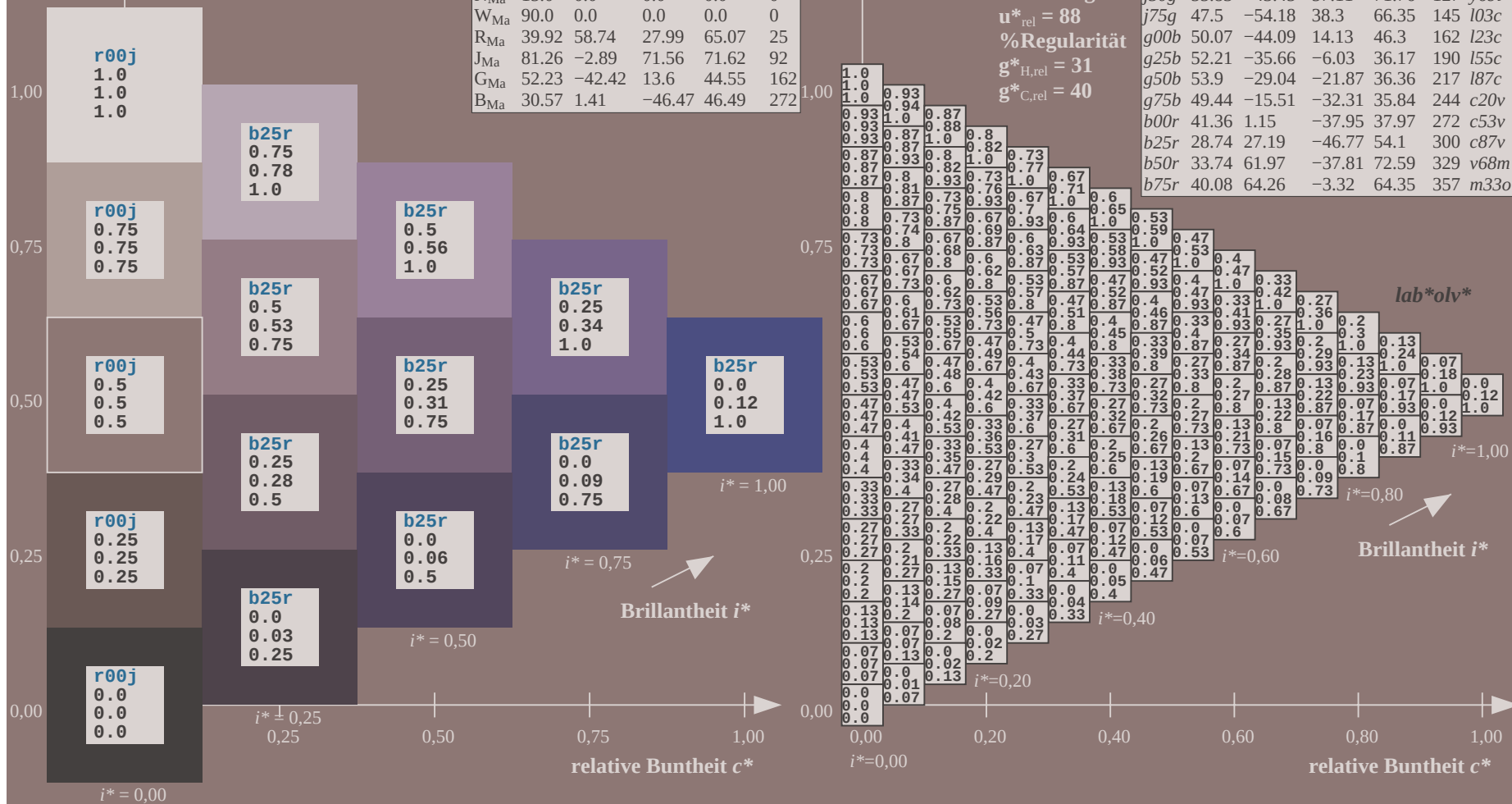
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          |

$u^*_e = b25r$   
 $lab^*olv^*$



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

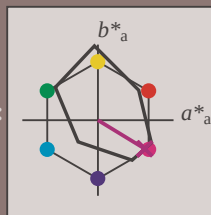
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 34 62 -38

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 34 73 328

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 1.0 0.0 1.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$\text{lab}^*\text{olv}^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

### Bunttexte:

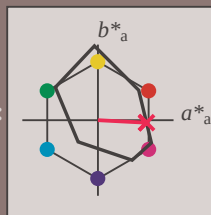
$$u_e^* = b75r \quad u_d^* = m33o$$

**Kontrastreduzierungsfaktor:**

 $c_p = 0.9$ 

### Dreiecks-Helligkeit $t^*$

► **Directs** attention



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       |         | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       |         | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub>                    | 46.95   | -56.34      |         | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub>                    | 54.62   | -26.2       |         | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub>                    | 20.01   | 45.2        |         | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub>                    | 40.88   | 70.68       |         | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub>                    | 15.0    | 0.0         |         | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                    | 90.0    | 0.0         |         | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub>                    | 39.92   | 58.74       |         | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub>                    | 81.26   | -2.89       |         | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub>                    | 52.23   | -42.42      |         | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub>                    | 30.57   | 1.41        |         | -46.47  | 46.49        | 272          |

### Daten für Maximalfarbe (Ma):

LAB\*LAB\* $M_{n,0}$ : 40 64 -3

|          |        |    |     |
|----------|--------|----|-----|
| LAB LAB  | Ma: 40 | 64 | 5   |
| LAB*LGH* | 40     | 64 | 255 |

**LAB\*LCH\*Ma: 40 64 3**

*lab\*rgb*<sub>Ma</sub>: 1.0 0.0 0.5

*lab\*olv\**Ma: 1.0 0.0 0.66

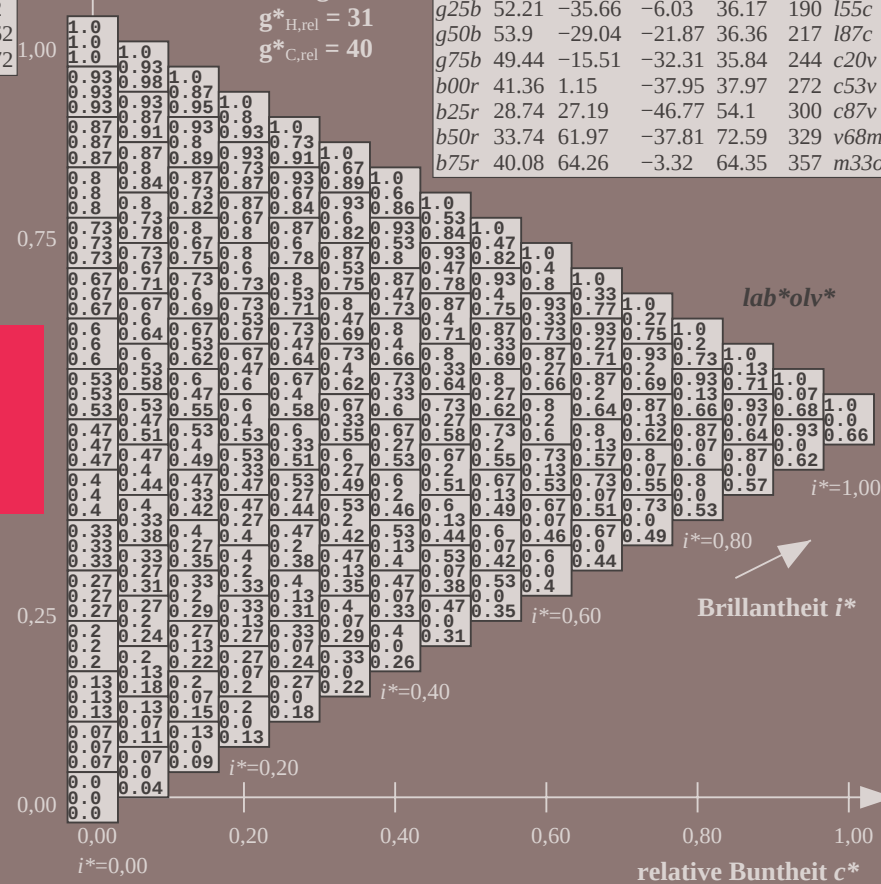
Dreiecks-Helligkeit  $t^*$ 

► **Drakens Height:**

## %Umfang

$$u_{rel}^* = 88$$

**%Regular**

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$
Brillantheit  $j^*$ 

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

### Relative Buntheit $c^*$

BAM-Prüfvorlage Eg11; Farbmatrik-Systeme, Seite 125/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmY0\* setcmyk

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

BAM-Prüfvorlage Eg11; Farbmimetrik-Systeme, Seite 126/270    Eingabe: 000n / w / nnn0 / www set...  
 3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmY0\* setcmyk



Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS15\_90a  
Daten für jede Farbe:

$u^*_e$  und Nummer Nr. = 00 .. 15

Elementar-Bunttontext:

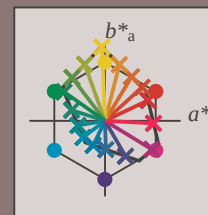
$u^*_e = 16$  Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| $r00j$  | 39.18       | 56.94   | 27.13   | 63.07        | 25           | $m81o$  |
| $r25j$  | 42.41       | 49.1    | 44.5    | 66.26        | 42           | $o10y$  |
| $r50j$  | 52.78       | 35.22   | 58.37   | 68.17        | 59           | $o40y$  |
| $r75j$  | 64.82       | 19.12   | 74.47   | 76.89        | 76           | $o69y$  |
| $j00g$  | 82.06       | -3.94   | 97.52   | 97.6         | 92           | $o98y$  |
| $j25g$  | 67.26       | -26.87  | 74.67   | 79.36        | 110          | $y34l$  |
| $j50g$  | 55.83       | -43.45  | 57.11   | 71.76        | 127          | $y69l$  |
| $j75g$  | 47.5        | -54.18  | 38.3    | 66.35        | 145          | $l03c$  |
| $g00b$  | 50.07       | -44.09  | 14.13   | 46.3         | 162          | $l23c$  |
| $g25b$  | 52.21       | -35.66  | -6.03   | 36.17        | 190          | $l55c$  |
| $g50b$  | 53.9        | -29.04  | -21.87  | 36.36        | 217          | $l87c$  |
| $g75b$  | 49.44       | -15.51  | -32.31  | 35.84        | 244          | $c20v$  |
| $b00r$  | 41.36       | 1.15    | -37.95  | 37.97        | 272          | $c53v$  |
| $b25r$  | 28.74       | 27.19   | -46.77  | 54.1         | 300          | $c87v$  |
| $b50r$  | 33.74       | 61.97   | -37.81  | 72.59        | 329          | $v68m$  |
| $b75r$  | 40.08       | 64.26   | -3.32   | 64.35        | 357          | $m33o$  |



%Umfang

$u^*_{rel} = 88$

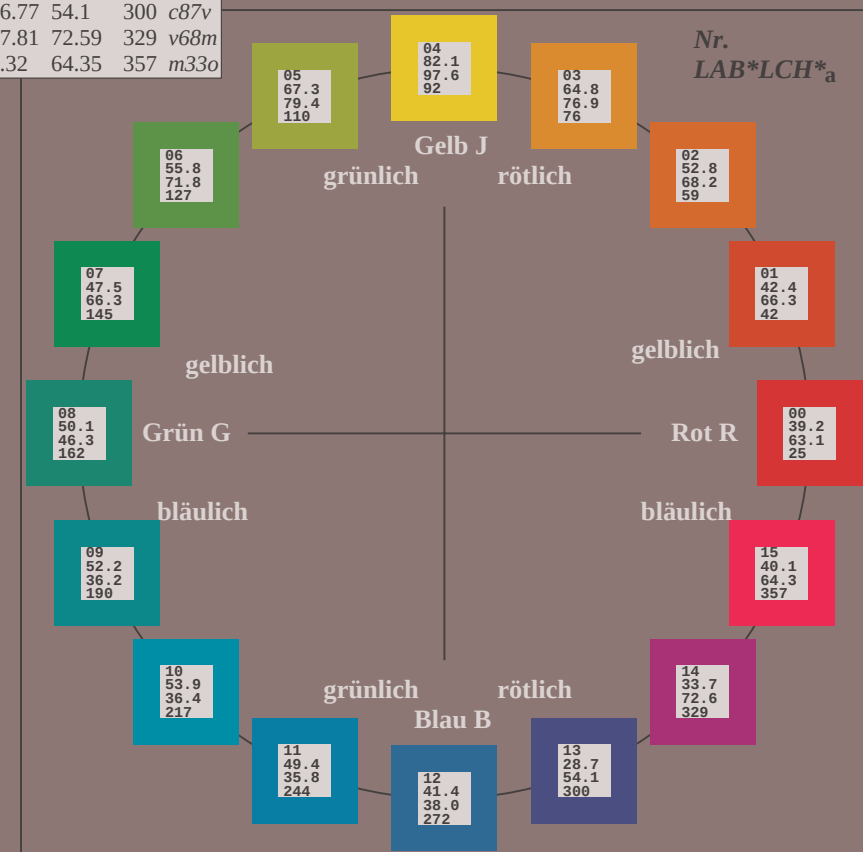
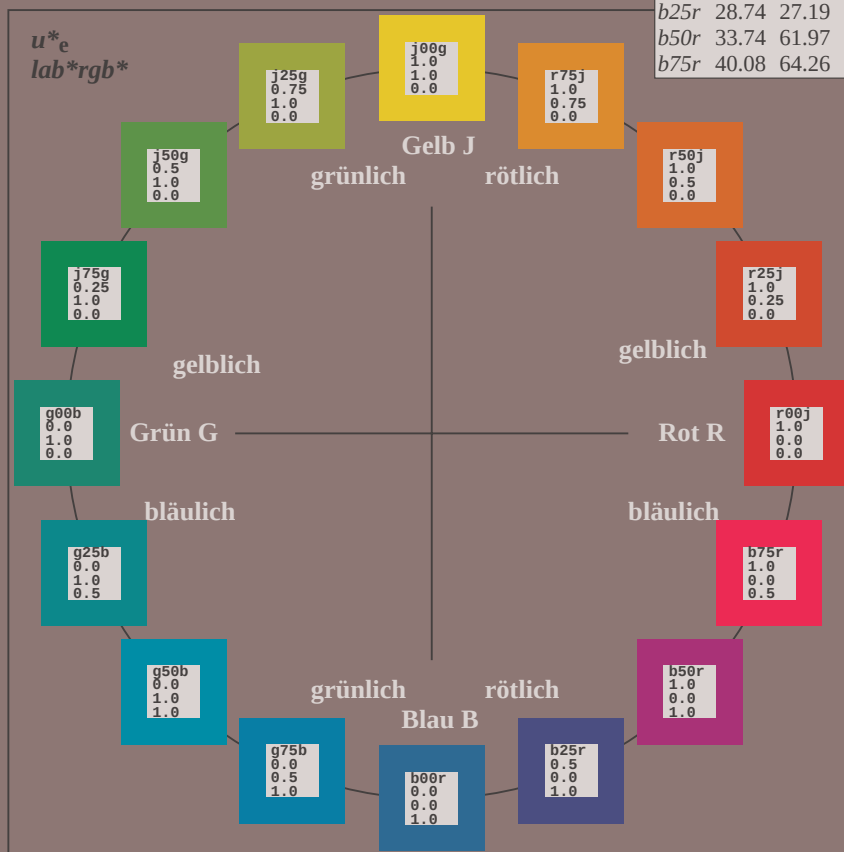
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| Name      | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_{Ma}$  | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| $Y_{Ma}$  | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| $L_{Ma}$  | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| $C_{Ma}$  | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| $V_{Ma}$  | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| $M_{Ma}$  | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| $N_{Ma}$  | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$  | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$ | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| $G_{CIE}$ | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| $B_{CIE}$ | 30.57       | 1.41    | -46.47  | 46.49        | 272          |



### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

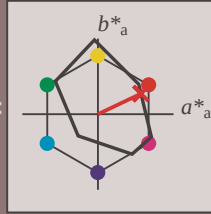
## Bunttexte:

$$u_e^* = r00j \quad u_d^* = m81o$$

### Kontrastreduzierungsfaktor:

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       |         | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       |         | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub>                    | 46.95   | -56.34      |         | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub>                    | 54.62   | -26.2       |         | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub>                    | 20.01   | 45.2        |         | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub>                    | 40.88   | 70.68       |         | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub>                    | 15.0    | 0.0         |         | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                    | 90.0    | 0.0         |         | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub>                    | 39.92   | 58.74       |         | 27.99   | 65.07        | 95           |
| J <sub>Ma</sub>                    | 81.26   | -2.89       |         | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub>                    | 52.23   | -42.42      |         | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub>                    | 30.57   | 1.41        |         | -46.47  | 46.49        | 272          |

### Daten für Maximalfarbe (Ma):

*LAB\*LAB\**M<sub>2</sub>: 39 57 27

LAR\*ICH\* - : 30 63 25

**LAB LCH** Ma: 59 65 2

*lab\*rgb\*\_Ma: 1.0 0.0 0.0*

*lab\*olv\**<sub>Ma</sub>: 1.0 0.0 0.18

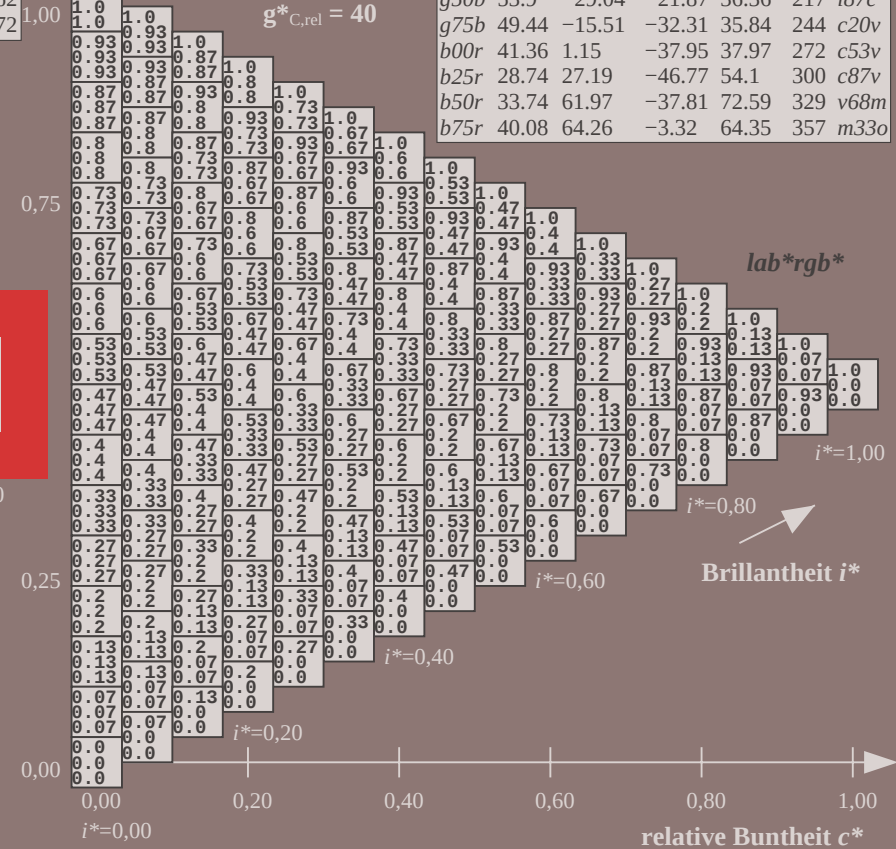
### Dreiecks-Helligkeit $t^*$

2/33

### %Umfang

$$\mathbf{u}_{\text{rel}}^* = 88$$

**%Regular**

$$g^*_{H,rel} = 31$$
Brillantheit *i*\*relative Buntheit  $c^*$ 

BAM-Prüfvorlage Eg11; Farbmatrik-Systeme, Seite 128/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmY0\* setcmyk

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg.HTM](http://www.ps.bam.de/Eg.HTM)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpx=0

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

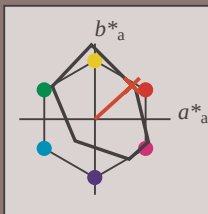
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 49 44

$LAB^*LCH^*_{Ma}$ : 42 66 42

$lab^*rgb^*_{Ma}$ : 1.0 0.25 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

## Bunttontexte:

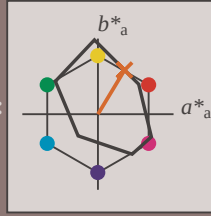
$$u_e^* = r50j \quad u_d^* = o40y$$

## Kontrastreduzierungsfaktor:

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$

100



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |    |
|------------------------------------|-------------|---------|---------|--------------|--------------|----|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |    |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           | 93 |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           | 36 |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          | 36 |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          | 36 |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          | 36 |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          | 36 |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            | 0  |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            | 0  |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           | 92 |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           | 92 |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          | 92 |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          | 92 |

### Daten für Maximalfarbe (Ma):

*LAB\*LAB\**M<sub>2</sub>: 53 35 58

LAP\*ICH\*<sub>5</sub> : 53 68 59

LAB LCH Ma: 55 06 3  
Lab: Lab: 1 2 3 5 2 2

*lab\*rgb*\*Ma: 1.0 0.5 0.0

*lab\*olv\*\_Ma: 1.0 0.4 0.0*

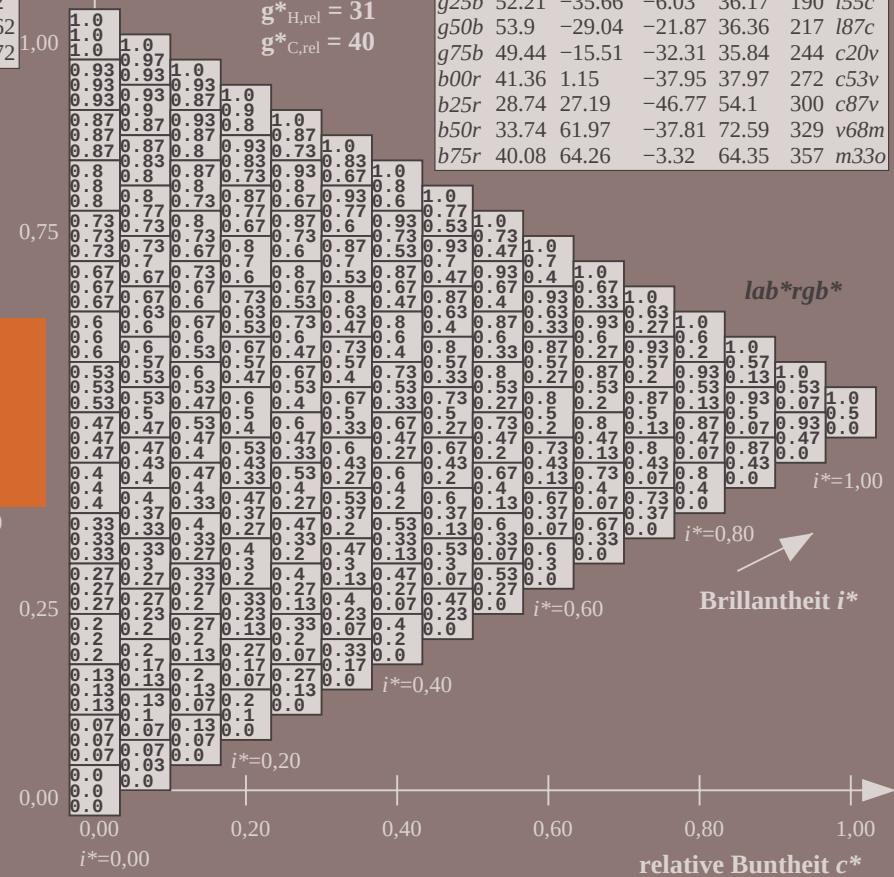
### Dreiecks-Helligkeit $t^*$

0/11

## %Umfang

$$\mathbf{u}_{\text{rel}}^* = 88$$

**%Regular**

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$


*lab\*rgb\**

## Brillantheit $i^*$

BAM-Prüfvorlage Eg11; Farbmimetrik-Systeme, Seite 130/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmy0\* setcmyk

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSp=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSp=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSp=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSp=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

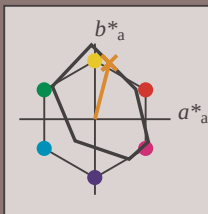
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 65 19 74

$LAB^*LCH^*_{Ma}$ : 65 77 75

$lab^*rgb^*_{Ma}$ : 1.0 0.75 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

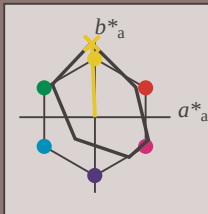
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 82 -4 98

$LAB^*LCH^*_{Ma}$ : 82 98 92

$lab^*rgb^*_{Ma}$ : 1.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.99 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

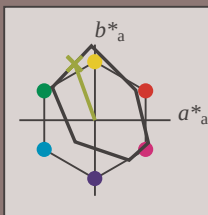
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -27 75

$LAB^*LCH^*_{Ma}$ : 67 79 109

$lab^*rgb^*_{Ma}$ : 0.75 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.66 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$lab^*rgb^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

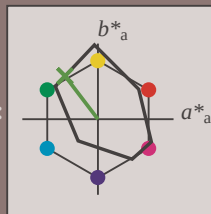
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 56 -43 57

$LAB^*LCH^*_{Ma}$ : 56 72 127

$lab^*rgb^*_{Ma}$ : 0.5 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

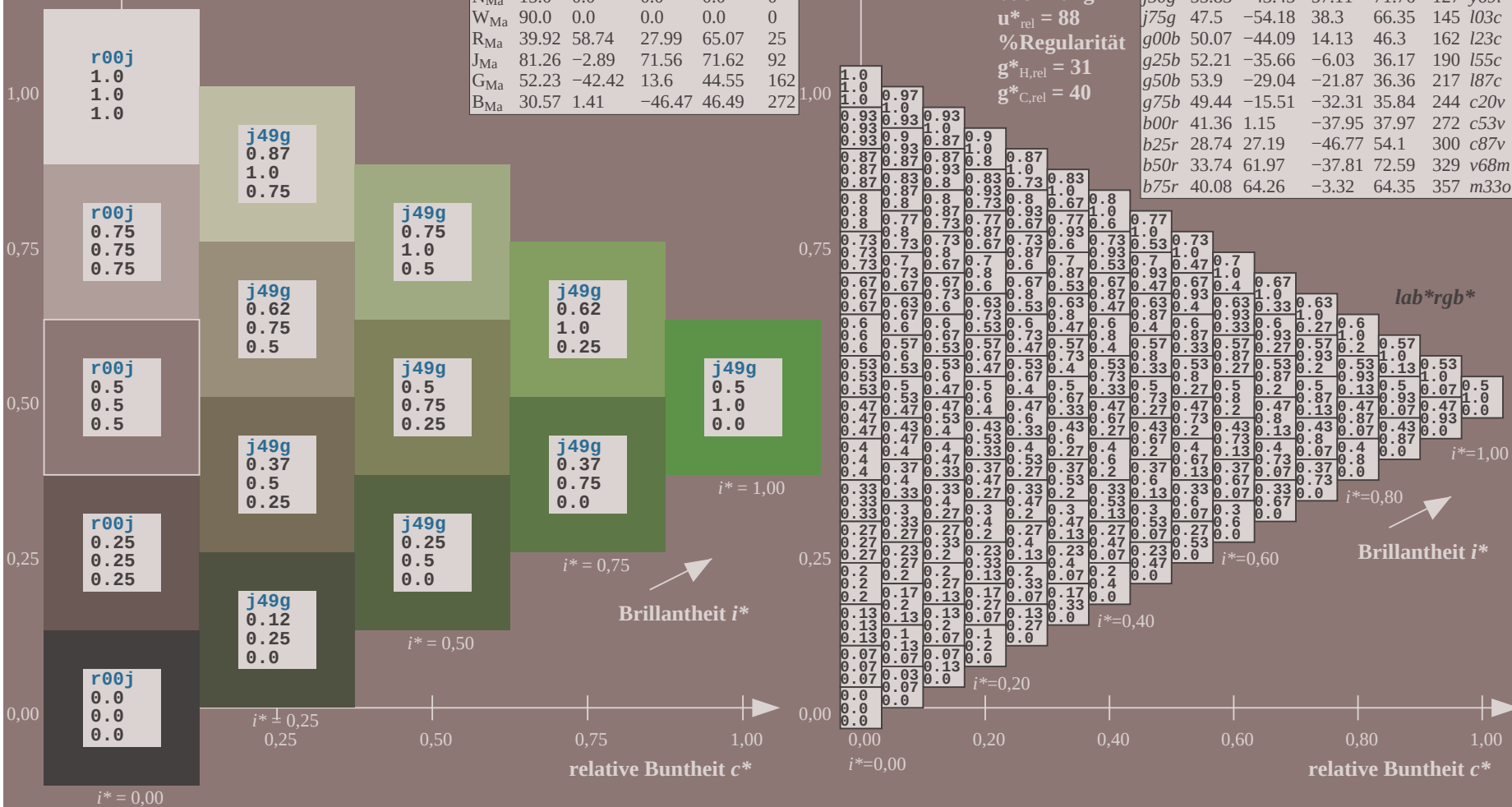
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSp=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSp=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSp=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSp=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

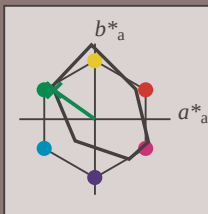
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

$lab^*rgb^*_{Ma}$ : 0.25 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

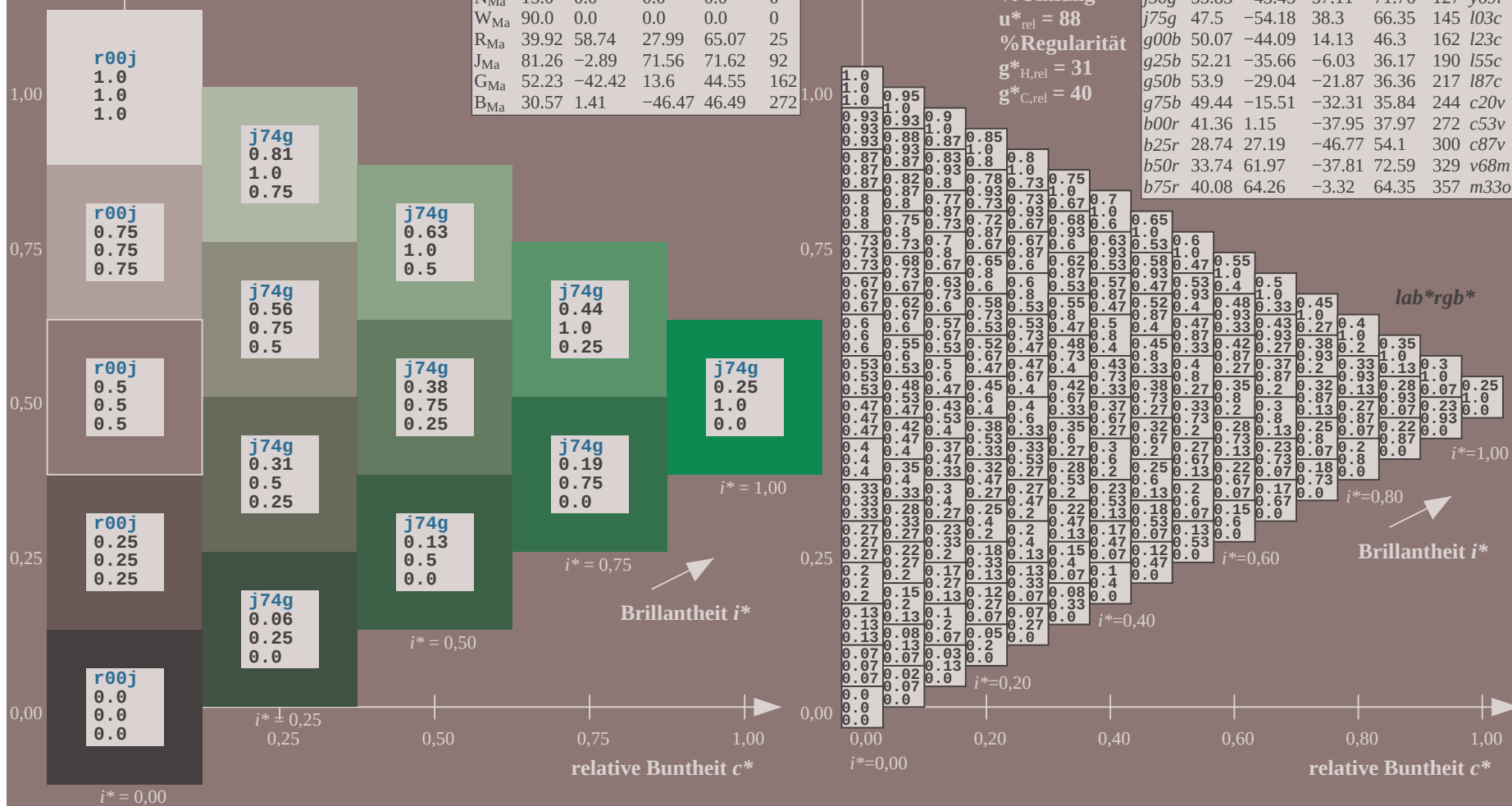
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | i03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | i23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | i55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | i87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

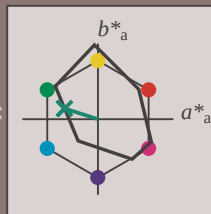
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|--|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |  |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |  |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |  |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |  |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |  |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |  |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |  |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |  |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |  |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |  |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |  |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -44 14

$LAB^*LCH^*_{Ma}$ : 50 46 162

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $t^*$

%Umfang

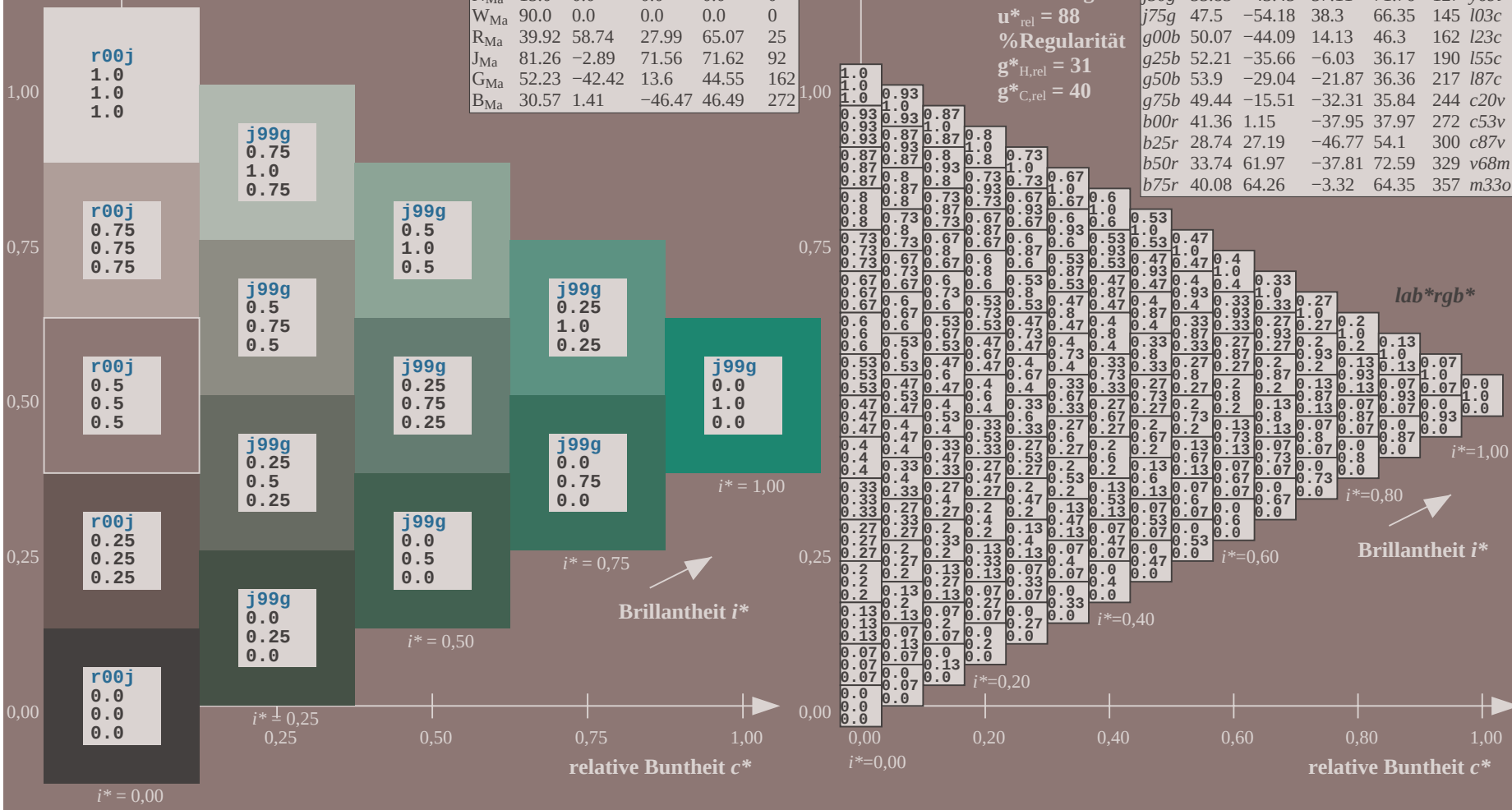
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

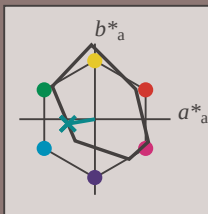
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.5

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

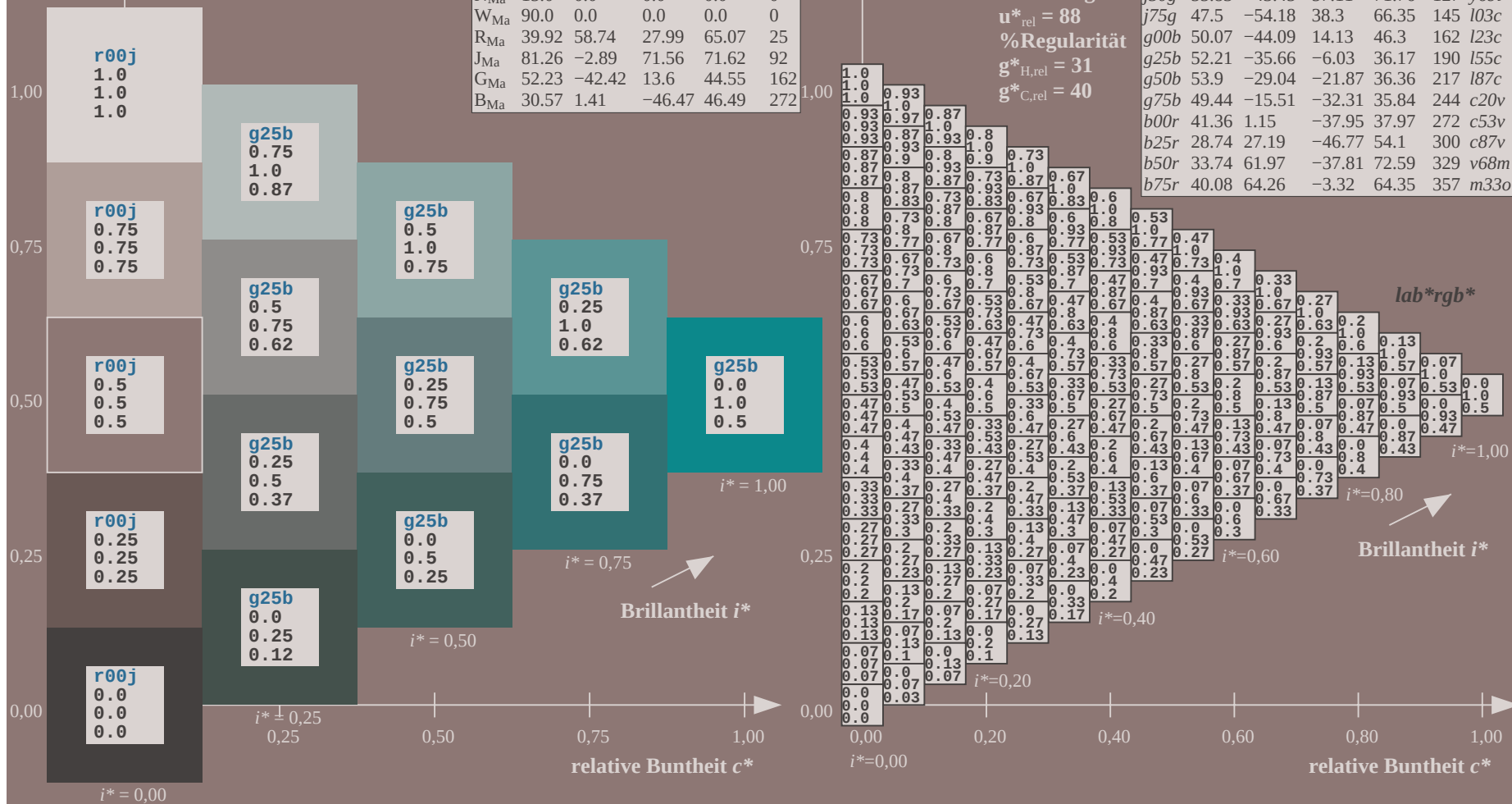
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$u^*_e = g25b$   
 $lab^*rgb^*$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           |              | m81o    |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           |              | o10y    |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           |              | o40y    |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           |              | o69y    |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           |              | o98y    |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          |              | y34l    |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          |              | y69l    |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          |              | l03c    |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          |              | l23c    |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          |              | l55c    |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          |              | l87c    |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          |              | c20v    |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          |              | c53v    |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          |              | c87v    |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          |              | v68m    |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          |              | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSp=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSp=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSp=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSp=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

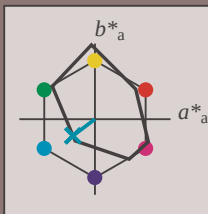
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

$lab^*rgb^*_{Ma}$ : 0.0 1.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

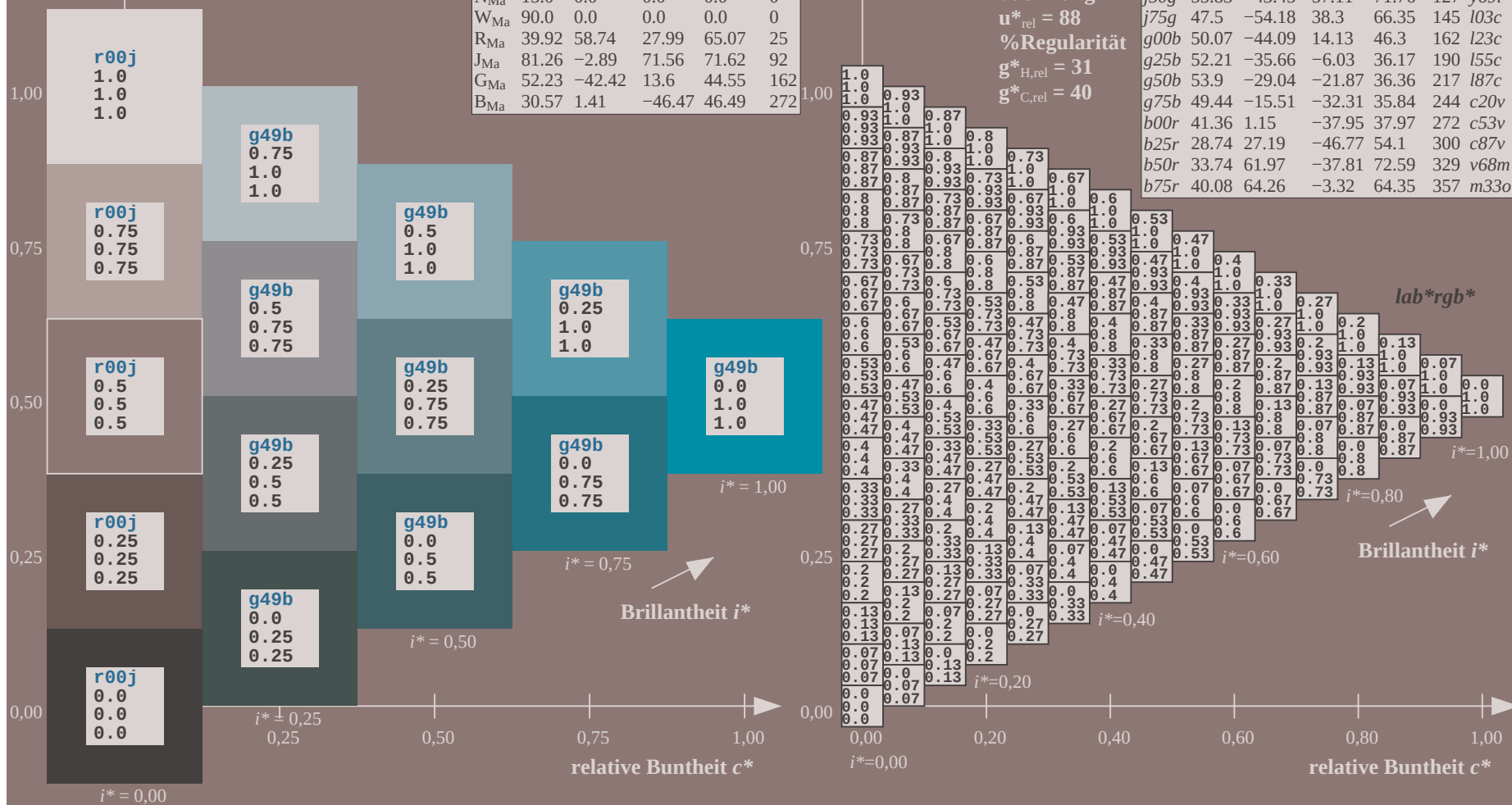
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$u^*_e = g50b$   
 $lab^*rgb^*$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

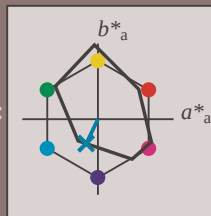
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 49 -16 -32

$LAB^*LCH^*_{Ma}$ : 49 36 244

$lab^*rgb^*_{Ma}$ : 0.0 0.5 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

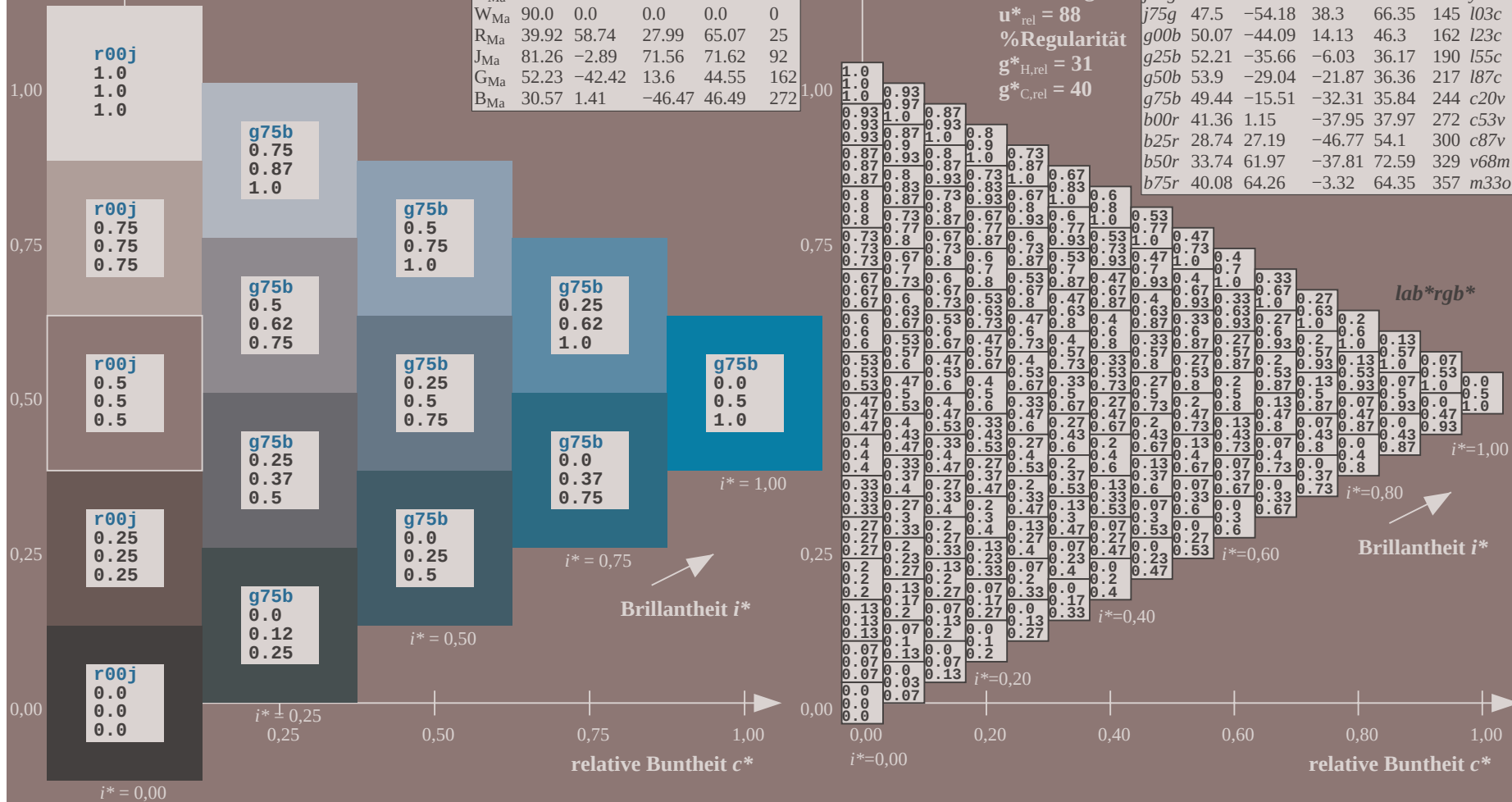
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$u^*_e = g75b$   
 $lab^*rgb^*$



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

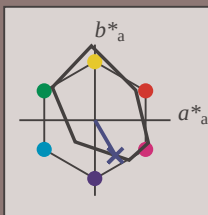
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*\text{Ma}$ : 29 27 -47

$\text{LAB}^*\text{LCH}^*\text{Ma}$ : 29 54 300

$\text{lab}^*\text{rgb}^*\text{Ma}$ : 0.5 0.0 1.0

$\text{lab}^*\text{olv}^*\text{Ma}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

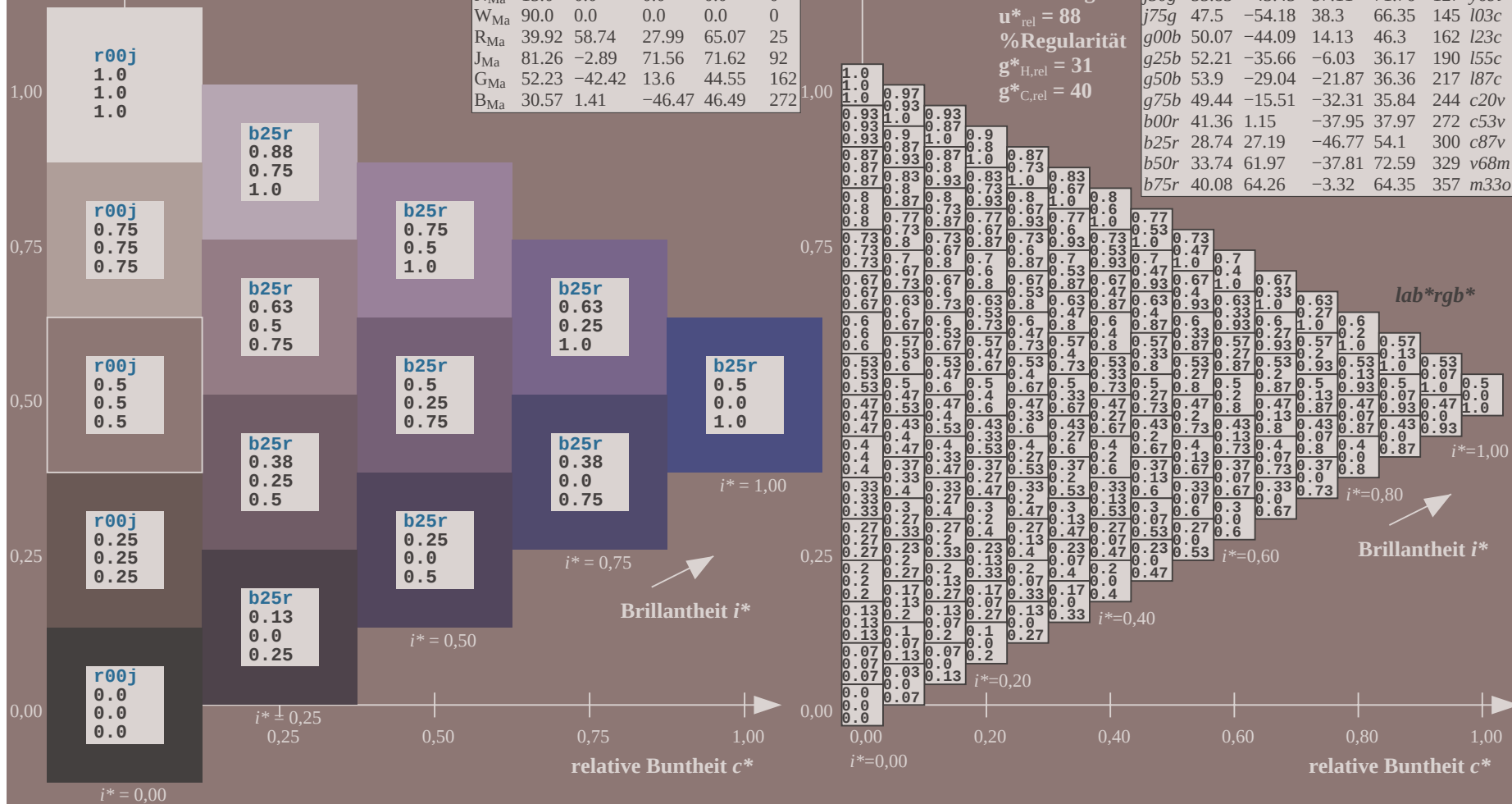
$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

$u^*_e = b25r$   
 $\text{lab}^*\text{rgb}^*$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11G00FP.PS/](http://www.ps.bam.de/Eg11G00FP.PS/).PDF  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

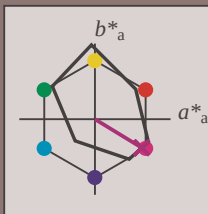
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 34 62 -38

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 34 73 328

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 1.0 0.0 1.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$\text{lab}^*\text{rgb}^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

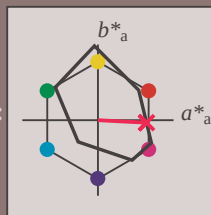
### Bunttexte:

$$u^*_e = b75r \quad u^*_d = m33o$$

**Kontrastreduzierungsfaktor:**

 $c_D = 0.9$ 

### Dreiecks-Helligkeit $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

### Daten für Maximalfarbe (Ma):

LAB\*LAB\* $M_{n,0}$ : 40 64 -3

LAD\*LGII\* 40 64 255

**LAB\*LCH\*Ma: 40 64 3**

*lab\*rgb*<sub>Ma</sub>: 1.0 0.0 0.5

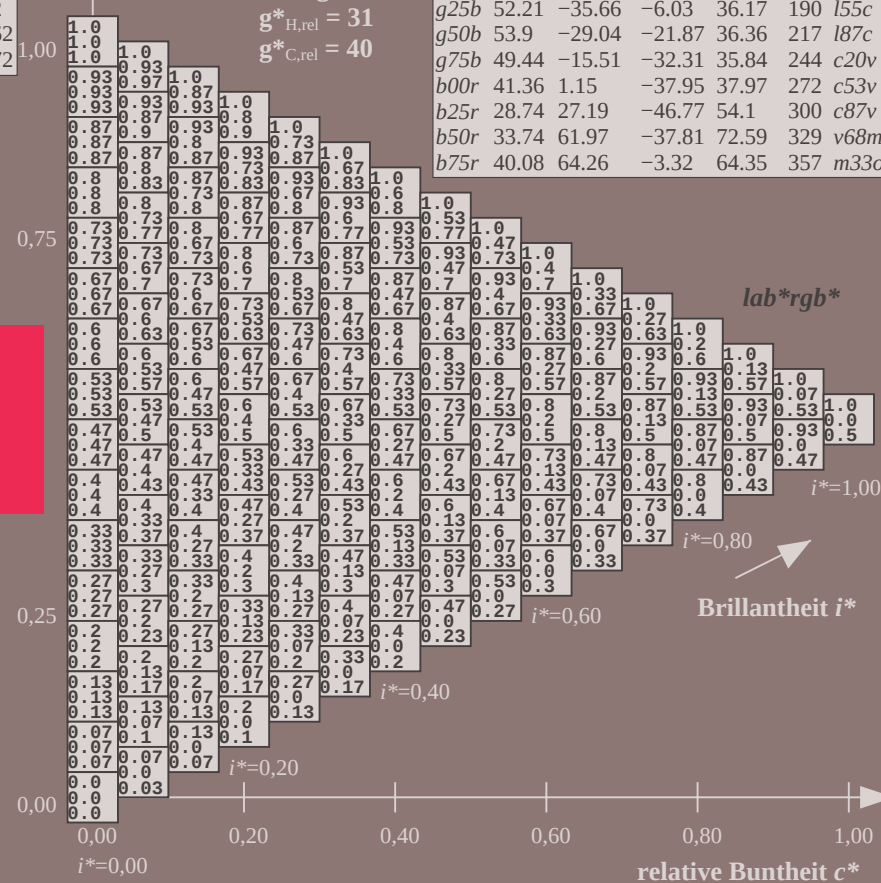
*lab\*olv\**<sub>Ma</sub>: 1.0 0.0 0.66

### Dreiecks-Helligkeit $t^*$

## %Umfang

$$u_{\text{rel}}^* = 88$$

### %Regularität

$$g_{\text{H,rel}}^* = 31$$
$$g^*_{C,rel} = 40$$
Brillantheit  $j^*$ relative Buntheit  $c^*$ 

BAM-Prüfvorlage Eg11; Farbmimetrik-Systeme, Seite 143/270  
3 Separationen, 9 Datentabellen für 16 Bunttöne *r00j* bis *b75r*

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [http://www.ps.bam.de/Version 2.1, io=1,1, CIE LAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,%20io=1,1,CIE%20LAB,%20ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIE LAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,%20io=1,1,CIE%20LAB,%20ColSpX=0)

|    | A    | B    | C    | D    | E    | F    | G    | H    | I    | J    | K    | L    | M    | N    | O    | P    | Q    | R    | S    | T    | U    | V    | W    | X    | Y    | Z    | a    | b    | c    | d    | e    | f    | g    | h    | i    | j    | k    | lab*rgb* |      |      |      |
|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|------|
| 01 | 0.0  | 0.04 | 0.07 | 0.11 | 0.14 | 0.18 | 0.21 | 0.25 | 0.28 | 0.32 | 0.36 | 0.40 | 0.44 | 0.48 | 0.52 | 0.56 | 0.60 | 0.64 | 0.68 | 0.72 | 0.76 | 0.80 | 0.84 | 0.88 | 0.92 | 0.96 | 1.00 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0      | 0.0  |      |      |
| 02 | 0.0  | 0.13 | 0.25 | 0.38 | 0.5  | 0.63 | 0.75 | 0.88 | 1.0  | 1.13 | 1.25 | 1.38 | 1.5  | 1.63 | 1.75 | 1.88 | 2.0  | 2.13 | 2.25 | 2.38 | 2.5  | 2.63 | 2.75 | 2.88 | 3.0  | 3.13 | 3.25 | 3.38 | 3.5  | 3.63 | 3.75 | 3.88 | 4.0  | 4.13 | 4.25 | 4.38 | 4.5  | 4.63     | 4.75 | 4.88 | 5.0  |
| 03 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0      | 0.0  | 0.0  |      |
| 04 | 0.09 | 0.0  | 0.0  | 0.0  | 0.0  | 0.03 | 0.06 | 0.1  | 0.13 | 0.13 | 0.13 | 0.16 | 0.2  | 0.23 | 0.27 | 0.3  | 0.34 | 0.37 | 0.4  | 0.43 | 0.46 | 0.48 | 0.51 | 0.53 | 0.56 | 0.58 | 0.61 | 0.63 | 0.66 | 0.68 | 0.71 | 0.73 | 0.75 | 0.77 | 0.79 | 0.81 | 0.83 | 0.85     | 0.87 | 0.89 | 0.91 |
| 05 | 0.17 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.23 | 0.21 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.15 | 0.19 | 0.22 | 0.25 | 0.25 | 0.25 | 0.29 | 0.32 | 0.36 | 0.39 | 0.43 | 0.46 | 0.48 | 0.51 | 0.53 | 0.55 | 0.57 | 0.59 | 0.61 | 0.63 | 0.65 | 0.67     | 0.69 | 0.71 |      |
| 06 | 0.25 | 0.01 | 0.2  | 0.38 | 0.5  | 0.63 | 0.75 | 0.88 | 1.0  | 0.0  | 0.13 | 0.13 | 0.25 | 0.38 | 0.5  | 0.63 | 0.75 | 0.88 | 1.0  | 0.0  | 0.15 | 0.25 | 0.38 | 0.5  | 0.63 | 0.75 | 0.88 | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0      | 0.0  | 0.0  |      |
| 07 | 0.34 | 0.16 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.31 | 0.3  | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.27 | 0.25 | 0.35 | 0.34 | 0.25 | 0.25 | 0.25 | 0.25 | 0.28 | 0.31 | 0.33 | 0.35 | 0.37 | 0.39 | 0.41 | 0.43 | 0.45 | 0.47 | 0.49     | 0.51 | 0.53 |      |
| 08 | 0.43 | 0.24 | 0.06 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.48 | 0.47 | 0.28 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.54 | 0.52 | 0.51 | 0.32 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25     | 0.25 | 0.25 |      |
| 09 | 0.51 | 0.33 | 0.15 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.57 | 0.55 | 0.37 | 0.19 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.63 | 0.61 | 0.59 | 0.41 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25     | 0.25 | 0.25 |      |
| 10 | 0.6  | 0.0  | 0.0  | 0.04 | 0.23 | 0.42 | 0.6  | 0.88 | 1.0  | 0.0  | 0.13 | 0.13 | 0.13 | 0.25 | 0.44 | 0.63 | 0.88 | 1.0  | 0.0  | 0.13 | 0.25 | 0.25 | 0.27 | 0.46 | 0.65 | 0.88 | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0      | 0.0  | 0.0  |      |
| 11 | 0.75 | 0.5  | 0.5  | 0.5  | 0.5  | 0.55 | 0.51 | 0.46 | 0.42 | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.53 | 0.48 | 0.44 | 0.39 | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5      | 0.5  |      |      |
| 12 | 0.83 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63     | 0.63 |      |      |
| 13 | 0.91 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75     | 0.75 |      |      |
| 14 | 1.0  | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88     | 0.88 |      |      |
| 15 | 1.09 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96 | 0.96     | 0.96 |      |      |
| 16 | 1.17 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04 | 1.04     | 1.04 |      |      |
| 17 | 1.25 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13     | 1.13 |      |      |
| 18 | 1.33 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21 | 1.21     | 1.21 |      |      |
| 19 | 1.41 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29 | 1.29     | 1.29 |      |      |
| 20 | 1.49 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 | 1.37     | 1.37 |      |      |
| 21 | 1.57 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45 | 1.45     | 1.45 |      |      |
| 22 | 1.65 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53 | 1.53     | 1.53 |      |      |
| 23 | 1.73 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 |      |      |      |      |      |      |      |      |      |      |      |      |      |          |      |      |      |

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rhata  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS15\_90a  
Daten für jede Farbe:

$u^*_e$  und Nummer Nr. = 00 .. 15

Elementar-Bunttontext:

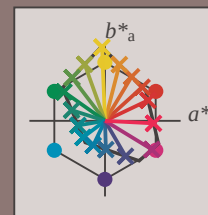
$u^*_e = 16$  Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| $r00j$  | 39.18       | 56.94   | 27.13   | 63.07        | 25           | $m81o$  |
| $r25j$  | 42.41       | 49.1    | 44.5    | 66.26        | 42           | $o10y$  |
| $r50j$  | 52.78       | 35.22   | 58.37   | 68.17        | 59           | $o40y$  |
| $r75j$  | 64.82       | 19.12   | 74.47   | 76.89        | 76           | $o69y$  |
| $j00g$  | 82.06       | -3.94   | 97.52   | 97.6         | 92           | $o98y$  |
| $j25g$  | 67.26       | -26.87  | 74.67   | 79.36        | 110          | $y34l$  |
| $j50g$  | 55.83       | -43.45  | 57.11   | 71.76        | 127          | $y69l$  |
| $j75g$  | 47.5        | -54.18  | 38.3    | 66.35        | 145          | $l03c$  |
| $g00b$  | 50.07       | -44.09  | 14.13   | 46.3         | 162          | $l23c$  |
| $g25b$  | 52.21       | -35.66  | -6.03   | 36.17        | 190          | $l55c$  |
| $g50b$  | 53.9        | -29.04  | -21.87  | 36.36        | 217          | $l87c$  |
| $g75b$  | 49.44       | -15.51  | -32.31  | 35.84        | 244          | $c20v$  |
| $b00r$  | 41.36       | 1.15    | -37.95  | 37.97        | 272          | $c53v$  |
| $b25r$  | 28.74       | 27.19   | -46.77  | 54.1         | 300          | $c87v$  |
| $b50r$  | 33.74       | 61.97   | -37.81  | 72.59        | 329          | $v68m$  |
| $b75r$  | 40.08       | 64.26   | -3.32   | 64.35        | 357          | $m33o$  |



%Umfang

$u^*_{rel} = 88$

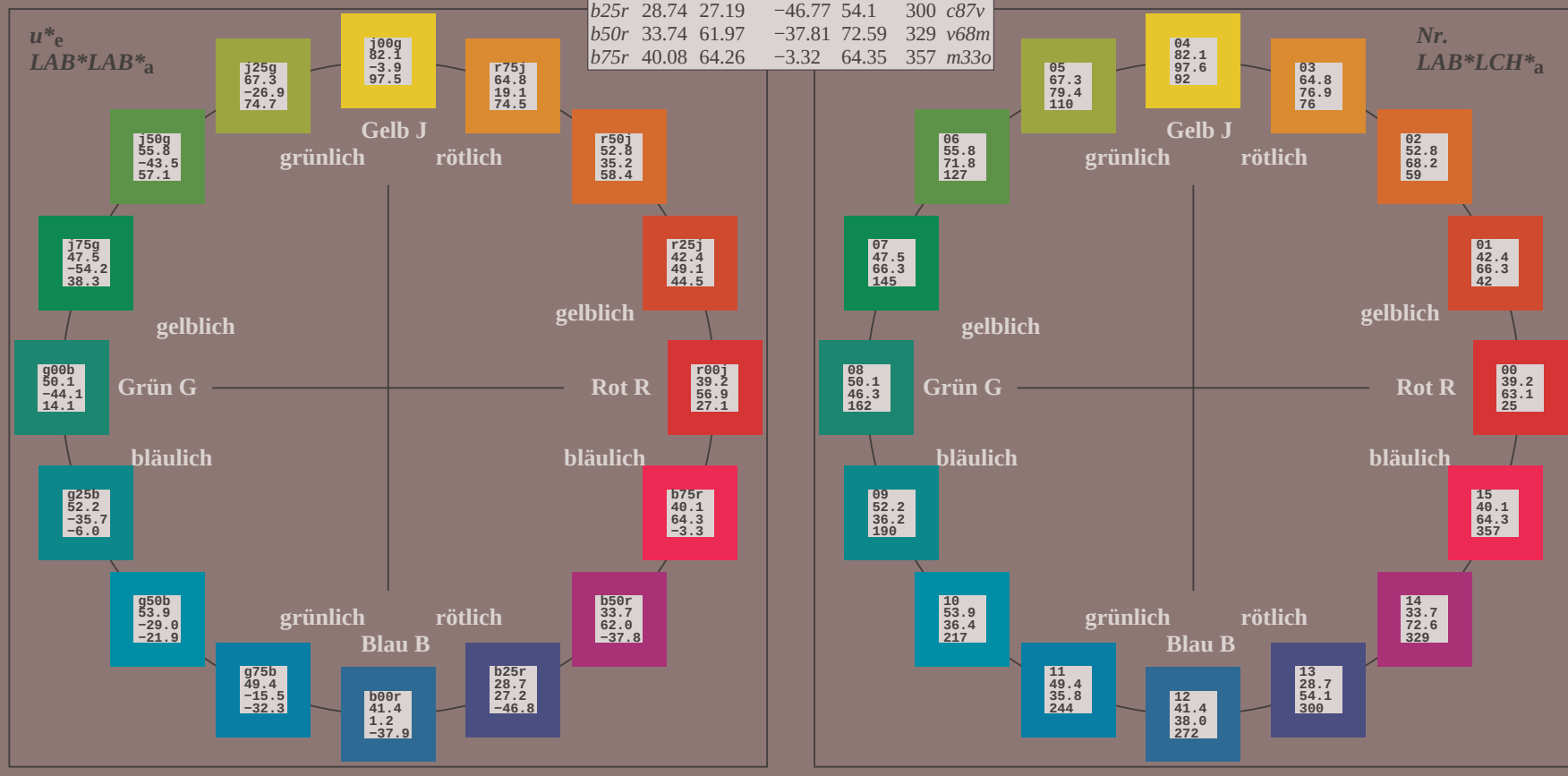
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| Name      | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_{Ma}$  | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| $Y_{Ma}$  | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| $L_{Ma}$  | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| $C_{Ma}$  | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| $V_{Ma}$  | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| $M_{Ma}$  | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| $N_{Ma}$  | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$  | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$ | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| $G_{CIE}$ | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| $B_{CIE}$ | 30.57       | 1.41    | -46.47  | 46.49        | 272          |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

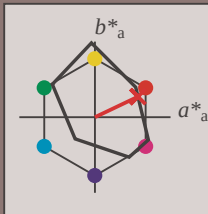
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_Ma$ : 39 57 27

$LAB^*LCH^*_Ma$ : 39 63 25

$lab^*rgb^*_Ma$ : 1.0 0.0 0.0

$lab^*olv^*_Ma$ : 1.0 0.0 0.18

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           |              | m81o    |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           |              | o10y    |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           |              | o40y    |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           |              | o69y    |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           |              | o98y    |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          |              | y34l    |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          |              | y69l    |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          |              | i03c    |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          |              | i23c    |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          |              | i55c    |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          |              | i87c    |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          |              | c20v    |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          |              | c53v    |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          |              | c87v    |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          |              | v68m    |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          |              | m33o    |

$LAB^*LAB^*_a$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11G00FP.PS/](http://www.ps.bam.de/Eg11G00FP.PS/) PDF BAM-Material: Code=rha4ta  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

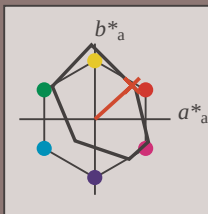
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 42 49 44

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 42 66 42

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 1.0 0.25 0.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

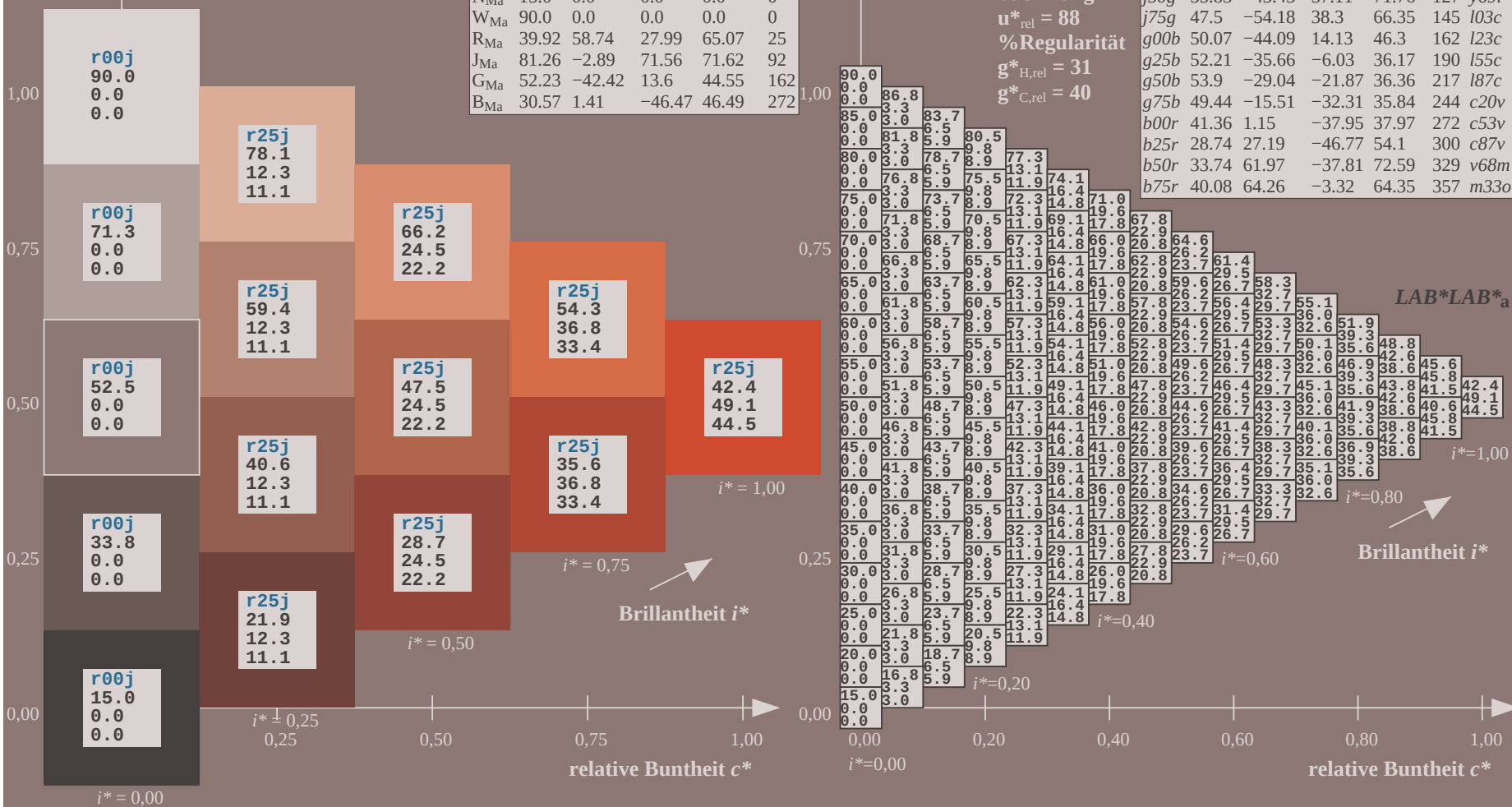
$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$u^*_e = r25j$   
 $\text{LAB}^*\text{LAB}^*_{\text{a}}$



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11G00FP.PS/](http://www.ps.bam.de/Eg11G00FP.PS/) PDF BAM-Material: Code=rha4ta  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

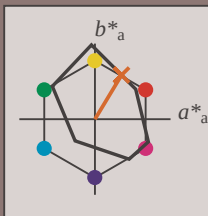
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_Ma$ : 53 35 58

$LAB^*LCH^*_Ma$ : 53 68 58

$lab^*rgb^*_Ma$ : 1.0 0.5 0.0

$lab^*olv^*_Ma$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |

$LAB^*LAB^*_a$

$i^* = 1.00$

Brillantheit  $i^*$

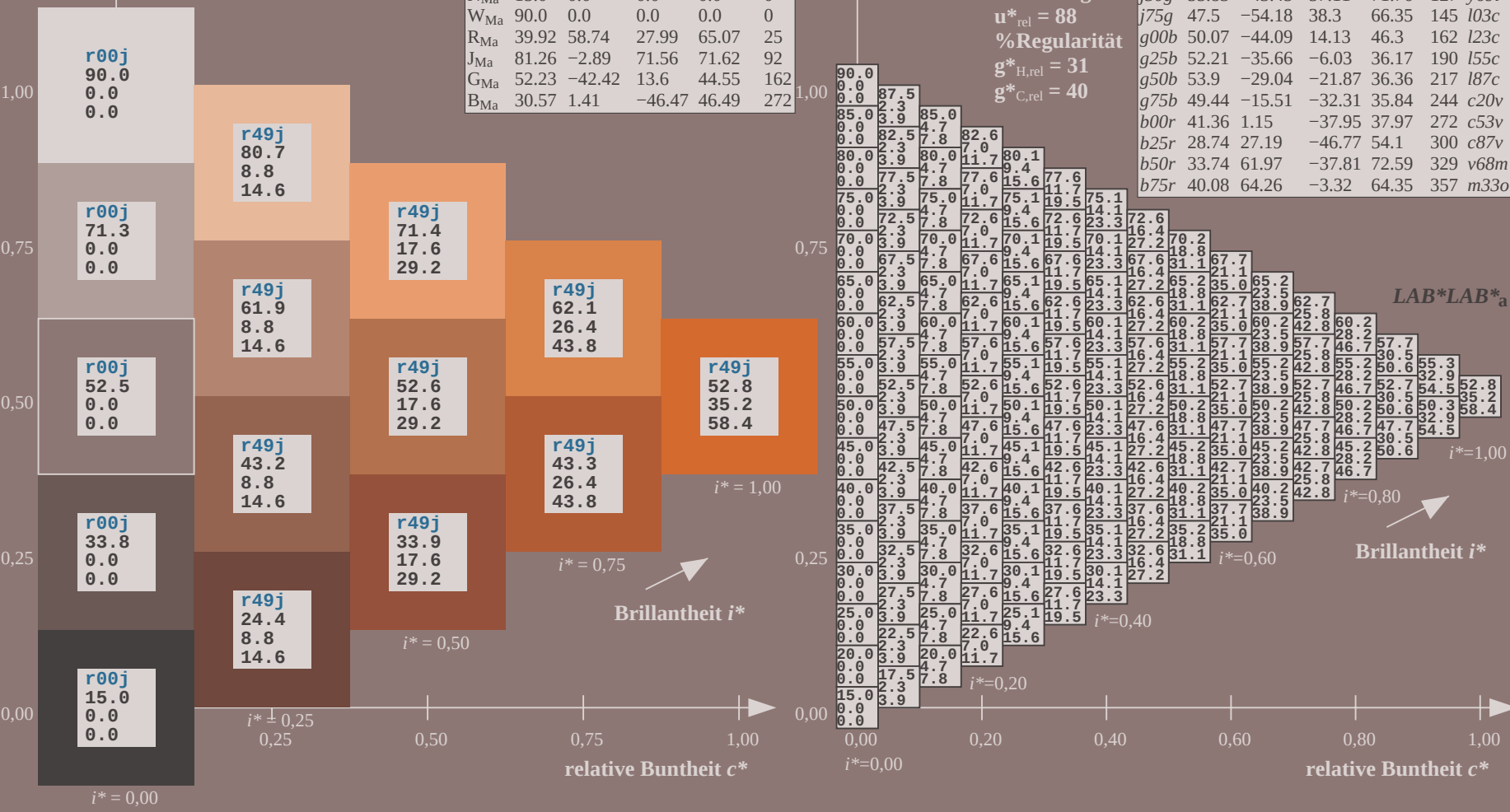
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

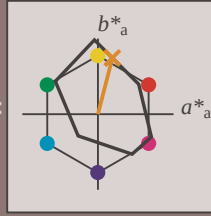
## Bunttontexte:

$$u^*_e = r75j \quad u^*_d = o69y$$

## Kontrastreduzierungsfaktor:

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

### Daten für Maximalfarbe (Ma):

$LAB*LAB*_M_2: 65 \ 19 \ 74$

LAR\*LCH\*<sub>5</sub> : 65 77 75

**LAB LCH** Ma: 03-77-73  
Lab# Lab# 618-975-93

*lab\*rgb\**<sub>Ma</sub>: 1.0 0.75 0.

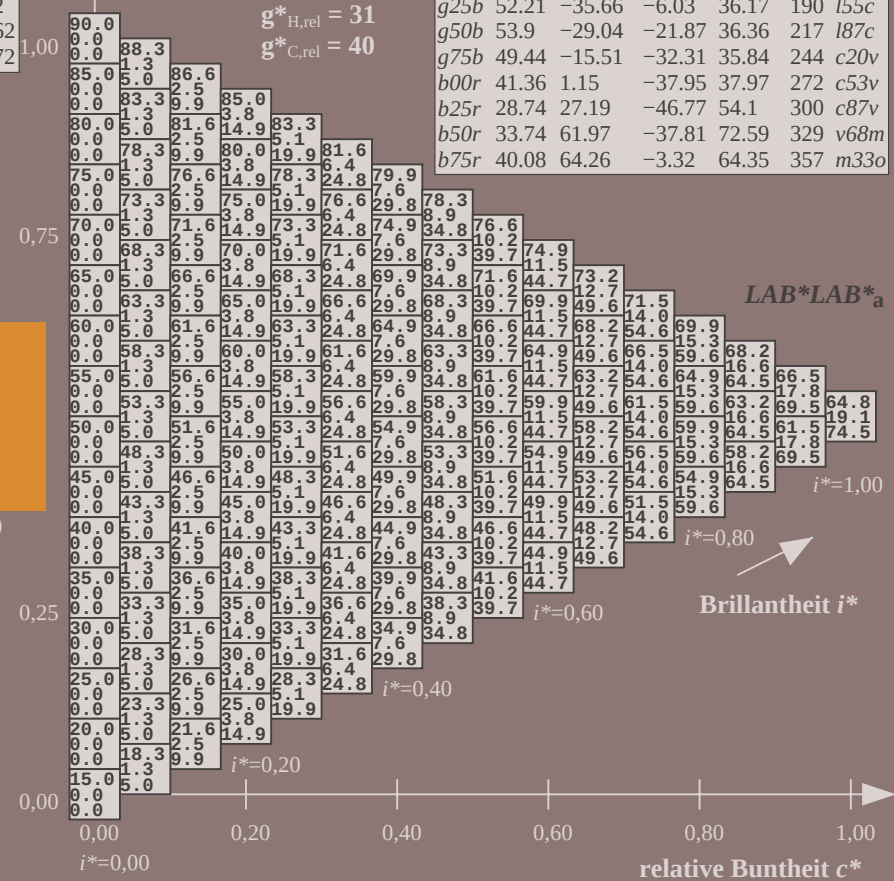
*lab\*olv\**Ma: 1.0 0.7 0.0

### Dreiecks-Helligkeit $t^*$

## %Umfang

$$\mathbf{u}_{\text{rel}}^* = 88$$

**%Regular:**

$$g_{H,rel}^* = 31$$
$$g^*_{C,rel} = 40$$

$$u_e^* = r75j$$

$$LAB^*LAB^*_a$$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |             |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|-------------|--|
| $u_e^*$                            | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$     |  |
| <i>r00j</i>                        | 39.18       | 56.94   | 27.13   | 63.07        | 25           | <i>m81o</i> |  |
| <i>r25j</i>                        | 42.41       | 49.1    | 44.5    | 66.26        | 42           | <i>o10y</i> |  |
| <i>r50j</i>                        | 52.78       | 35.22   | 58.37   | 68.17        | 59           | <i>o40y</i> |  |
| <i>r75j</i>                        | 64.82       | 19.12   | 74.47   | 76.89        | 76           | <i>o69y</i> |  |
| <i>j00g</i>                        | 82.06       | -3.94   | 97.52   | 97.6         | 92           | <i>o98y</i> |  |
| <i>j25g</i>                        | 67.26       | -26.87  | 74.67   | 79.36        | 110          | <i>y34l</i> |  |
| <i>j50g</i>                        | 55.83       | -43.45  | 57.11   | 71.76        | 127          | <i>y69l</i> |  |
| <i>j75g</i>                        | 47.5        | -54.18  | 38.3    | 66.35        | 145          | <i>l03c</i> |  |
| <i>g00b</i>                        | 50.07       | -44.09  | 14.13   | 46.3         | 162          | <i>l23c</i> |  |
| <i>g25b</i>                        | 52.21       | -35.66  | -6.03   | 36.17        | 190          | <i>l55c</i> |  |
| <i>g50b</i>                        | 53.9        | -29.04  | -21.87  | 36.36        | 217          | <i>l87c</i> |  |
| <i>g75b</i>                        | 49.44       | -15.51  | -32.31  | 35.84        | 244          | <i>c20v</i> |  |
| <i>b00r</i>                        | 41.36       | 1.15    | -37.95  | 37.97        | 272          | <i>c53v</i> |  |
| <i>b25r</i>                        | 28.74       | 27.19   | -46.77  | 54.1         | 300          | <i>c87v</i> |  |
| <i>b50r</i>                        | 33.74       | 61.97   | -37.81  | 72.59        | 329          | <i>v68m</i> |  |
| <i>b75r</i>                        | 40.08       | 64.26   | -3.32   | 64.35        | 357          | <i>m33o</i> |  |

*LAB\*LAB\*\_a*

Brillantheit *i*\*

BAM-Prüfvorlage Eg11; Farbmimetrik-Systeme, Seite 149/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmy0\* setcmyk

BAM-Prüfvorlage Eg11; Farbmimetrik-Systeme, Seite 149/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmy0\* setcmyk

BAM-Prüfvorlage Eg11; Farbmimetrik-Systeme, Seite 149/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmy0\* setcmyk

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

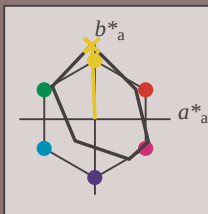
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_Ma$ : 82 -4 98

$LAB^*LCH^*_Ma$ : 82 98 92

$lab^*rgb^*_Ma$ : 1.0 1.0 0.0

$lab^*olv^*_Ma$ : 1.0 0.99 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |

$LAB^*LAB^*_a$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

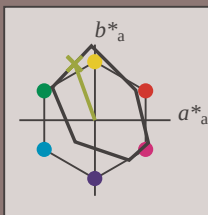
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |         |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |         |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |         |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |         |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |         |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |         |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |         |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |         |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |         |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |         |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_Ma$ : 67 -27 75

$LAB^*LCH^*_Ma$ : 67 79 109

$lab^*rgb^*_Ma$ : 0.75 1.0 0.0

$lab^*olv^*_Ma$ : 0.66 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

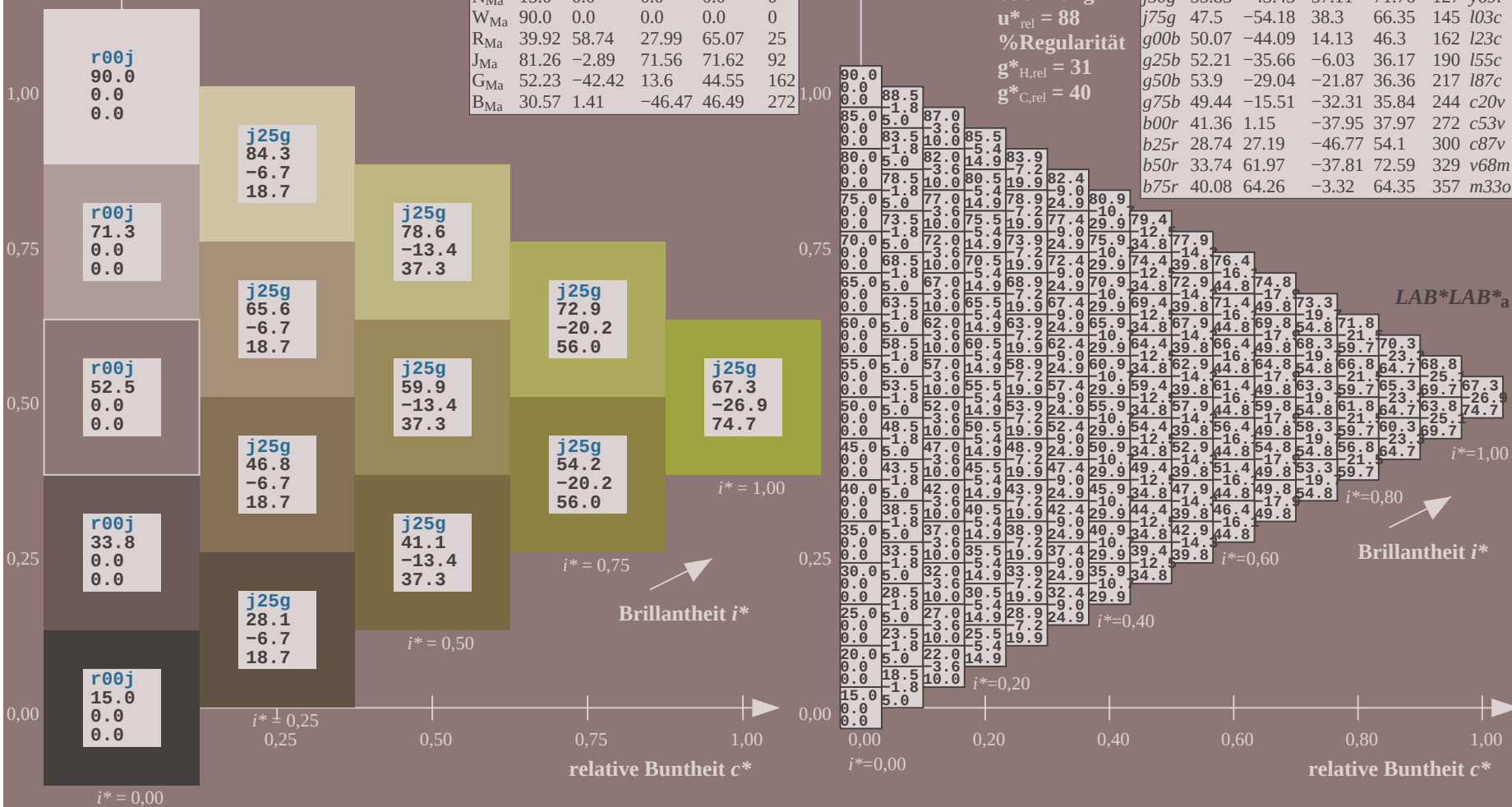
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| j50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

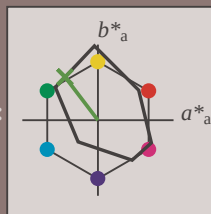
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 56 -43 57

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 56 72 127

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.5 1.0 0.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

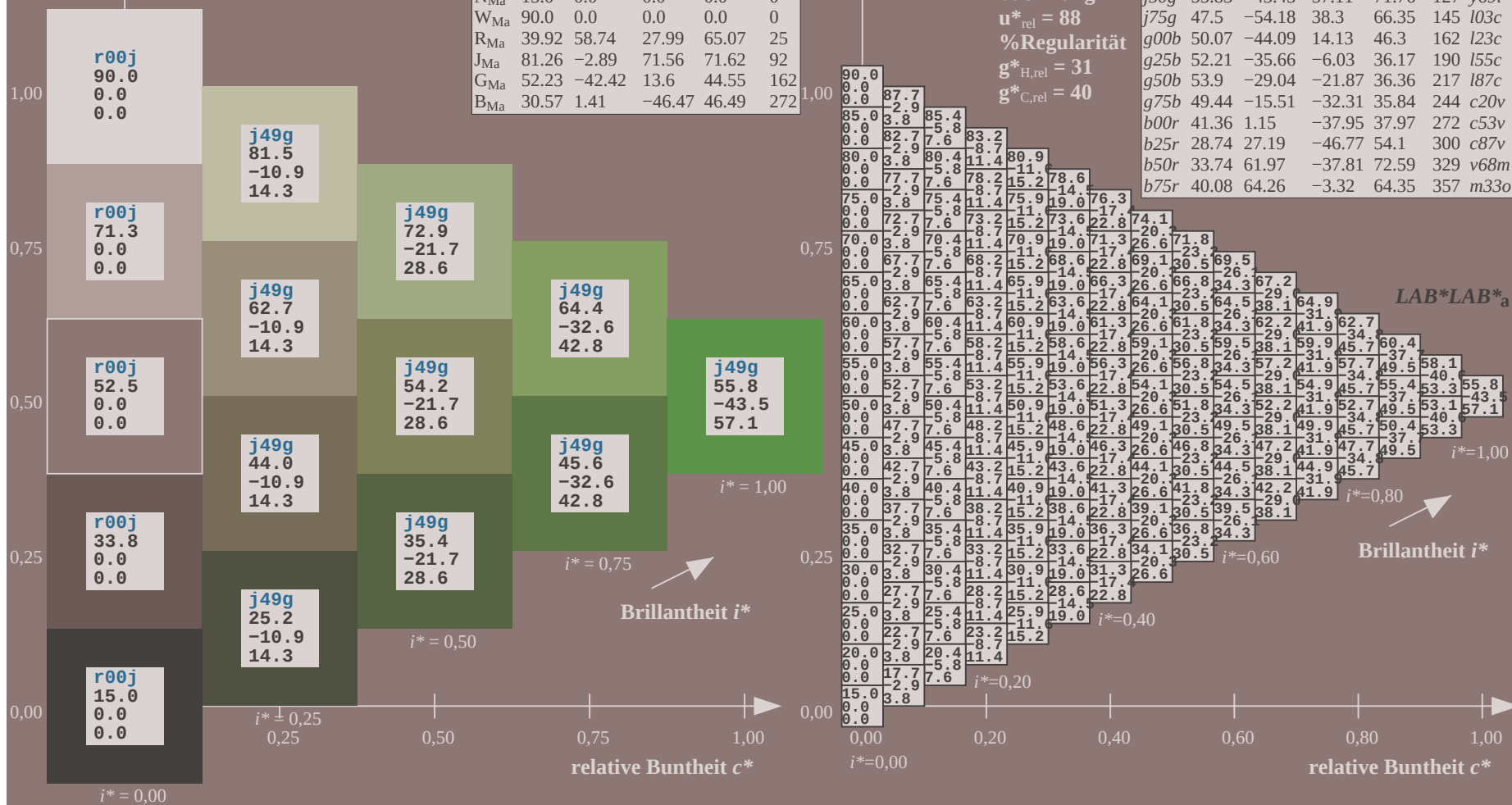
$g^*_{C,\text{rel}} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | i03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | i23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | i55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | i87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; <http://www.ps.bam.de/Eg11G00FP.PS/>.PDF  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSp=0

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

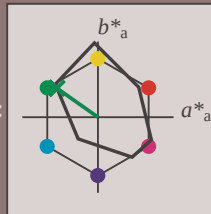
### Bunttexte:

$$u_e^* = j75g \quad u_d^* = 103c$$

### Kontrastreduzierungsfaktor:

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|--|
| $u_e^*$                            | $L^*=L_a^*$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |  |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |  |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |  |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |  |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |  |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |  |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |  |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |  |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |  |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |  |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |  |

### Daten für Maximalfarbe (Ma):

**LAB\*LAB\* $M_2$ : 48 -54 38**

LAD\*LCU\* 40 66 144

LAB'LCH\*Ma: 48 66 14

*lab\*rgb*<sub>Ma</sub>: 0.25 1.0 0.0

**lab\*olv\*<sub>Ma</sub>: 0.0 1.0 0.03**

Dreiecks-Helligkeit  $t^*$ 

1. **Business**

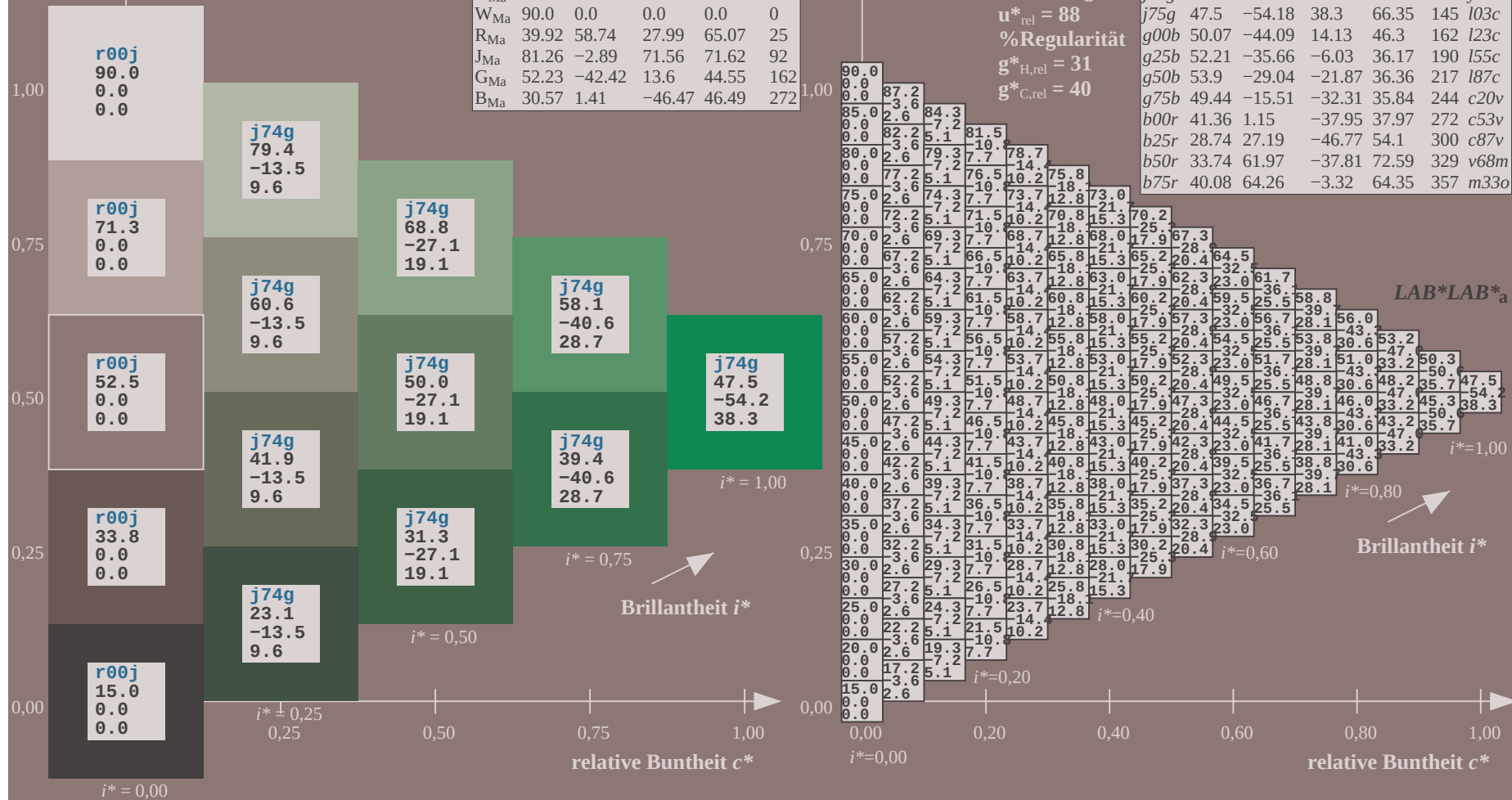
## %Umfang

$$u_{rel}^* = 88$$

%Regular

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |             |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|-------------|--|
| $u_e^*$                            | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u_d^*$     |  |
| <i>r00j</i>                        | 39.18       | 56.94   | 27.13   | 63.07        | 25           | <i>m81o</i> |  |
| <i>r25j</i>                        | 42.41       | 49.1    | 44.5    | 66.26        | 42           | <i>o10y</i> |  |
| <i>r50j</i>                        | 52.78       | 35.22   | 58.37   | 68.17        | 59           | <i>o40y</i> |  |
| <i>r75j</i>                        | 64.82       | 19.12   | 74.47   | 76.89        | 76           | <i>o69y</i> |  |
| <i>j00g</i>                        | 82.06       | -3.94   | 97.52   | 97.6         | 92           | <i>o98y</i> |  |
| <i>j25g</i>                        | 67.26       | -26.87  | 74.67   | 79.36        | 110          | <i>y34l</i> |  |
| <i>j50g</i>                        | 55.83       | -43.45  | 57.11   | 71.76        | 127          | <i>y69l</i> |  |
| <i>j75g</i>                        | 47.5        | -54.18  | 38.3    | 66.35        | 145          | <i>l03c</i> |  |
| <i>g00b</i>                        | 50.07       | -44.09  | 14.13   | 46.3         | 162          | <i>l23c</i> |  |
| <i>g25b</i>                        | 52.21       | -35.66  | -6.03   | 36.17        | 190          | <i>l55c</i> |  |
| <i>g50b</i>                        | 53.9        | -29.04  | -21.87  | 36.36        | 217          | <i>l87c</i> |  |
| <i>g75b</i>                        | 49.44       | -15.51  | -32.31  | 35.84        | 244          | <i>c20v</i> |  |
| <i>b00r</i>                        | 41.36       | 1.15    | -37.95  | 37.97        | 272          | <i>c53v</i> |  |
| <i>b25r</i>                        | 28.74       | 27.19   | -46.77  | 54.1         | 300          | <i>c87v</i> |  |
| <i>b50r</i>                        | 33.74       | 61.97   | -37.81  | 72.59        | 329          | <i>v68m</i> |  |
| <i>b75r</i>                        | 40.08       | 64.26   | -3.32   | 64.35        | 357          | <i>m33o</i> |  |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}^*/360 = 0.451$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

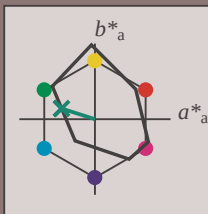
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 50 -44 14

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 50 46 162

$\text{lab}^*\text{rgb}^*_{Ma}$ : 0.0 1.0 0.0

$\text{lab}^*\text{olv}^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

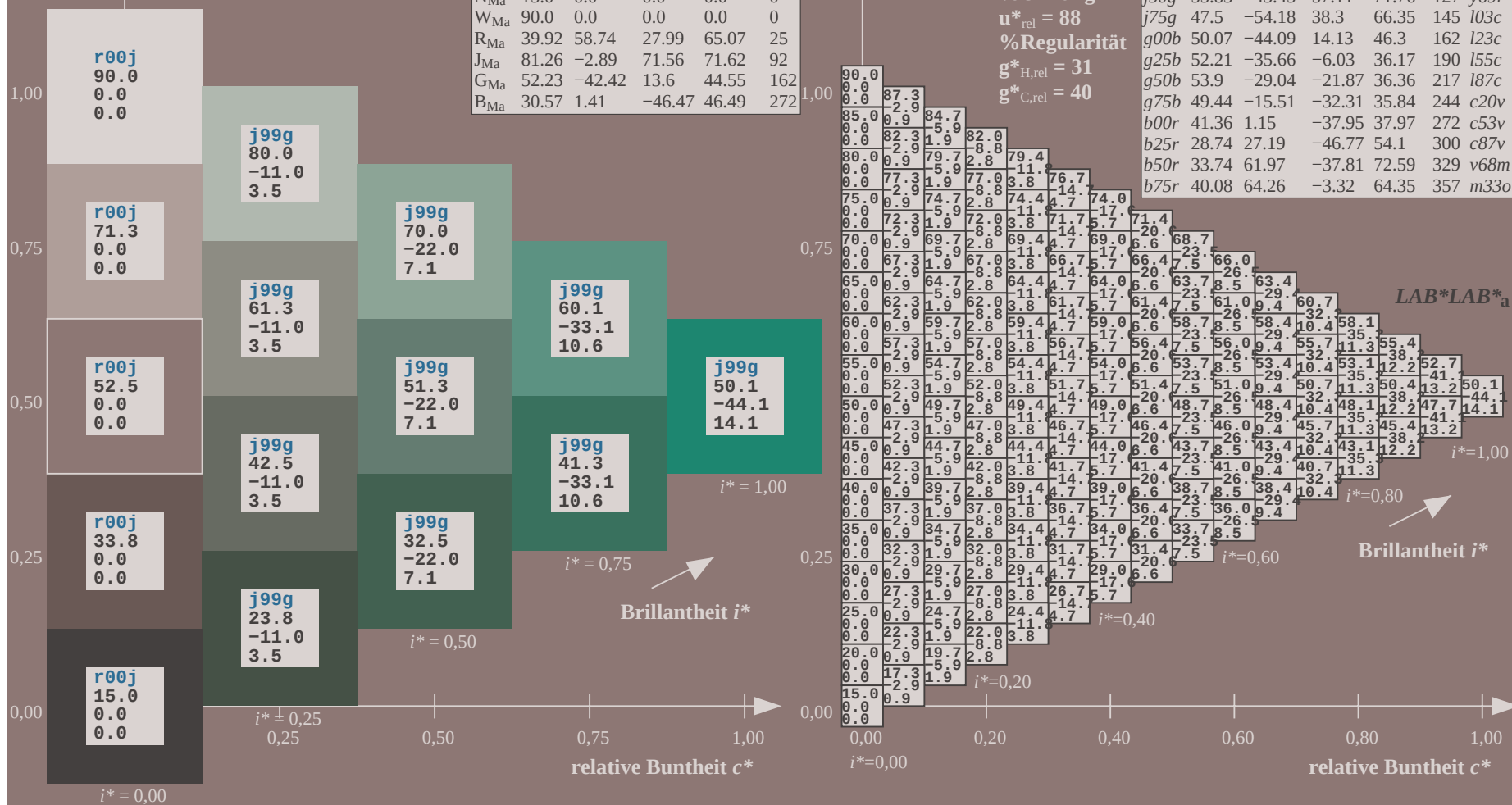
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |

$u^*_e = g00b$   
 $\text{LAB}^*\text{LAB}^*_{Ma}$



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab \cdot h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab \cdot tch^*$  und  $lab \cdot icu^*$

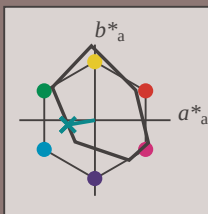
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB \cdot LAB^*_{Ma}$ : 52 -36 -6

$LAB \cdot LCH^*_{Ma}$ : 52 36 189

$lab \cdot rgb^*_{Ma}$ : 0.0 1.0 0.5

$lab \cdot olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |

$LAB \cdot LAB^*_{a}$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; <http://www.ps.bam.de/Eg11G00FP.PS/>; <http://www.ps.bam.de/Eg11G00FP.DAT>  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

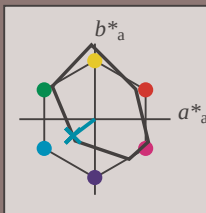
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

$lab^*rgb^*_{Ma}$ : 0.0 1.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

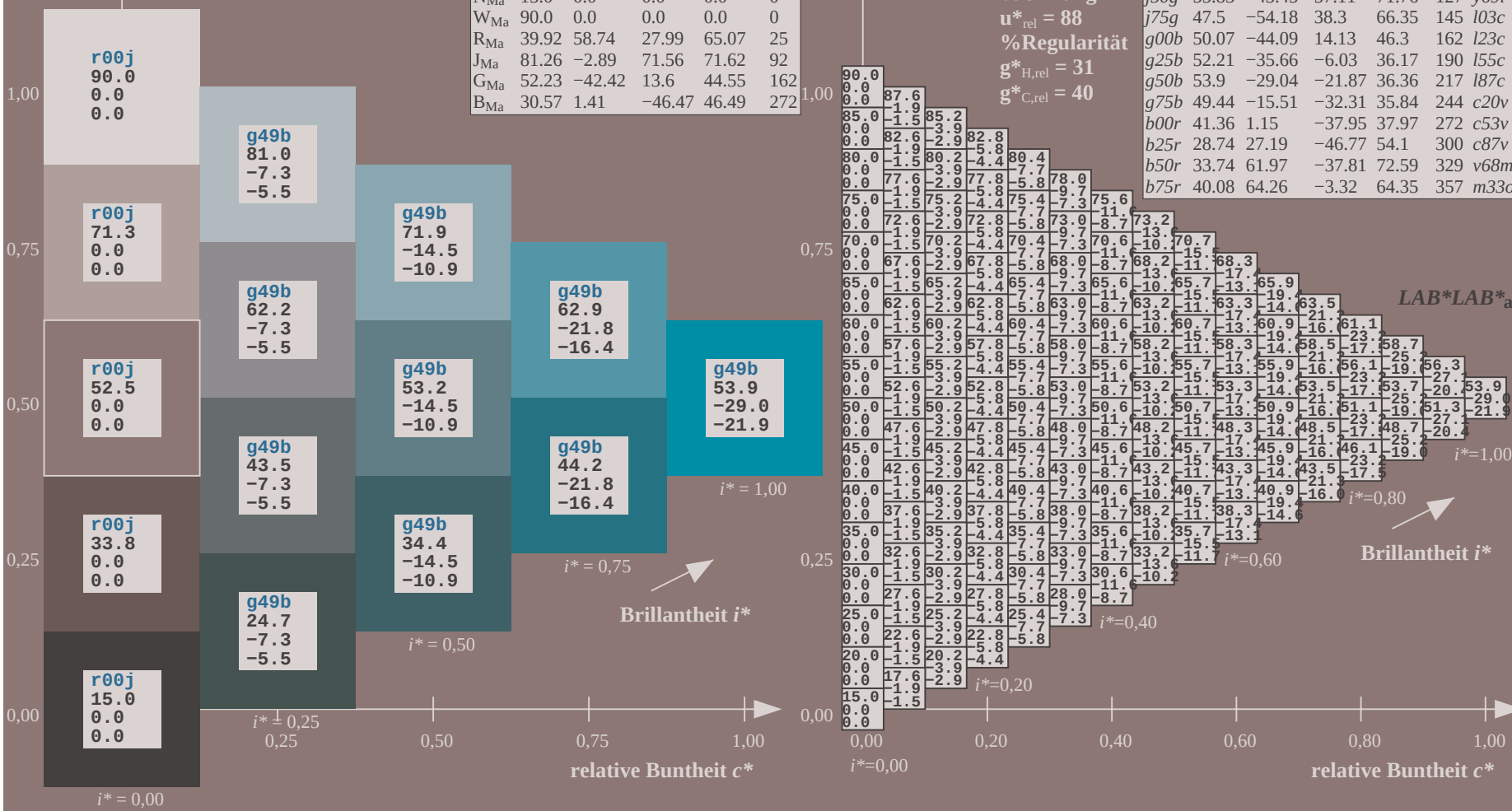
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

### Bunttexte:

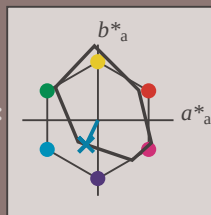
$$u^*_e = q75b \quad u^*_d = c20v$$

**Kontrastreduzierungsfaktor:**

 $c_p = 0.9$ 

### Dreiecks-Helligkeit $t^*$

**Brethren strengthen!**



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u_e^*$ | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       |         | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       |         | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub>                    | 46.95   | -56.34      |         | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub>                    | 54.62   | -26.2       |         | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub>                    | 20.01   | 45.2        |         | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub>                    | 40.88   | 70.68       |         | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub>                    | 15.0    | 0.0         |         | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                    | 90.0    | 0.0         |         | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub>                    | 39.92   | 58.74       |         | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub>                    | 81.26   | -2.89       |         | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub>                    | 52.23   | -42.42      |         | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub>                    | 30.57   | 1.41        |         | -46.47  | 46.49        | 272          |

### Daten für Maximalfarbe (Ma):

LAB\*LAB\*MO: 49 -16 -32

|           |    |    |     |
|-----------|----|----|-----|
| LaB*LaCH* | 49 | 26 | 244 |
|-----------|----|----|-----|

LAB\*LCH\*Ma: 49 36 24

*lab\*rgb*<sub>Ma</sub>: 0.0 0.5 1.0

*lab\*olv\**Ma: 0.0 0.8 1.0

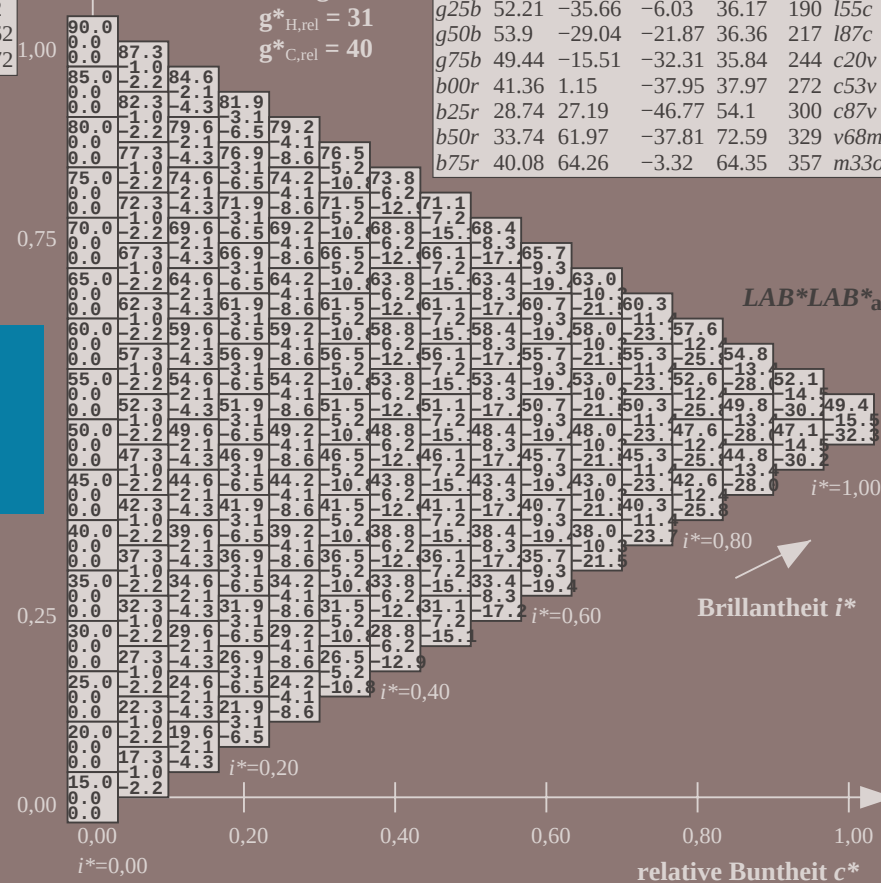
Dreiecks-Helligkeit  $t^*$ 

► **Drakens Height:**

**%Umfang**

$$\mathbf{u}_{\text{rel}}^* = 88$$

**%Regular**

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$


*LAB\*LAB\**<sub>a</sub>

$$j^* = 1.00$$

Brillantheit i\*

relative Buntheit  $c^*$ 

BAM-Prüfvorlage Eg11; Farbmimetrik-Systeme, Seite 157/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmy0\* setcmyk

BAM-Prüfvorlage Eg11; Farbmimetrik-Systeme, Seite 157/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmy0\* setcmyk

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg.HTM](http://www.ps.bam.de/Eg.HTM)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1.1, CIELAB, ColSpx=0

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

### Bunttexte:

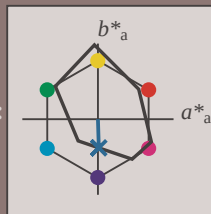
$$u^*_e = b00r \quad u^*_d = c53v$$

**Kontrastreduzierungsfaktor:**

 $c_p = 0.9$ 

### Dreiecks-Helligkeit $t^*$

► **Directs** **highlight** **the**



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|--|
| $u_e^*$                            | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |  |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |  |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |  |
| Z <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |  |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |  |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |  |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |  |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |  |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |  |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |  |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |  |

### Daten für Maximalfarbe (Ma):

LAB\*LAB\*Ms: 41 1 -38

|          |     |    |    |     |
|----------|-----|----|----|-----|
| LAB LAB  | Ma. | 41 | 1  | 50  |
| LAB*LGH* |     | 41 | 30 | 374 |

LAB\*LCH\*Ma: 41 38 2

*lab\*rgb*<sub>Ma</sub>: 0.0 0.0 1.0

*lab\*olv\**Ma: 0.0 0.47 1.0

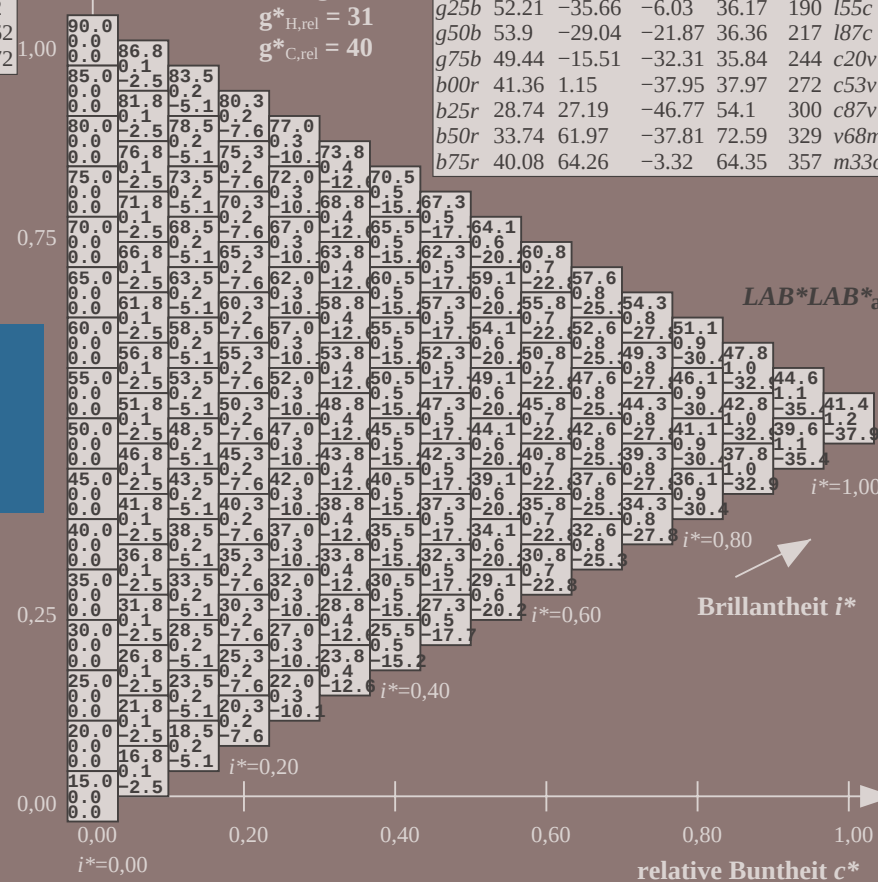
Dreiecks-Helligkeit  $t^*$ 

► **Drakens Height:**

## %Umfang

$$u_{\text{rel}}^* = 88$$

%Regular

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$


*LAB\*LAB\**

Brillantheit i\*

relative Buntheit c\*

BAM-Prüfvorlage Eg11; Farbmatrik-Systeme, Seite 158/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmY0\* setcmyk

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

-Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg.HTM](http://www.ps.bam.de/Eg.HTM)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpx=0



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

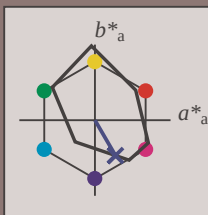
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 29 27 -47

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 29 54 300

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.5 0.0 1.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

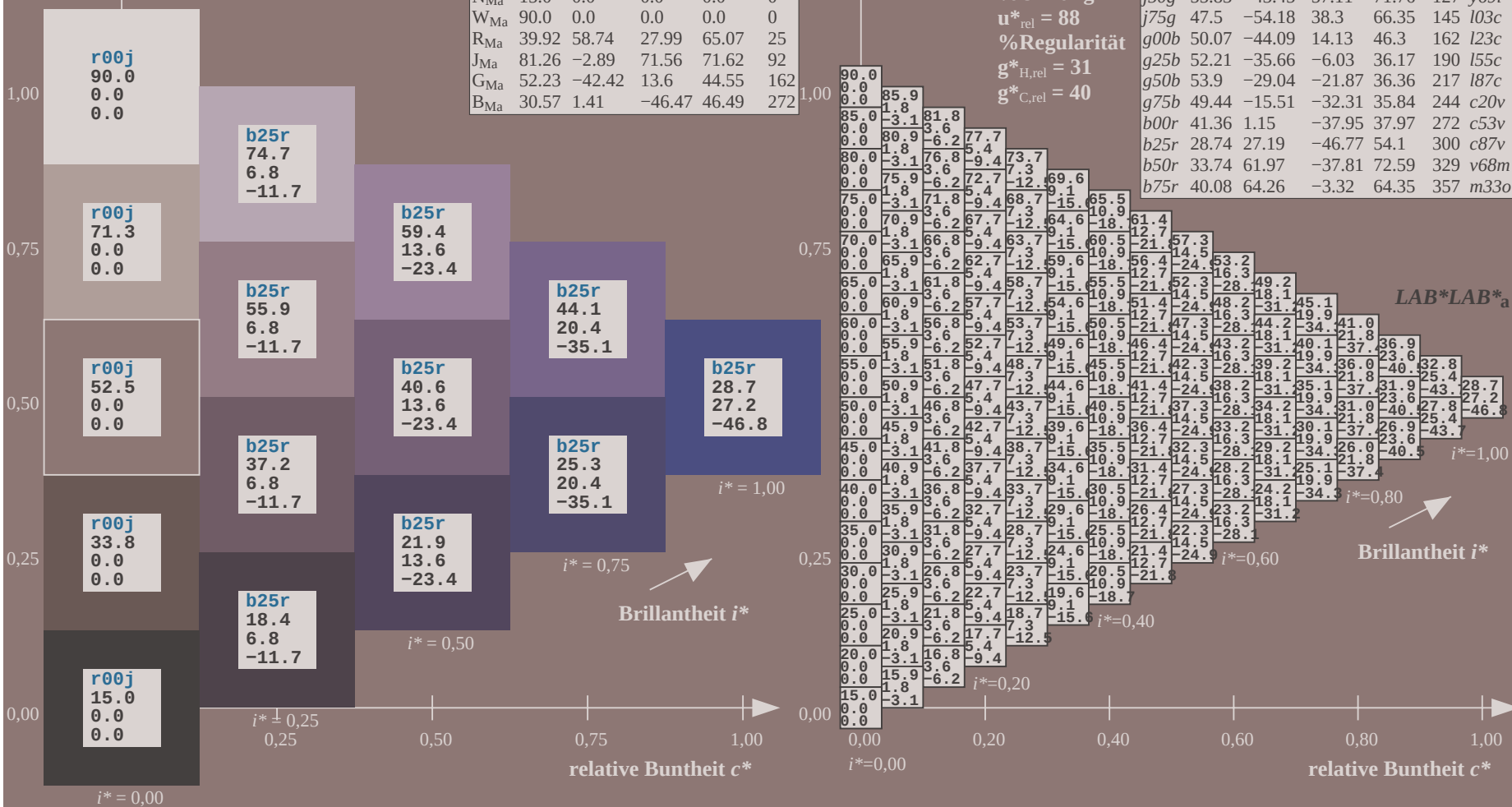
$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

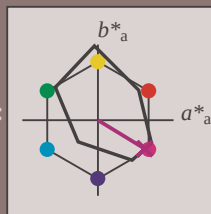
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 34 62 -38

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 34 73 328

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 1.0 0.0 1.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 242          |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          |

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$

$i^* = 1.00$

Brillantheit  $i^*$

relative Buntheit  $c^*$

### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

### Bunttexte:

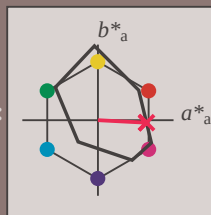
$$u^*_e = b75r \quad u^*_d = m33o$$

**Kontrastreduzierungsfaktor:**

 $c_D = 0.9$ 

### Dreiecks-Helligkeit $t^*$

► **Directs** attention



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|--|
| $u_e^*$                            | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |  |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |  |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |  |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |  |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |  |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |  |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |  |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |  |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |  |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |  |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |  |

### Daten für Maximalfarbe (Ma):

LAB\*LAB\* $M_{n,0}$ : 40 64 -3

|          |        |    |     |
|----------|--------|----|-----|
| LAB LAB  | Ma: 40 | 64 | 5   |
| LAB*LGH* | 40     | 64 | 255 |

**LAB\*LCH\*Ma: 40 64 3**

*lab\*rgb*<sub>Ma</sub>: 1.0 0.0 0.5

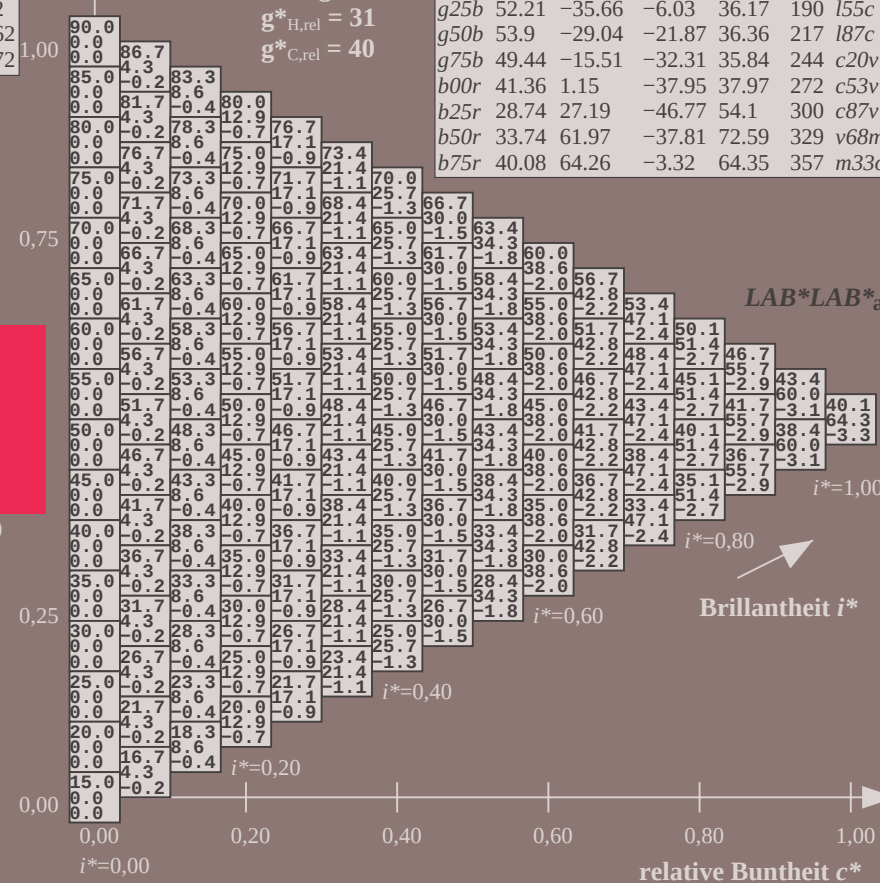
*lab\*olv\**Ma: 1.0 0.0 0.66

### Dreiecks-Helligkeit $t^*$

## %Umfang

$$\mathbf{u}_{\text{rel}}^* = 88$$

### %Regularität

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$


$u^*_e = b75r$   
 $LAB^*LAB^*$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |             |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|-------------|--|
| $u_e^*$                            | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$     |  |
| <i>r00j</i>                        | 39.18       | 56.94   | 27.13   | 63.07        | 25           | <i>m81u</i> |  |
| <i>r25j</i>                        | 42.41       | 49.1    | 44.5    | 66.26        | 42           | <i>o10y</i> |  |
| <i>r50j</i>                        | 52.78       | 35.22   | 58.37   | 68.17        | 59           | <i>o40y</i> |  |
| <i>r75j</i>                        | 64.82       | 19.12   | 74.47   | 76.89        | 76           | <i>o69y</i> |  |
| <i>j00g</i>                        | 82.06       | -3.94   | 97.52   | 97.6         | 92           | <i>o98y</i> |  |
| <i>j25g</i>                        | 67.26       | -26.87  | 74.67   | 79.36        | 110          | <i>y34l</i> |  |
| <i>j50g</i>                        | 55.83       | -43.45  | 57.11   | 71.76        | 127          | <i>y69l</i> |  |
| <i>j75g</i>                        | 47.5        | -54.18  | 38.3    | 66.35        | 145          | <i>l03c</i> |  |
| <i>g00b</i>                        | 50.07       | -44.09  | 14.13   | 46.3         | 162          | <i>l23c</i> |  |
| <i>g25b</i>                        | 52.21       | -35.66  | -6.03   | 36.17        | 190          | <i>l55c</i> |  |
| <i>g50b</i>                        | 53.9        | -29.04  | -21.87  | 36.36        | 217          | <i>l87c</i> |  |
| <i>g75b</i>                        | 49.44       | -15.51  | -32.31  | 35.84        | 244          | <i>c20v</i> |  |
| <i>b00r</i>                        | 41.36       | 1.15    | -37.95  | 37.97        | 272          | <i>c53v</i> |  |
| <i>b25r</i>                        | 28.74       | 27.19   | -46.77  | 54.1         | 300          | <i>c87v</i> |  |
| <i>b50r</i>                        | 33.74       | 61.97   | -37.81  | 72.59        | 329          | <i>v68m</i> |  |
| <i>b75r</i>                        | 40.08       | 64.26   | -3.32   | 64.35        | 357          | <i>m33c</i> |  |

*LAB\*LAB\**

## Brillantheit i\*

relative Buntheit c\*

BAM-Prüfvorlage Eg11; Farbmatrik-Systeme, Seite 161/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne *r00j* bis *b75r*    Ausgabe: ->LAB\*->cmY0\* setcmyk

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg.HTM](http://www.ps.bam.de/Eg.HTM)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpx=0

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11/L11G00FP.PS/.PDF](http://www.ps.bam.de/Eg11/L11G00FP.PS/.PDF) BAM-Material: Code=thata  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1.1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,%20io-1.1,CIELAB,ColSpx=0)

|    | A    | B    | C    | D    | E    | F    | G    | H    | I    | J    | K    | L    | M    | N    | O    | P    | Q    | R    | S    | T     | U     | V     | W     | X     | Y     | Z     | a     | b     | c     | d     | e     | f     | g     | h     | i     | j     | k     | LAB*LAB*a |       |       |
|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|-------|-------|
| 01 | 15.0 | 19.0 | 23.0 | 27.0 | 31.0 | 35.0 | 39.0 | 43.0 | 47.0 | 51.0 | 55.0 | 59.0 | 63.0 | 67.0 | 71.0 | 75.0 | 79.0 | 83.0 | 87.0 | 91.0  | 95.0  | 99.0  | 103.0 | 107.0 | 111.0 | 115.0 | 119.0 | 123.0 | 127.0 | 131.0 | 135.0 | 139.0 | 143.0 | 147.0 | 151.0 | 155.0 | 159.0 | 163.0     | 167.0 | 171.0 |
| 02 | 15.7 | 20.0 | 24.2 | 28.4 | 32.6 | 36.7 | 40.8 | 44.9 | 48.9 | 52.9 | 56.9 | 60.9 | 64.9 | 68.9 | 72.9 | 76.9 | 80.9 | 84.9 | 88.9 | 92.9  | 96.9  | 100.9 | 104.9 | 108.9 | 112.9 | 116.9 | 120.9 | 124.9 | 128.9 | 132.9 | 136.9 | 140.9 | 144.9 | 148.9 | 152.9 | 156.9 | 160.9 | 164.9     | 168.9 |       |
| 03 | 16.3 | 21.8 | 24.9 | 29.2 | 33.5 | 37.7 | 41.9 | 46.1 | 50.2 | 54.3 | 58.4 | 62.5 | 66.6 | 70.7 | 74.8 | 78.9 | 82.9 | 87.0 | 91.0 | 95.0  | 99.0  | 103.0 | 107.0 | 111.0 | 115.0 | 119.0 | 123.0 | 127.0 | 131.0 | 135.0 | 139.0 | 143.0 | 147.0 | 151.0 | 155.0 | 159.0 | 163.0 | 167.0     | 171.0 |       |
| 04 | 16.9 | 23.4 | 26.7 | 29.1 | 31.4 | 33.8 | 36.2 | 38.5 | 40.9 | 43.2 | 45.5 | 47.8 | 50.1 | 52.4 | 54.7 | 57.0 | 59.3 | 61.6 | 63.9 | 66.2  | 68.5  | 70.8  | 73.1  | 75.4  | 77.7  | 80.0  | 82.3  | 84.6  | 86.9  | 89.2  | 91.5  | 93.8  | 96.1  | 98.4  | 100.7 | 103.0 | 105.3 | 107.6     | 109.9 |       |
| 05 | 17.5 | 24.7 | 28.6 | 31.6 | 34.8 | 38.1 | 41.3 | 44.6 | 47.9 | 51.2 | 54.5 | 57.8 | 61.1 | 64.4 | 67.7 | 71.0 | 74.3 | 77.6 | 80.9 | 84.2  | 87.5  | 90.8  | 94.1  | 97.4  | 100.7 | 104.0 | 107.3 | 110.6 | 113.9 | 117.2 | 120.5 | 123.8 | 127.1 | 130.4 | 133.7 | 137.0 | 140.3 | 143.6     | 146.9 | 150.2 |
| 06 | 18.1 | 25.9 | 30.0 | 33.3 | 36.6 | 39.9 | 43.2 | 46.5 | 49.8 | 53.1 | 56.4 | 59.7 | 63.0 | 66.3 | 69.6 | 72.9 | 76.2 | 79.5 | 82.8 | 86.1  | 89.4  | 92.7  | 96.0  | 99.3  | 102.6 | 105.9 | 109.2 | 112.5 | 115.8 | 119.1 | 122.4 | 125.7 | 129.0 | 132.3 | 135.6 | 138.9 | 142.2 | 145.5     | 148.8 | 152.1 |
| 07 | 18.8 | 26.9 | 31.1 | 34.5 | 37.9 | 41.3 | 44.7 | 48.1 | 51.5 | 54.9 | 58.3 | 61.7 | 65.1 | 68.5 | 71.9 | 75.3 | 78.7 | 82.1 | 85.5 | 88.9  | 92.3  | 95.7  | 99.1  | 102.5 | 105.9 | 109.3 | 112.7 | 116.1 | 119.5 | 122.9 | 126.3 | 129.7 | 133.1 | 136.5 | 139.9 | 143.3 | 146.7 | 150.1     | 153.5 | 156.9 |
| 08 | 19.4 | 27.9 | 32.3 | 35.7 | 39.1 | 42.5 | 45.9 | 49.3 | 52.7 | 56.1 | 59.5 | 62.9 | 66.3 | 69.7 | 73.1 | 76.5 | 79.9 | 83.3 | 86.7 | 90.1  | 93.5  | 96.9  | 100.3 | 103.7 | 107.1 | 110.5 | 113.9 | 117.3 | 120.7 | 124.1 | 127.5 | 130.9 | 134.3 | 137.7 | 141.1 | 144.5 | 147.9 | 151.3     | 154.7 | 158.1 |
| 09 | 20.0 | 28.7 | 33.4 | 36.8 | 40.2 | 43.6 | 47.0 | 50.4 | 53.8 | 57.2 | 60.6 | 64.0 | 67.4 | 70.8 | 74.2 | 77.6 | 81.0 | 84.4 | 87.8 | 91.2  | 94.6  | 98.0  | 101.4 | 104.8 | 108.2 | 111.6 | 115.0 | 118.4 | 121.8 | 125.2 | 128.6 | 132.0 | 135.4 | 138.8 | 142.2 | 145.6 | 149.0 | 152.4     | 155.8 | 159.2 |
| 10 | 20.6 | 29.4 | 34.1 | 37.5 | 40.9 | 44.3 | 47.7 | 51.1 | 54.5 | 57.9 | 61.3 | 64.7 | 68.1 | 71.5 | 74.9 | 78.3 | 81.7 | 85.1 | 88.5 | 91.9  | 95.3  | 98.7  | 102.1 | 105.5 | 108.9 | 112.3 | 115.7 | 119.1 | 122.5 | 125.9 | 129.3 | 132.7 | 136.1 | 139.5 | 142.9 | 146.3 | 149.7 | 153.1     | 156.5 | 159.9 |
| 11 | 21.2 | 30.0 | 34.7 | 38.1 | 41.5 | 44.9 | 48.3 | 51.7 | 55.1 | 58.5 | 61.9 | 65.3 | 68.7 | 72.1 | 75.5 | 78.9 | 82.3 | 85.7 | 89.1 | 92.5  | 95.9  | 99.3  | 102.7 | 106.1 | 109.5 | 112.9 | 116.3 | 119.7 | 123.1 | 126.5 | 129.9 | 133.3 | 136.7 | 140.1 | 143.5 | 146.9 | 150.3 | 153.7     | 157.1 | 160.5 |
| 12 | 21.8 | 30.6 | 35.3 | 38.7 | 42.1 | 45.5 | 48.9 | 52.3 | 55.7 | 59.1 | 62.5 | 65.9 | 69.3 | 72.7 | 76.1 | 79.5 | 82.9 | 86.3 | 89.7 | 93.1  | 96.5  | 99.9  | 103.3 | 106.7 | 110.1 | 113.5 | 116.9 | 120.3 | 123.7 | 127.1 | 130.5 | 133.9 | 137.3 | 140.7 | 144.1 | 147.5 | 150.9 | 154.3     | 157.7 | 161.1 |
| 13 | 22.4 | 31.2 | 35.9 | 39.3 | 42.7 | 46.1 | 49.5 | 52.9 | 56.3 | 59.7 | 63.1 | 66.5 | 69.9 | 73.3 | 76.7 | 80.1 | 83.5 | 86.9 | 90.3 | 93.7  | 97.1  | 100.5 | 103.9 | 107.3 | 110.7 | 114.1 | 117.5 | 120.9 | 124.3 | 127.7 | 131.1 | 134.5 | 137.9 | 141.3 | 144.7 | 148.1 | 151.5 | 154.9     | 158.3 | 161.7 |
| 14 | 23.0 | 31.8 | 36.5 | 39.9 | 43.3 | 46.7 | 50.1 | 53.5 | 56.9 | 60.3 | 63.7 | 67.1 | 70.5 | 73.9 | 77.3 | 80.7 | 84.1 | 87.5 | 90.9 | 94.3  | 97.7  | 101.1 | 104.5 | 107.9 | 111.3 | 114.7 | 118.1 | 121.5 | 124.9 | 128.3 | 131.7 | 135.1 | 138.5 | 141.9 | 145.3 | 148.7 | 152.1 | 155.5     | 158.9 | 162.3 |
| 15 | 23.6 | 32.4 | 37.1 | 40.5 | 43.9 | 47.3 | 50.7 | 54.1 | 57.5 | 60.9 | 64.3 | 67.7 | 71.1 | 74.5 | 77.9 | 81.3 | 84.7 | 88.1 | 91.5 | 94.9  | 98.3  | 101.7 | 105.1 | 108.5 | 111.9 | 115.3 | 118.7 | 122.1 | 125.5 | 128.9 | 132.3 | 135.7 | 139.1 | 142.5 | 145.9 | 149.3 | 152.7 | 156.1     | 159.5 | 162.9 |
| 16 | 24.2 | 33.0 | 37.7 | 41.1 | 44.5 | 47.9 | 51.3 | 54.7 | 58.1 | 61.5 | 64.9 | 68.3 | 71.7 | 75.1 | 78.5 | 81.9 | 85.3 | 88.7 | 92.1 | 95.5  | 98.9  | 102.3 | 105.7 | 109.1 | 112.5 | 115.9 | 119.3 | 122.7 | 126.1 | 129.5 | 132.9 | 136.3 | 139.7 | 143.1 | 146.5 | 149.9 | 153.3 | 156.7     | 160.1 | 163.5 |
| 17 | 24.8 | 33.6 | 38.3 | 41.7 | 45.1 | 48.5 | 51.9 | 55.3 | 58.7 | 62.1 | 65.5 | 68.9 | 72.3 | 75.7 | 79.1 | 82.5 | 85.9 | 89.3 | 92.7 | 96.1  | 99.5  | 102.9 | 106.3 | 109.7 | 113.1 | 116.5 | 119.9 | 123.3 | 126.7 | 130.1 | 133.5 | 136.9 | 140.3 | 143.7 | 147.1 | 150.5 | 153.9 | 157.3     | 160.7 | 164.1 |
| 18 | 25.4 | 34.2 | 38.9 | 42.3 | 45.7 | 49.1 | 52.5 | 55.9 | 59.3 | 62.7 | 66.1 | 69.5 | 72.9 | 76.3 | 79.7 | 83.1 | 86.5 | 89.9 | 93.3 | 96.7  | 100.1 | 103.5 | 106.9 | 110.3 | 113.7 | 117.1 | 120.5 | 123.9 | 127.3 | 130.7 | 134.1 | 137.5 | 140.9 | 144.3 | 147.7 | 151.1 | 154.5 | 157.9     | 161.3 | 164.7 |
| 19 | 26.0 | 34.8 | 39.5 | 42.9 | 46.3 | 49.7 | 53.1 | 56.5 | 59.9 | 63.3 | 66.7 | 70.1 | 73.5 | 76.9 | 80.3 | 83.7 | 87.1 | 90.5 | 93.9 | 97.3  | 100.7 | 104.1 | 107.5 | 110.9 | 114.3 | 117.7 | 121.1 | 124.5 | 127.9 | 131.3 | 134.7 | 138.1 | 141.5 | 144.9 | 148.3 | 151.7 | 155.1 | 158.5     | 161.9 | 165.3 |
| 20 | 26.6 | 35.4 | 40.1 | 43.5 | 46.9 | 50.3 | 53.7 | 57.1 | 60.5 | 63.9 | 67.3 | 70.7 | 74.1 | 77.5 | 80.9 | 84.3 | 87.7 | 91.1 | 94.5 | 97.9  | 101.3 | 104.7 | 108.1 | 111.5 | 114.9 | 118.3 | 121.7 | 125.1 | 128.5 | 131.9 | 135.3 | 138.7 | 142.1 | 145.5 | 148.9 | 152.3 | 155.7 | 159.1     | 162.5 | 165.9 |
| 21 | 27.2 | 36.0 | 40.7 | 44.1 | 47.5 | 50.9 | 54.3 | 57.7 | 61.1 | 64.5 | 67.9 | 71.3 | 74.7 | 78.1 | 81.5 | 84.9 | 88.3 | 91.7 | 95.1 | 98.5  | 101.9 | 105.3 | 108.7 | 112.1 | 115.5 | 118.9 | 122.3 | 125.7 | 129.1 | 132.5 | 135.9 | 139.3 | 142.7 | 146.1 | 149.5 | 152.9 | 156.3 | 159.7     | 163.1 | 166.5 |
| 22 | 27.8 | 36.6 | 41.3 | 44.7 | 48.1 | 51.5 | 54.9 | 58.3 | 61.7 | 65.1 | 68.5 | 71.9 | 75.3 | 78.7 | 82.1 | 85.5 | 88.9 | 92.3 | 95.7 | 99.1  | 102.5 | 105.9 | 109.3 | 112.7 | 116.1 | 119.5 | 122.9 | 126.3 | 129.7 | 133.1 | 136.5 | 139.9 | 143.3 | 146.7 | 150.1 | 153.5 | 156.9 | 160.3     | 163.7 | 167.1 |
| 23 | 28.4 | 37.2 | 41.9 | 45.3 | 48.7 | 52.1 | 55.5 | 58.9 | 62.3 | 65.7 | 69.1 | 72.5 | 75.9 | 79.3 | 82.7 | 86.1 | 89.5 | 92.9 | 96.3 | 99.7  | 103.1 | 106.5 | 109.9 | 113.3 | 116.7 | 120.1 | 123.5 | 126.9 | 130.3 | 133.7 | 137.1 | 140.5 | 143.9 | 147.3 | 150.7 | 154.1 | 157.5 | 160.9     | 164.3 | 167.7 |
| 24 | 29.0 | 37.8 | 42.5 | 45.9 | 49.3 | 52.7 | 56.1 | 59.5 | 62.9 | 66.3 | 69.7 | 73.1 | 76.5 | 79.9 | 83.3 | 86.7 | 90.1 | 93.5 | 96.9 | 100.3 | 103.7 | 107.1 | 110.5 | 113.9 | 117.3 | 120.7 | 124.1 | 127.5 | 130.9 | 134.3 | 137.7 | 141.1 | 144.5 | 147.9 | 151.3 | 154.7 | 158.1 | 161.5     | 164.9 | 168.3 |
| 25 | 29.6 | 38.4 | 43.1 | 46.5 | 49.9 | 53.3 | 56.7 | 60.1 | 63.5 | 66.9 | 70.3 | 73.7 | 77.1 | 80.5 | 83.9 | 87.3 | 90.7 | 94.1 | 97.5 | 100.9 | 104.3 | 107.7 | 111.1 | 114.5 | 117.9 | 121.3 | 124.7 | 128.1 | 131.5 | 134.9 | 138.3 | 141.7 | 145.1 | 148.5 | 151.9 | 155.3 | 158.7 | 162.1     | 165.5 | 168.9 |
| 26 | 30.2 | 39.0 | 43.7 | 47.1 | 50.5 | 53.9 | 57.3 | 60.7 | 64.1 | 67.5 | 70.9 | 74.3 | 77.7 | 81.1 | 84.5 | 87.9 | 91.3 | 94.7 | 98.1 | 101.5 | 104.9 | 108.3 | 111.7 | 115.1 | 118.5 | 121.9 | 125.3 | 128.7 | 132.1 | 135.5 | 138.9 | 142.3 | 145.7 | 149.1 | 152.5 | 155.9 | 159.3 | 162.7     | 166.1 | 169.5 |
| 27 | 30.8 | 39.6 | 44.3 | 47.7 | 51.1 | 54.5 | 57.9 | 61.3 | 64.7 | 68.1 | 71.5 | 74.9 | 78.3 | 81.7 | 85.1 | 88.5 | 91.9 | 95.3 | 98.7 | 102.1 | 105.5 | 108.9 | 112.3 | 115.7 | 119.1 | 122.5 | 125.9 | 129.3 | 132.7 | 136.1 | 139.5 | 142.9 | 146.3 | 149.7 | 153.1 | 156.5 | 159.9 | 163.3     | 166.7 | 170.1 |

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=thata  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS15\_90a  
Daten für jede Farbe:

$u^*_e$  und Nummer Nr. = 00 .. 15

Elementar-Bunttontext:

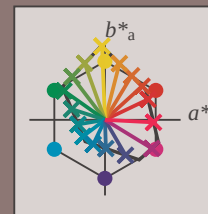
$u^*_e = 16$  Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| $r00j$  | 39.18       | 56.94   | 27.13   | 63.07        | 25           | $m81o$  |
| $r25j$  | 42.41       | 49.1    | 44.5    | 66.26        | 42           | $o10y$  |
| $r50j$  | 52.78       | 35.22   | 58.37   | 68.17        | 59           | $o40y$  |
| $r75j$  | 64.82       | 19.12   | 74.47   | 76.89        | 76           | $o69y$  |
| $j00g$  | 82.06       | -3.94   | 97.52   | 97.6         | 92           | $o98y$  |
| $j25g$  | 67.26       | -26.87  | 74.67   | 79.36        | 110          | $y34l$  |
| $j50g$  | 55.83       | -43.45  | 57.11   | 71.76        | 127          | $y69l$  |
| $j75g$  | 47.5        | -54.18  | 38.3    | 66.35        | 145          | $l03c$  |
| $g00b$  | 50.07       | -44.09  | 14.13   | 46.3         | 162          | $l23c$  |
| $g25b$  | 52.21       | -35.66  | -6.03   | 36.17        | 190          | $l55c$  |
| $g50b$  | 53.9        | -29.04  | -21.87  | 36.36        | 217          | $l87c$  |
| $g75b$  | 49.44       | -15.51  | -32.31  | 35.84        | 244          | $c20v$  |
| $b00r$  | 41.36       | 1.15    | -37.95  | 37.97        | 272          | $c53v$  |
| $b25r$  | 28.74       | 27.19   | -46.77  | 54.1         | 300          | $c87v$  |
| $b50r$  | 33.74       | 61.97   | -37.81  | 72.59        | 329          | $v68m$  |
| $b75r$  | 40.08       | 64.26   | -3.32   | 64.35        | 357          | $m33o$  |



%Umfang

$u^*_{rel} = 88$

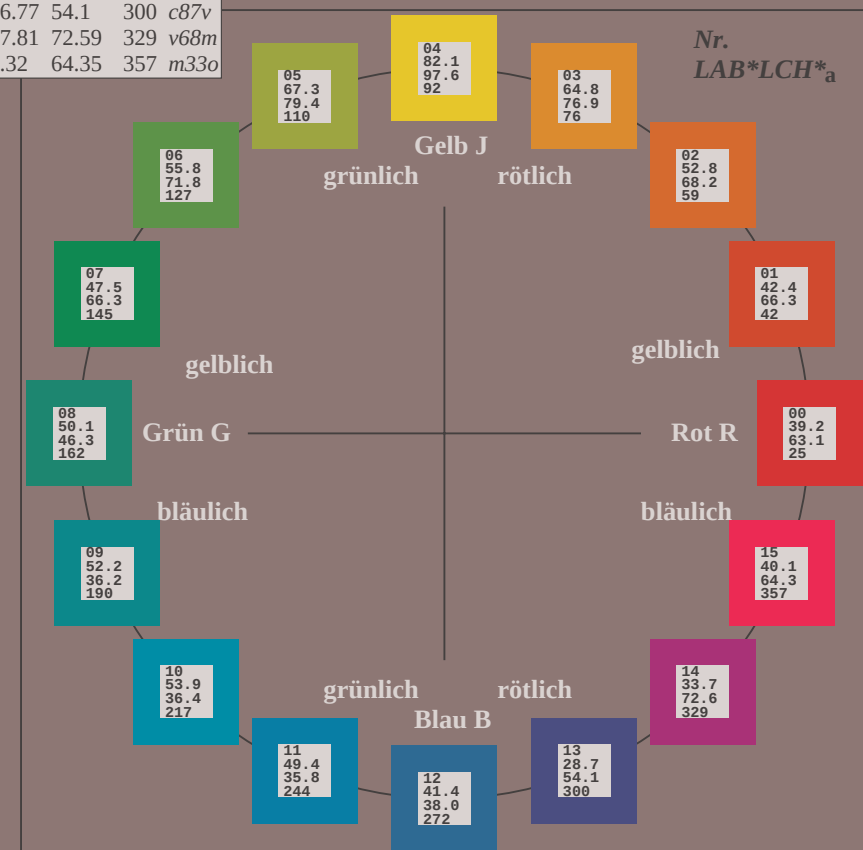
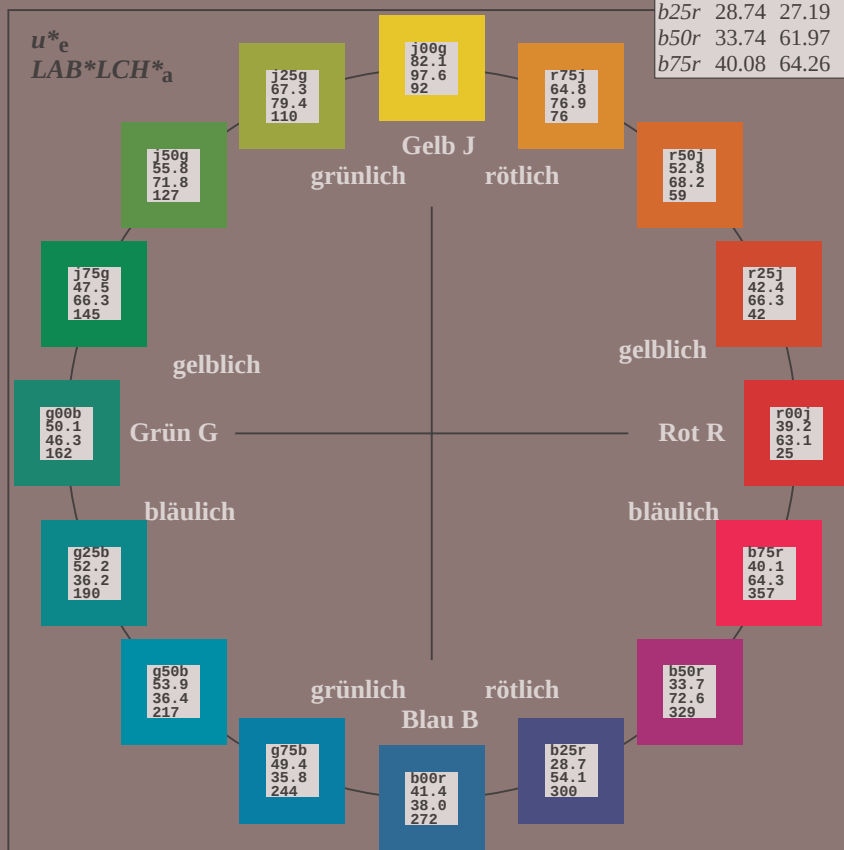
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| Name      | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_{Ma}$  | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| $Y_{Ma}$  | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| $L_{Ma}$  | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| $C_{Ma}$  | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| $V_{Ma}$  | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| $M_{Ma}$  | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| $N_{Ma}$  | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$  | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$ | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| $G_{CIE}$ | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| $B_{CIE}$ | 30.57       | 1.41    | -46.47  | 46.49        | 272          |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11/10L/L11G00FP.PS/.PDF](http://www.ps.bam.de/Eg11/10L/L11G00FP.PS/.PDF) BAM-Material: Code=rha4ta  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

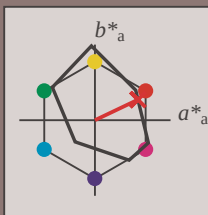
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 39 57 27

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 39 63 25

$\text{lab}^*\text{rgb}^*_{Ma}$ : 1.0 0.0 0.0

$\text{lab}^*\text{olv}^*_{Ma}$ : 1.0 0.0 0.18

Dreiecks-Helligkeit  $t^*$

%Umfang

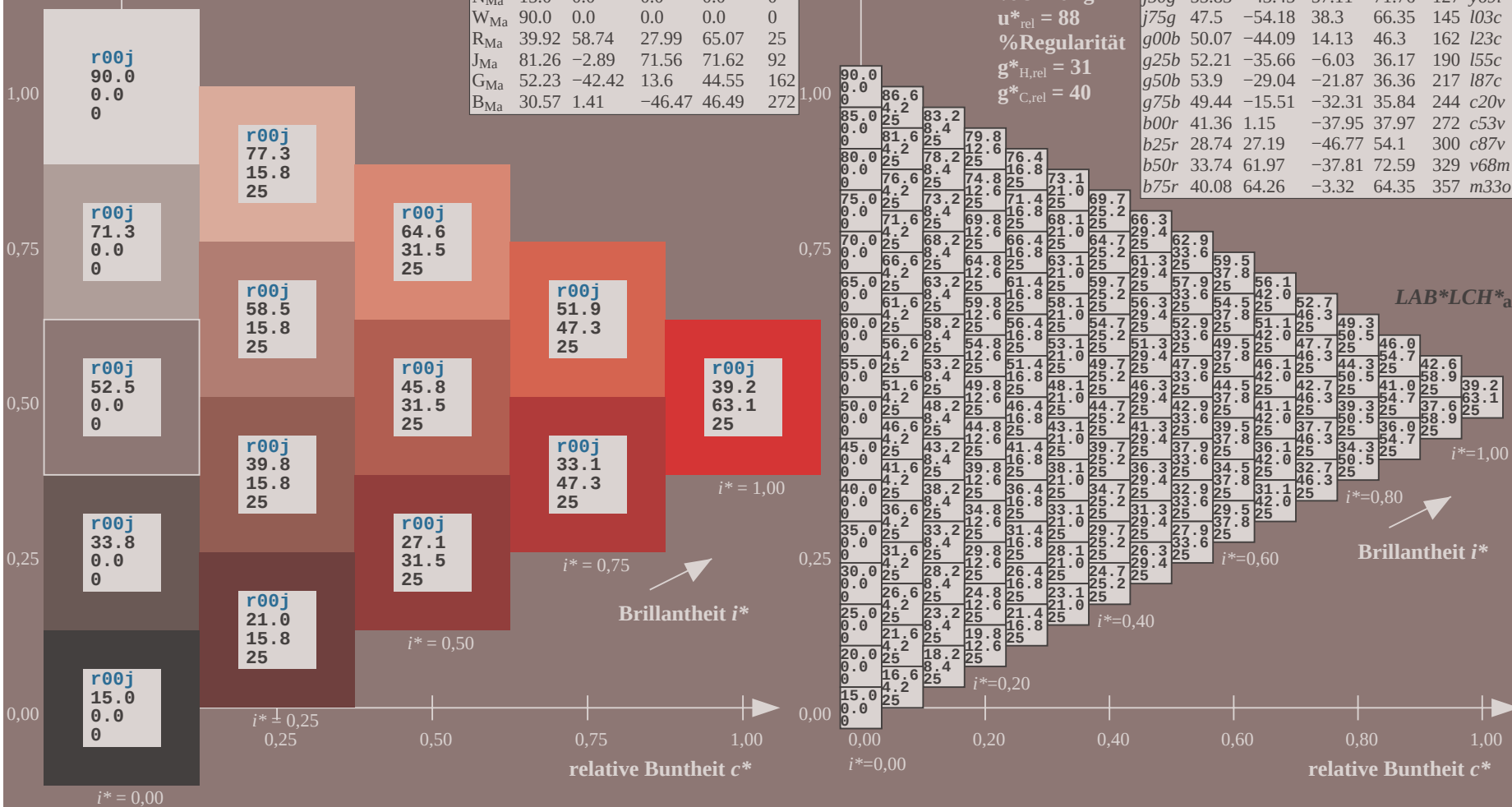
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

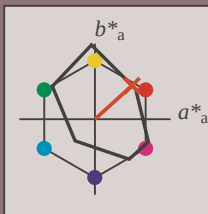
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 49 44

$LAB^*LCH^*_{Ma}$ : 42 66 42

$lab^*rgb^*_{Ma}$ : 1.0 0.25 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |

$LAB^*LCH^*_{Ma}$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

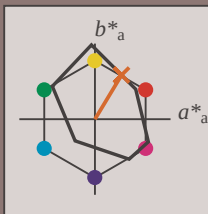
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

$lab^*rgb^*_{Ma}$ : 1.0 0.5 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |

$LAB^*LCH^*_{Ma}$

$i^* = 1.00$

Brillanzheit  $i^*$

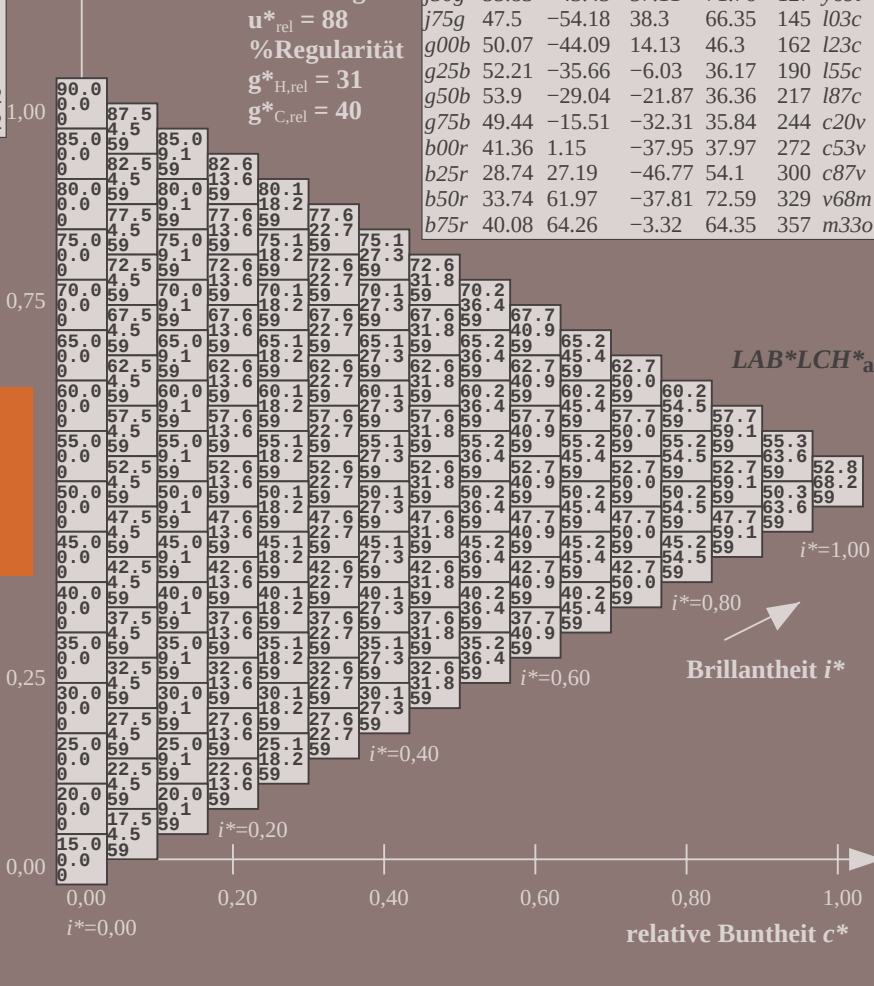
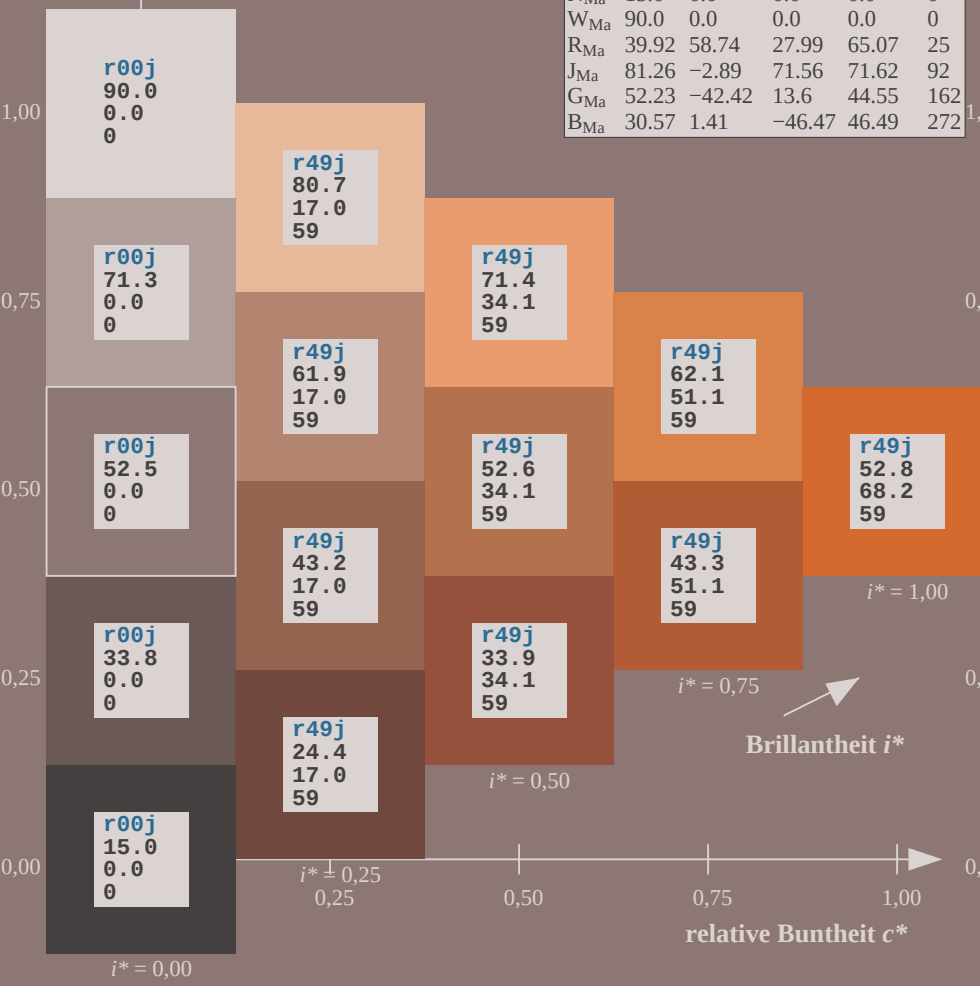
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

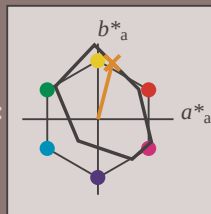
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 65 19 74

$LAB^*LCH^*_{Ma}$ : 65 77 75

$lab^*rgb^*_{Ma}$ : 1.0 0.75 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

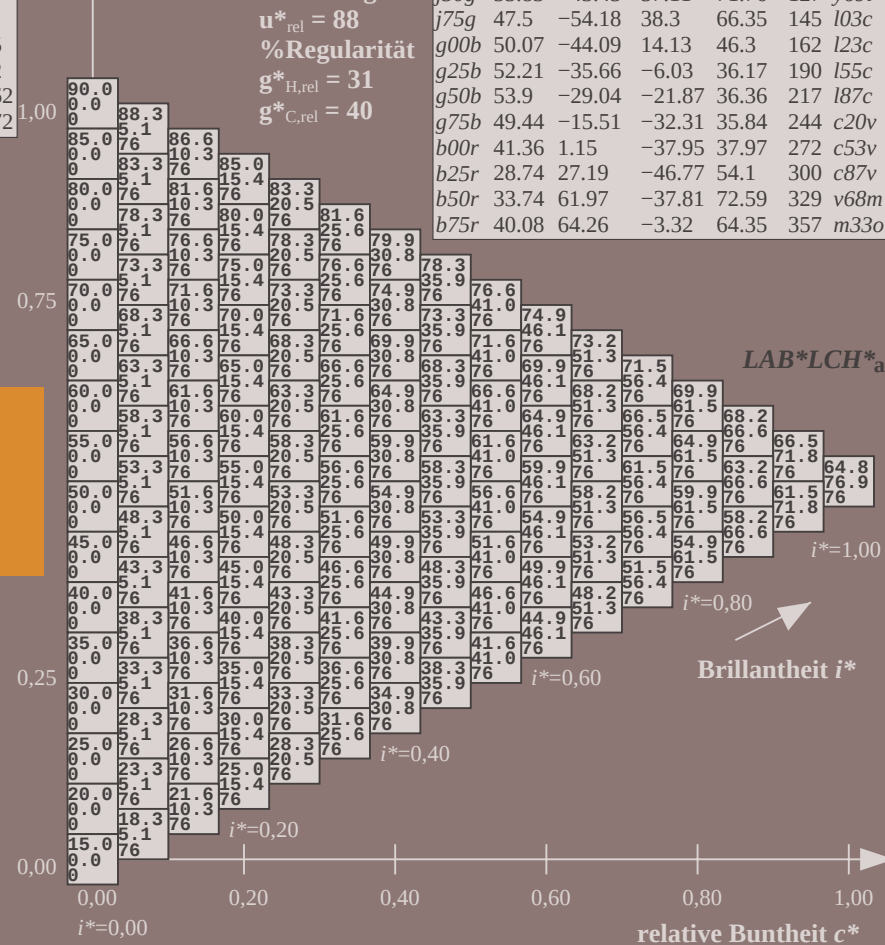
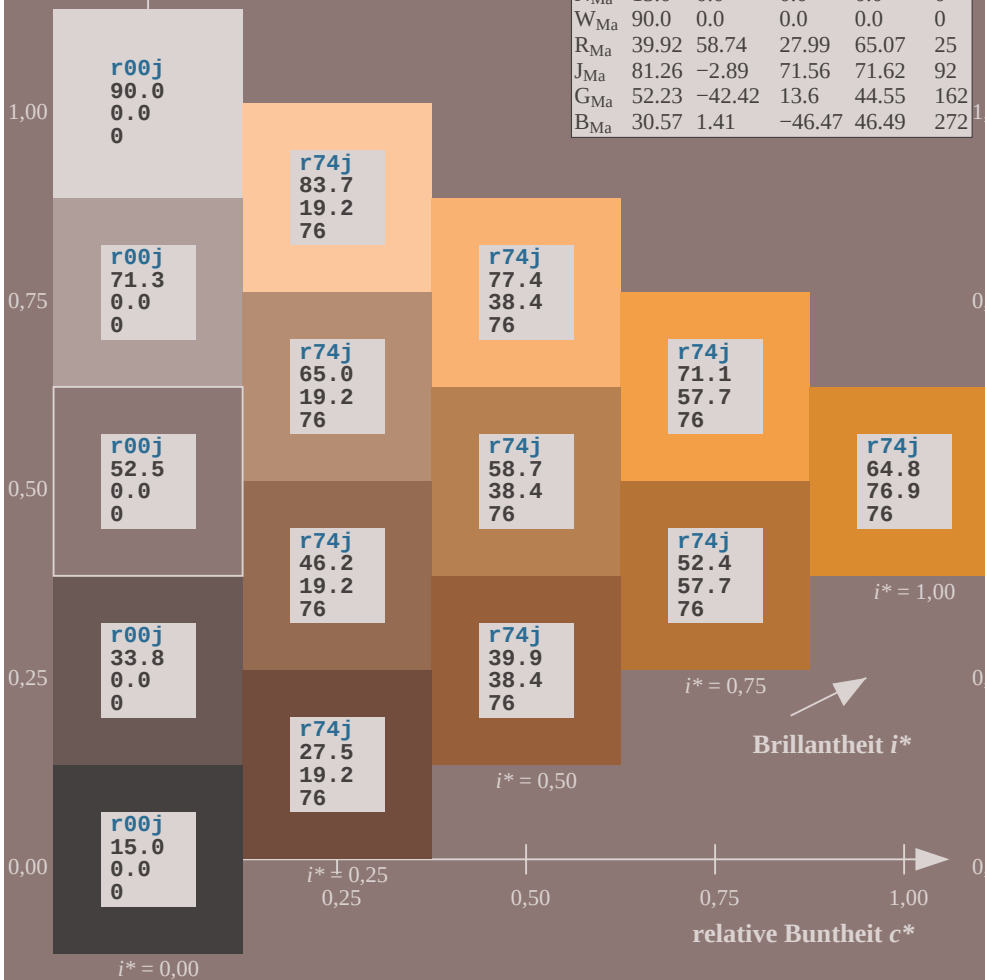
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

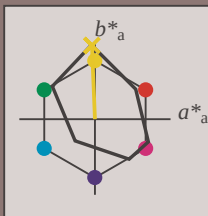
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_Ma$ : 82 -4 98

$LAB^*LCH^*_Ma$ : 82 98 92

$lab^*rgb^*_Ma$ : 1.0 1.0 0.0

$lab^*olv^*_Ma$ : 1.0 0.99 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |

$LAB^*LCH^*_a$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

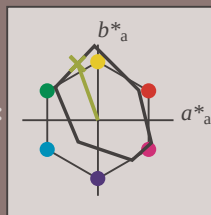
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 67 -27 75

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 67 79 109

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.75 1.0 0.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.66 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          |

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

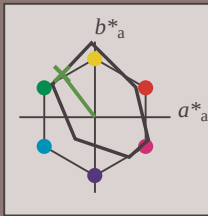
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 56 -43 57

$LAB^*LCH^*_{Ma}$ : 56 72 127

$lab^*rgb^*_{Ma}$ : 0.5 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

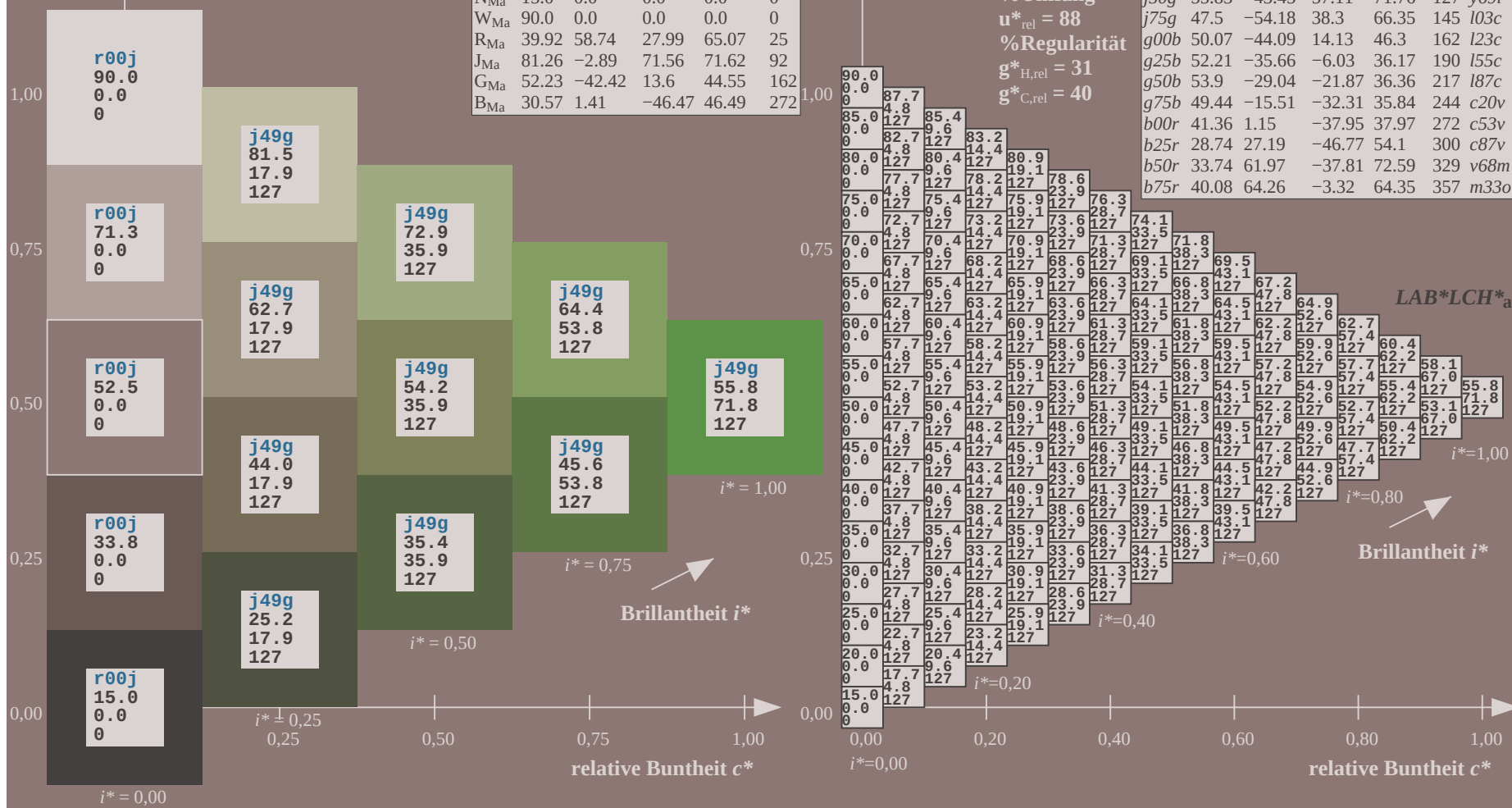
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

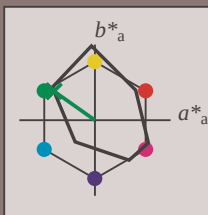
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |         |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |         |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |         |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |         |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |         |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |         |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |         |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |         |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |         |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |         |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 48 -54 38

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 48 66 144

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.25 1.0 0.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $t^*$

%Umfang

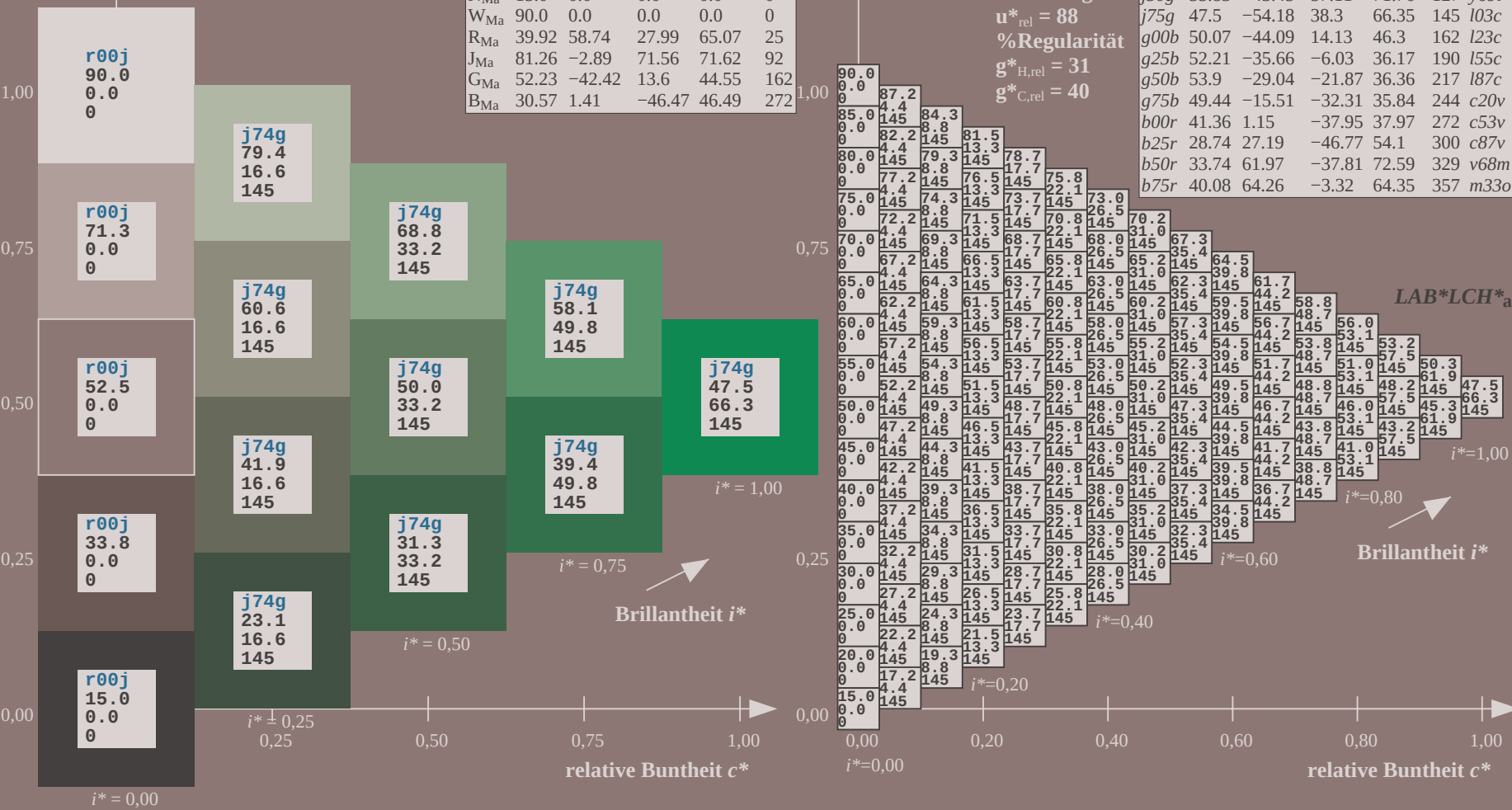
$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | i03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | i23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | i55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | i87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

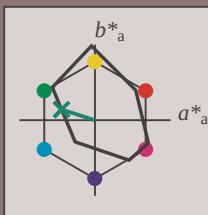
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -44 14

$LAB^*LCH^*_{Ma}$ : 50 46 162

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$LAB^*LCH^*_{a}$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

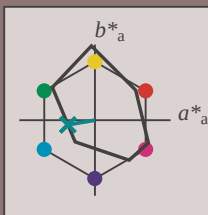
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |         |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |         |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |         |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |         |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |         |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |         |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |         |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |         |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |         |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |         |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.5

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $t^*$

%Umfang

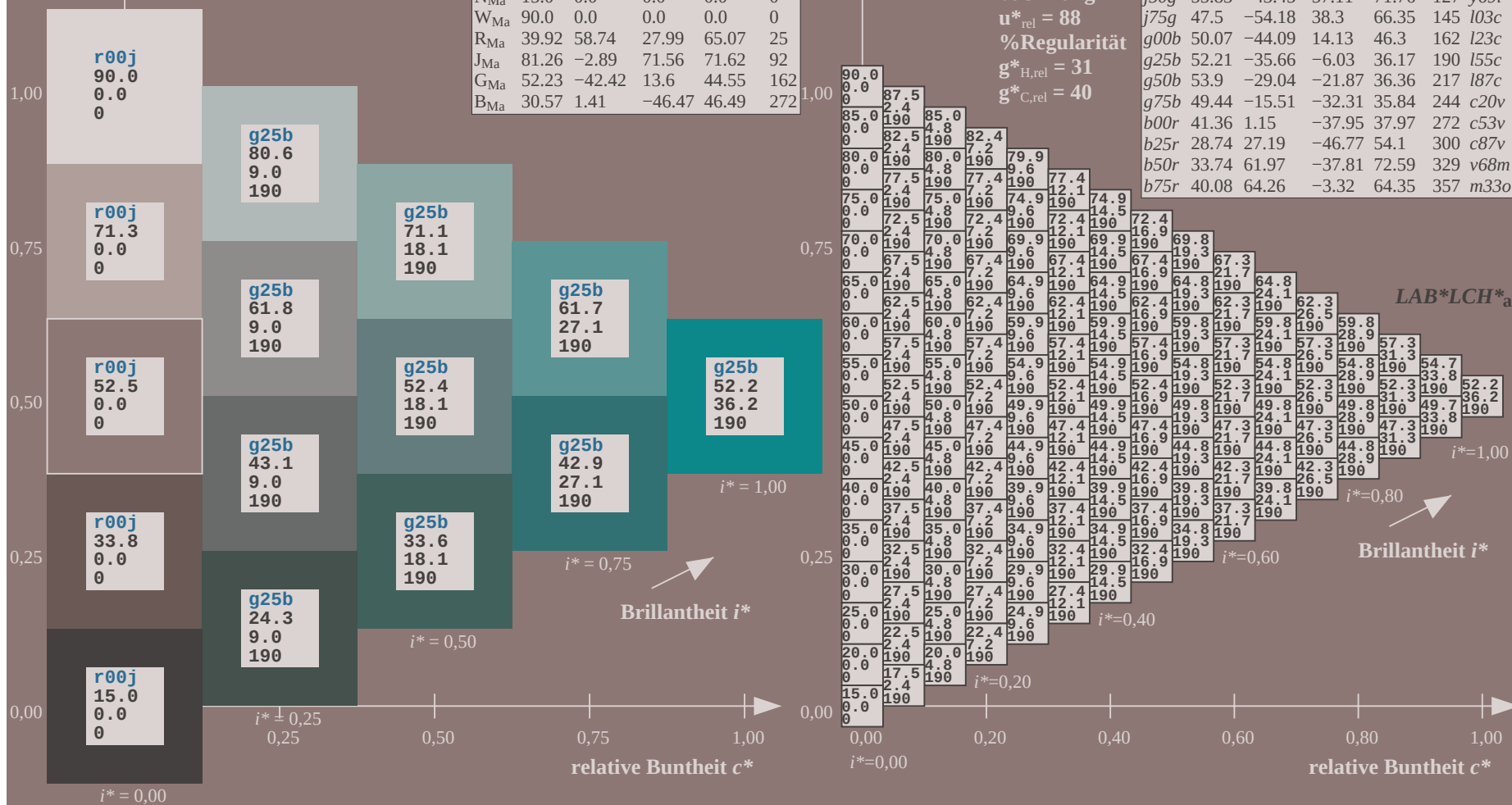
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

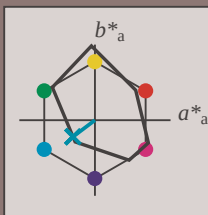
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 54 -29 -22

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 54 36 216

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.0 1.0 1.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          |

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$

$i^*=1.00$

Brillantheit  $i^*$

relative Buntheit  $c^*$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; <http://www.ps.bam.de/Eg11G00FP.PS/>; <http://www.ps.bam.de/Eg11G00FP.DAT>  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

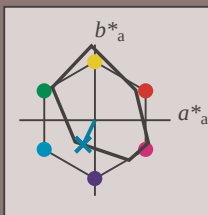
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 49 -16 -32

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 49 36 244

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.0 0.5 1.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

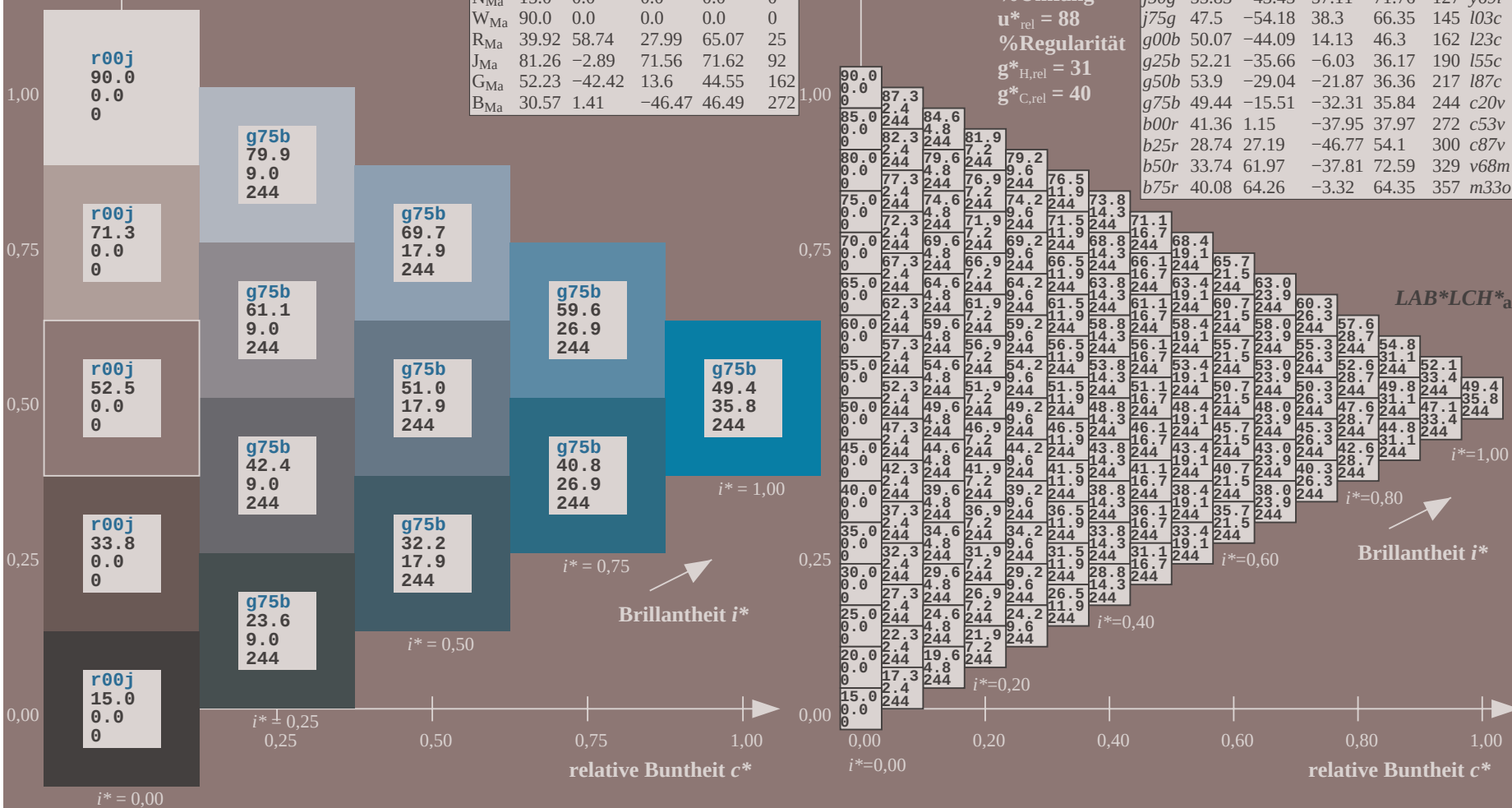
$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | i03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | i23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | i55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | i87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

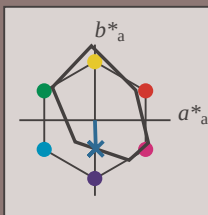
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 41 1 -38

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 41 38 271

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.0 0.0 1.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

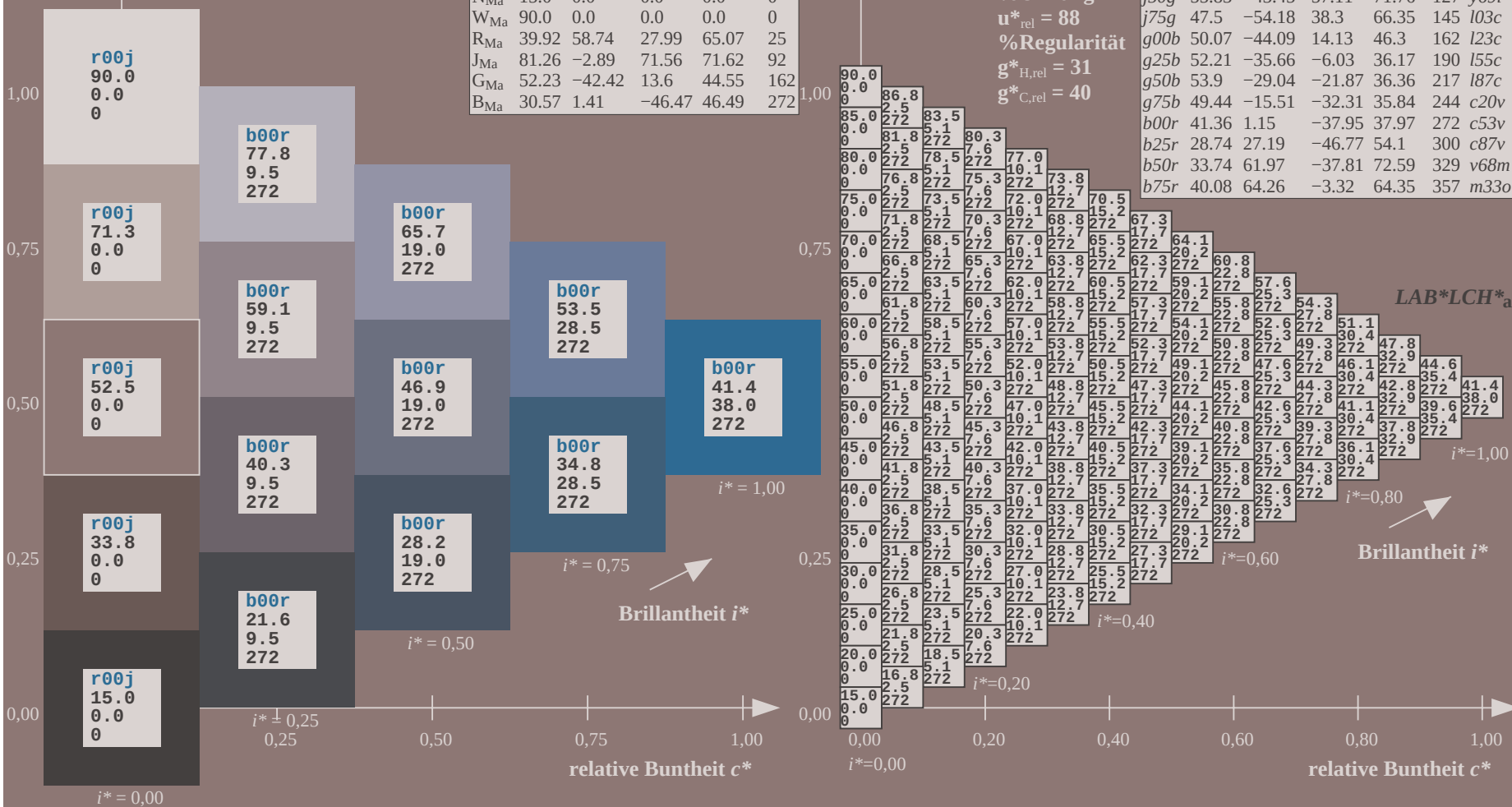
$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |





### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

## Bunttontexte:

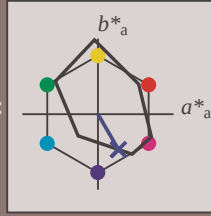
$$u^*_e = b25r \quad u^*_d = c87v$$

## Kontrastreduzierungsfaktor:

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$

100



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|--|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |  |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |  |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |  |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |  |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |  |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |  |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |  |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |  |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |  |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |  |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |  |

### Daten für Maximalfarbe (Ma):

**LAB\*LAB\* $M_2$ : 29 27 -47**

LAB\*LCH\*5:29 54 300

LAB LCH Ma: 29 34 30  
Lab LCH: 65 66 63

*lab\*rgb*\*Ma: 0.5 0.0 1.0

*lab\*olv\**Ma: 0.0 0.12 1.0

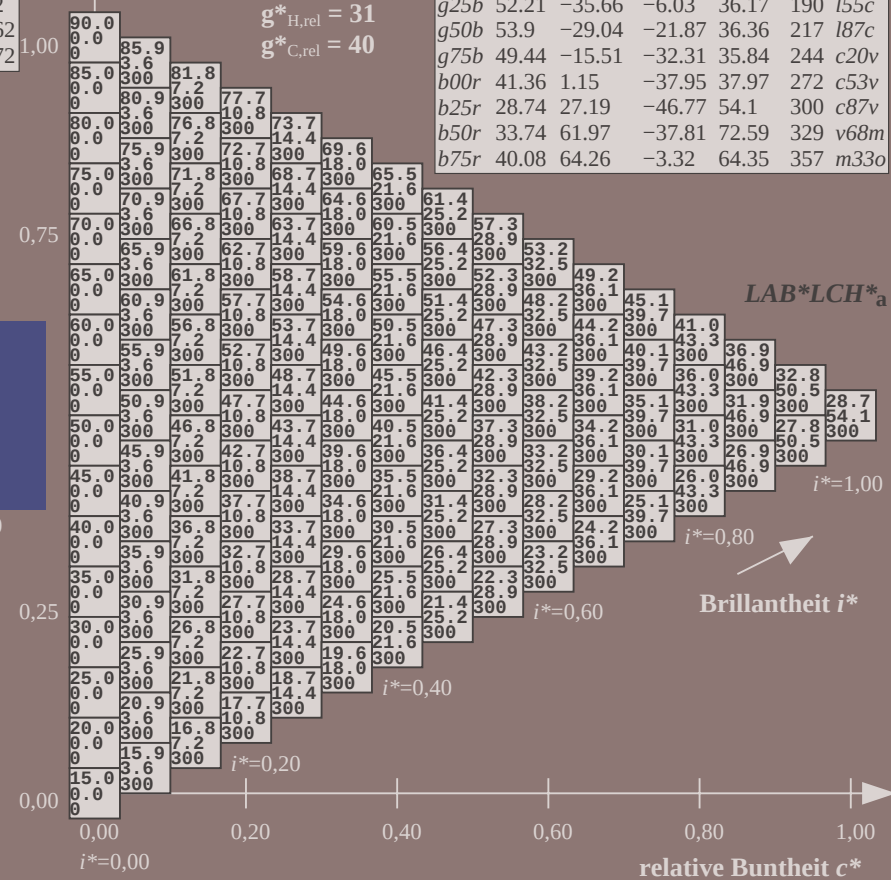
### Dreiecks-Helligkeit $t^*$

0/31

## %Umfang

$$\mathbf{u}_{\text{rel}}^* = 88$$

**%Regular**

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$

$$u_e^* = b25r$$

$$LAB^*LCH^*_a$$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |             |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|-------------|--|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$     |  |
| <i>r00j</i>                        | 39.18       | 56.94   | 27.13   | 63.07        | 25           | <i>m81o</i> |  |
| <i>r25j</i>                        | 42.41       | 49.1    | 44.5    | 66.26        | 42           | <i>o10y</i> |  |
| <i>r50j</i>                        | 52.78       | 35.22   | 58.37   | 68.17        | 59           | <i>o40y</i> |  |
| <i>r75j</i>                        | 64.82       | 19.12   | 74.47   | 76.89        | 76           | <i>o69y</i> |  |
| <i>j00g</i>                        | 82.06       | -3.94   | 97.52   | 97.6         | 92           | <i>o98y</i> |  |
| <i>j25g</i>                        | 67.26       | -26.87  | 74.67   | 79.36        | 110          | <i>y34l</i> |  |
| <i>j50g</i>                        | 55.83       | -43.45  | 57.11   | 71.76        | 127          | <i>y69l</i> |  |
| <i>j75g</i>                        | 47.5        | -54.18  | 38.3    | 66.35        | 145          | <i>l03c</i> |  |
| <i>g00b</i>                        | 50.07       | -44.09  | 14.13   | 46.3         | 162          | <i>l23c</i> |  |
| <i>g25b</i>                        | 52.21       | -35.66  | -6.03   | 36.17        | 190          | <i>l55c</i> |  |
| <i>g50b</i>                        | 53.9        | -29.04  | -21.87  | 36.36        | 217          | <i>l87c</i> |  |
| <i>g75b</i>                        | 49.44       | -15.51  | -32.31  | 35.84        | 244          | <i>c20v</i> |  |
| <i>b00r</i>                        | 41.36       | 1.15    | -37.95  | 37.97        | 272          | <i>c53v</i> |  |
| <i>b25r</i>                        | 28.74       | 27.19   | -46.77  | 54.1         | 300          | <i>c87v</i> |  |
| <i>b50r</i>                        | 33.74       | 61.97   | -37.81  | 72.59        | 329          | <i>v68m</i> |  |
| <i>b75r</i>                        | 40.08       | 64.26   | -3.32   | 64.35        | 357          | <i>m33o</i> |  |

*LAB\*LCH\*\_a*

$$i^*=1,00$$

## Brillantheit $i^*$

BAM-Prüfvorlage Eg11; Farbmimetrik-Systeme, Seite 177/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmy0\* setcmyk

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
- Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg\\_HTM](http://www.ps.bam.de/Eg_HTM)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIE LAB, ColSpx=0

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

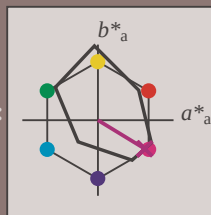
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 34 62 -38

$LAB^*LCH^*_{Ma}$ : 34 73 328

$lab^*rgb^*_{Ma}$ : 1.0 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

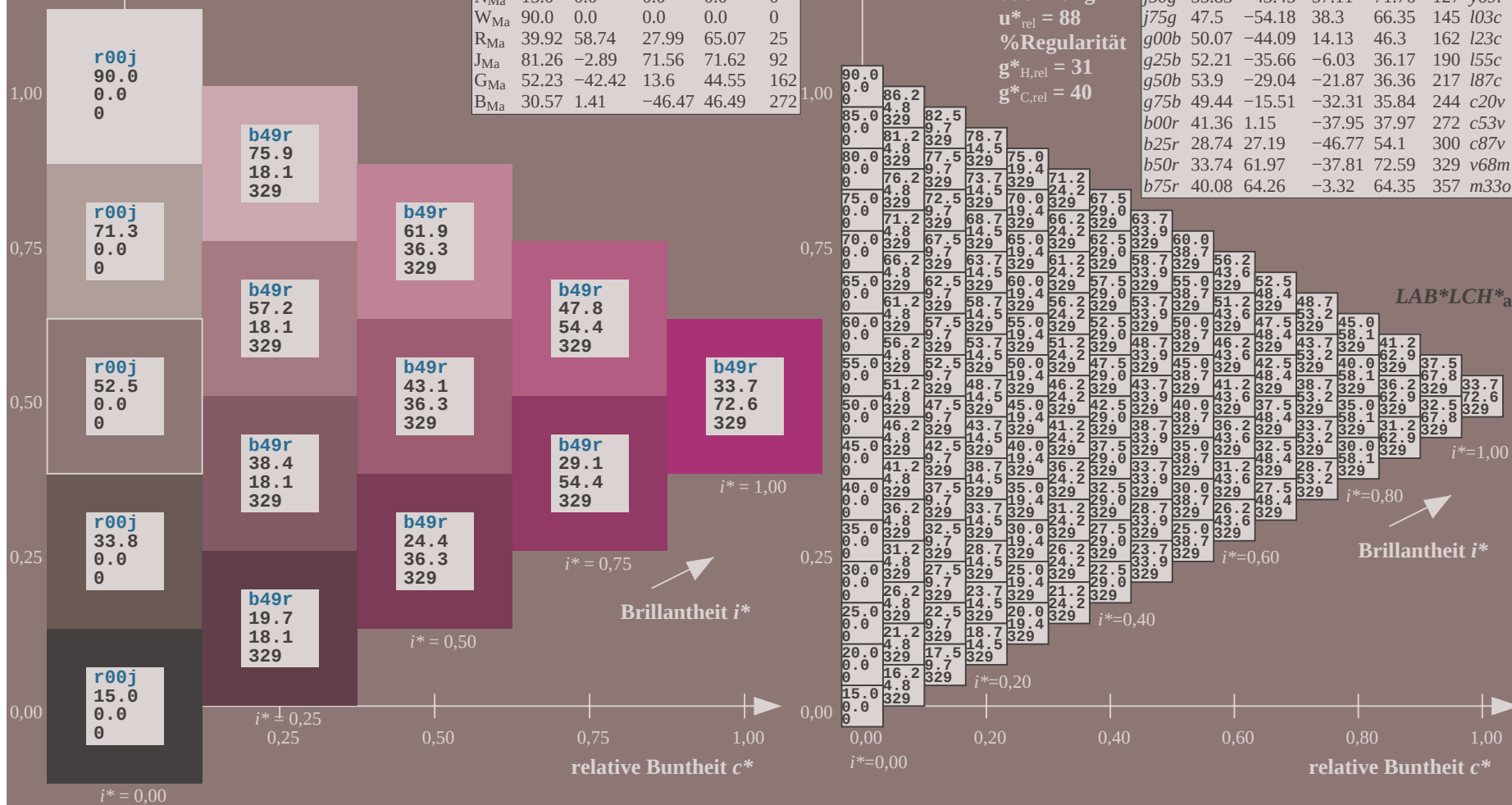
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |



### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

### Bunttexte:

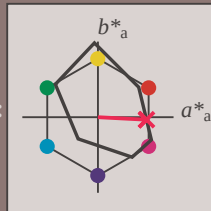
$$u^*_e = b75r \quad u^*_d = m33o$$

**Kontrastreduzierungsfaktor:**

 $c_D = 0.9$ 

### K Dreiecks-Helligkeit $t^*$

## Bricks, Hengstenberg &



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|--|
| $u_e^*$                            | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |  |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |  |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |  |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |  |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |  |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |  |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |  |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |  |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |  |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |  |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |  |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |  |

### Daten für Maximalfarbe (Ma):

 $LAB*LAB*_{Ms}: 40 \quad 64 \quad -3$ 

|          |        |    |     |
|----------|--------|----|-----|
| LAB LAB  | Ma: 40 | 64 | 5   |
| LAB*LGH* | 40     | 64 | 255 |

**LAB\*LCH\*Ma: 40 64 3**

*lab\*rgb*<sub>Ma</sub>: 1.0 0.0 0.5

*lab\*olv\**Ma: 1.0 0.0 0.66

Dreiecks-Helligkeit  $t^*$ 

## Dricks Hemlighet

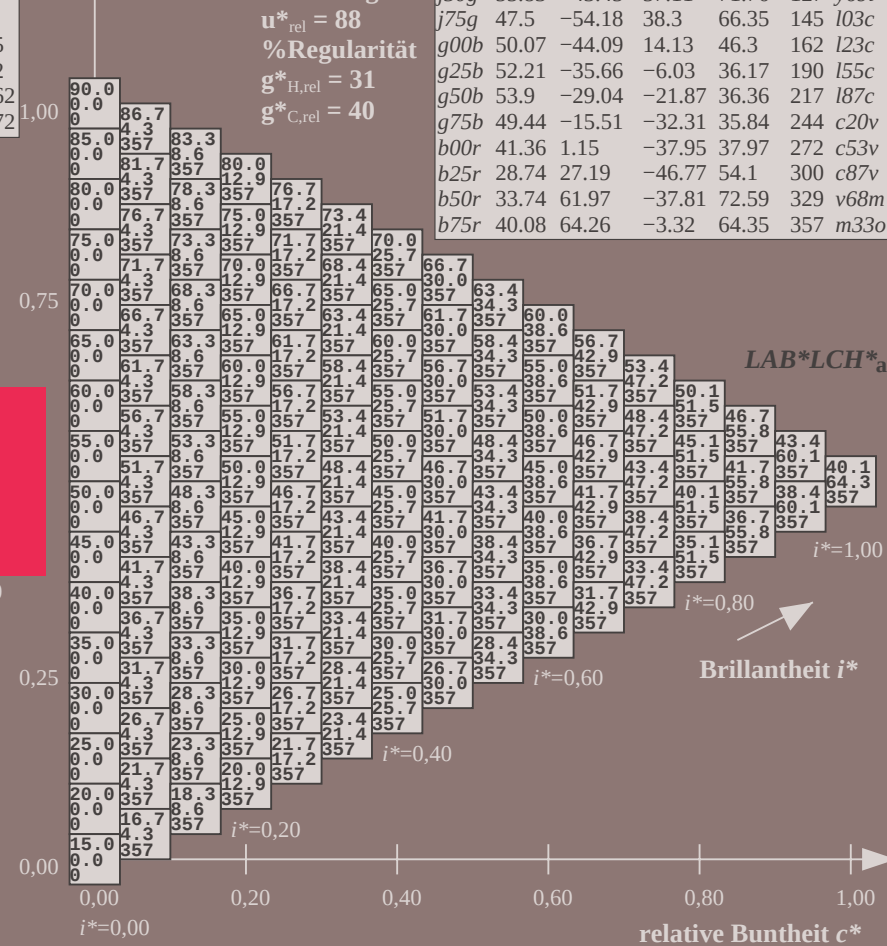
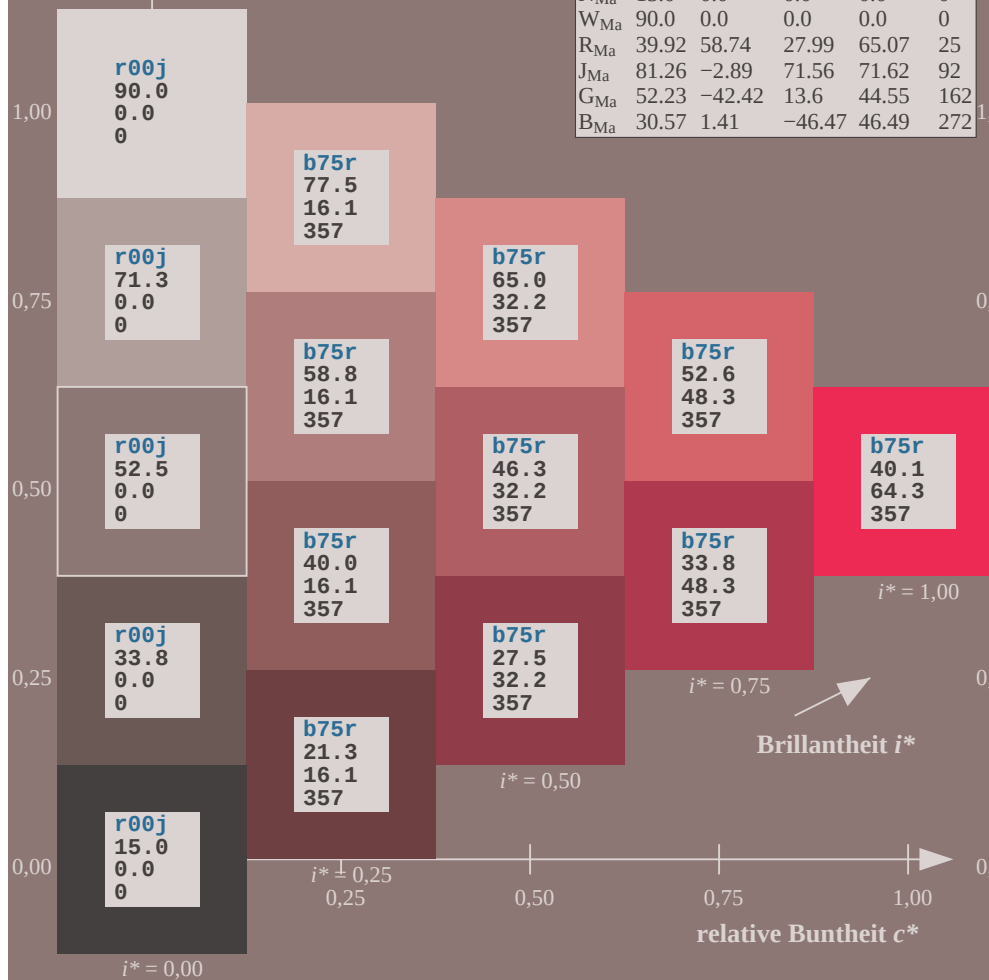
## %Umfang

$$u_{rel}^* = 88$$

**%Regular**

$$g_{\text{H,rel}}^* = 31$$
$$g^*_{C,rel} = 40$$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |             |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|-------------|--|
| $u_e^*$                            | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$     |  |
| <i>r00j</i>                        | 39.18       | 56.94   | 27.13   | 63.07        | 25           | <i>m81o</i> |  |
| <i>r25j</i>                        | 42.41       | 49.1    | 44.5    | 66.26        | 42           | <i>o10y</i> |  |
| <i>r50j</i>                        | 52.78       | 35.22   | 58.37   | 68.17        | 59           | <i>o40y</i> |  |
| <i>r75j</i>                        | 64.82       | 19.12   | 74.47   | 76.89        | 76           | <i>o69y</i> |  |
| <i>j00g</i>                        | 82.06       | -3.94   | 97.52   | 97.6         | 92           | <i>o98y</i> |  |
| <i>j25g</i>                        | 67.26       | -26.87  | 74.67   | 79.36        | 110          | <i>y34l</i> |  |
| <i>j50g</i>                        | 55.83       | -43.45  | 57.11   | 71.76        | 127          | <i>y69l</i> |  |
| <i>j75g</i>                        | 47.5        | -54.18  | 38.3    | 66.35        | 145          | <i>l03c</i> |  |
| <i>g00b</i>                        | 50.07       | -44.09  | 14.13   | 46.3         | 162          | <i>l23c</i> |  |
| <i>g25b</i>                        | 52.21       | -35.66  | -6.03   | 36.17        | 190          | <i>l55c</i> |  |
| <i>g50b</i>                        | 53.9        | -29.04  | -21.87  | 36.36        | 217          | <i>l87c</i> |  |
| <i>g75b</i>                        | 49.44       | -15.51  | -32.31  | 35.84        | 244          | <i>c20v</i> |  |
| <i>b00r</i>                        | 41.36       | 1.15    | -37.95  | 37.72        | 272          | <i>c53v</i> |  |
| <i>b25r</i>                        | 28.74       | 27.19   | -46.77  | 54.1         | 300          | <i>c87v</i> |  |
| <i>b50r</i>                        | 33.74       | 61.97   | -37.81  | 72.59        | 329          | <i>v68m</i> |  |
| <i>b75r</i>                        | 40.08       | 64.26   | -3.32   | 64.35        | 357          | <i>m33o</i> |  |





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version2.1,io=1,1,CIELAB,ColSpX=0](http://www.ps.bam.de/Version2.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: <http://www.ps.bam.de/Version2.1,io=1,1,CIELAB,ColSpX=0>

|    | A    | B    | C    | D    | E    | F    | G    | H    | I    | J    | K    | L    | M    | N    | O    | P    | Q    | R    | S    | T    | U    | V    | W     | X     | Y     | Z     | a     | b     | c     | d     | e     | f     | g     | h     | i     | j     | k     | LAB*LCH* |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      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|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----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| 01 | 15.0 | 19.0 | 23.0 | 27.0 | 31.0 | 35.0 | 39.0 | 43.0 | 47.0 | 51.0 | 55.0 | 59.0 | 63.0 | 67.0 | 71.0 | 75.0 | 79.0 | 83.0 | 87.0 | 91.0 | 95.0 | 99.0 | 103.0 | 107.0 | 111.0 | 115.0 | 119.0 | 123.0 | 127.0 | 131.0 | 135.0 | 139.0 | 143.0 | 147.0 | 151.0 | 155.0 | 159.0 | 163.0    | 167.0 | 171.0 | 175.0 | 179.0 | 183.0 | 187.0 | 191.0 | 195.0 | 199.0 | 203.0 | 207.0 | 211.0 | 215.0 | 219.0 | 223.0 | 227.0 | 231.0 | 235.0 | 239.0 | 243.0 | 247.0 | 251.0 | 255.0 | 259.0 | 263.0 | 267.0 | 271.0 | 275.0 | 279.0 | 283.0 | 287.0 | 291.0 | 295.0 | 299.0 | 303.0 | 307.0 | 311.0 | 315.0 | 319.0 | 323.0 | 327.0 | 331.0 | 335.0 | 339.0 | 343.0 | 347.0 | 351.0 | 355.0 | 359.0 | 363.0 | 367.0 | 371.0 | 375.0 | 379.0 | 383.0 | 387.0 | 391.0 | 395.0 | 399.0 | 403.0 | 407.0 | 411.0 | 415.0 | 419.0 | 423.0 | 427.0 | 431.0 | 435.0 | 439.0 | 443.0 | 447.0 | 451.0 | 455.0 | 459.0 | 463.0 | 467.0 | 471.0 | 475.0 | 479.0 | 483.0 | 487.0 | 491.0 | 495.0 | 499.0 | 503.0 | 507.0 | 511.0 | 515.0 | 519.0 | 523.0 | 527.0 | 531.0 | 535.0 | 539.0 | 543.0 | 547.0 | 551.0 | 555.0 | 559.0 | 563.0 | 567.0 | 571.0 | 575.0 | 579.0 | 583.0 | 587.0 | 591.0 | 595.0 | 599.0 | 603.0 | 607.0 | 611.0 | 615.0 | 619.0 | 623.0 | 627.0 | 631.0 | 635.0 | 639.0 | 643.0 | 647.0 | 651.0 | 655.0 | 659.0 | 663.0 | 667.0 | 671.0 | 675.0 | 679.0 | 683.0 | 687.0 | 691.0 | 695.0 | 699.0 | 703.0 | 707.0 | 711.0 | 715.0 | 719.0 | 723.0 | 727.0 | 731.0 | 735.0 | 739.0 | 743.0 | 747.0 | 751.0 | 755.0 | 759.0 | 763.0 | 767.0 | 771.0 | 775.0 | 779.0 | 783.0 | 787.0 | 791.0 | 795.0 | 799.0 | 803.0 | 807.0 | 811.0 | 815.0 | 819.0 | 823.0 | 827.0 | 831.0 | 835.0 | 839.0 | 843.0 | 847.0 | 851.0 | 855.0 | 859.0 | 863.0 | 867.0 | 871.0 | 875.0 | 879.0 | 883.0 | 887.0 | 891.0 | 895.0 | 899.0 | 903.0 | 907.0 | 911.0 | 915.0 | 919.0 | 923.0 | 927.0 | 931.0 | 935.0 | 939.0 | 943.0 | 947.0 | 951.0 | 955.0 | 959.0 | 963.0 | 967.0 | 971.0 | 975.0 | 979.0 | 983.0 | 987.0 | 991.0 | 995.0 | 999.0 | 1003.0 | 1007.0 | 1011.0 | 1015.0 | 1019.0 | 1023.0 | 1027.0 | 1031.0 | 1035.0 | 1039.0 | 1043.0 | 1047.0 | 1051.0 | 1055.0 | 1059.0 | 1063.0 | 1067.0 | 1071.0 | 1075.0 | 1079.0 | 1083.0 | 1087.0 | 1091.0 | 1095.0 | 1099.0 | 1103.0 | 1107.0 | 1111.0 | 1115.0 | 1119.0 | 1123.0 | 1127.0 | 1131.0 | 1135.0 | 1139.0 | 1143.0 | 1147.0 | 1151.0 | 1155.0 | 1159.0 | 1163.0 | 1167.0 | 1171.0 | 1175.0 | 1179.0 | 1183.0 | 1187.0 | 1191.0 | 1195.0 | 1199.0 | 1203.0 | 1207.0 | 1211.0 | 1215.0 | 1219.0 | 1223.0 | 1227.0 | 1231.0 | 1235.0 | 1239.0 | 1243.0 | 1247.0 | 1251.0 | 1255.0 | 1259.0 | 1263.0 | 1267.0 | 1271.0 | 1275.0 | 1279.0 | 1283.0 | 1287.0 | 1291.0 | 1295.0 | 1299.0 | 1303.0 | 1307.0 | 1311.0 | 1315.0 | 1319.0 | 1323.0 | 1327.0 | 1331.0 | 1335.0 | 1339.0 | 1343.0 | 1347.0 | 1351.0 | 1355.0 | 1359.0 | 1363.0 | 1367.0 | 1371.0 | 1375.0 | 1379.0 | 1383.0 | 1387.0 | 1391.0 | 1395.0 | 1399.0 | 1403.0 | 1407.0 | 1411.0 | 1415.0 | 1419.0 | 1423.0 | 1427.0 | 1431.0 | 1435.0 | 1439.0 | 1443.0 | 1447.0 | 1451.0 | 1455.0 | 1459.0 | 1463.0 | 1467.0 | 1471.0 | 1475.0 | 1479.0 | 1483.0 | 1487.0 | 1491.0 | 1495.0 | 1499.0 | 1503.0 | 1507.0 | 1511.0 | 1515.0 | 1519.0 | 1523.0 | 1527.0 | 1531.0 | 1535.0 | 1539.0 | 1543.0 | 1547.0 | 1551.0 | 1555.0 | 1559.0 | 1563.0 | 1567.0 | 1571.0 | 1575.0 | 1579.0 | 1583.0 | 1587.0 | 1591.0 | 1595.0 | 1599.0 | 1603.0 | 1607.0 | 1611.0 | 1615.0 | 1619.0 | 1623.0 | 1627.0 | 1631.0 | 1635.0 | 1639.0 | 1643.0 | 1647.0 | 1651.0 | 1655.0 | 1659.0 | 1663.0 | 1667.0 | 1671.0 | 1675.0 | 1679.0 | 1683.0 | 1687.0 | 1691.0 | 1695.0 | 1699.0 | 1703.0 | 1707.0 | 1711.0 | 1715.0 | 1719.0 | 1723.0 | 1727.0 | 1731.0 | 1735.0 | 1739.0 | 1743.0 | 1747.0 | 1751.0 | 1755.0 | 1759.0 | 1763.0 | 1767.0 | 1771.0 | 1775.0 | 1779.0 | 1783.0 | 1787.0 | 1791.0 | 1795.0 | 1799.0 | 1803.0 | 1807.0 | 1811.0 | 1815.0 | 1819.0 | 1823.0 | 1827.0 | 1831.0 | 1835.0 | 1839.0 | 1843.0 | 1847.0 | 1851.0 | 1855.0 | 1859.0 | 1863.0 | 1867.0 | 1871.0 | 1875.0 | 1879.0 | 1883.0 | 1887.0 | 1891.0 | 1895.0 | 1899.0 | 1903.0 | 1907.0 | 1911.0 | 1915.0 | 1919.0 | 1923.0 | 1927.0 | 1931.0 | 1935.0 | 1939.0 | 1943.0 | 1947.0 | 1951.0 | 1955.0 | 1959.0 | 1963.0 | 1967.0 | 1971.0 | 1975.0 | 1979.0 | 1983.0 | 1987.0 | 1991.0 | 1995.0 | 1999.0 | 2003.0 | 2007.0 | 2011.0 | 2015.0 | 2019.0 | 2023.0 | 2027.0 | 2031.0 | 2035.0 | 2039.0 | 2043.0 | 2047.0 | 2051.0 | 2055.0 | 2059.0 | 2063.0 | 2067.0 | 2071.0 | 2075.0 | 2079.0 | 2083.0 | 2087.0 | 2091.0 | 2095.0 | 2099.0 | 2103.0 | 2107.0 | 2111.0 | 2115.0 | 2119.0 | 2123.0 | 2127.0 | 2131.0 | 2135.0 | 2139.0 | 2143.0 | 2147.0 | 2151.0 | 2155.0 | 2159.0 | 2163.0 | 2167.0 | 2171.0 | 2175.0 | 2179.0 | 2183.0 | 2187.0 | 2191.0 | 2195.0 | 2199.0 | 2203.0 | 2207.0 | 2211.0 | 2215.0 | 2219.0 | 2223.0 | 2227.0 | 2231.0 | 2235.0 | 2239.0 | 2243.0 | 2247.0 | 2251.0 | 2255.0 | 2259.0 | 2263.0 | 2267.0 | 2271.0 | 2275.0 | 2279.0 | 2283.0 | 2287.0 | 2291.0 | 2295.0 | 2299.0 | 2303.0 | 2307.0 | 2311.0 | 2315.0 | 2319.0 | 2323.0 | 2327.0 | 2331.0 | 2335.0 | 2339.0 | 2343.0 | 2347.0 | 2351.0 | 2355.0 | 2359.0 | 2363.0 | 2367.0 | 2371.0 | 2375.0 | 2379.0 | 2383.0 | 2387.0 | 2391.0 | 2395.0 | 2399.0 | 2403.0 | 2407.0 | 2411.0 | 2415.0 | 2419.0 | 2423.0 | 2427.0 | 2431.0 | 2435.0 | 2439.0 | 2443.0 | 2447.0 | 2451.0 | 2455.0 | 2459.0 | 2463.0 | 2467.0 | 2471.0 | 2475.0 | 2479.0 | 2483.0 | 2487.0 | 2491.0 | 2495.0 | 2499.0 | 2503.0 | 2507.0 | 2511.0 | 2515.0 | 2519.0 | 2523.0 | 2527.0 | 2531.0 | 2535.0 | 2539.0 | 2543.0 | 2547.0 | 2551.0 | 2555.0 | 2559.0 | 2563.0 | 2567.0 | 2571.0 | 2575.0 | 2579.0 | 2583.0 | 2587.0 | 2591.0 | 2595.0 | 2599.0 | 2603.0 | 2607.0 | 2611.0 | 2615.0 | 2619.0 | 2623.0 | 2627.0 | 2631.0 | 2635.0 | 2639.0 | 2643.0 | 2647.0 | 2651.0 | 2655.0 | 2659.0 | 2663.0 | 2667.0 | 2671.0 | 2675.0 | 2679.0 | 2683.0 | 2687.0 | 2691.0 | 2695.0 | 2699.0 | 2703.0 | 2707.0 | 2711.0 | 2715.0 | 2719.0 | 2723.0 | 2727.0 | 2731.0 | 2735.0 | 2739.0 | 2743.0 | 2747.0 | 2751.0 | 2755.0 | 2759.0 | 2763.0 | 2767.0 | 2771.0 | 2775.0 | 2779.0 | 2783.0 | 2787.0 | 2791.0 | 2795.0 | 2799.0 | 2803.0 | 2807.0 | 2811.0 | 2815.0 | 2819.0 | 2823.0 | 2827.0 | 2831.0 | 2835.0 | 2839.0 | 2843.0 | 2847.0 | 2851.0 | 2855.0 | 2859.0 | 2863.0 | 2867.0 | 2871.0 | 2875.0 | 2879.0 | 2883.0 | 2887.0 | 2891.0 | 2895.0 | 2899.0 | 2903.0 | 2907.0 | 2911.0 | 2915.0 | 2919.0 | 2923.0 | 2927.0 | 2931.0 | 2935.0 | 2939.0 | 2943.0 | 2947.0 | 2951.0 | 2955.0 | 2959.0 | 2963.0 | 2967.0 | 2971.0 | 2975.0 | 2979.0 | 2983.0 | 2987.0 | 2991.0 | 2995.0 | 2999.0 | 3003.0 | 3007.0 | 3011.0 | 3015.0 | 3019.0 | 3023.0 | 3027.0 | 3031.0 | 3035.0 | 3039.0 | 3043.0 | 3047.0 | 3051.0 | 3055.0 | 3059.0 | 3063.0 | 3067.0 | 3071.0 | 3075.0 | 3079.0 | 3083.0 | 3087.0 | 3091.0 | 3095.0 | 3099.0 | 3103.0 | 3107.0 | 3111.0 | 3115.0 | 3119.0 | 3123.0 | 3127.0 | 3131.0 | 3135.0 | 3139.0 | 3143.0 | 3147.0 | 3151.0 | 3155.0 | 3159.0 | 3163.0 | 3167.0 | 3171.0 | 3175.0 | 3179.0 | 3183.0 | 3187.0 | 3191.0 | 3195.0 | 3199.0 | 3203.0 | 3207.0 | 3211.0 | 3215.0 | 3219.0 | 3223.0 | 3227.0 | 3231.0 | 3235.0 | 3239.0 | 3243.0 | 3247.0 | 3251.0 | 3255.0 | 3259.0 | 3263.0 | 3267.0 | 3271.0 | 3275.0 | 3279.0 | 3283.0 | 3287.0 | 3291.0 | 3295.0 | 3299.0 | 3303.0 | 3307.0 | 3311.0 | 3315.0 | 3319.0 | 3323.0 | 3327.0 | 3331.0 | 3335.0 | 3339.0 | 3343.0 | 3347.0 | 3351.0 | 3355.0 | 3359.0 | 3363.0 | 3367.0 | 3371.0 | 3375.0 | 3379.0 | 3383.0 | 3387.0 | 3391.0 | 3395.0 | 3399.0 | 3403.0 | 3407.0 | 3411.0 | 3415.0 | 3419.0 | 3423.0 | 3427.0 | 3431.0 | 3435.0 | 3439.0 | 3443.0 | 3447.0 | 3451.0 | 3455.0 | 3459.0 | 3463.0 | 3467.0 | 3471.0 | 3475.0 | 3479.0 | 3483.0 | 3487.0 | 3491.0 | 3495.0 | 3499.0 | 3503.0 | 3507.0 | 3511.0 | 3515.0 | 3519.0 | 3523.0 | 3527.0 | 3531.0 | 3535.0 | 3539.0 | 3543.0 | 3547.0 | 3551.0 | 3555.0 | 3559.0 | 3563.0 | 3567.0 | 3571.0 | 3575.0 | 3579.0 | 3583.0 | 3587.0 | 3591.0 | 3595.0 | 3599.0 | 3603.0 | 3607.0 | 3611.0 | 3615.0 | 3619.0 | 3623.0 | 3627.0 | 3631.0 | 3635.0 | 3639.0 | 3643.0 | 3647.0 | 3651.0 | 3655.0 | 3659.0 | 3663.0 | 3667.0 | 3671.0 | 3675.0 | 3679.0 | 3683.0 | 3687.0 | 3691.0 | 3695.0 | 3699.0 | 3703.0 | 3707.0 | 3711.0 | 3715.0 | 3719.0 | 3723.0 | 3727.0 | 3731.0 | 3735.0 | 3739.0 | 3743.0 | 3747.0 | 3751.0 | 3755.0 | 3759.0 | 3763.0 | 3767.0 | 3771.0 | 3775.0 | 3779.0 | 3783.0 | 3787.0 | 3791.0 | 3795.0 | 3799.0 | 3803.0 | 3807.0 | 3811.0 | 3815.0 | 3819.0 | 3823.0 | 3827.0 | 3831.0 | 3835.0 | 3839.0 | 3843.0 | 3847.0 | 3851.0 | 3855.0 | 3859.0 | 3863.0 | 3867.0 | 3871.0 | 3875.0 | 3879.0 | 3883.0 | 3887.0 | 3891.0 | 3895.0 | 3899.0 | 3903.0 | 3907.0 | 3911.0 | 3915.0 | 3919.0 | 3923.0 | 3927.0 | 3931.0 | 3935.0 | 3939.0 | 3943.0 | 3947.0 | 3951.0 | 3955.0 | 3959.0 | 3963.0 | 3967.0 | 3971.0 | 3975.0 | 3979.0 | 3983.0 | 3987.0 | 3991.0 | 3995.0 | 3999.0 | 4003.0 | 4007.0 | 4011.0 | 4015.0 | 4019.0 | 4023.0 | 4027.0 | 4031.0 | 4035.0 | 4039.0 | 4043.0 | 4047.0 | 4051.0 | 4055.0 | 4059.0 | 4063.0 | 4067.0 | 4071.0 | 4075.0 | 4079.0 | 4083.0 | 4087.0 | 4091.0 | 4095.0 | 4099.0 | 4103.0 | 4107.0 | 4111.0 | 4115.0 | 4119.0 | 4123.0 | 4127.0 | 4131.0 | 4135.0 | 4139.0 | 4143.0 | 4147.0 | 4151.0 | 4155.0 | 4159.0 | 4163.0 | 4167.0 | 4171.0 | 4175.0 | 4179.0 | 4183.0 | 4187.0 | 4191.0 | 4195.0 | 4199.0 | 4203.0 | 4207.0 | 4211.0 | 4215.0 | 4219.0 | 4223.0 | 4227.0 | 4231.0 | 4235.0 | 4239.0 | 4243.0 | 4247.0 | 4251.0 | 4255.0 | 4259.0 | 4263.0 | 4267.0 | 4271.0 | 4275.0 | 4279.0 | 4283.0 | 4287.0 | 4291.0 | 4295.0 | 4299.0 | 4303.0 | 4307.0 | 4311.0 | 4315.0 | 4319.0 | 4323.0 | 4327.0 | 4331.0 | 4335.0 | 4339.0 | 4343.0 | 4347.0 | 4351.0 | 4355.0 | 4359.0 | 4363.0 | 4367.0 | 4371.0 | 4375.0 | 4379.0 | 4383.0 | 4387.0 | 4391.0 | 4395.0 | 4399.0 | 4403.0 | 4407.0 | 4411.0 | 4415.0 |  |

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS15\_90a  
Daten für jede Farbe:

$u^*_e$  und Nummer Nr. = 00 .. 15

Elementar-Bunttontext:

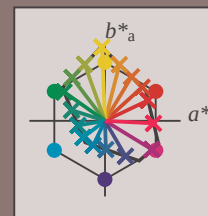
$u^*_e = 16$  Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| $r00j$  | 39.18       | 56.94   | 27.13   | 63.07        | 25           | $m81o$  |
| $r25j$  | 42.41       | 49.1    | 44.5    | 66.26        | 42           | $o10y$  |
| $r50j$  | 52.78       | 35.22   | 58.37   | 68.17        | 59           | $o40y$  |
| $r75j$  | 64.82       | 19.12   | 74.47   | 76.89        | 76           | $o69y$  |
| $j00g$  | 82.06       | -3.94   | 97.52   | 97.6         | 92           | $o98y$  |
| $j25g$  | 67.26       | -26.87  | 74.67   | 79.36        | 110          | $y34l$  |
| $j50g$  | 55.83       | -43.45  | 57.11   | 71.76        | 127          | $y69l$  |
| $j75g$  | 47.5        | -54.18  | 38.3    | 66.35        | 145          | $l03c$  |
| $g00b$  | 50.07       | -44.09  | 14.13   | 46.3         | 162          | $l23c$  |
| $g25b$  | 52.21       | -35.66  | -6.03   | 36.17        | 190          | $l55c$  |
| $g50b$  | 53.9        | -29.04  | -21.87  | 36.36        | 217          | $l87c$  |
| $g75b$  | 49.44       | -15.51  | -32.31  | 35.84        | 244          | $c20v$  |
| $b00r$  | 41.36       | 1.15    | -37.95  | 37.97        | 272          | $c53v$  |
| $b25r$  | 28.74       | 27.19   | -46.77  | 54.1         | 300          | $c87v$  |
| $b50r$  | 33.74       | 61.97   | -37.81  | 72.59        | 329          | $v68m$  |
| $b75r$  | 40.08       | 64.26   | -3.32   | 64.35        | 357          | $m33o$  |



%Umfang

$u^*_{rel} = 88$

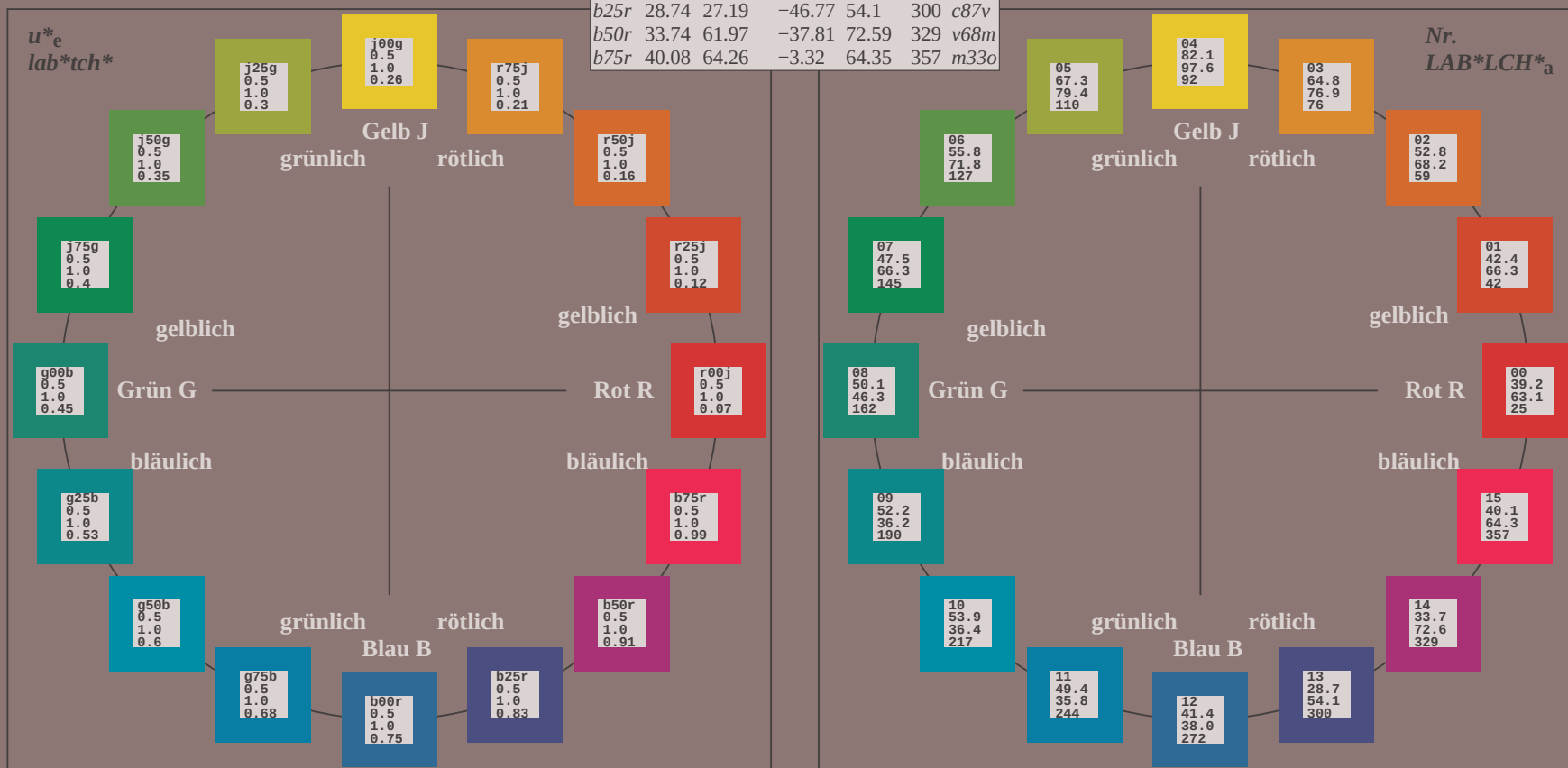
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| Name      | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_{Ma}$  | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| $Y_{Ma}$  | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| $L_{Ma}$  | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| $C_{Ma}$  | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| $V_{Ma}$  | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| $M_{Ma}$  | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| $N_{Ma}$  | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$  | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$ | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| $G_{CIE}$ | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| $B_{CIE}$ | 30.57       | 1.41    | -46.47  | 46.49        | 272          |





### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

## Bunttontexte:

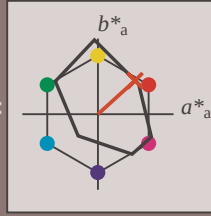
$$u_e^* = r25j \quad u_d^* = o10y$$

## Kontrastreduzierungsfaktor:

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$

100



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |    |
|------------------------------------|-------------|---------|---------|--------------|--------------|----|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |    |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           | 93 |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           | 36 |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          | 36 |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          | 36 |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          | 36 |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          | 36 |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            | 0  |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            | 0  |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           | 92 |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           | 92 |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          | 92 |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          | 92 |

### Daten für Maximalfarbe (Ma):

$LAB*LAB*_M_2: 42 \ 49 \ 44$

LAR\*ICH\*5 : 42 66 42

LAB LCH Ma: 42 00 42  
Lab LCH: 42 00 42

*lab\*rgb\*\_Ma: 1.0 0.25 0.*

*lab\*olv\**Ma: 1.0 0.1 0.0

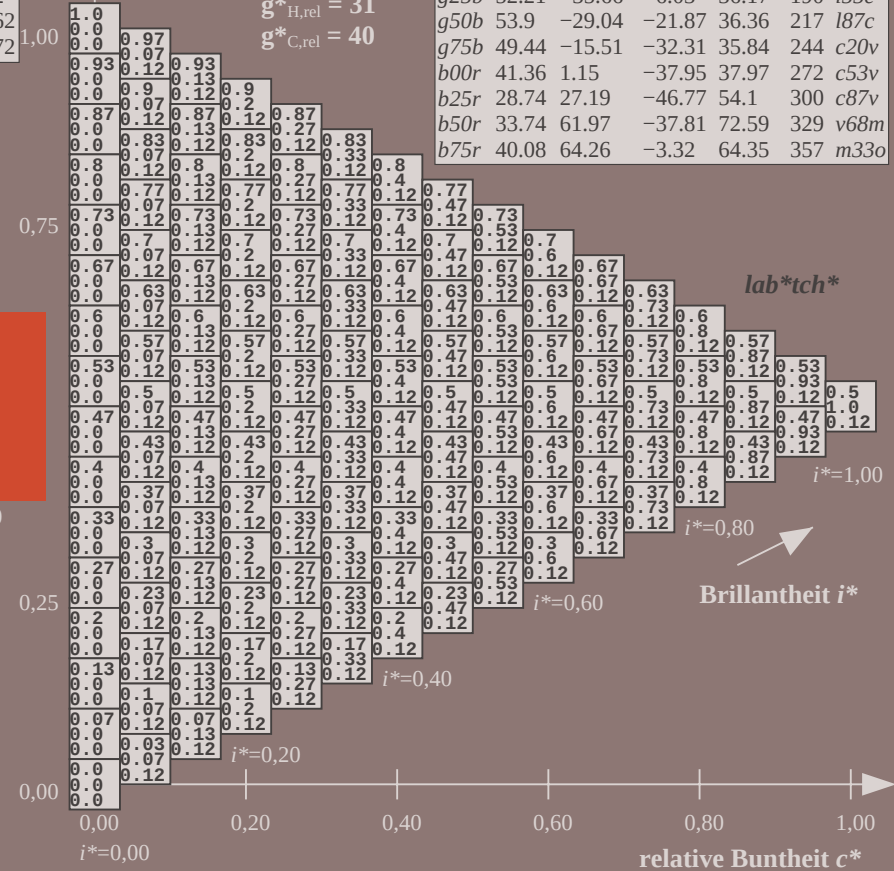
### Dreiecks-Helligkeit $t^*$

0/11

## %Umfang

$$\mathbf{u}_{\text{rel}}^* = 88$$

**%Regular**

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$


*lab\*tch\**

## Brillantheit $i^*$

BAM-Prüfvorlage Eg11; Farbmatrik-Systeme, Seite 183/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmY0\* setcmyk

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
- Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

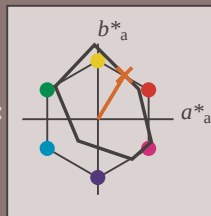
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

$lab^*rgb^*_{Ma}$ : 1.0 0.5 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

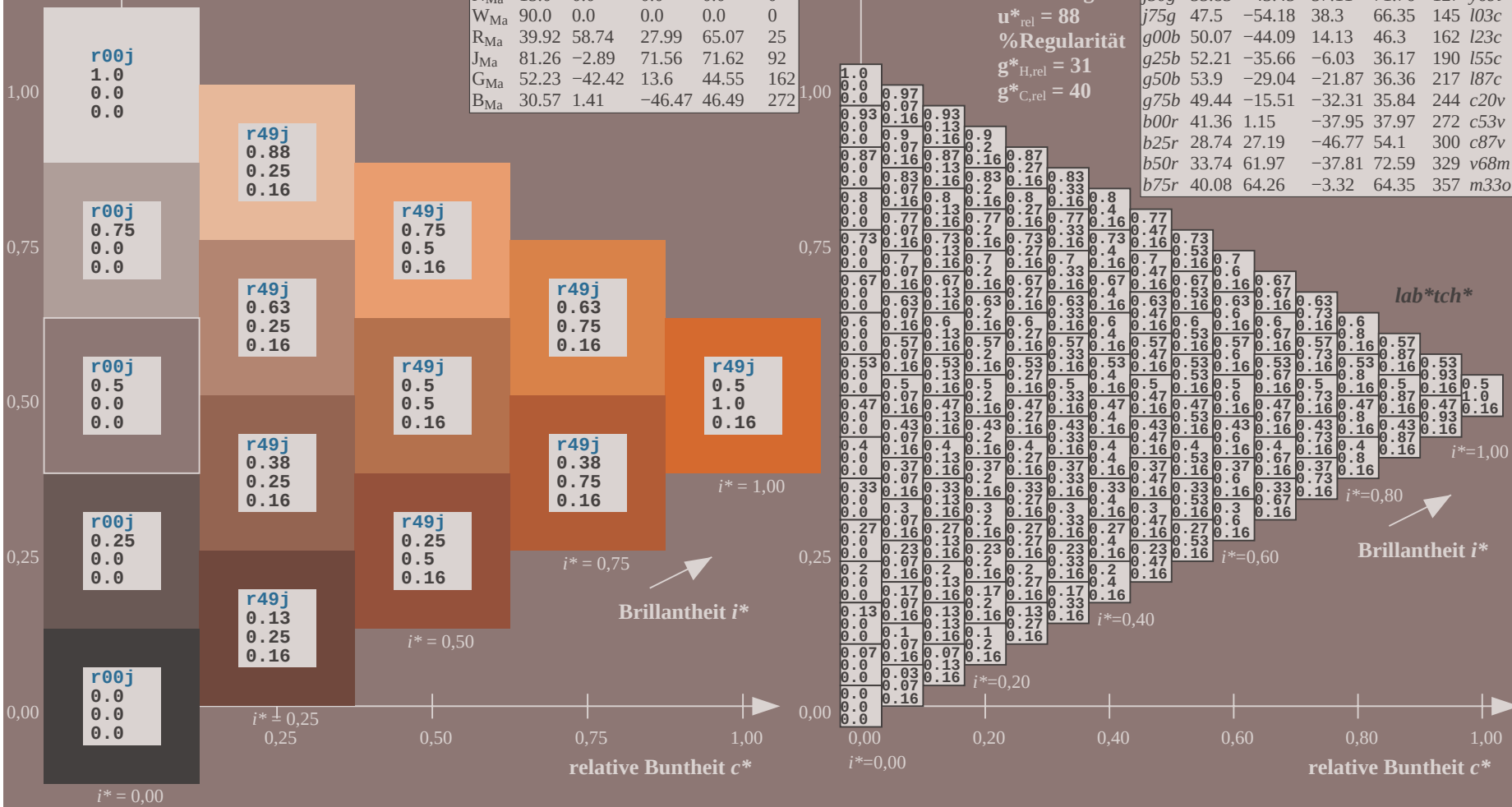
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

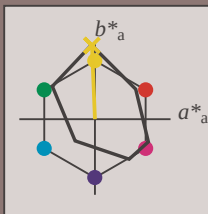
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |         |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |         |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |         |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |         |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |         |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |         |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |         |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |         |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |         |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |         |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 82 -4 98

$LAB^*LCH^*_{Ma}$ : 82 98 92

$lab^*rgb^*_{Ma}$ : 1.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.99 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

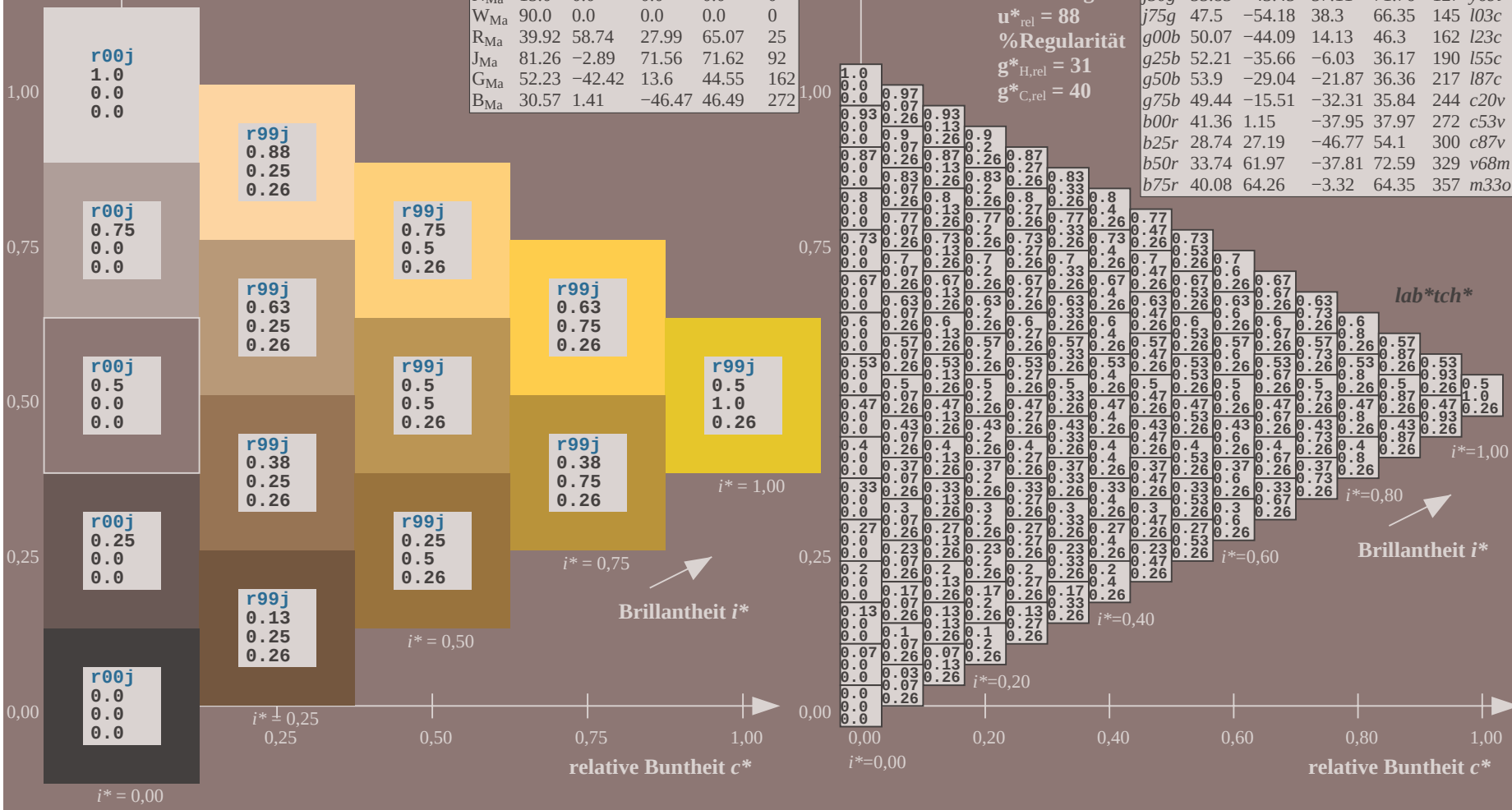
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |





Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

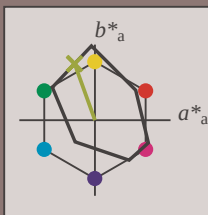
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 67 -27 75

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 67 79 109

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.75 1.0 0.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.66 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

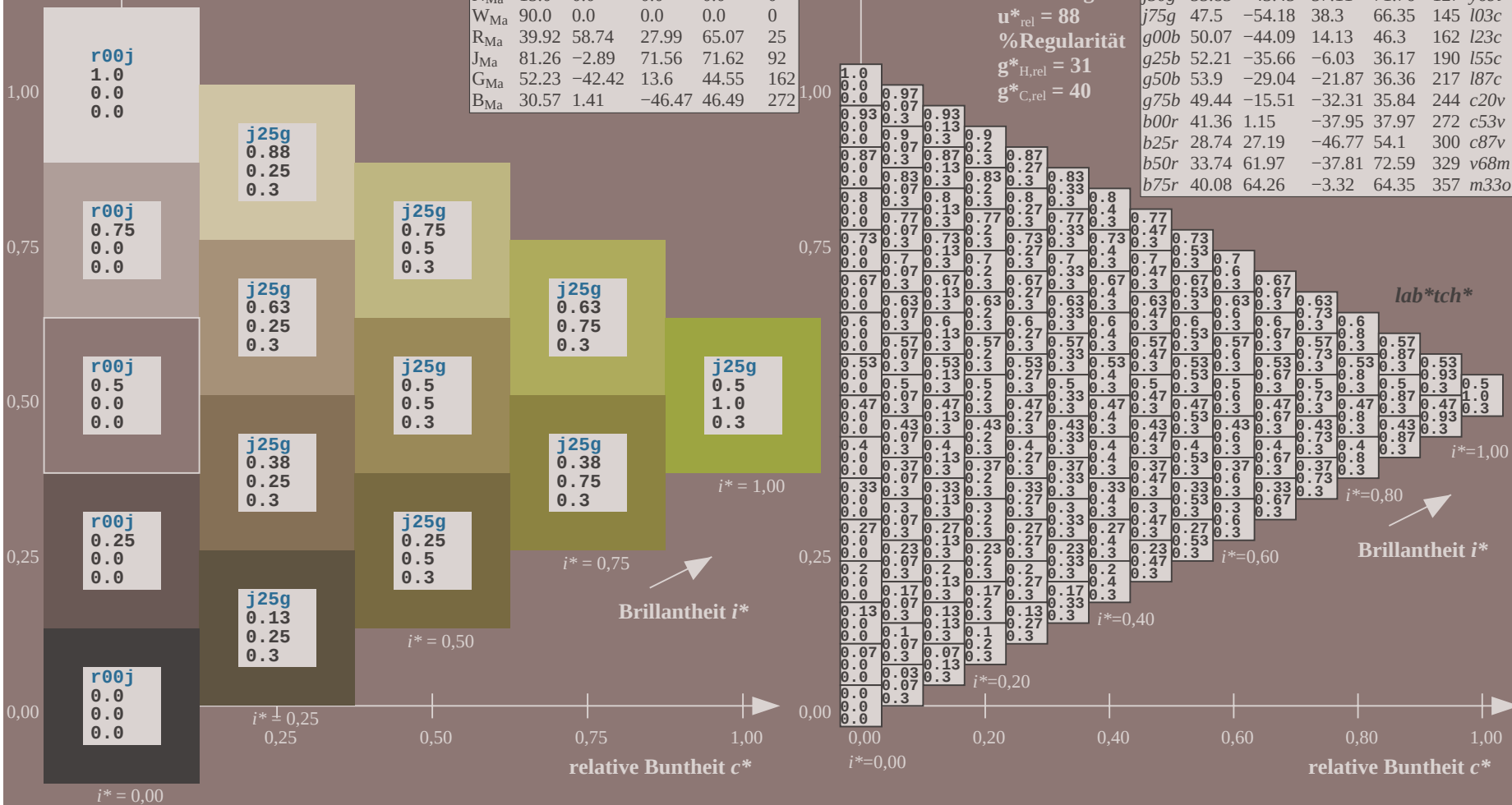
$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          |



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

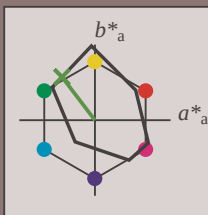
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 56 -43 57

$LAB^*LCH^*_{Ma}$ : 56 72 127

$lab^*rgb^*_{Ma}$ : 0.5 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          |

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

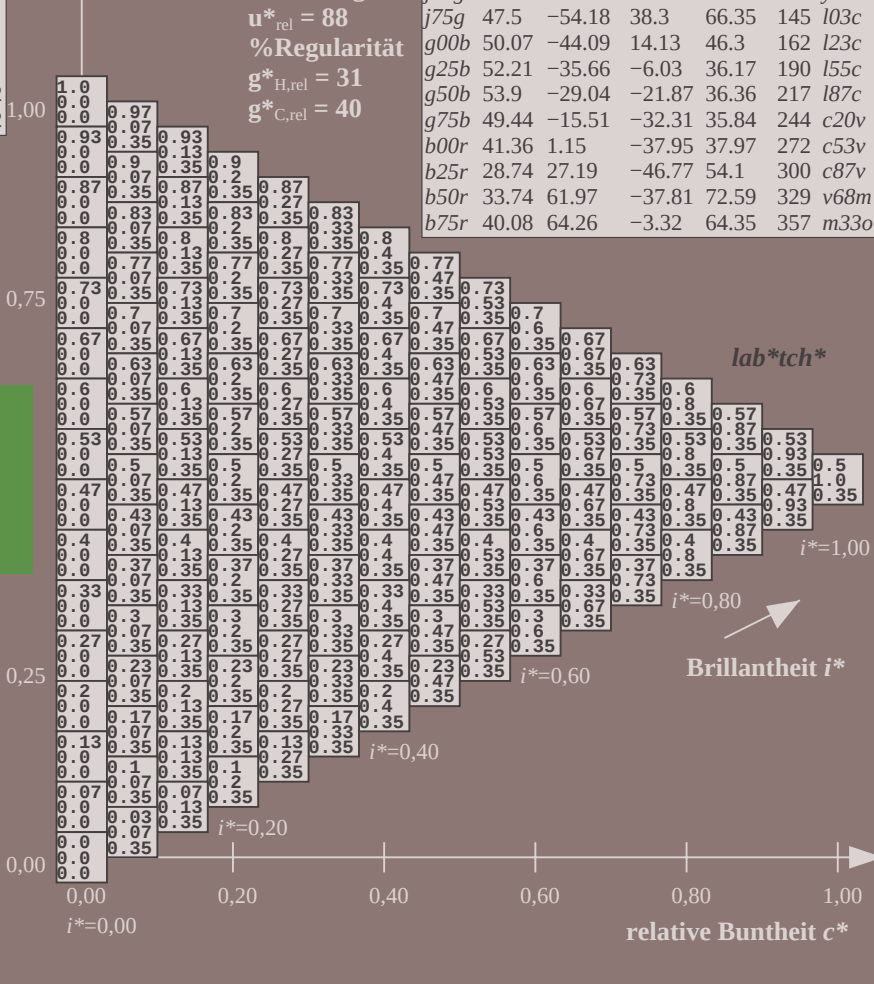
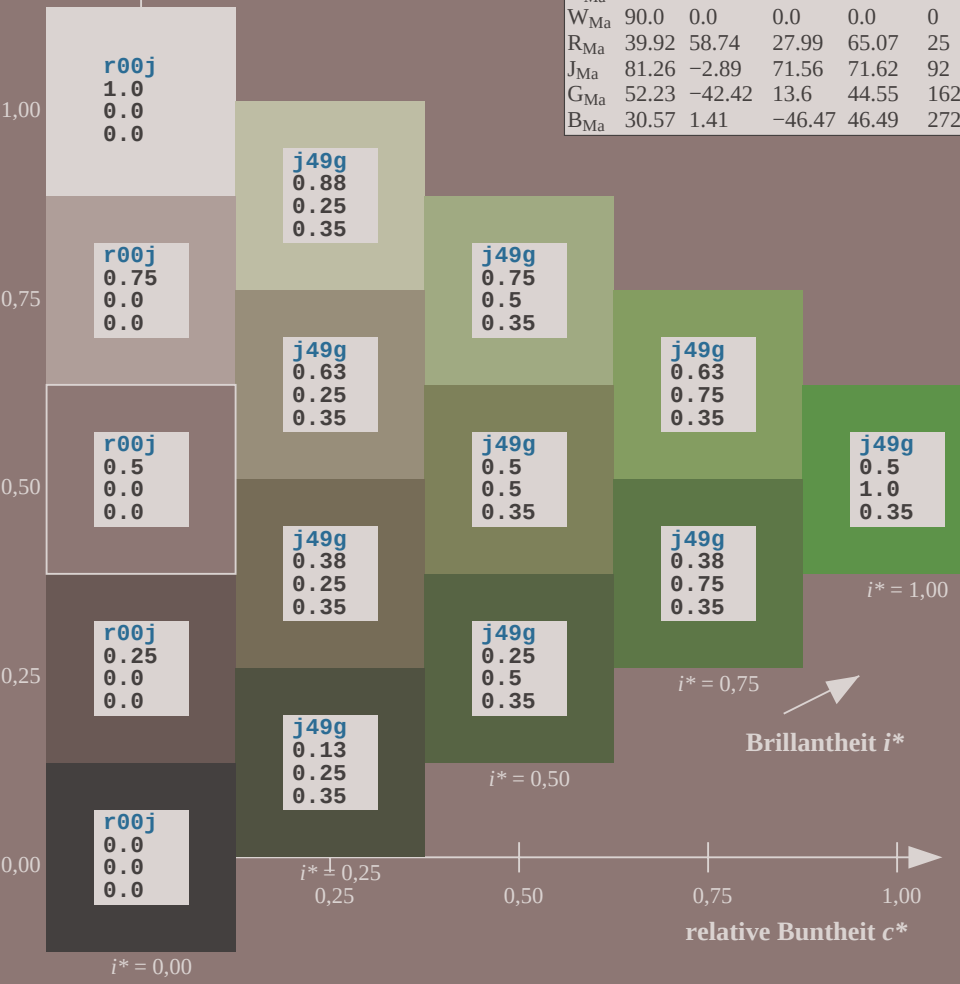
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

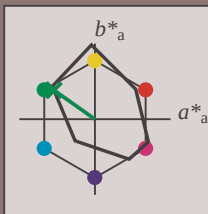
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

|                 | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|---------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub> | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub> | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub> | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub> | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub> | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub> | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub> | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub> | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub> | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub> | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub> | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

$lab^*rgb^*_{Ma}$ : 0.25 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

|      | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|------|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |         |
| r25j | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |         |
| r50j | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |         |
| r75j | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |         |
| j00g | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |         |
| j25g | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |         |
| j50g | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |         |
| j75g | 47.5    | -54.18      | 38.3    | 66.35   | 145          | i03c         |         |
| g00b | 50.07   | -44.09      | 14.13   | 46.3    | 162          | i23c         |         |
| g25b | 52.21   | -35.66      | -6.03   | 36.17   | 190          | i55c         |         |
| g50b | 53.9    | -29.04      | -21.87  | 36.36   | 217          | i87c         |         |
| g75b | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |         |
| b00r | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |         |
| b25r | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |         |
| b50r | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |         |
| b75r | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |         |

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

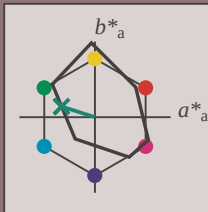
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |         |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |         |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |         |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |         |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |         |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |         |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |         |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |         |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |         |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |         |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -44 14

$LAB^*LCH^*_{Ma}$ : 50 46 162

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $t^*$

%Umfang

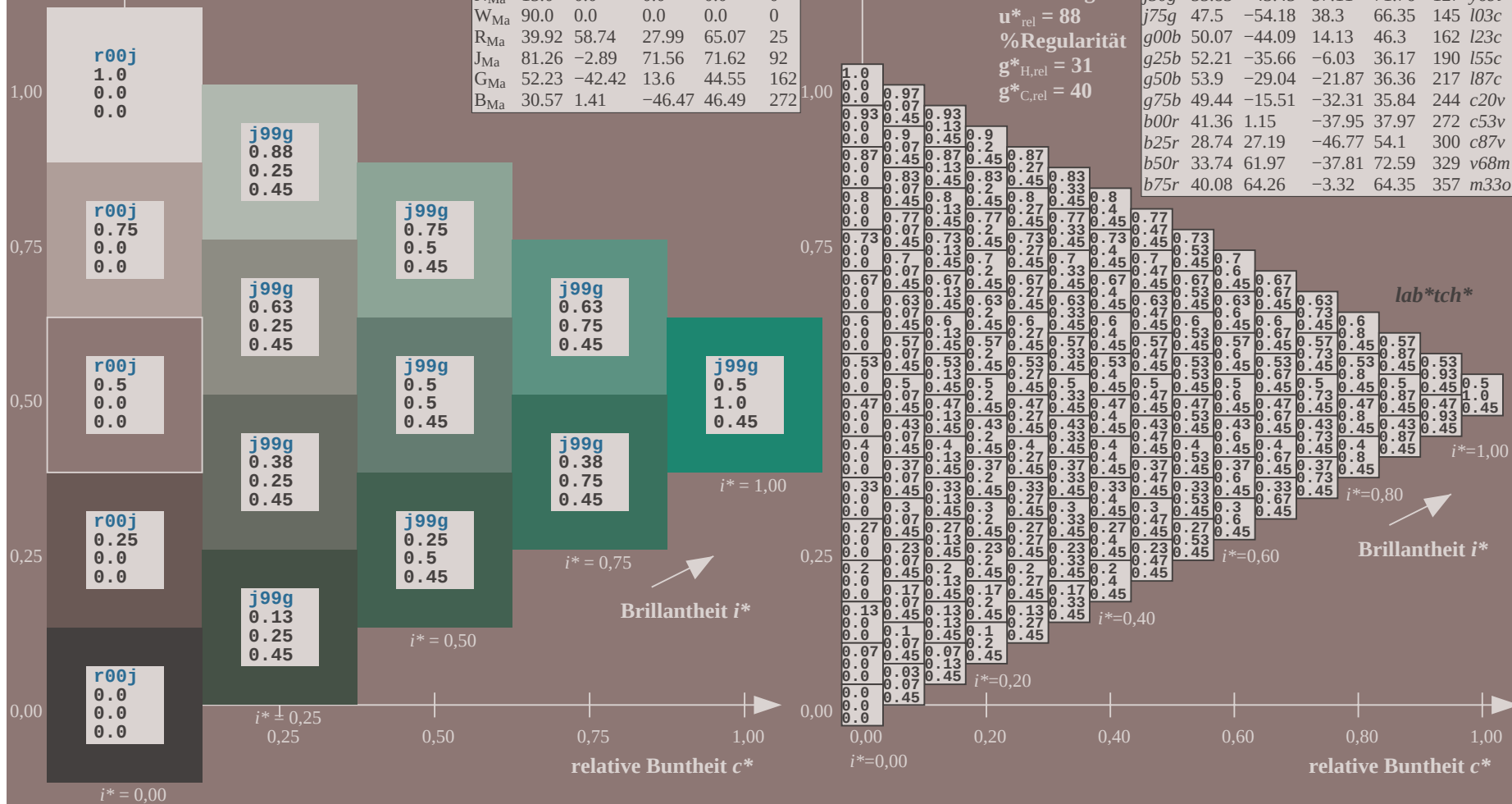
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

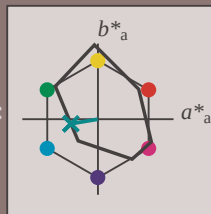
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 52 -36 -6

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 52 36 189

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.0 1.0 0.5

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          |

$\text{lab}^*tch^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

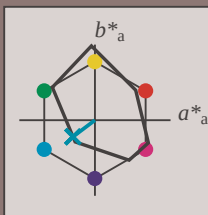
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |         |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |         |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |         |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |         |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |         |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |         |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |         |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |         |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |         |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |         |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$ : 54 -29 -22

$\text{LAB}^*\text{LCH}^*_{Ma}$ : 54 36 216

$\text{lab}^*\text{rgb}^*_{Ma}$ : 0.0 1.0 1.0

$\text{lab}^*\text{olv}^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $t^*$

%Umfang

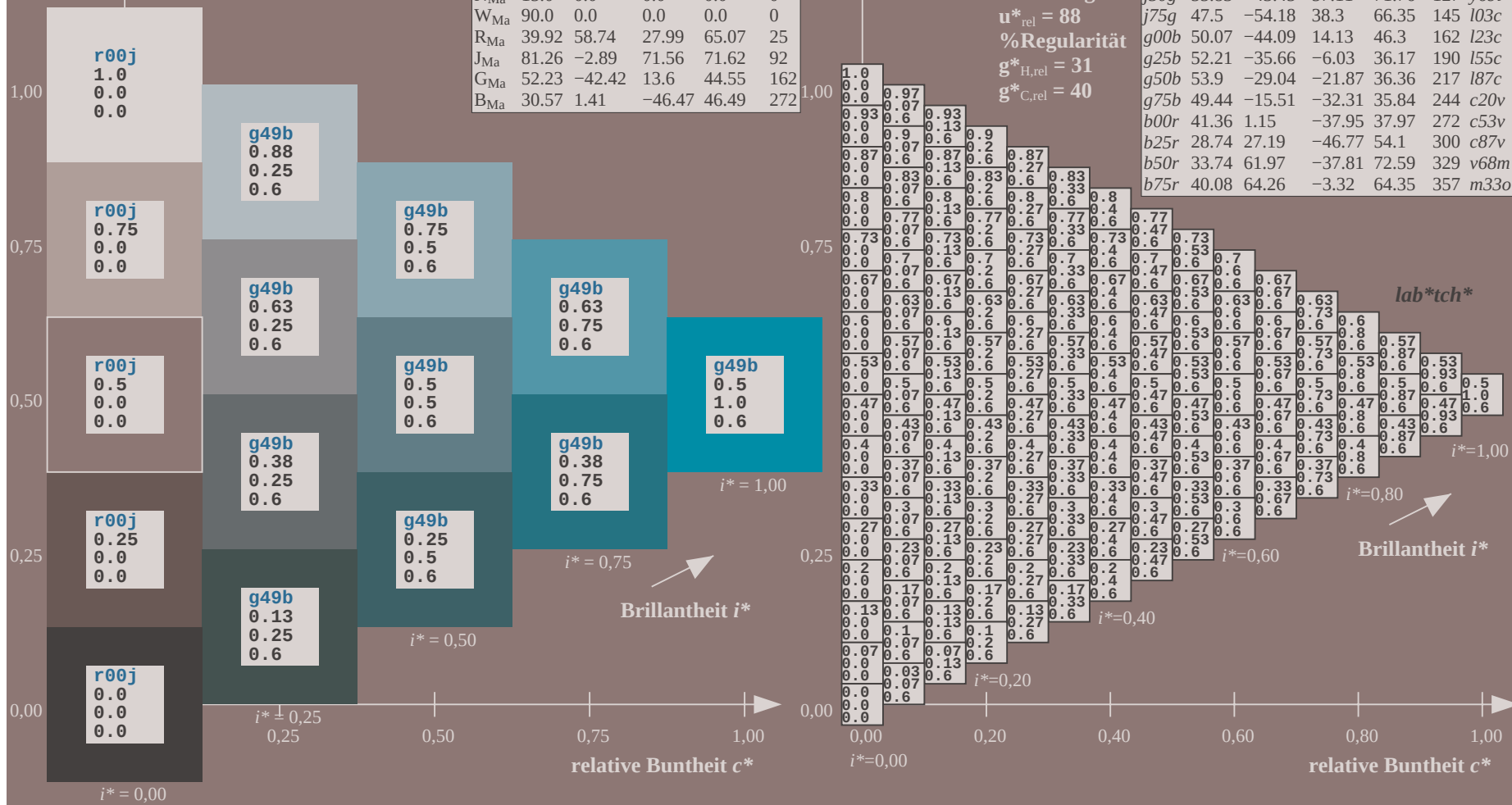
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

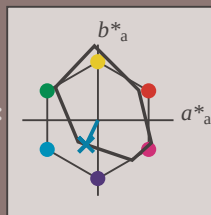
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 49 -16 -32

$LAB^*LCH^*_{Ma}$ : 49 36 244

$lab^*rgb^*_{Ma}$ : 0.0 0.5 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          |

$lab^*tch^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

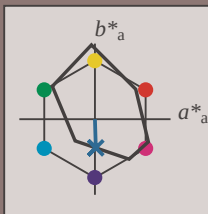
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 41 1 -38

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 41 38 271

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.0 0.0 1.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$\text{lab}^*tch^*$

$i^*=1.00$

Brillantheit  $i^*$

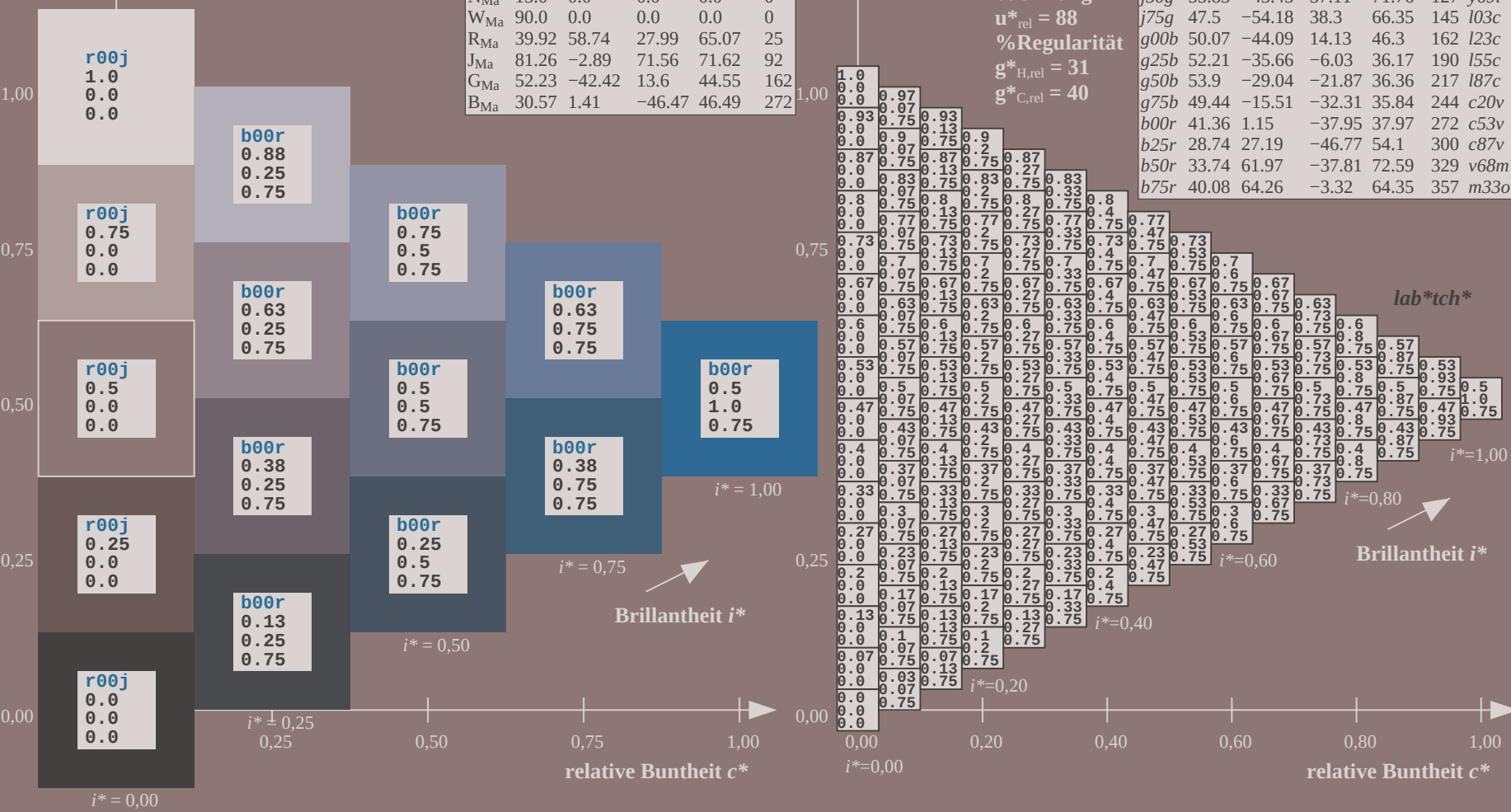
$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

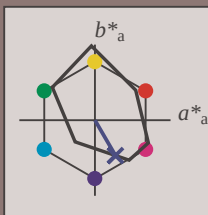
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 29 27 -47

$LAB^*LCH^*_{Ma}$ : 29 54 300

$lab^*rgb^*_{Ma}$ : 0.5 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

$i^* = 0.00$

$i^* \pm 0.25$

0.25

0.50

0.75

1.00

Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

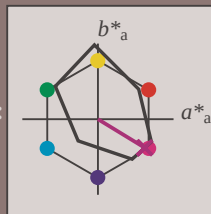
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |         |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |         |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |         |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |         |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |         |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |         |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |         |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |         |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |         |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |         |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 34 62 -38

$LAB^*LCH^*_{Ma}$ : 34 73 328

$lab^*rgb^*_{Ma}$ : 1.0 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$lab^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

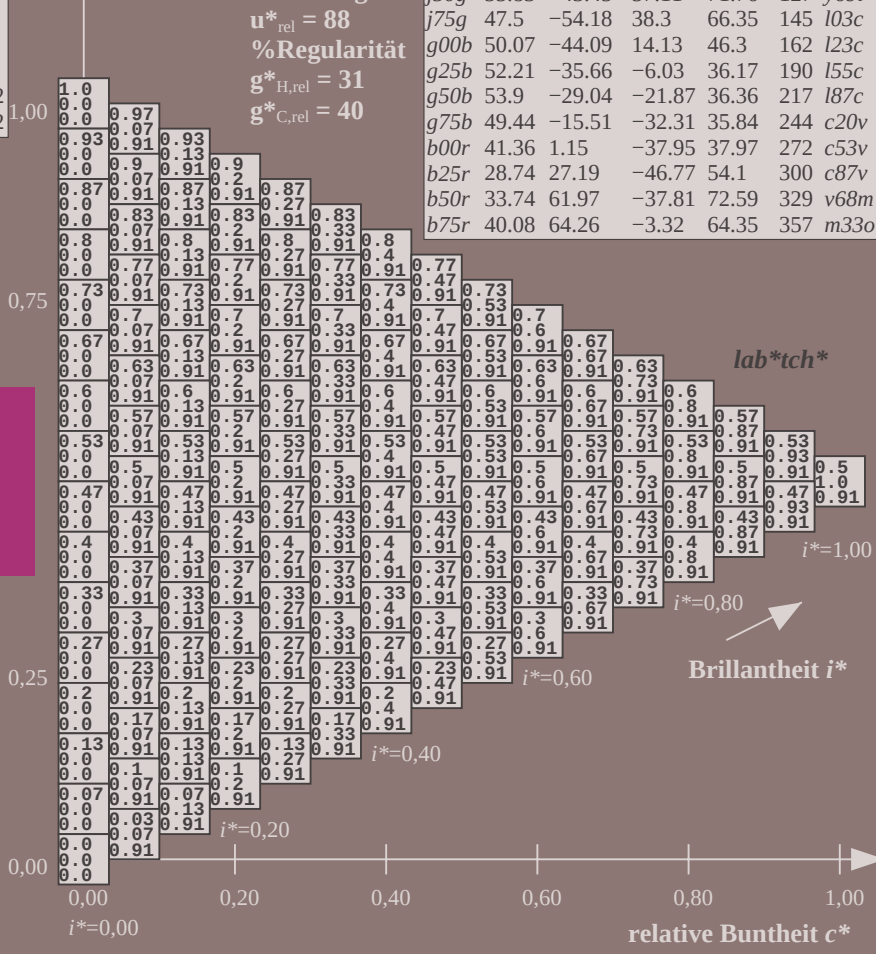
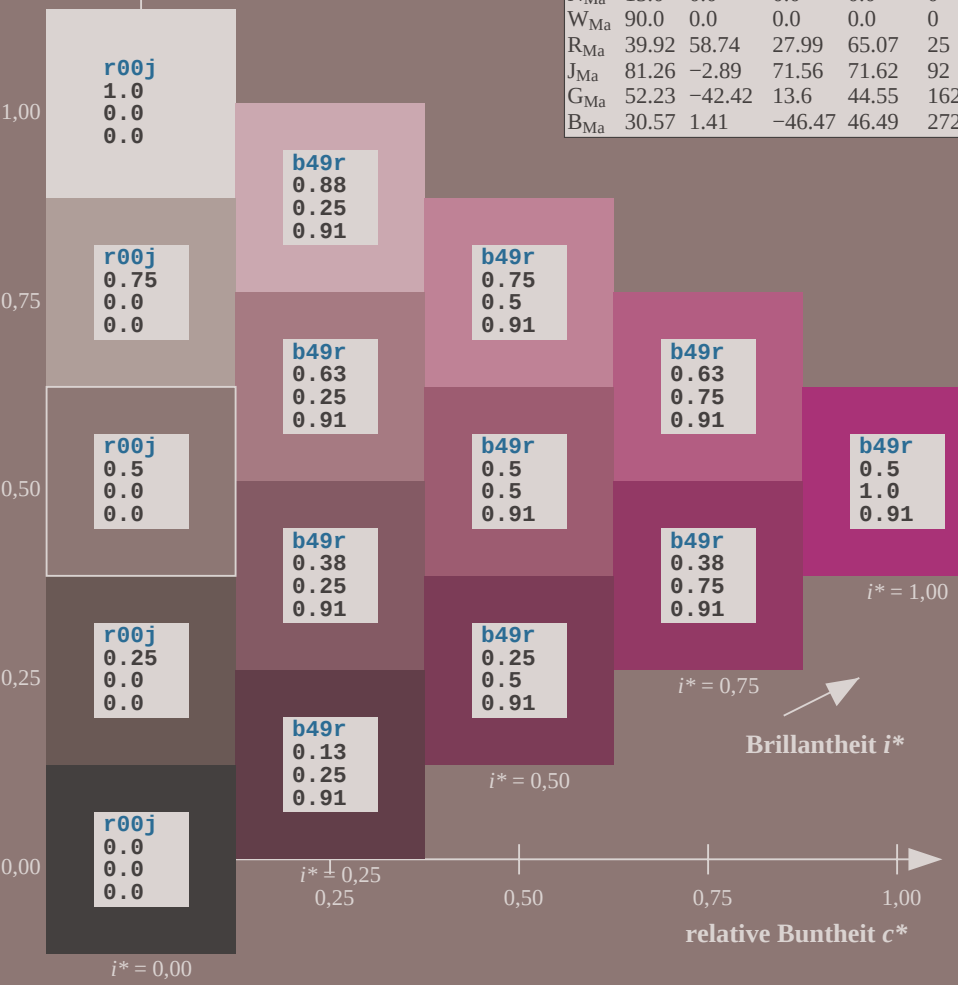
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

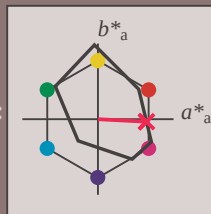
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 40 64 -3

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 40 64 357

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 1.0 0.0 0.5

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 1.0 0.0 0.66

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$\text{lab}^*tch^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



BAM-Prüfvorlage Eg11; Farbmimetrik-Systeme, Seite 198/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmY0\* setcmyk

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS15\_90a  
Daten für jede Farbe:

$u^*_e$  und Nummer Nr. = 00 .. 15

Elementar-Bunttontext:

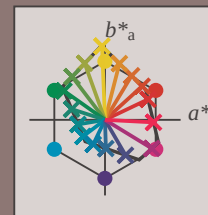
$u^*_e = 16$  Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| $r00j$  | 39.18       | 56.94   | 27.13   | 63.07        | 25           | $m81o$  |
| $r25j$  | 42.41       | 49.1    | 44.5    | 66.26        | 42           | $o10y$  |
| $r50j$  | 52.78       | 35.22   | 58.37   | 68.17        | 59           | $o40y$  |
| $r75j$  | 64.82       | 19.12   | 74.47   | 76.89        | 76           | $o69y$  |
| $j00g$  | 82.06       | -3.94   | 97.52   | 97.6         | 92           | $o98y$  |
| $j25g$  | 67.26       | -26.87  | 74.67   | 79.36        | 110          | $y34l$  |
| $j50g$  | 55.83       | -43.45  | 57.11   | 71.76        | 127          | $y69l$  |
| $j75g$  | 47.5        | -54.18  | 38.3    | 66.35        | 145          | $l03c$  |
| $g00b$  | 50.07       | -44.09  | 14.13   | 46.3         | 162          | $l23c$  |
| $g25b$  | 52.21       | -35.66  | -6.03   | 36.17        | 190          | $l55c$  |
| $g50b$  | 53.9        | -29.04  | -21.87  | 36.36        | 217          | $l87c$  |
| $g75b$  | 49.44       | -15.51  | -32.31  | 35.84        | 244          | $c20v$  |
| $b00r$  | 41.36       | 1.15    | -37.95  | 37.97        | 272          | $c53v$  |
| $b25r$  | 28.74       | 27.19   | -46.77  | 54.1         | 300          | $c87v$  |
| $b50r$  | 33.74       | 61.97   | -37.81  | 72.59        | 329          | $v68m$  |
| $b75r$  | 40.08       | 64.26   | -3.32   | 64.35        | 357          | $m33o$  |



%Umfang

$u^*_{rel} = 88$

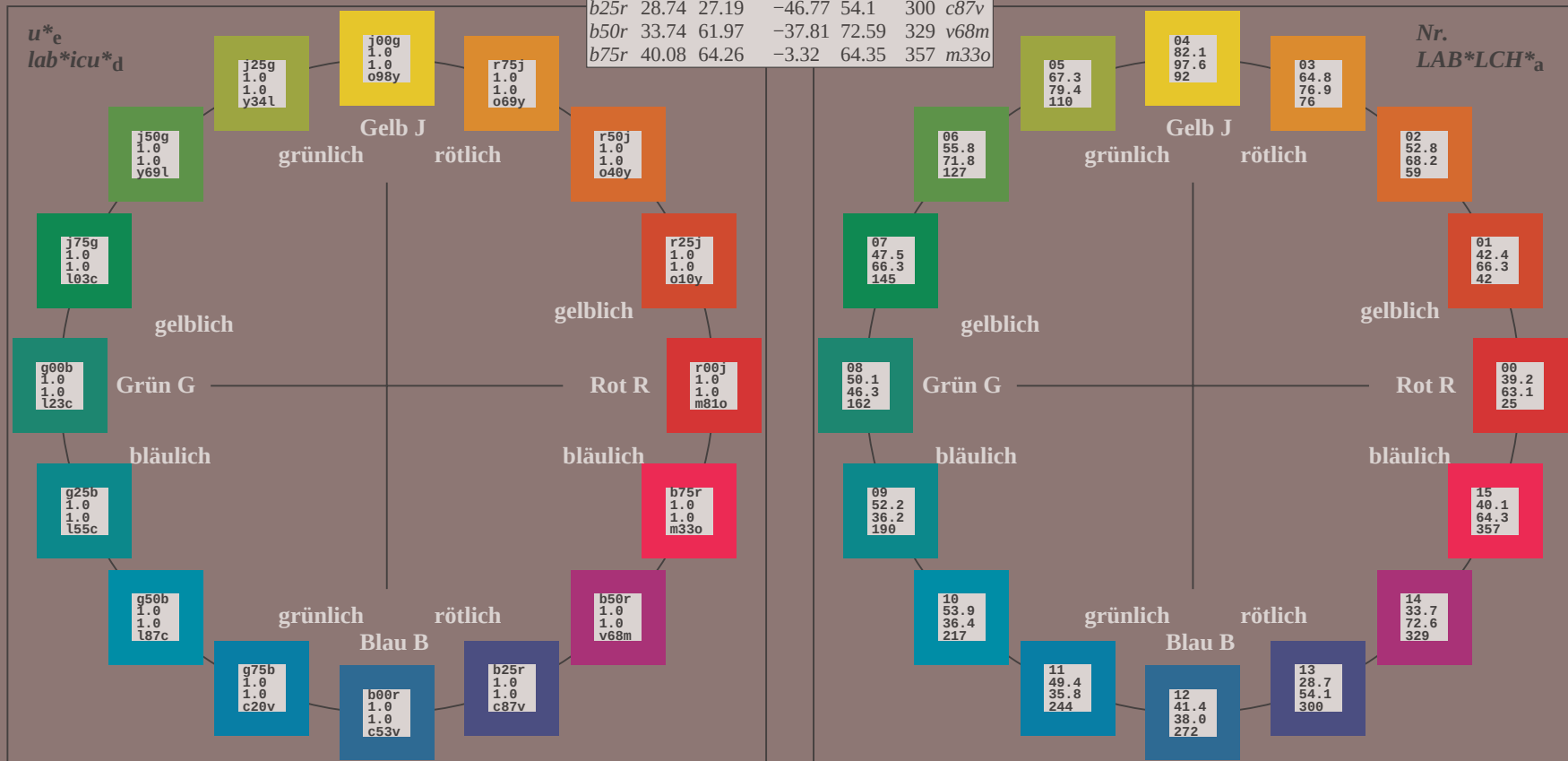
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| Name      | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_{Ma}$  | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| $Y_{Ma}$  | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| $L_{Ma}$  | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| $C_{Ma}$  | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| $V_{Ma}$  | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| $M_{Ma}$  | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| $N_{Ma}$  | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$  | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$ | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| $G_{CIE}$ | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| $B_{CIE}$ | 30.57       | 1.41    | -46.47  | 46.49        | 272          |





Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

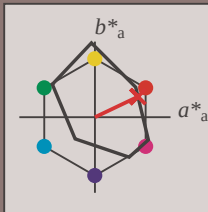
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |         |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |         |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |         |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |         |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |         |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |         |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |         |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |         |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |         |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |         |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*\text{Ma}$ : 39 57 27

$\text{LAB}^*\text{LCH}^*\text{Ma}$ : 39 63 25

$\text{lab}^*\text{rgb}^*\text{Ma}$ : 1.0 0.0 0.0

$\text{lab}^*\text{olv}^*\text{Ma}$ : 1.0 0.0 0.18

Dreiecks-Helligkeit  $t^*$

%Umfang

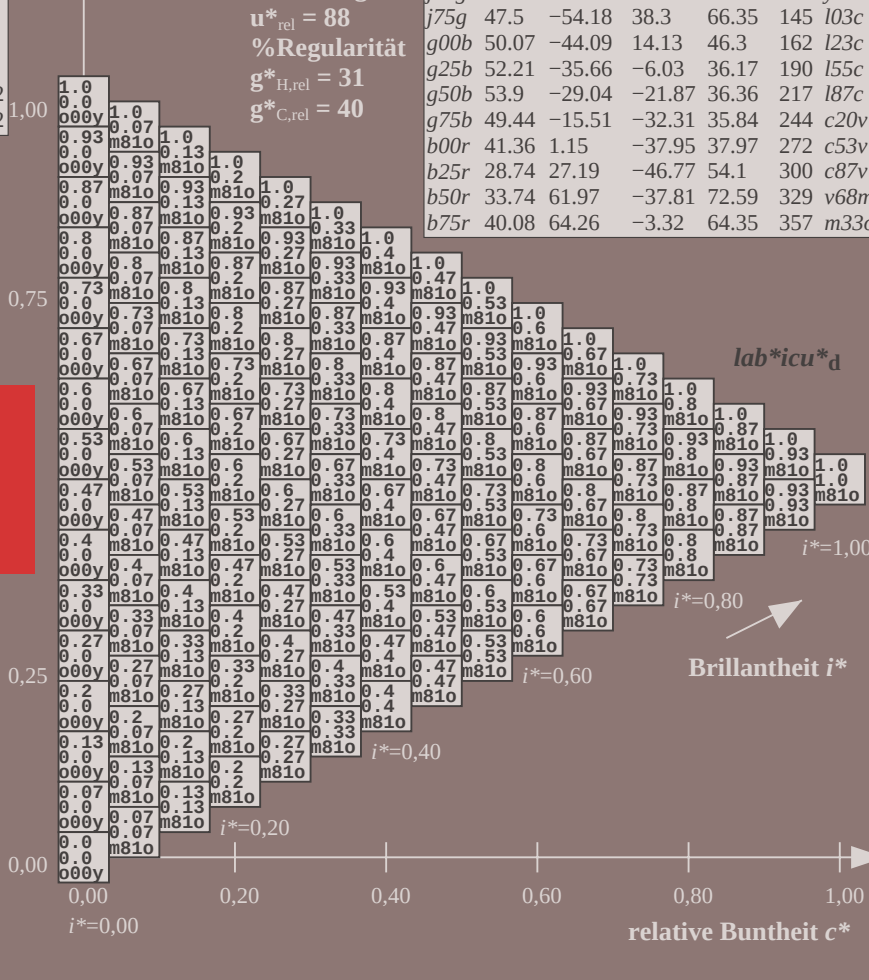
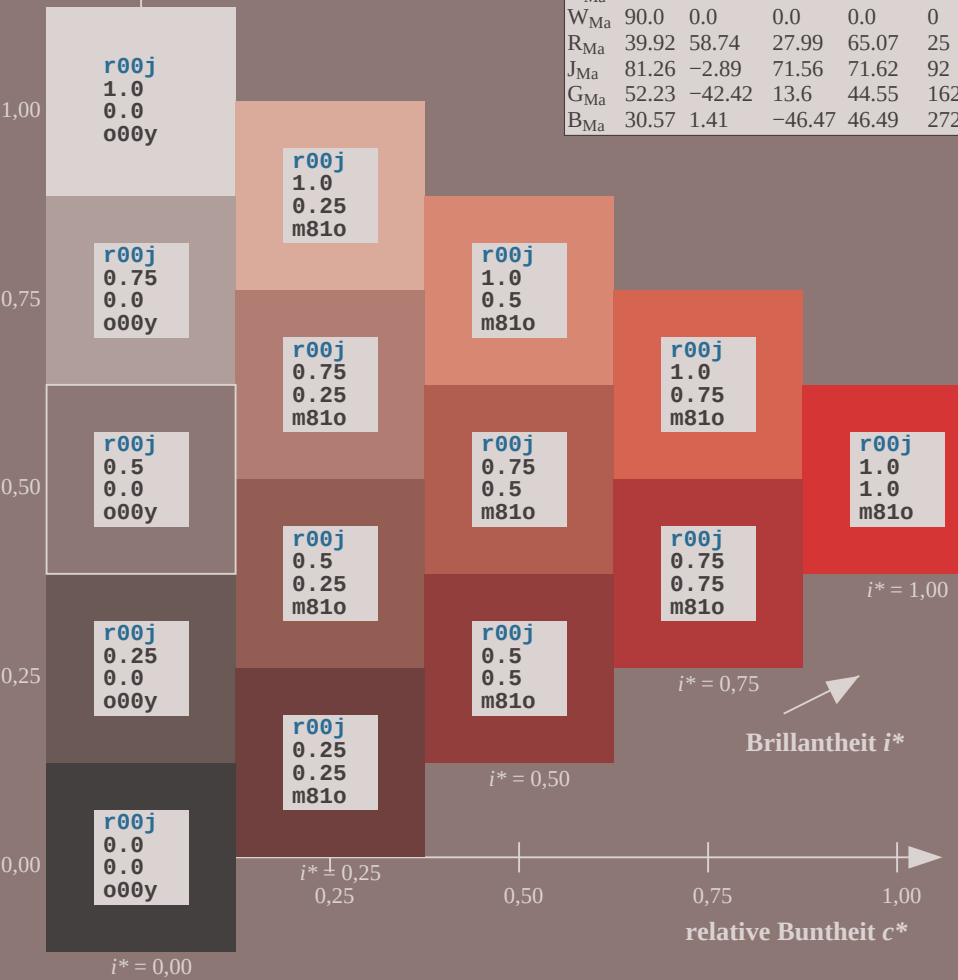
$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

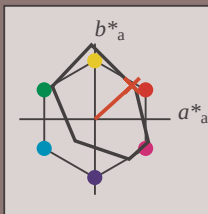
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 42 49 44

$LAB^*LCH^*_{Ma}$ : 42 66 42

$lab^*rgb^*_{Ma}$ : 1.0 0.25 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

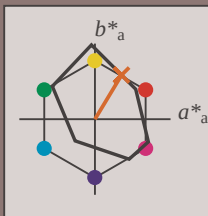
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

$lab^*rgb^*_{Ma}$ : 1.0 0.5 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$lab^*icu^*_d$

$i^* = 1.00$

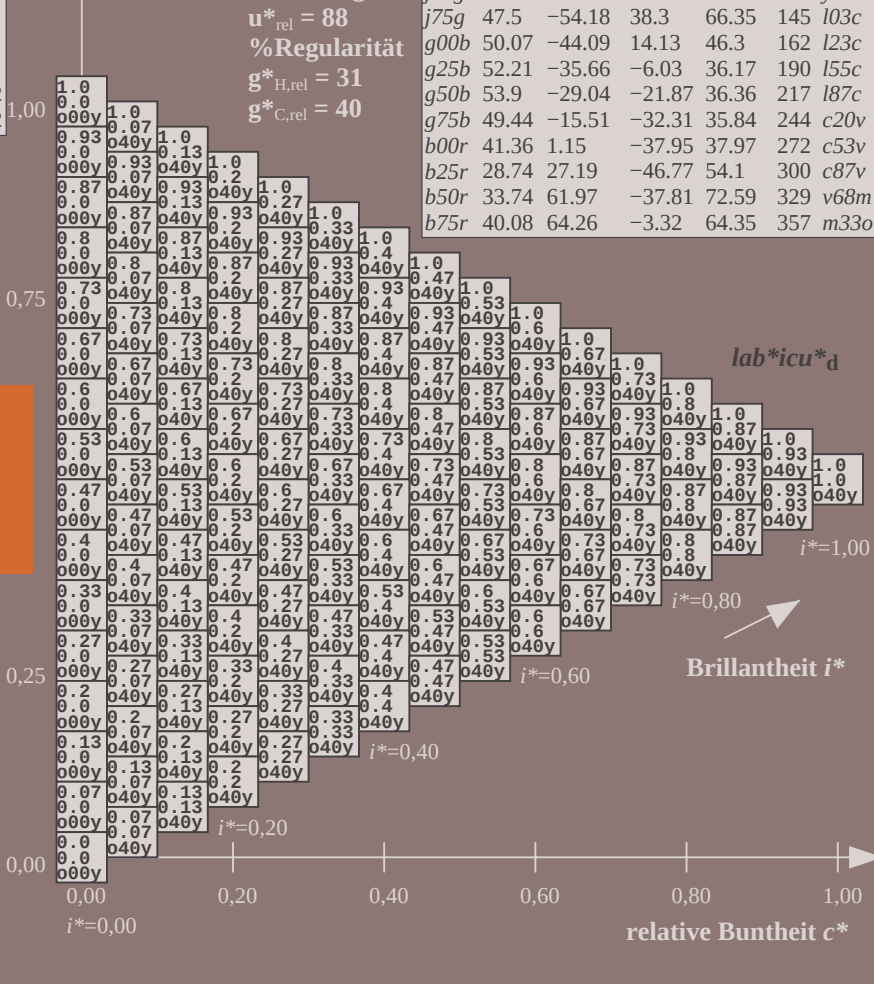
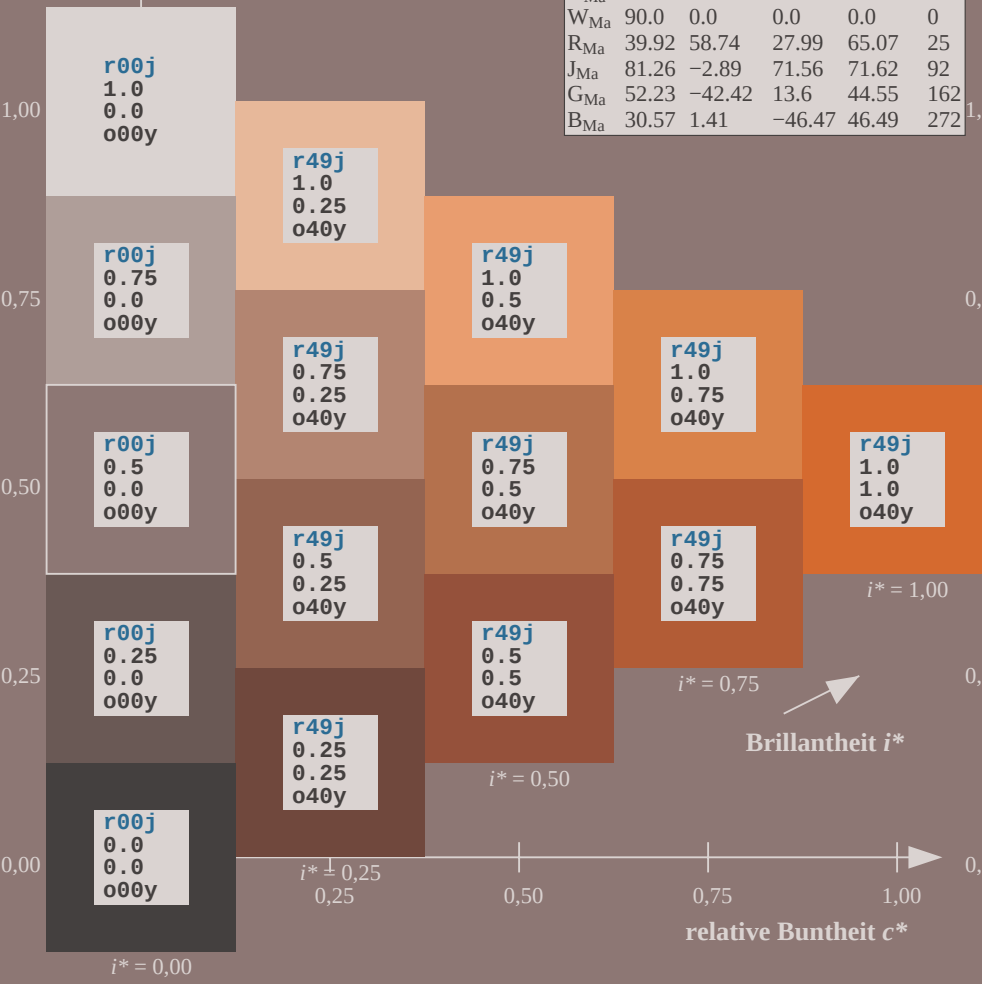
Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; <http://www.ps.bam.de/Eg11/10L/L11G00FP.PS/> .PDF  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

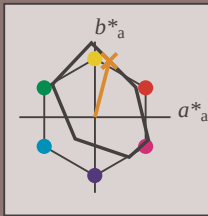
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |         |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |         |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |         |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |         |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |         |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |         |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |         |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |         |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |         |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |         |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 65 19 74

$LAB^*LCH^*_{Ma}$ : 65 77 75

$lab^*rgb^*_{Ma}$ : 1.0 0.75 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

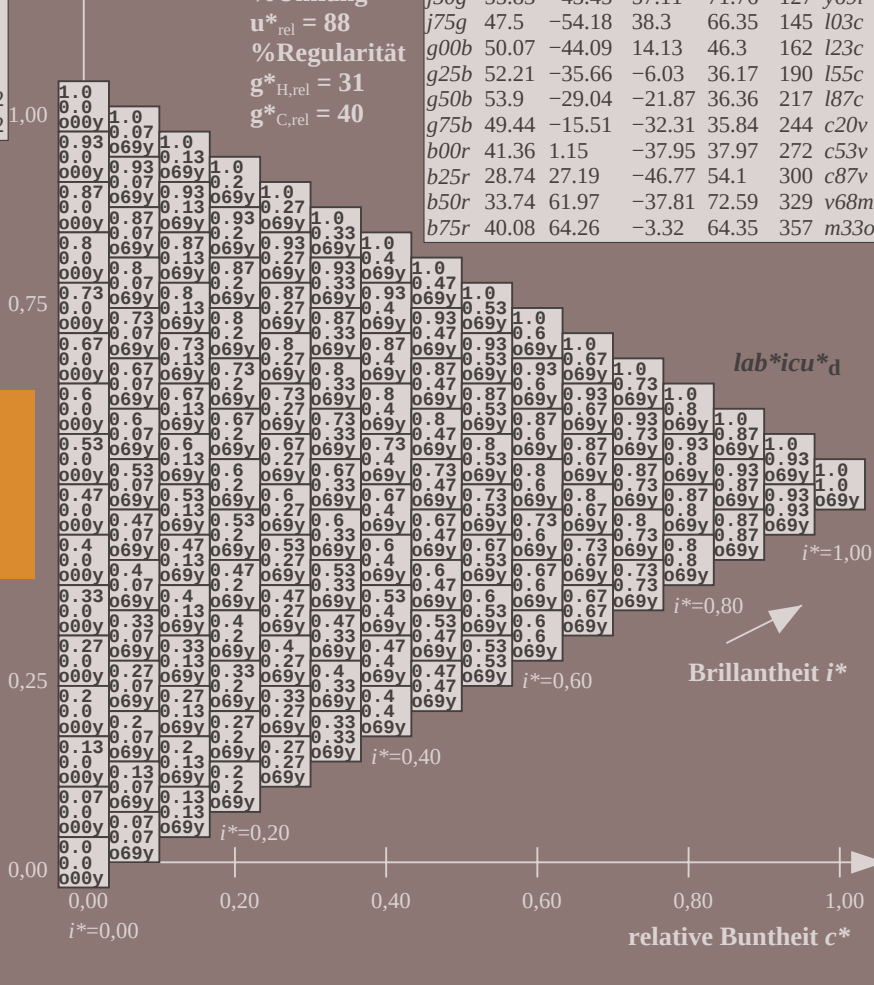
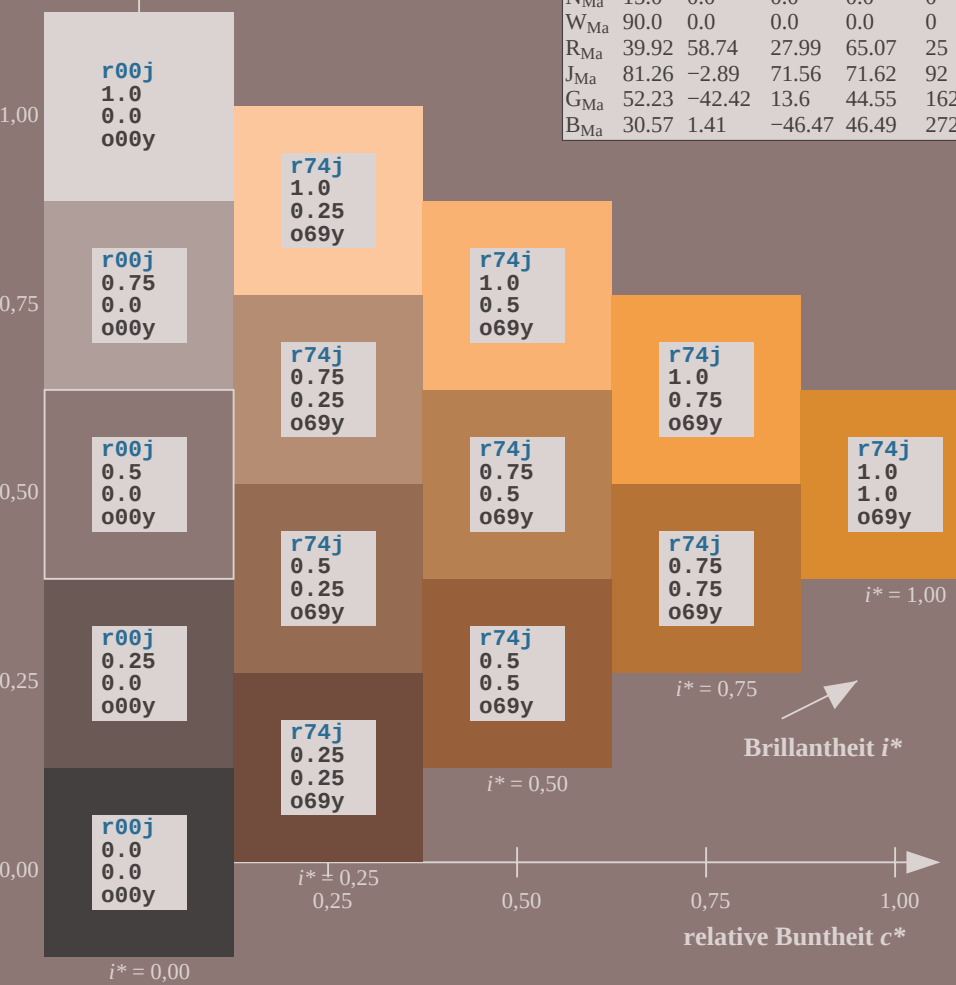
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

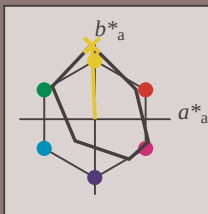
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 82 -4 98

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 82 98 92

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 1.0 1.0 0.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 1.0 0.99 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

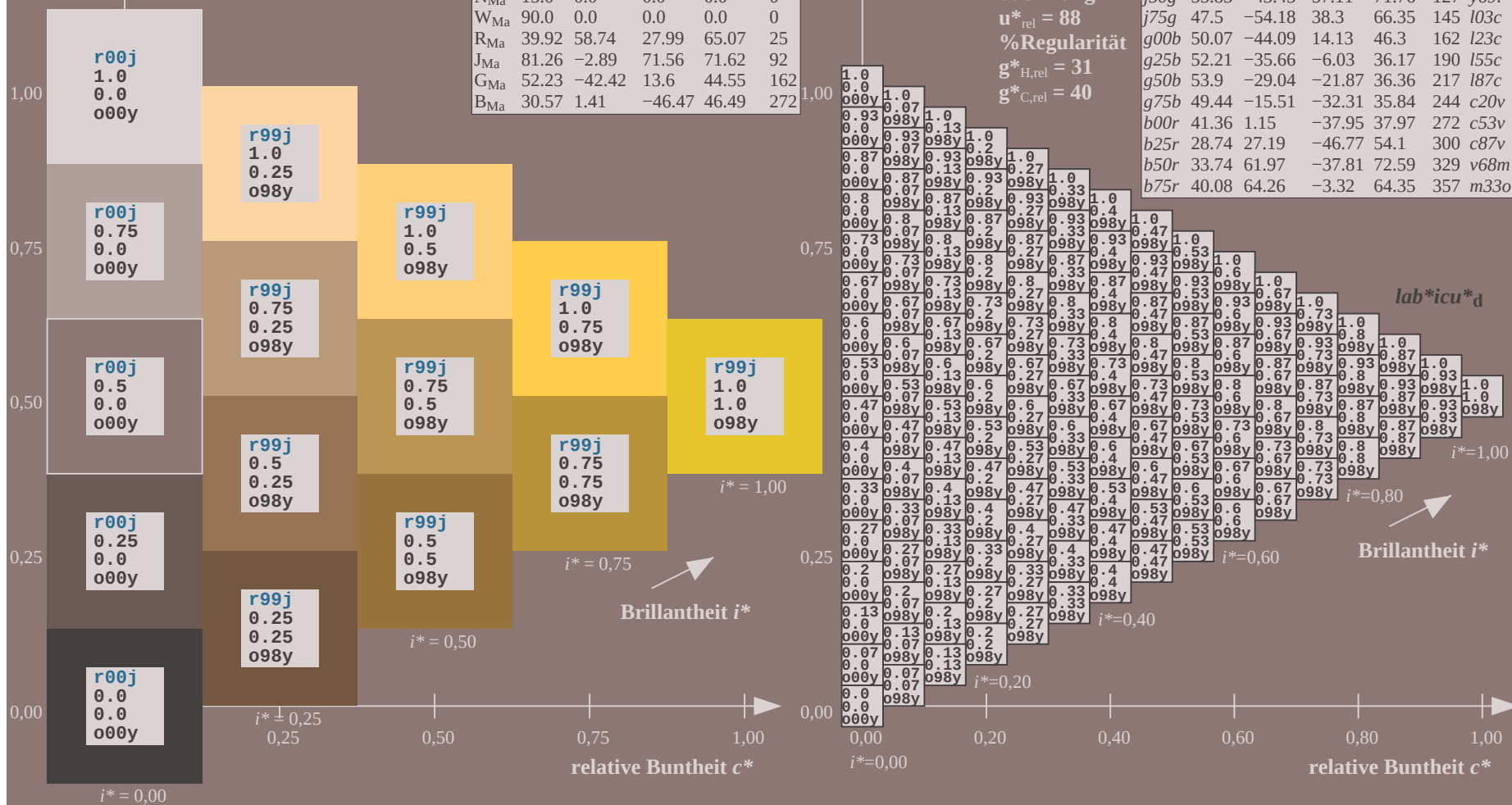
%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de](http://www.ps.bam.de) Version 2.1, io=1,1, CIELAB, ColSpX=0

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

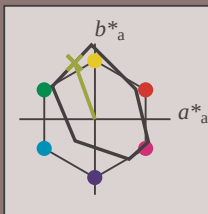
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |         |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |         |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |         |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |         |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |         |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |         |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |         |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |         |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |         |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |         |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -27 75

$LAB^*LCH^*_{Ma}$ : 67 79 109

$lab^*rgb^*_{Ma}$ : 0.75 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.66 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

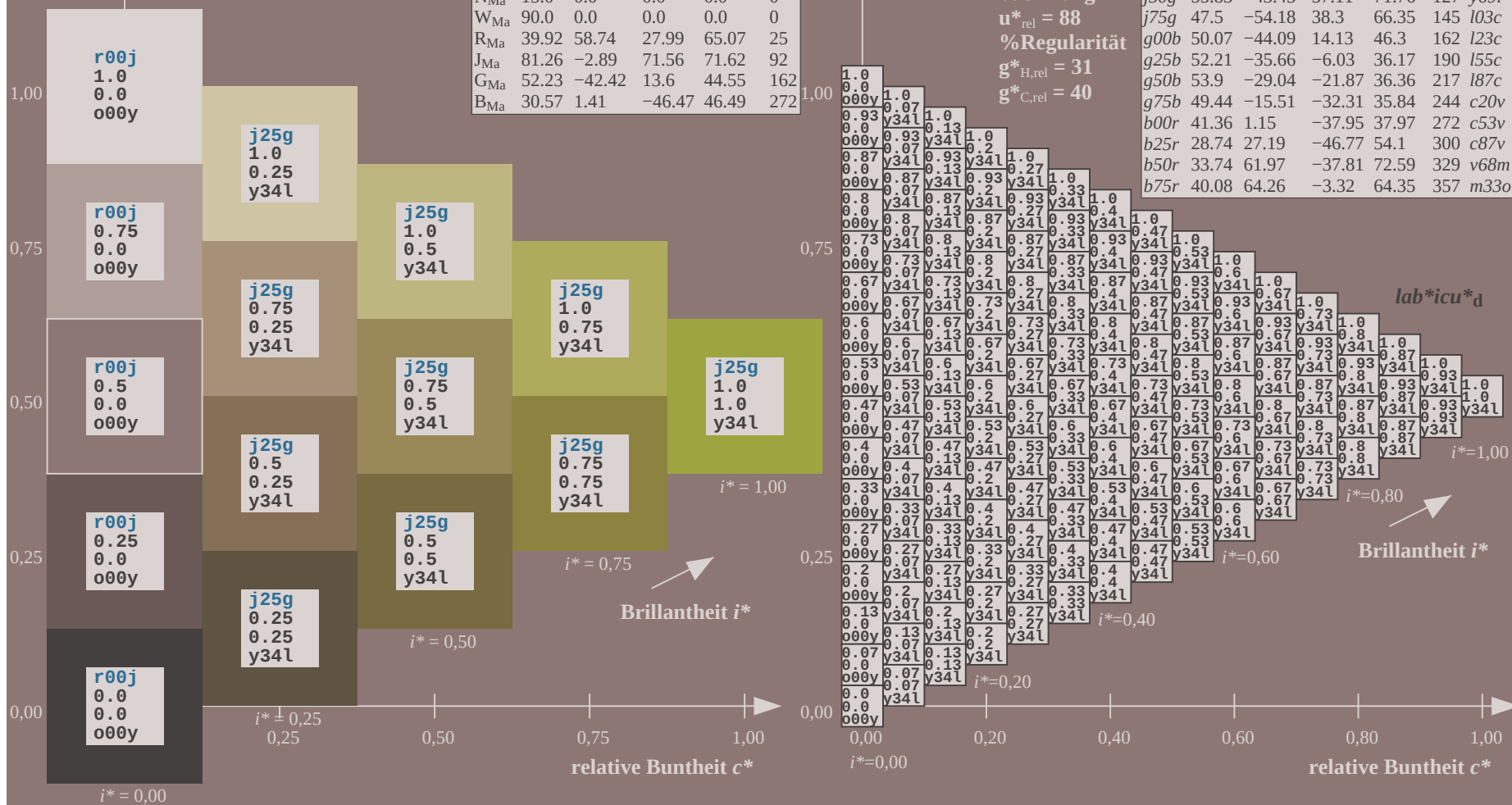
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |





Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

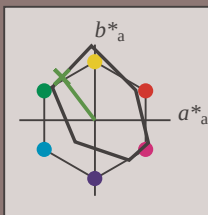
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |         |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |         |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |         |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |         |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |         |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |         |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |         |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |         |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |         |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |         |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 56 -43 57

$LAB^*LCH^*_{Ma}$ : 56 72 127

$lab^*rgb^*_{Ma}$ : 0.5 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

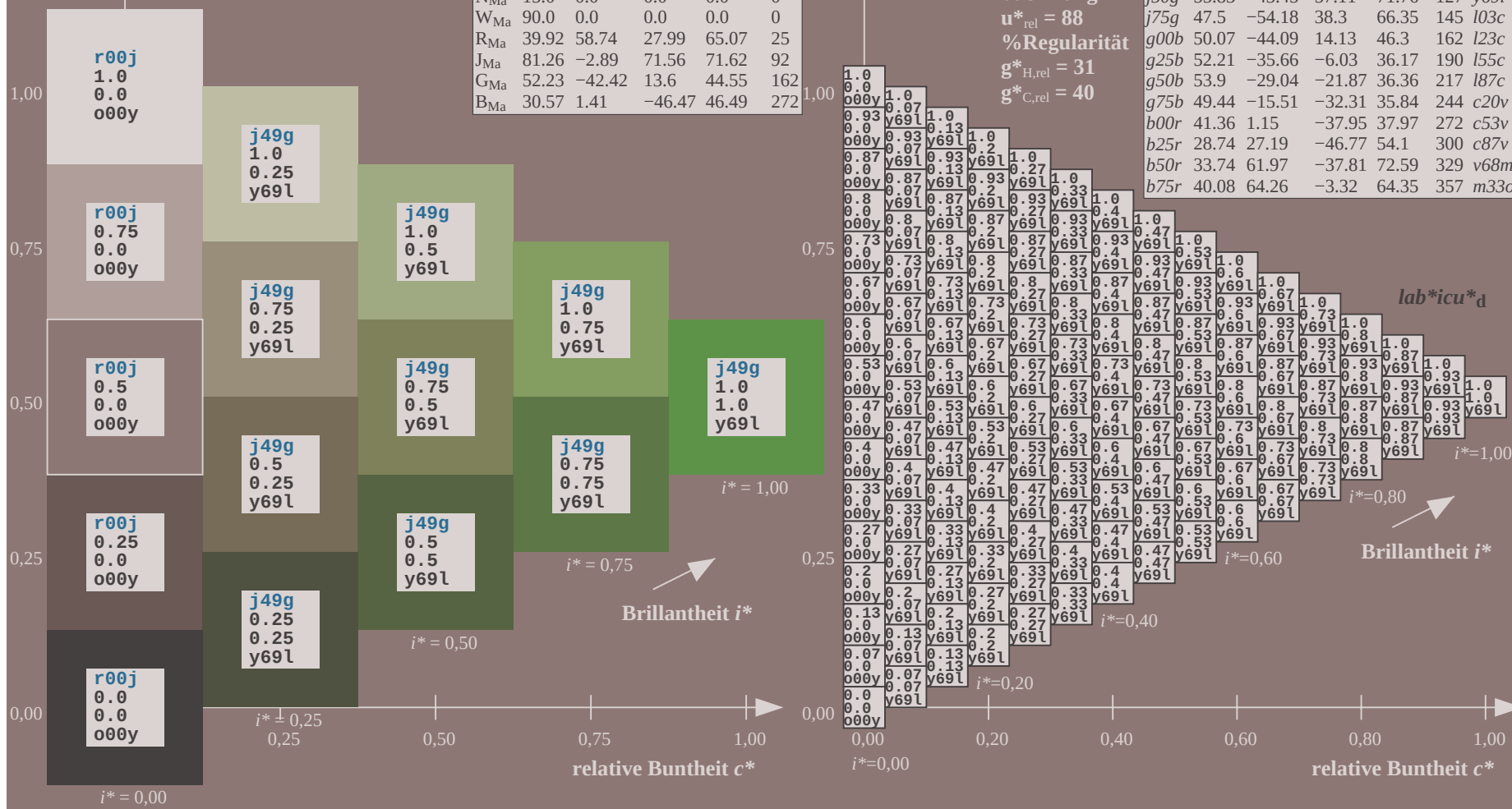
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

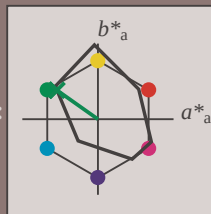
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

$lab^*rgb^*_{Ma}$ : 0.25 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | i03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | i23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | i55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | i87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

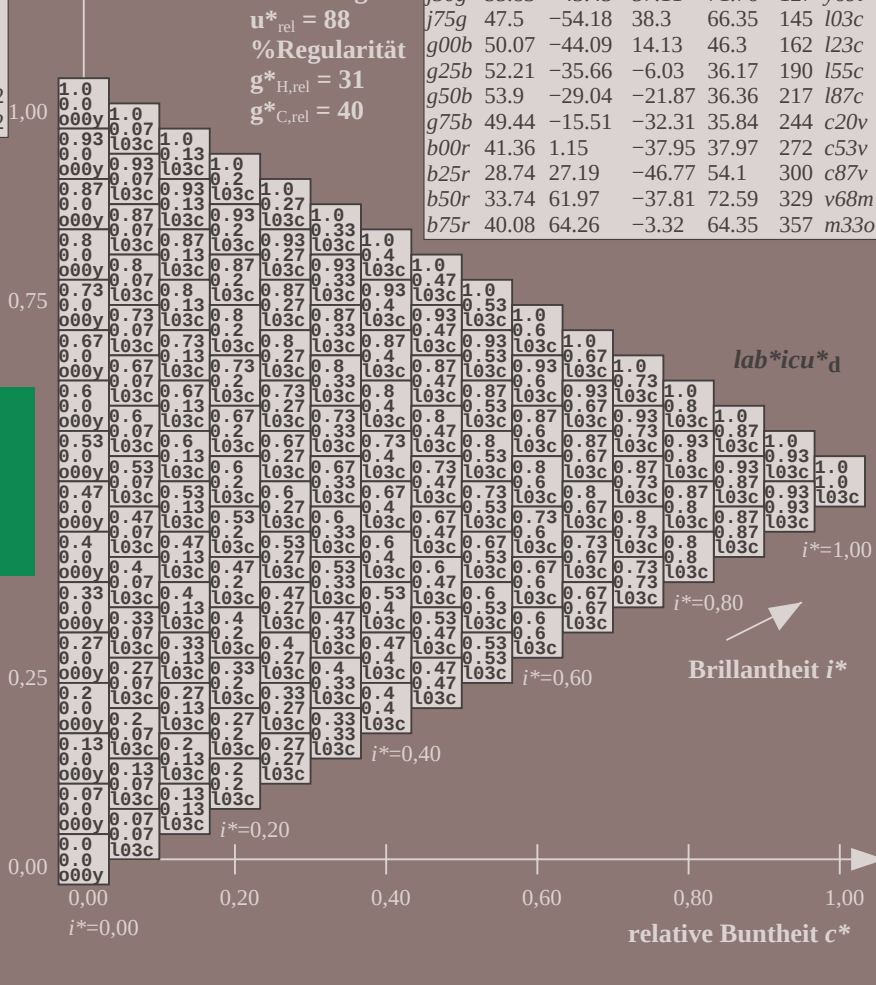
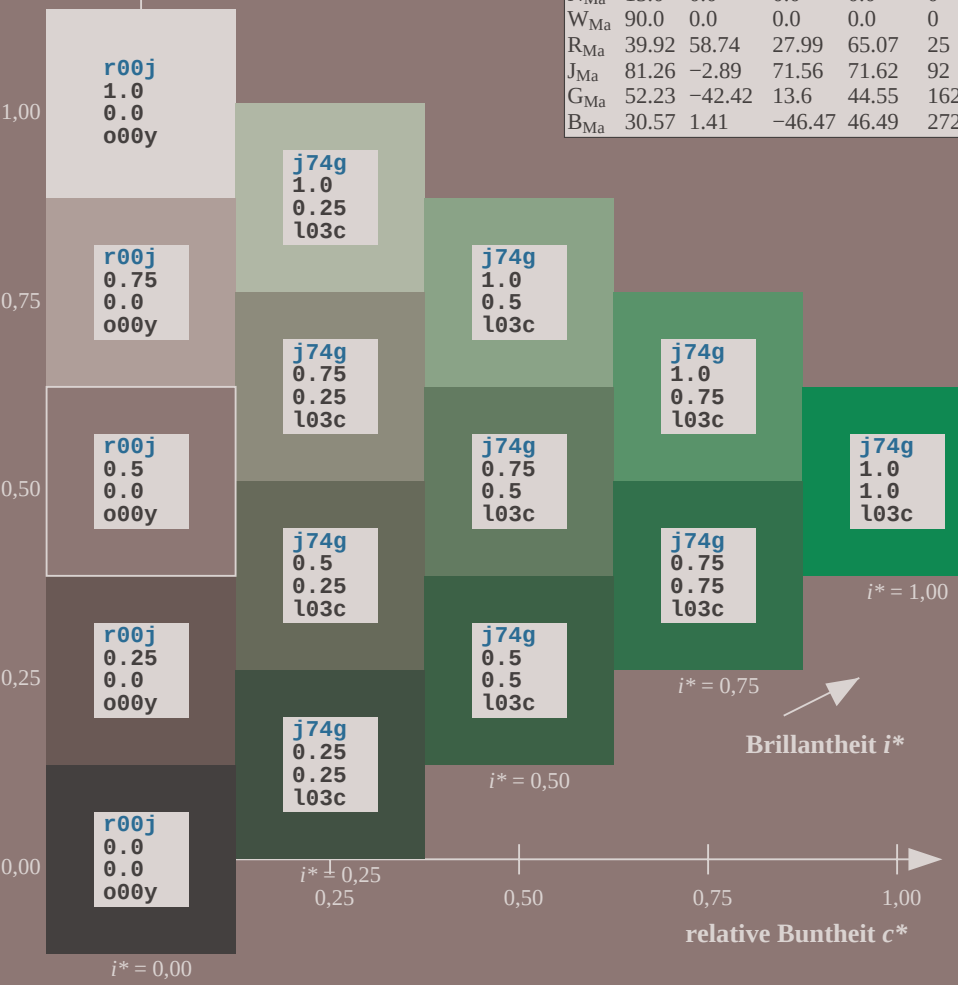
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

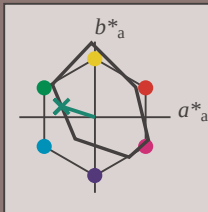
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 50 -44 14

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 50 46 162

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.0 1.0 0.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$\text{lab}^*\text{icu}^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

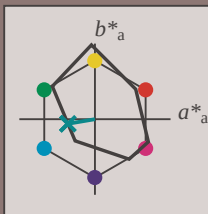
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |         |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |         |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |         |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |         |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |         |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |         |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |         |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |         |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |         |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |         |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.5

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $t^*$

%Umfang

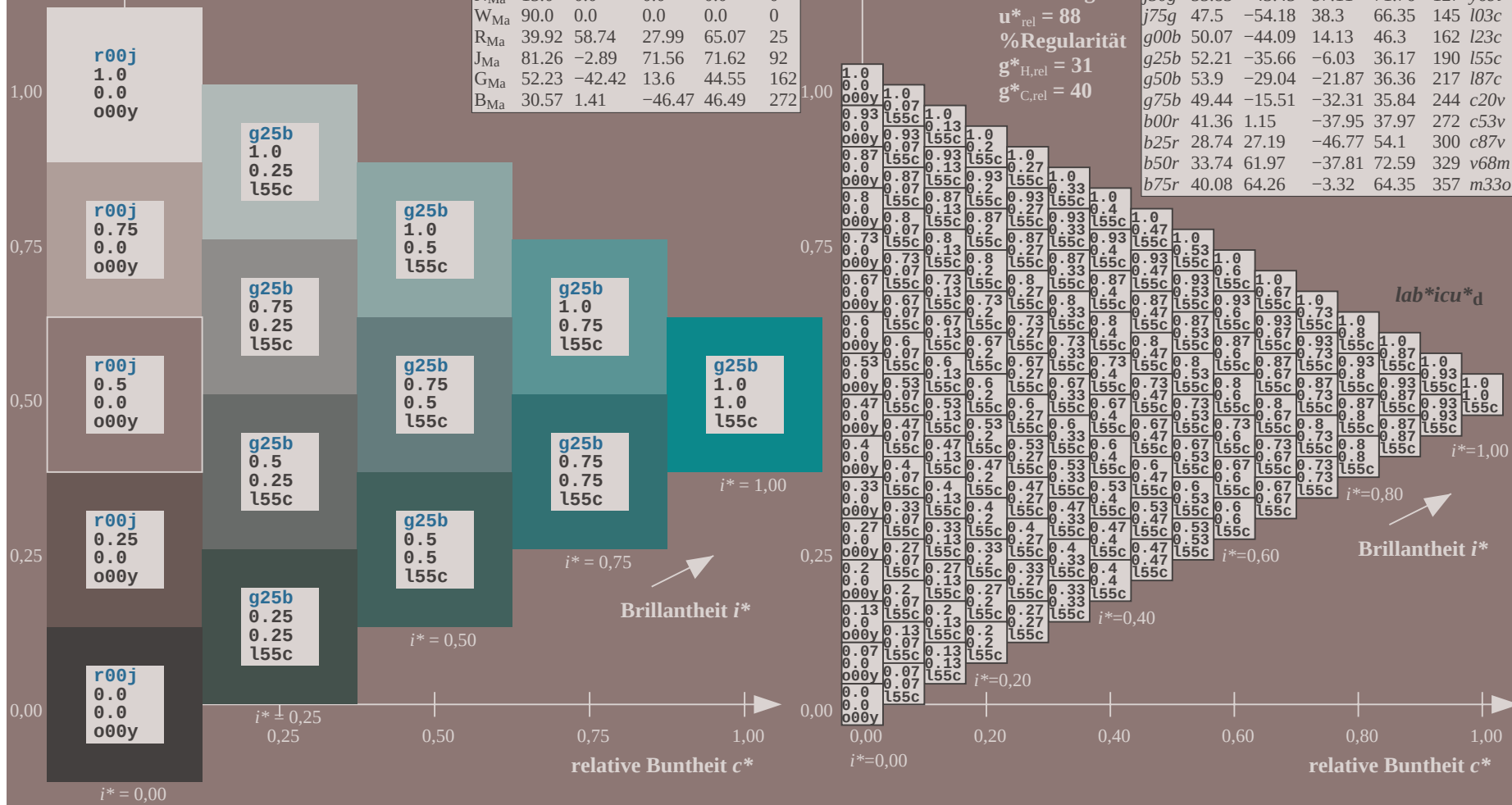
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |





Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

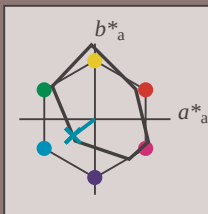
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub> | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub> | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub> | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub> | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub> | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub> | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub> | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub> | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub> | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub> | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub> | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

$lab^*rgb^*_{Ma}$ : 0.0 1.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$lab^*icu^*_d$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

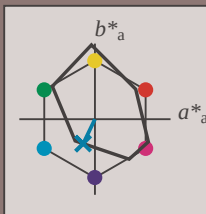
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |         |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |         |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |         |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |         |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |         |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |         |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |         |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |         |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |         |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |         |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 49 -16 -32

$LAB^*LCH^*_{Ma}$ : 49 36 244

$lab^*rgb^*_{Ma}$ : 0.0 0.5 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

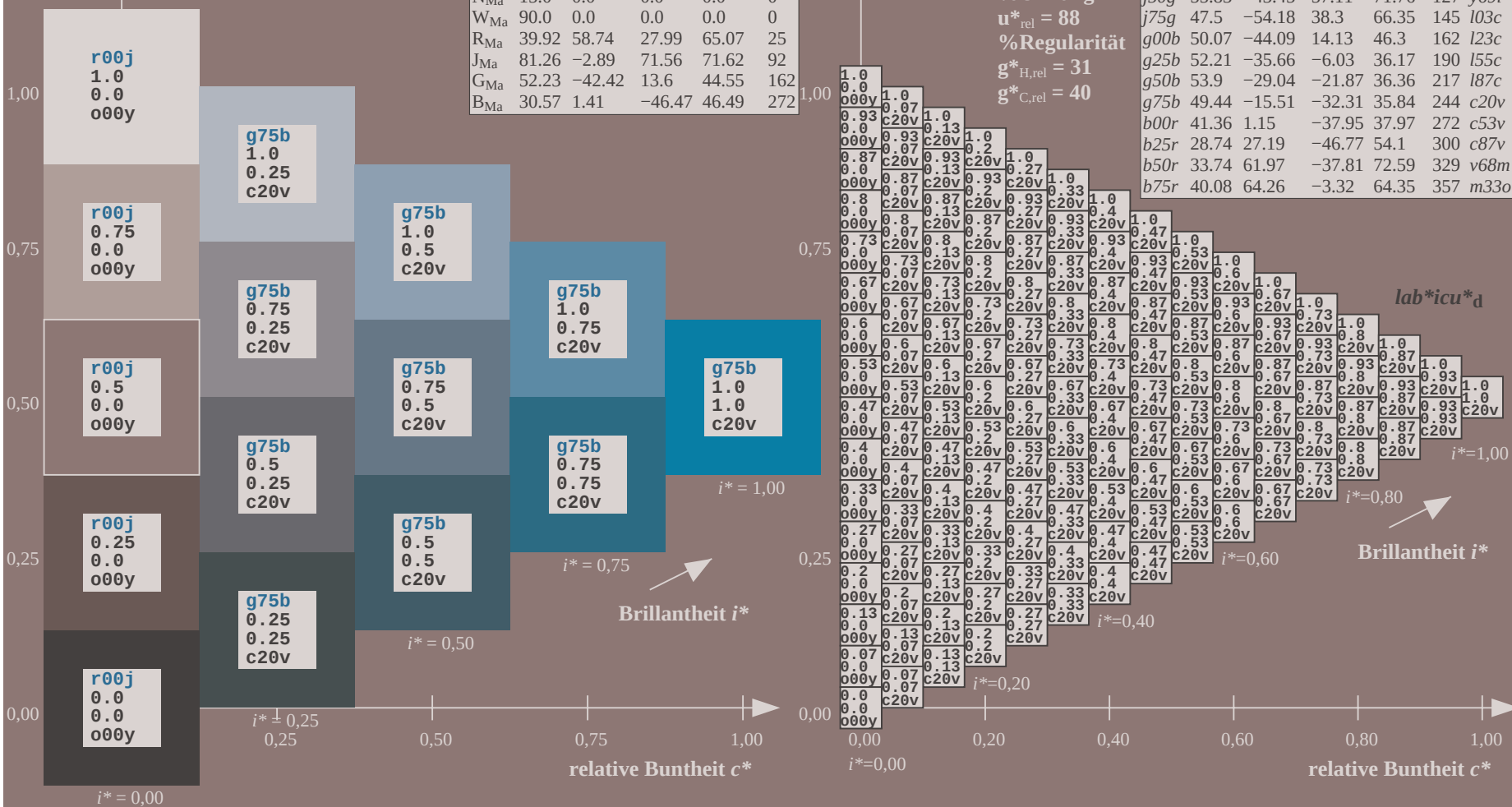
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |





### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

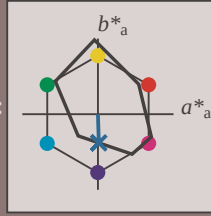
## Bunttontexte:

$$u_e^* = b00r \quad u_d^* = c53v$$

## Kontrastreduzierungsfaktor:

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8    | 53.92       | 39.68   | 66.95   | 36           |              |
| Y <sub>Ma</sub>                    | 82.58   | -4.64       | 98.22   | 98.33   | 93           |              |
| L <sub>Ma</sub>                    | 46.95   | -56.34      | 43.46   | 71.15   | 142          |              |
| C <sub>Ma</sub>                    | 54.62   | -26.2       | -28.68  | 38.85   | 228          |              |
| V <sub>Ma</sub>                    | 20.01   | 45.2        | -52.87  | 69.56   | 311          |              |
| M <sub>Ma</sub>                    | 40.88   | 70.68       | -29.99  | 76.78   | 337          |              |
| N <sub>Ma</sub>                    | 15.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| W <sub>Ma</sub>                    | 90.0    | 0.0         | 0.0     | 0.0     | 0            |              |
| R <sub>Ma</sub>                    | 39.92   | 58.74       | 27.99   | 65.07   | 25           |              |
| J <sub>Ma</sub>                    | 81.26   | -2.89       | 71.56   | 71.62   | 92           |              |
| G <sub>Ma</sub>                    | 52.23   | -42.42      | 13.6    | 44.55   | 162          |              |
| B <sub>Ma</sub>                    | 30.57   | 1.41        | -46.47  | 46.49   | 272          |              |

### Daten für Maximalfarbe (Ma):

**LAB\*LAB\*M<sub>2</sub>: 41 1 -38**

LAB\*LCH\* : 41 38 271

LAB LCH Ma: 41 56 2  
Lab LCH: 63 63 63

*lab\*rgb*\*Ma: 0.0 0.0 1.0

*lab\*olv\**<sub>Ma</sub>: 0.0 0.47 1.0

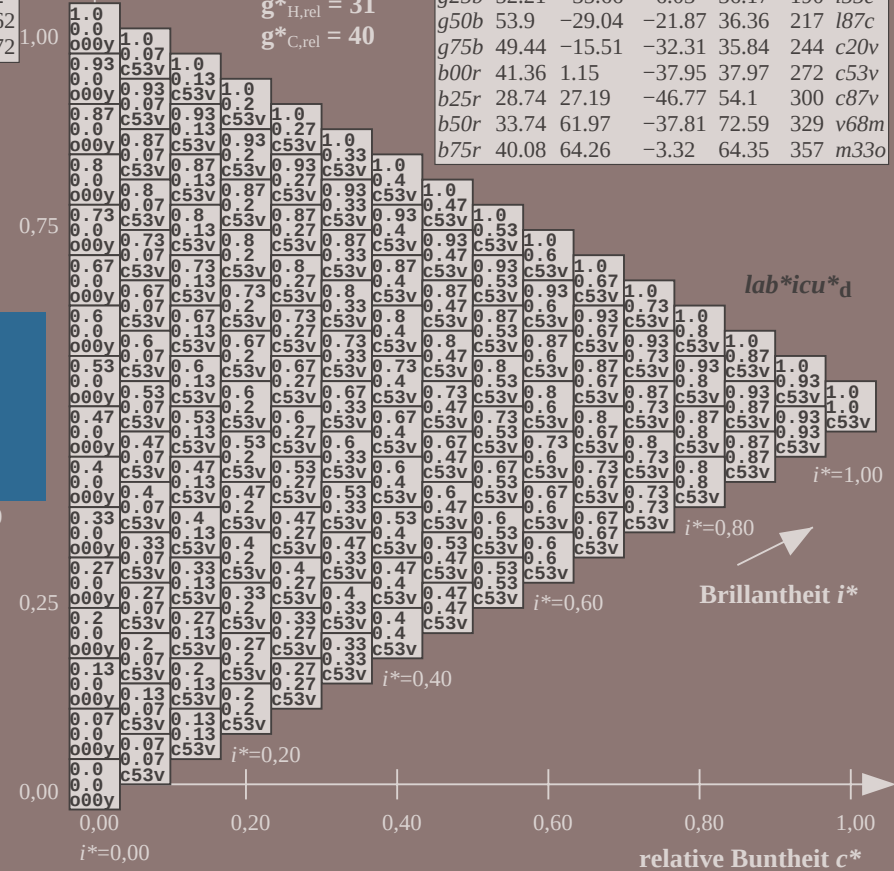
### Dreiecks-Helligkeit $t^*$

0/31

## %Umfang

$$\mathbf{u}_{\text{rel}}^* = 88$$

**%Regular**

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$


Brillantheit  $i^*$

[illegible]

### Relative Buntheit c\*

BAM-Prüfvorlage Eg11; Farbmatrik-Systeme, Seite 212/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmy0\* setcmyk

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

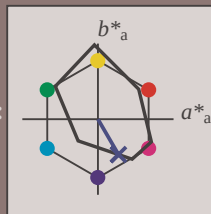
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 29 27 -47

$LAB^*LCH^*_{Ma}$ : 29 54 300

$lab^*rgb^*_{Ma}$ : 0.5 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

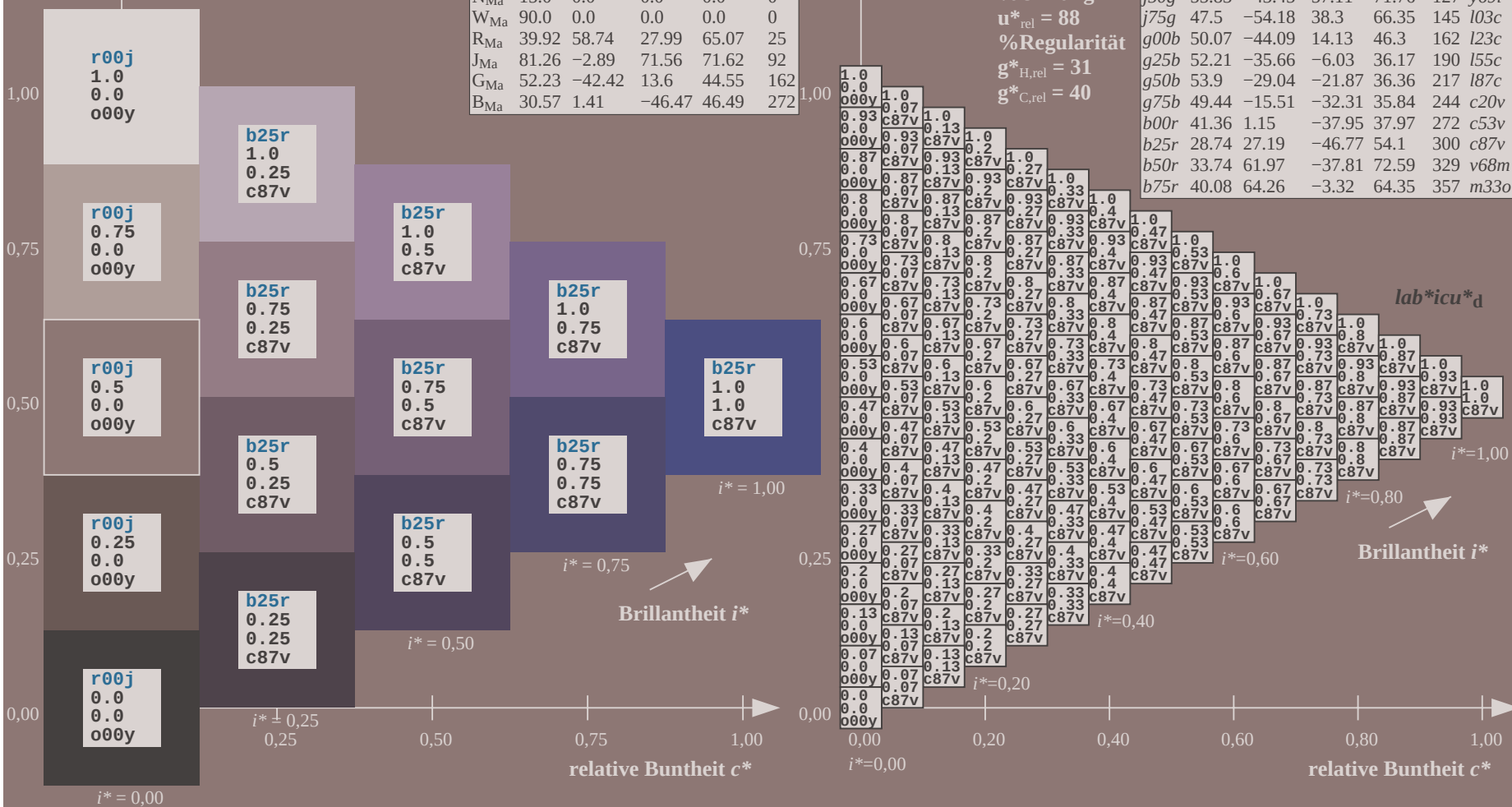
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rh4ta4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

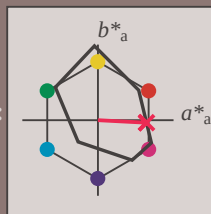
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m330$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| O <sub>Ma</sub>                    | 38.8        | 53.92   | 39.68   | 66.95        | 36           |         |
| Y <sub>Ma</sub>                    | 82.58       | -4.64   | 98.22   | 98.33        | 93           |         |
| L <sub>Ma</sub>                    | 46.95       | -56.34  | 43.46   | 71.15        | 142          |         |
| C <sub>Ma</sub>                    | 54.62       | -26.2   | -28.68  | 38.85        | 228          |         |
| V <sub>Ma</sub>                    | 20.01       | 45.2    | -52.87  | 69.56        | 311          |         |
| M <sub>Ma</sub>                    | 40.88       | 70.68   | -29.99  | 76.78        | 337          |         |
| N <sub>Ma</sub>                    | 15.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| W <sub>Ma</sub>                    | 90.0        | 0.0     | 0.0     | 0.0          | 0            |         |
| R <sub>Ma</sub>                    | 39.92       | 58.74   | 27.99   | 65.07        | 25           |         |
| J <sub>Ma</sub>                    | 81.26       | -2.89   | 71.56   | 71.62        | 92           |         |
| G <sub>Ma</sub>                    | 52.23       | -42.42  | 13.6    | 44.55        | 162          |         |
| B <sub>Ma</sub>                    | 30.57       | 1.41    | -46.47  | 46.49        | 272          |         |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 64 -3

$LAB^*LCH^*_{Ma}$ : 40 64 357

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.5

$lab^*olv^*_{Ma}$ : 1.0 0.0 0.66

Dreiecks-Helligkeit  $t^*$

%Umfang

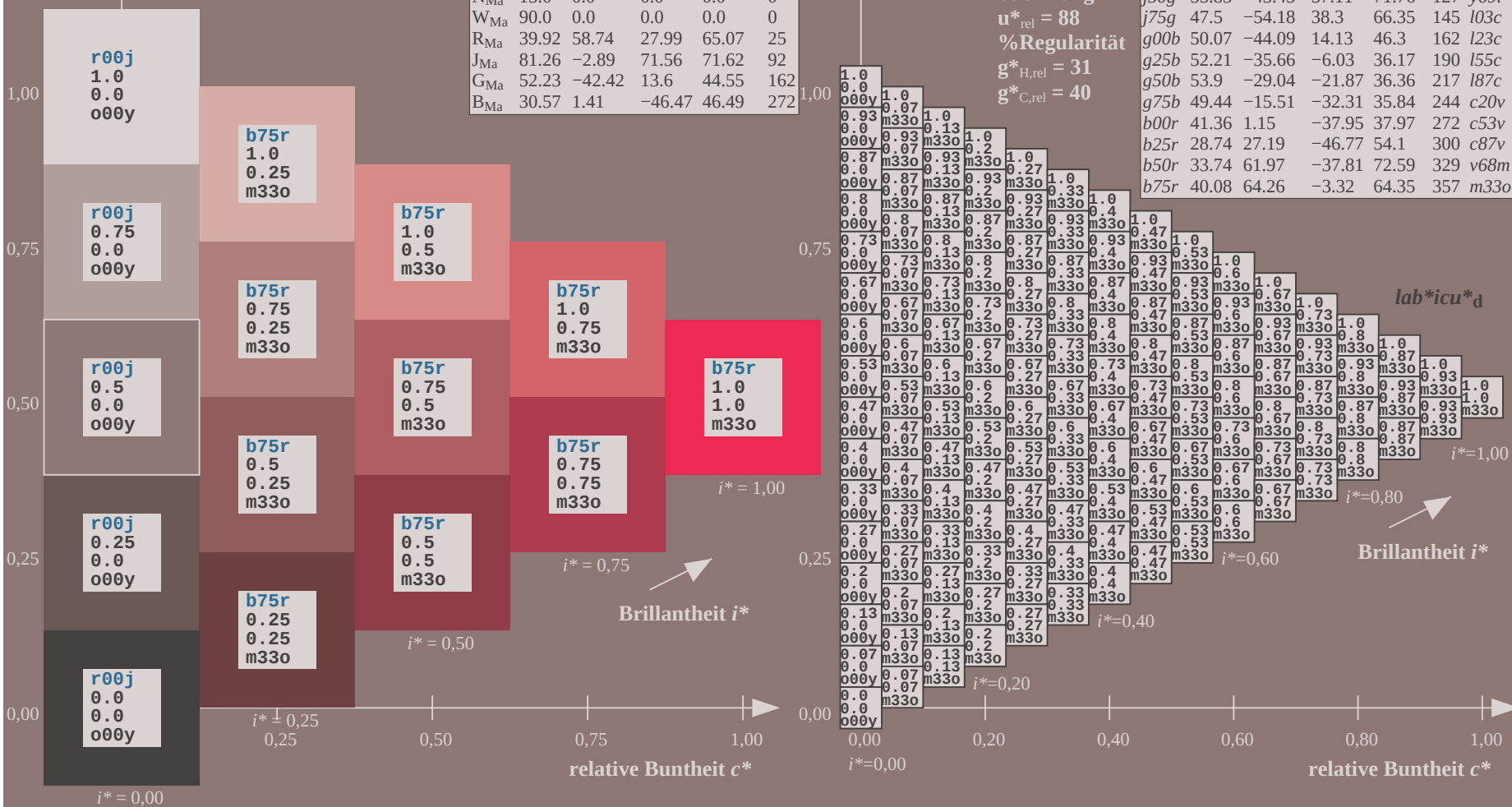
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m330    |





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpx=0](http://www.ps.bam.de/Version%202.1,%20io=1,1,CIELAB,ColSpx=0)

|    | A   | B    | C    | D    | E   | F    | G    | H    | I   | J    | K    | L    | M    | N   | O    | P    | Q    | R   | S    | T    | U    | V    | W   | X    | Y    | Z    | a   | b    | c    | d    | e    | f   | g    | h    | i    | j   | k   | lab* | icu* | d   |
|----|-----|------|------|------|-----|------|------|------|-----|------|------|------|------|-----|------|------|------|-----|------|------|------|------|-----|------|------|------|-----|------|------|------|------|-----|------|------|------|-----|-----|------|------|-----|
| 01 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 1.0  | 1.0  | 1.0  | 1.0  | 1.0 | 1.0  | 1.0  | 1.0  | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 02 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 03 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 04 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 05 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 06 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 07 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 08 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 09 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 10 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 11 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 12 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 13 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 14 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 15 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 16 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 17 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 18 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 19 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 20 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 21 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 22 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 23 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 24 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 25 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 26 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |
| 27 | 0.0 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.25 | 0.25 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.13 | 0.13 | 0.25 | 0.38 | 0.5 | 0.63 | 0.75 | 0.88 | 1.0 | 0.0 | 0.0  | 0.0  | 0.0 |

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF    BAM-Material: Code=thata  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS15\_90a  
Daten für jede Farbe:

$u^*_e$  und Nummer Nr. = 00 .. 15

Elementar-Bunttontext:

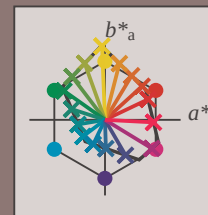
$u^*_e$  = 16 Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| $r00j$  | 39.18       | 56.94   | 27.13   | 63.07        | 25           | $m81o$  |
| $r25j$  | 42.41       | 49.1    | 44.5    | 66.26        | 42           | $o10y$  |
| $r50j$  | 52.78       | 35.22   | 58.37   | 68.17        | 59           | $o40y$  |
| $r75j$  | 64.82       | 19.12   | 74.47   | 76.89        | 76           | $o69y$  |
| $j00g$  | 82.06       | -3.94   | 97.52   | 97.6         | 92           | $o98y$  |
| $j25g$  | 67.26       | -26.87  | 74.67   | 79.36        | 110          | $y34l$  |
| $j50g$  | 55.83       | -43.45  | 57.11   | 71.76        | 127          | $y69l$  |
| $j75g$  | 47.5        | -54.18  | 38.3    | 66.35        | 145          | $l03c$  |
| $g00b$  | 50.07       | -44.09  | 14.13   | 46.3         | 162          | $l23c$  |
| $g25b$  | 52.21       | -35.66  | -6.03   | 36.17        | 190          | $l55c$  |
| $g50b$  | 53.9        | -29.04  | -21.87  | 36.36        | 217          | $l87c$  |
| $g75b$  | 49.44       | -15.51  | -32.31  | 35.84        | 244          | $c20v$  |
| $b00r$  | 41.36       | 1.15    | -37.95  | 37.97        | 272          | $c53v$  |
| $b25r$  | 28.74       | 27.19   | -46.77  | 54.1         | 300          | $c87v$  |
| $b50r$  | 33.74       | 61.97   | -37.81  | 72.59        | 329          | $v68m$  |
| $b75r$  | 40.08       | 64.26   | -3.32   | 64.35        | 357          | $m33o$  |



%Umfang

$u^*_{rel} = 88$

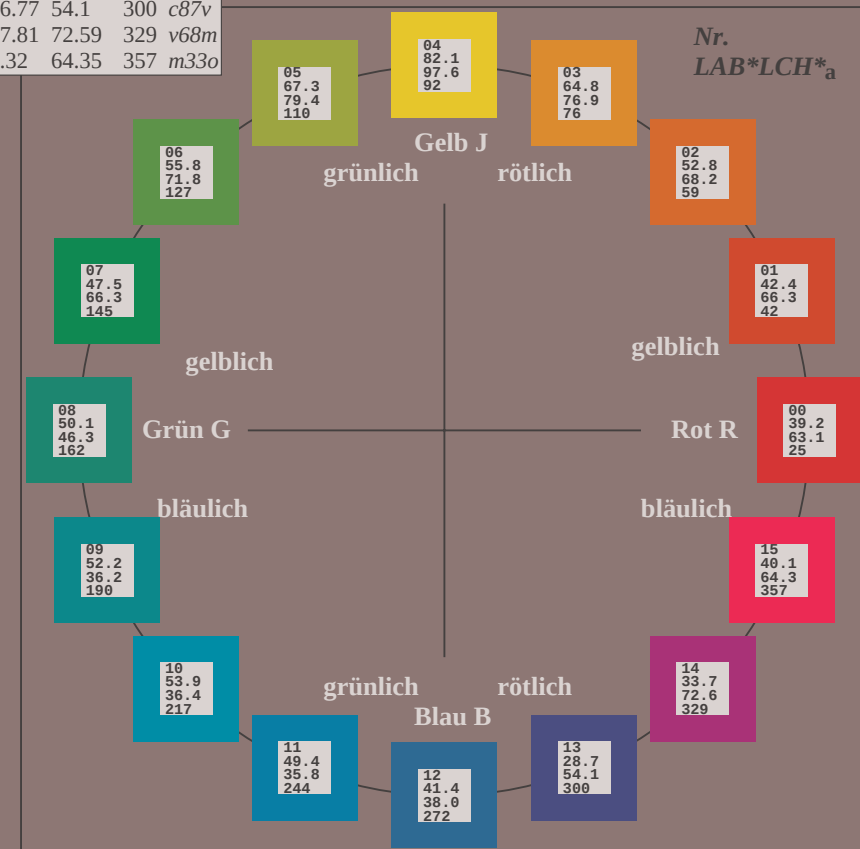
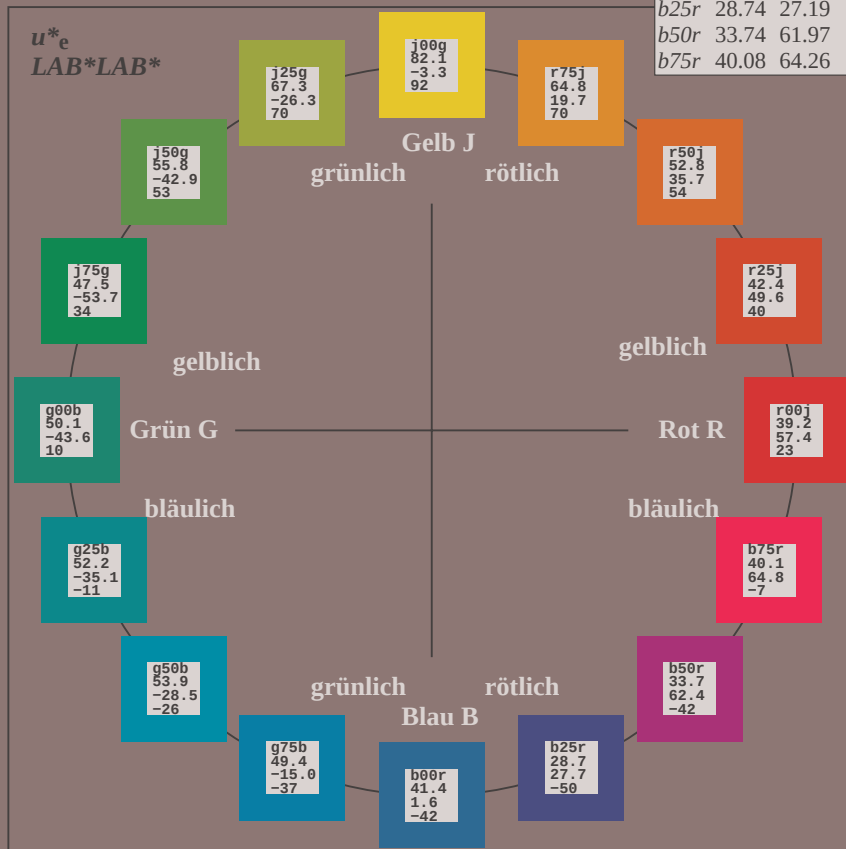
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90; CIELAB-Daten

| Name      | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|-----------|-----------|--------|--------|------------|------------|
| $O_M$     | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| $Y_M$     | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| $L_M$     | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| $C_M$     | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| $V_M$     | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| $M_M$     | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| $N_M$     | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| $W_M$     | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| $R_{CIE}$ | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| $J_{CIE}$ | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| $G_{CIE}$ | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| $B_{CIE}$ | 30.57     | 1.41   | -46.47 | 46.49      | 272        |





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11/](http://www.ps.bam.de/Eg11/)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

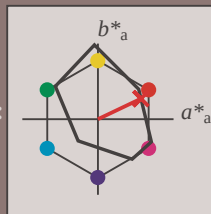
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 39 57 27

$LAB^*LCH^*Ma$ : 39 63 25

$lab^*rgb^*Ma$ : 1.0 0.0 0.0

$lab^*olv^*Ma$ : 1.0 0.0 0.18

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$u^*_e = r00j$   
 $LAB^*LAB^*$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$LAB^*LAB^*$

$i^* = 1.00$

Brillantheit  $i^*$

relative Buntheit  $c^*$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11G00FP.PS/](http://www.ps.bam.de/Eg11G00FP.PS/) PDF BAM-Material: Code=rha4ta  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

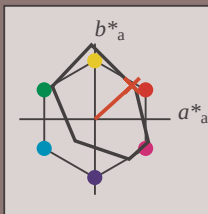
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*\text{Ma}$ : 42 49 44

$\text{LAB}^*\text{LCH}^*\text{Ma}$ : 42 66 42

$\text{lab}^*\text{rgb}^*\text{Ma}$ : 1.0 0.25 0.0

$\text{lab}^*\text{olv}^*\text{Ma}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

$u^*_e = r25j$   
 $\text{LAB}^*\text{LAB}^*$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$\text{LAB}^*\text{LAB}^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

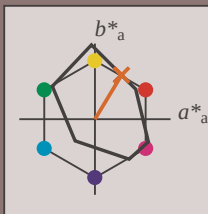
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 53 35 58

$LAB^*LCH^*Ma$ : 53 68 58

$lab^*rgb^*Ma$ : 1.0 0.5 0.0

$lab^*olv^*Ma$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$LAB^*LAB^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

relative Buntheit  $c^*$

### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

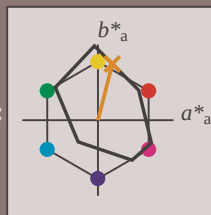
### Bunttexte:

$$u_e^* = r75j \quad u_d^* = o69y$$

**Kontrastreduzierungsfaktor:**

 $c_D = 0.9$ 

### K Dreiecks-Helligkeit $t^*$



| FRS15_90; CIELAB-Daten |           |        |        |            |            |  |
|------------------------|-----------|--------|--------|------------|------------|--|
| $u_e^*$                | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |  |
| O <sub>M</sub>         | 38.8      | 54.41  | 35.65  | 65.05      | 33         |  |
| Y <sub>M</sub>         | 82.58     | -4.04  | 92.72  | 92.8       | 92         |  |
| L <sub>M</sub>         | 46.95     | -55.83 | 39.15  | 68.19      | 143        |  |
| C <sub>M</sub>         | 54.62     | -25.67 | -33.25 | 42.01      | 233        |  |
| V <sub>M</sub>         | 20.01     | 45.64  | -56.27 | 72.45      | 309        |  |
| M <sub>M</sub>         | 40.88     | 71.17  | -34.09 | 78.92      | 334        |  |
| N <sub>M</sub>         | 15.0      | 0.43   | -3.23  | 3.26       | 278        |  |
| W <sub>M</sub>         | 90.0      | 0.62   | -5.76  | 5.79       | 270        |  |
| R <sub>M</sub>         | 39.92     | 58.74  | 27.99  | 65.07      | 25         |  |
| J <sub>M</sub>         | 81.26     | -2.89  | 71.56  | 71.62      | 92         |  |
| G <sub>M</sub>         | 52.23     | -42.42 | 13.6   | 44.55      | 162        |  |
| B <sub>M</sub>         | 30.57     | 1.41   | -46.47 | 46.49      | 273        |  |

### Daten für Maximalfarbe (Ma):

LAB\*LAB\*Ms: 65 19 74

|          |    |    |    |
|----------|----|----|----|
| LAB*LGH* | 65 | 55 | 55 |
|----------|----|----|----|

**LAB\*LCH\*Ma: 65 77 75**

*lab\*rgb*<sub>Ma</sub>: 1.0 0.75 0.

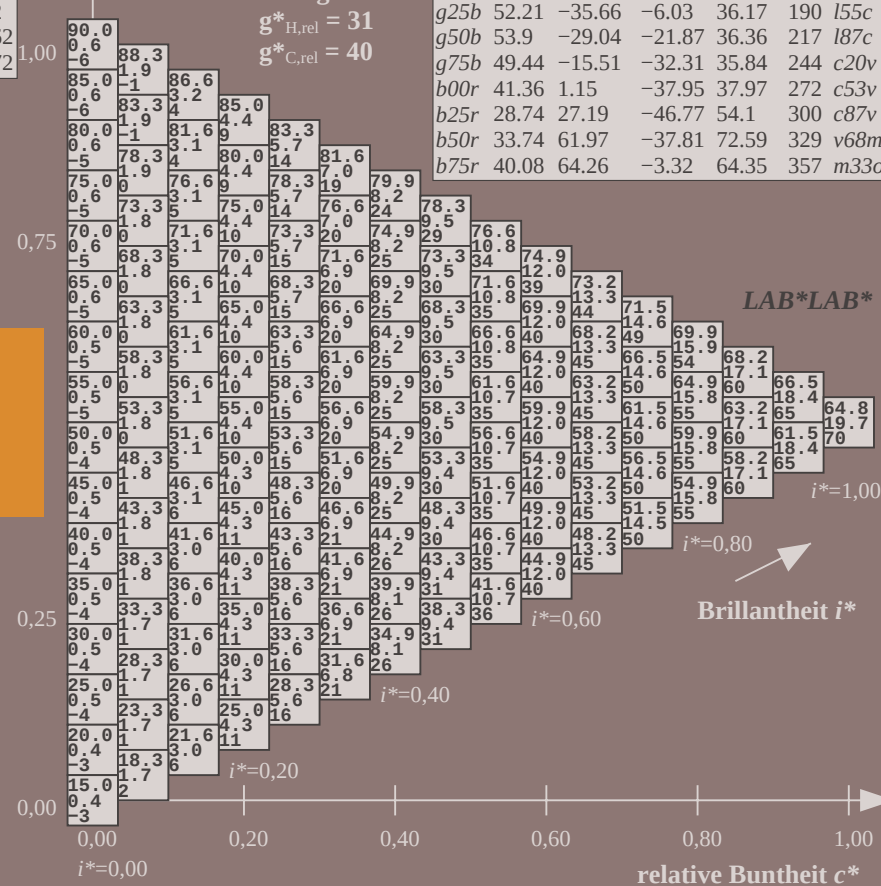
*lab\*olv\**Ma: 1.0 0.7 0.0

Dreiecks-Helligkeit  $t^*$ 

## %Umfang

$$\mathbf{u}_{\text{rel}}^* = 88$$

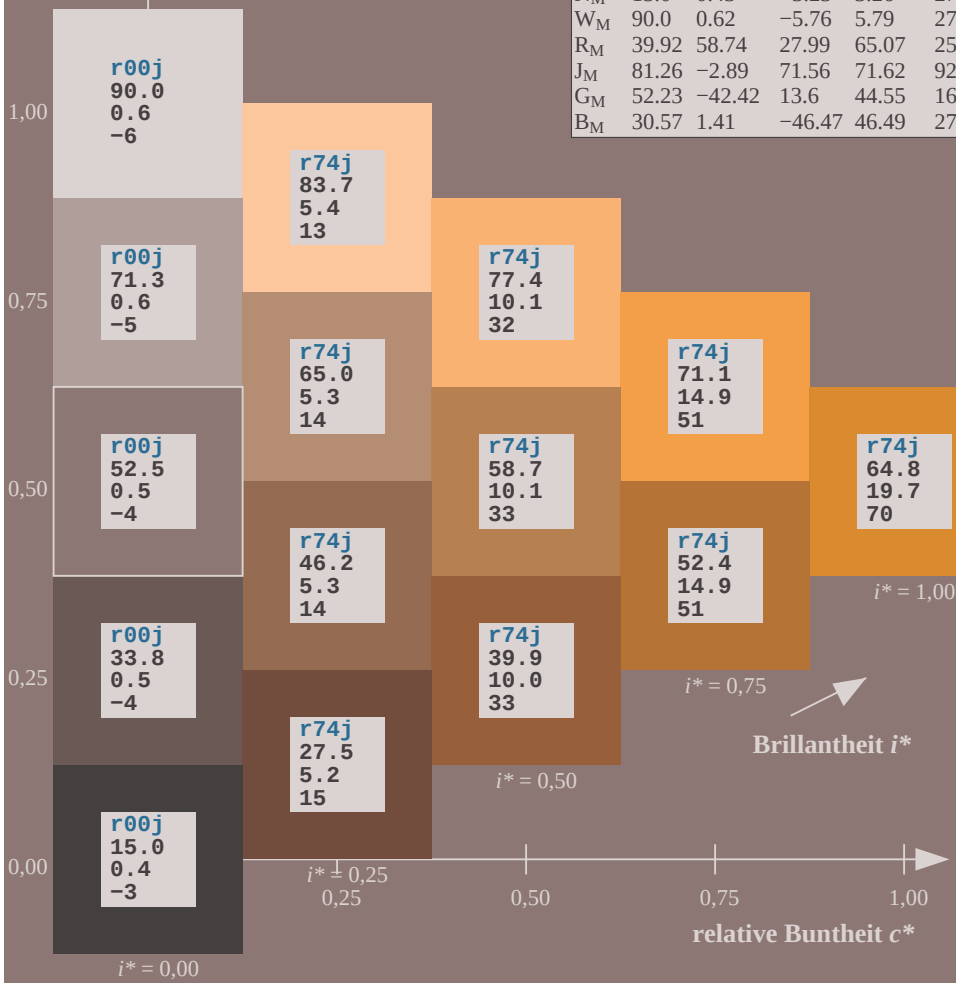
### %Regularität

$$g_{\text{H rel}}^* = 31$$
$$g^*_{C_{rel}} = 40$$


$u_e^* = r75j$   
LAB\*LAB\*

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |             |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|-------------|--|
| $u_e^*$                            | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u_d^*$     |  |
| <i>r00j</i>                        | 39.18       | 56.94   | 27.13   | 63.07        | 25           | <i>m81c</i> |  |
| <i>r25j</i>                        | 42.41       | 49.1    | 44.5    | 66.26        | 42           | <i>o10y</i> |  |
| <i>r50j</i>                        | 52.78       | 35.22   | 58.37   | 68.17        | 59           | <i>o40y</i> |  |
| <i>r75j</i>                        | 64.82       | 19.12   | 74.47   | 76.89        | 76           | <i>o69y</i> |  |
| <i>j00g</i>                        | 82.06       | -3.94   | 97.52   | 97.6         | 92           | <i>o98y</i> |  |
| <i>j25g</i>                        | 67.26       | -26.87  | 74.67   | 79.36        | 110          | <i>y34l</i> |  |
| <i>j50g</i>                        | 55.83       | -43.45  | 57.11   | 71.76        | 127          | <i>y69l</i> |  |
| <i>j75g</i>                        | 47.5        | -54.18  | 38.3    | 66.35        | 145          | <i>l03c</i> |  |
| <i>g00b</i>                        | 50.07       | -44.09  | 14.13   | 46.3         | 162          | <i>l23c</i> |  |
| <i>g25b</i>                        | 52.21       | -35.66  | -6.03   | 36.17        | 190          | <i>l55c</i> |  |
| <i>g50b</i>                        | 53.9        | -29.04  | -21.87  | 36.36        | 217          | <i>l87c</i> |  |
| <i>g75b</i>                        | 49.44       | -15.51  | -32.31  | 35.84        | 244          | <i>c20v</i> |  |
| <i>b00r</i>                        | 41.36       | 1.15    | -37.95  | 37.97        | 272          | <i>c53v</i> |  |
| <i>b25r</i>                        | 28.74       | 27.19   | -46.77  | 54.1         | 300          | <i>c87v</i> |  |
| <i>b50r</i>                        | 33.74       | 61.97   | -37.81  | 72.59        | 329          | <i>v68m</i> |  |
| <i>b75r</i>                        | 40.08       | 64.26   | -3.32   | 64.35        | 357          | <i>m33c</i> |  |

**LAB\*LAB:**



BAM-Prüfvorlage Eg11; Farbmatrik-Systeme, Seite 221/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne *r00j* bis *b75r*    Ausgabe: ->LAB\*->cmY0\* setcmyk

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
- Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: <http://www.ps.bam.de>

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

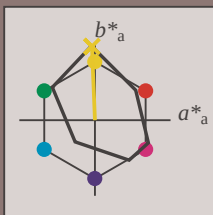
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90; CIELAB-Daten |         |           |        |       |            |            |
|------------------------|---------|-----------|--------|-------|------------|------------|
|                        | $u^*_e$ | $L^*=L^*$ | $a^*$  | $b^*$ | $C^*_{ab}$ | $h^*_{ab}$ |
| O <sub>M</sub>         | 38.8    | 54.41     | 35.65  | 65.05 | 33         |            |
| Y <sub>M</sub>         | 82.58   | -4.04     | 92.72  | 92.8  | 92         |            |
| L <sub>M</sub>         | 46.95   | -55.83    | 39.15  | 68.19 | 145        |            |
| C <sub>M</sub>         | 54.62   | -25.67    | -33.25 | 42.01 | 232        |            |
| V <sub>M</sub>         | 20.01   | 45.64     | -56.27 | 72.45 | 309        |            |
| M <sub>M</sub>         | 40.88   | 71.17     | -34.09 | 78.92 | 334        |            |
| N <sub>M</sub>         | 15.0    | 0.43      | -3.23  | 3.26  | 278        |            |
| W <sub>M</sub>         | 90.0    | 0.62      | -5.76  | 5.79  | 276        |            |
| R <sub>M</sub>         | 39.92   | 58.74     | 27.99  | 65.07 | 25         |            |
| J <sub>M</sub>         | 81.26   | -2.89     | 71.56  | 71.62 | 92         |            |
| G <sub>M</sub>         | 52.23   | -42.42    | 13.6   | 44.55 | 162        |            |
| B <sub>M</sub>         | 30.57   | 1.41      | -46.47 | 46.49 | 272        |            |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 82 -4 98

$LAB^*LCH^*Ma$ : 82 98 92

$lab^*rgb^*Ma$ : 1.0 1.0 0.0

$lab^*olv^*Ma$ : 1.0 0.99 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

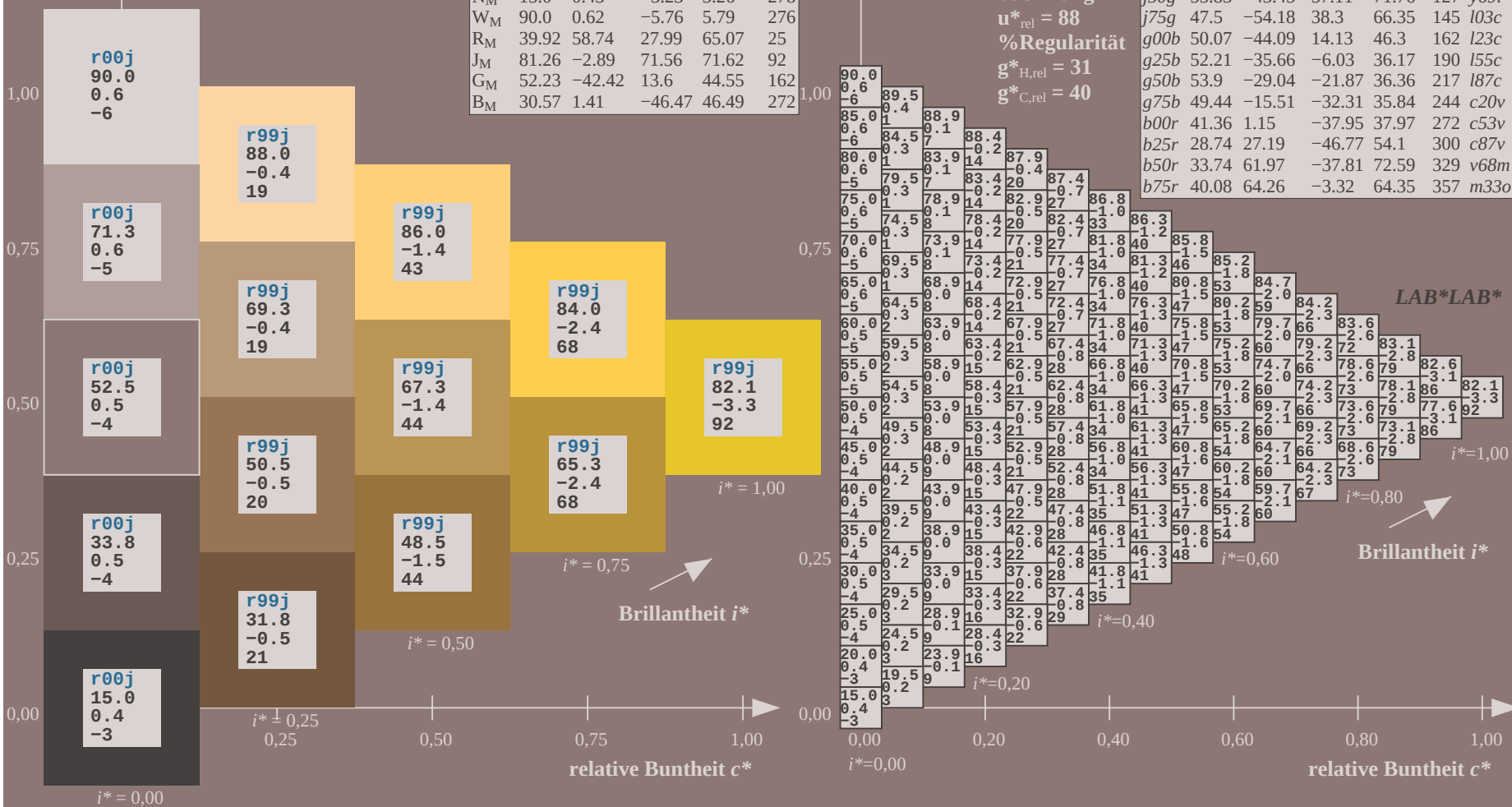
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |         |             |         |         |              |              |
|------------------------------------|---------|-------------|---------|---------|--------------|--------------|
|                                    | $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18   | 56.94       | 27.13   | 63.07   | 25           | m81o         |
| r25j                               | 42.41   | 49.1        | 44.5    | 66.26   | 42           | o10y         |
| r50j                               | 52.78   | 35.22       | 58.37   | 68.17   | 59           | o40y         |
| r75j                               | 64.82   | 19.12       | 74.47   | 76.89   | 76           | o69y         |
| j00g                               | 82.06   | -3.94       | 97.52   | 97.6    | 92           | o98y         |
| j25g                               | 67.26   | -26.87      | 74.67   | 79.36   | 110          | y34l         |
| j50g                               | 55.83   | -43.45      | 57.11   | 71.76   | 127          | y69l         |
| j75g                               | 47.5    | -54.18      | 38.3    | 66.35   | 145          | l03c         |
| g00b                               | 50.07   | -44.09      | 14.13   | 46.3    | 162          | l23c         |
| g25b                               | 52.21   | -35.66      | -6.03   | 36.17   | 190          | l55c         |
| g50b                               | 53.9    | -29.04      | -21.87  | 36.36   | 217          | l87c         |
| g75b                               | 49.44   | -15.51      | -32.31  | 35.84   | 244          | c20v         |
| b00r                               | 41.36   | 1.15        | -37.95  | 37.97   | 272          | c53v         |
| b25r                               | 28.74   | 27.19       | -46.77  | 54.1    | 300          | c87v         |
| b50r                               | 33.74   | 61.97       | -37.81  | 72.59   | 329          | v68m         |
| b75r                               | 40.08   | 64.26       | -3.32   | 64.35   | 357          | m33o         |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$\text{lab}^*ch^*$  und  $\text{lab}^*icu^*$

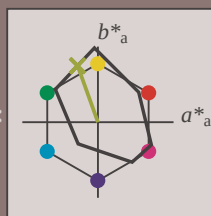
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90; CIELAB-Daten |             |        |        |            |            |  |
|------------------------|-------------|--------|--------|------------|------------|--|
| $u^*_e$                | $L^*=L^*_a$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |  |
| O <sub>M</sub>         | 38.8        | 54.41  | 35.65  | 65.05      | 33         |  |
| Y <sub>M</sub>         | 82.58       | -4.04  | 92.72  | 92.8       | 92         |  |
| L <sub>M</sub>         | 46.95       | -55.83 | 39.15  | 68.19      | 145        |  |
| C <sub>M</sub>         | 54.62       | -25.67 | -33.25 | 42.01      | 232        |  |
| V <sub>M</sub>         | 20.01       | 45.64  | -56.27 | 72.45      | 309        |  |
| M <sub>M</sub>         | 40.88       | 71.17  | -34.09 | 78.92      | 334        |  |
| N <sub>M</sub>         | 15.0        | 0.43   | -3.23  | 3.26       | 278        |  |
| W <sub>M</sub>         | 90.0        | 0.62   | -5.76  | 5.79       | 276        |  |
| R <sub>M</sub>         | 39.92       | 58.74  | 27.99  | 65.07      | 25         |  |
| J <sub>M</sub>         | 81.26       | -2.89  | 71.56  | 71.62      | 92         |  |
| G <sub>M</sub>         | 52.23       | -42.42 | 13.6   | 44.55      | 162        |  |
| B <sub>M</sub>         | 30.57       | 1.41   | -46.47 | 46.49      | 272        |  |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*\text{Ma}$ : 67 -27 75

$\text{LAB}^*\text{LCH}^*\text{Ma}$ : 67 79 109

$\text{lab}^*\text{rgb}^*\text{Ma}$ : 0.75 1.0 0.0

$\text{lab}^*\text{olv}^*\text{Ma}$ : 0.66 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

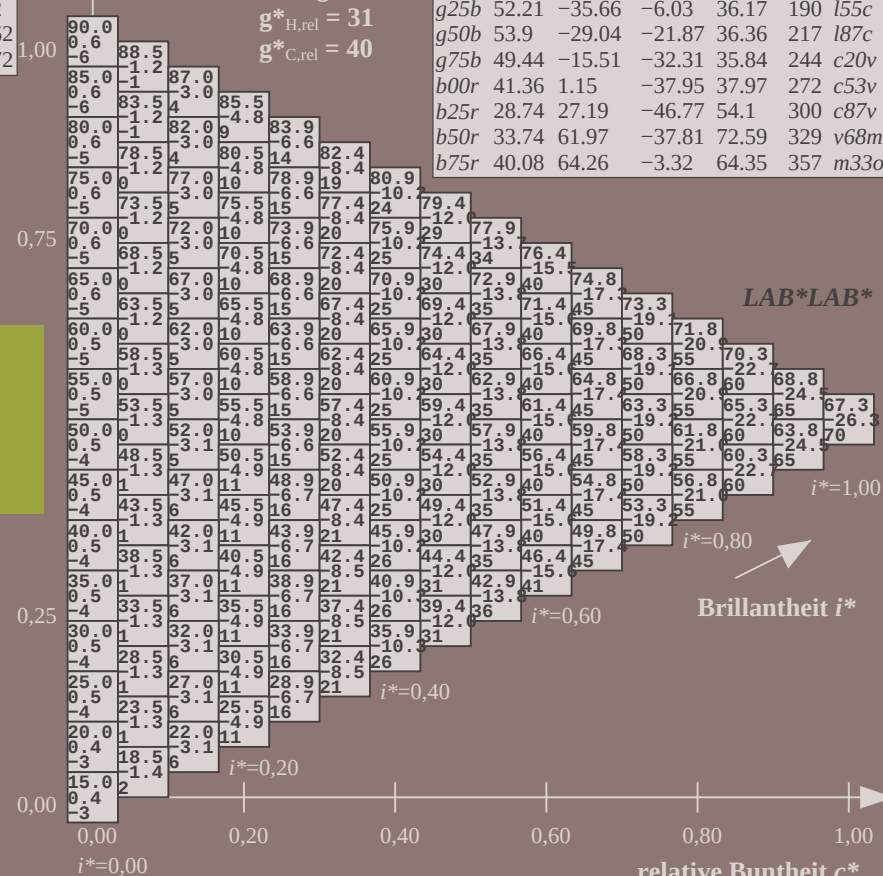
$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|--|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |  |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |  |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |  |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |  |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |  |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |  |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |  |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |  |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |  |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |  |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |  |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |  |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |  |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |  |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |  |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |  |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |  |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; <http://www.ps.bam.de/Eg11/>  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

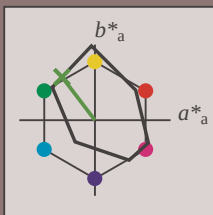
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 56 -43 57

$LAB^*LCH^*Ma$ : 56 72 127

$lab^*rgb^*Ma$ : 0.5 1.0 0.0

$lab^*olv^*Ma$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$LAB^*LAB^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

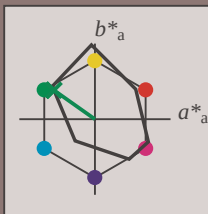
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 48 -54 38

$LAB^*LCH^*Ma$ : 48 66 144

$lab^*rgb^*Ma$ : 0.25 1.0 0.0

$lab^*olv^*Ma$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

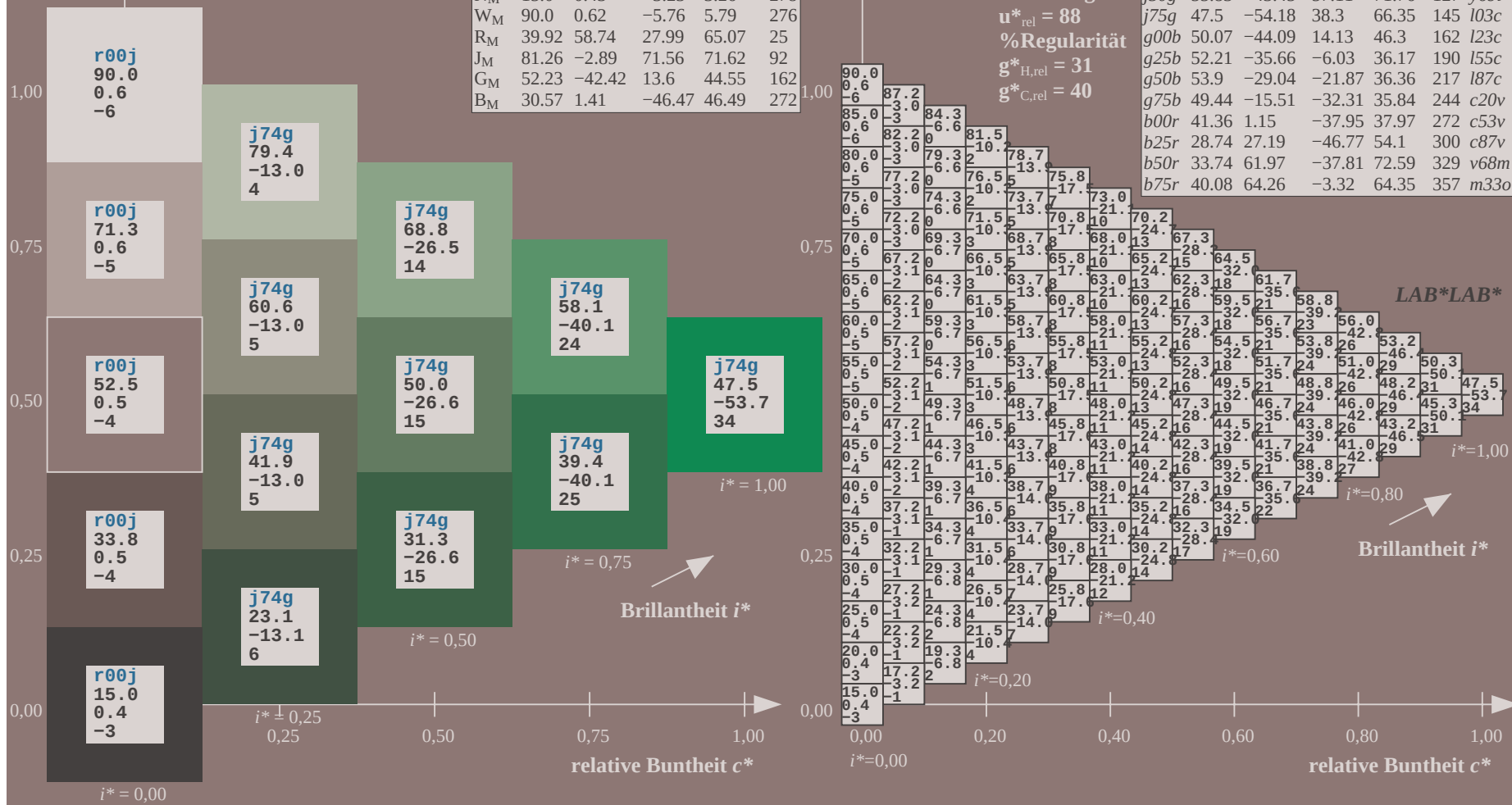
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | i03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | i23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | i55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | i87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

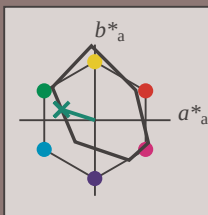
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*\text{Ma}$ : 50 -44 14

$\text{LAB}^*\text{LCH}^*\text{Ma}$ : 50 46 162

$\text{lab}^*\text{rgb}^*\text{Ma}$ : 0.0 1.0 0.0

$\text{lab}^*\text{olv}^*\text{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

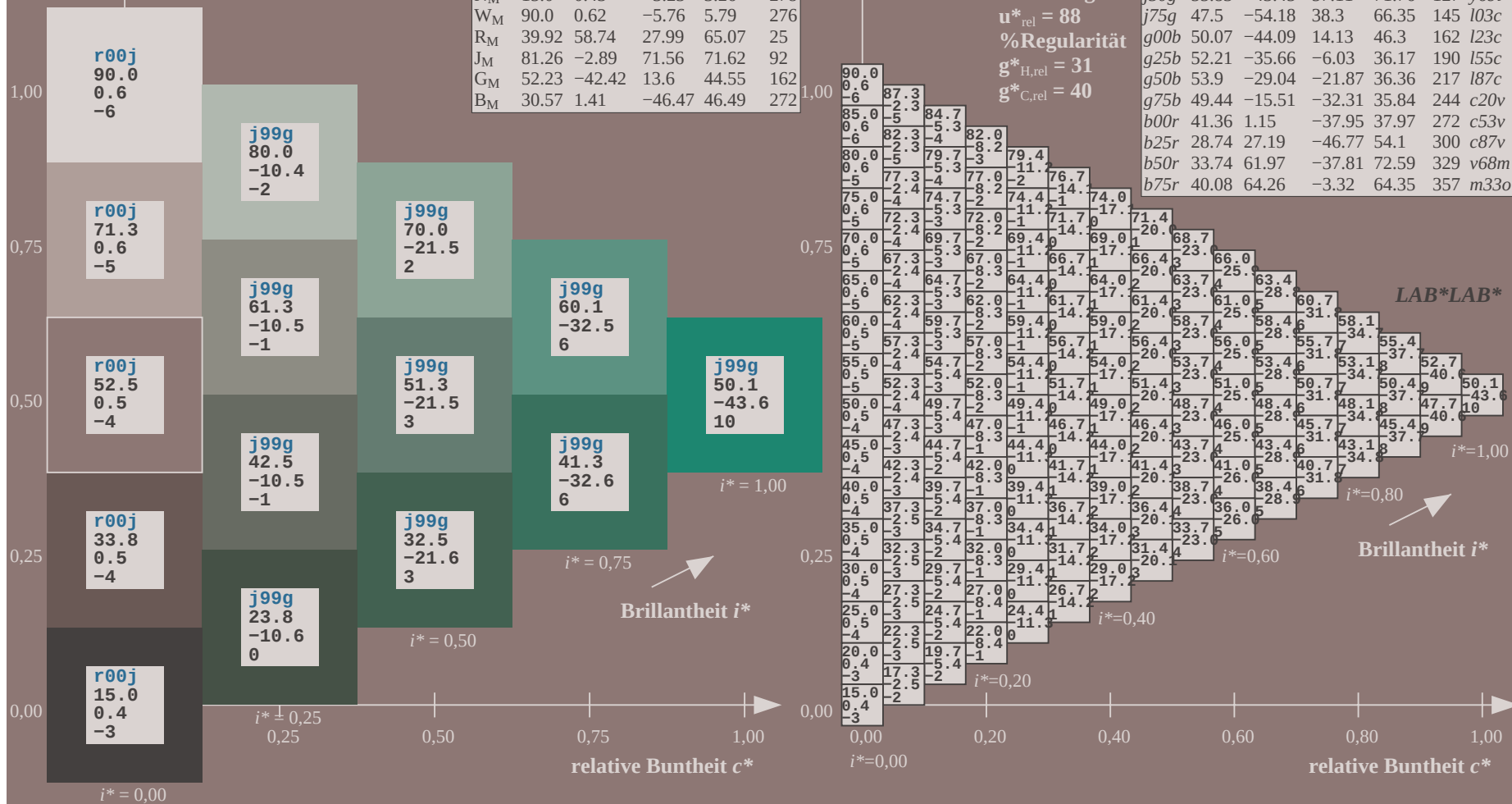
$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

$u^*_e = g00b$   
 $\text{LAB}^*\text{LAB}^*$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; <http://www.ps.bam.de/Eg11G00FP.PS/>; <http://www.ps.bam.de/Eg11G00FP.DAT>  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

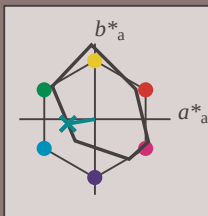
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 52 -36 -6

$LAB^*LCH^*Ma$ : 52 36 189

$lab^*rgb^*Ma$ : 0.0 1.0 0.5

$lab^*olv^*Ma$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

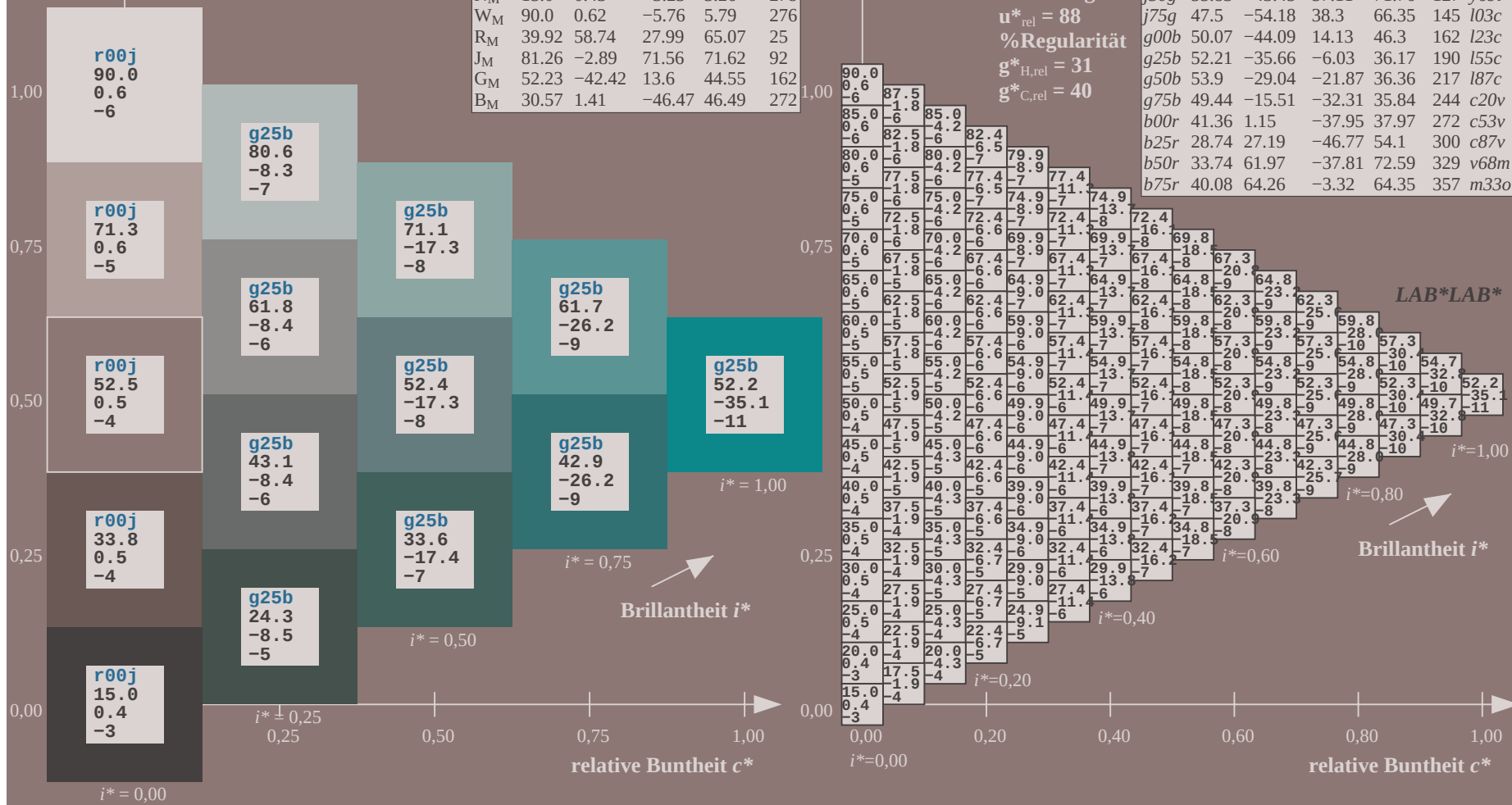
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$u^*_e = g25b$   
 $LAB^*LAB^*$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

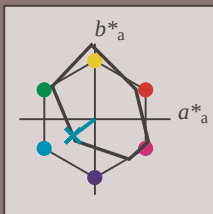
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

$lab^*rgb^*_{Ma}$ : 0.0 1.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$LAB^*LAB^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.679$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

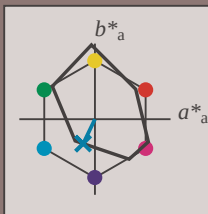
Bunttontexte:

$u^*_e = g75b$   $u^*_d = c20v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 49 -16 -32

$LAB^*LCH^*Ma$ : 49 36 244

$lab^*rgb^*Ma$ : 0.0 0.5 1.0

$lab^*olv^*Ma$ : 0.0 0.8 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 242          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$LAB^*LAB^*$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

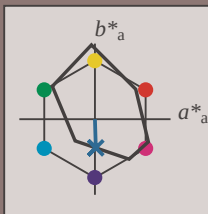
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 41 1 -38

$LAB^*LCH^*Ma$ : 41 38 271

$lab^*rgb^*Ma$ : 0.0 0.0 1.0

$lab^*olv^*Ma$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$u^*_e = b00r$

$LAB^*LAB^*$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$LAB^*LAB^*$

$i^* = 1.00$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

$i^* = 0.00$

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$i^* = 0.00$

$i^* = 0.00$

$i^* = 0.00$

$i^* = 0.00$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11/](http://www.ps.bam.de/Eg11/)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

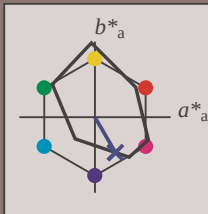
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 29 27 -47

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 29 54 300

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.5 0.0 1.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

$u^*_e = b25r$   
 $\text{LAB}^*\text{LAB}^*$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$\text{LAB}^*\text{LAB}^*$

$i^* = 1.00$

Brillantheit  $i^*$

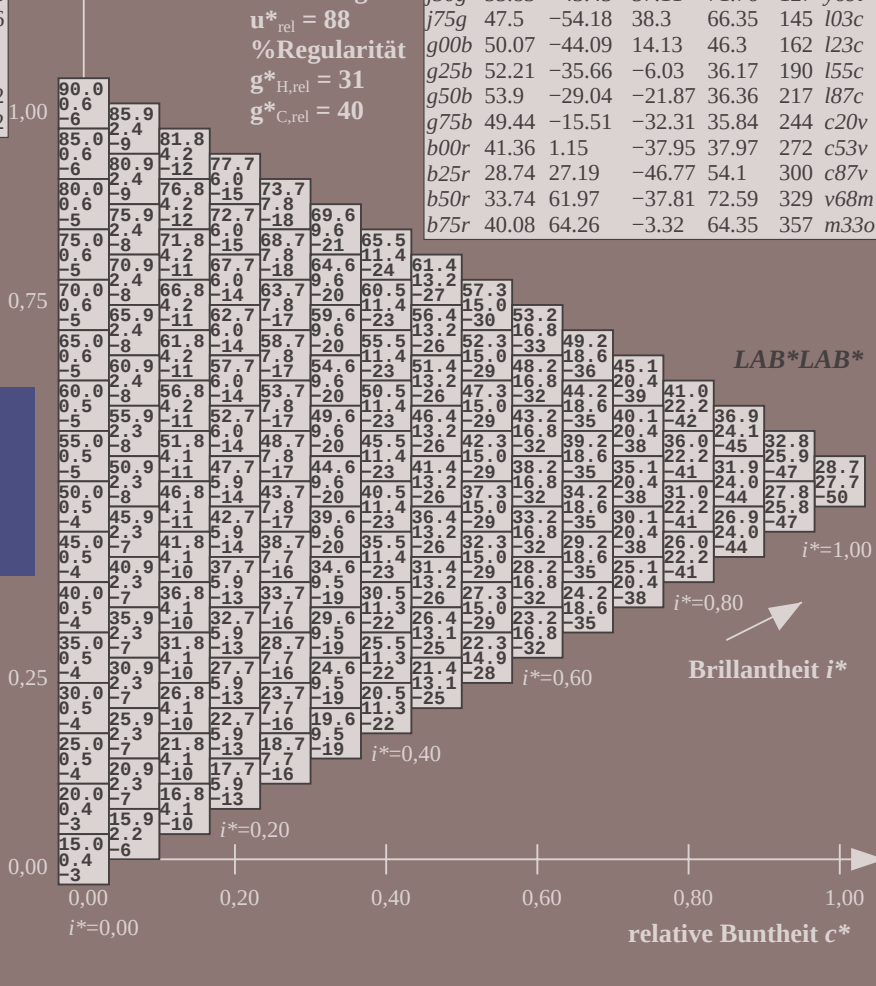
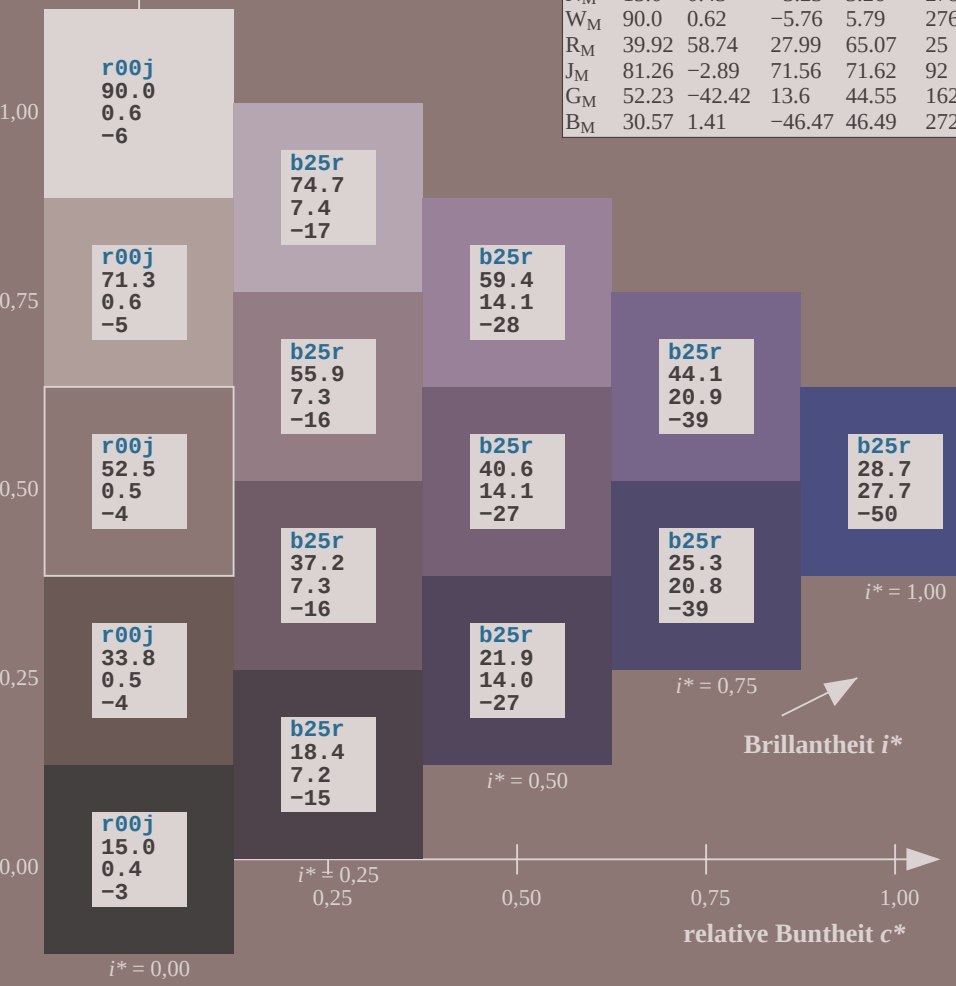
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

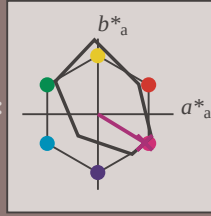
## Bunttexte:

$$u^*_e = b50r \quad u^*_d = v68m$$

## Kontrastreduzierungsfaktor:

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$

FRS15\_90; CIELAB-Daten

| $u_e^*$ | $L^*=L^*$ | $a^*$  | $b^*$  | $C_{ab}^*$ | $h_{ab}^*$ |
|---------|-----------|--------|--------|------------|------------|
| $O_M$   | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| $Y_M$   | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| $L_M$   | 46.95     | -55.83 | 39.15  | 68.19      | 143        |
| $C_M$   | 54.62     | -25.67 | -33.25 | 42.01      | 233        |
| $V_M$   | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| $M_M$   | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| $N_M$   | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| $W_M$   | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| $R_M$   | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| $J_M$   | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| $G_M$   | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| $B_M$   | 30.57     | 1.41   | -46.47 | 46.49      | 273        |

### Daten für Maximalfarbe (Ma):

**LAB\*LAB\* $M_2$ : 34 62 -38**

LAP\*LCH\* : 34 73 329

LAB LCH Ma: 54 75 50

*lab\*rgb*\*Ma: 1.0 0.0 1.0

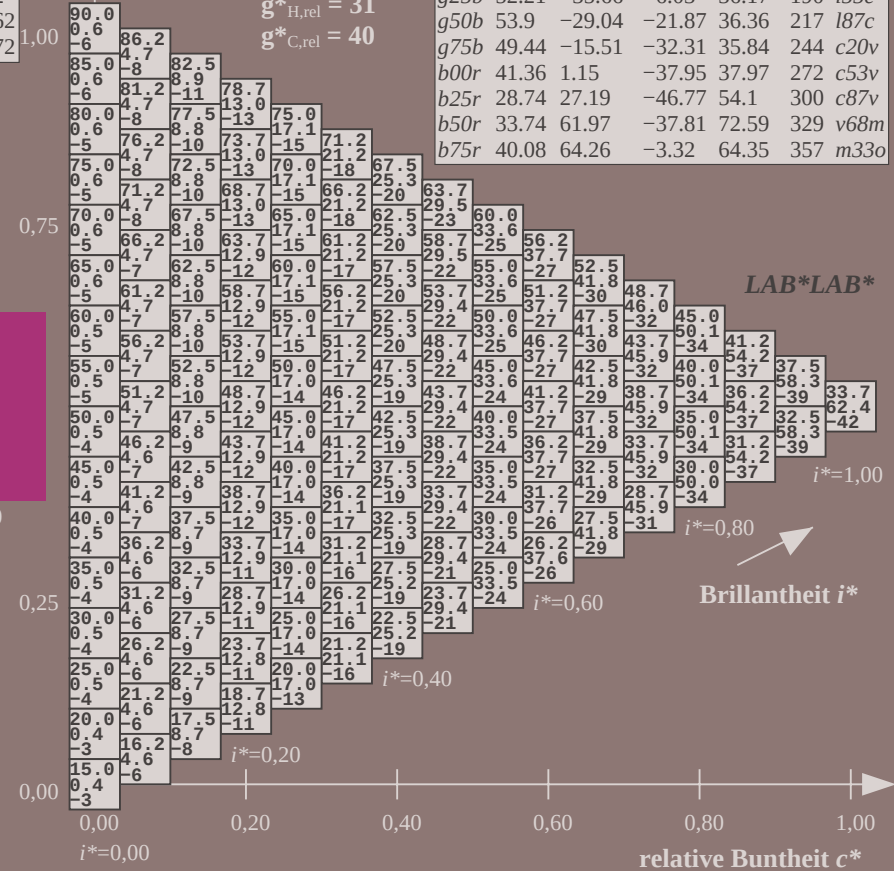
*lab\*olv\**<sub>Ma</sub>: 0.68 0.0 1.0

### Dreiecks-Helligkeit $t^*$

**%Umfang**

$$u_{rel}^* = 88$$

**%Regular**

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$


*LAB\*LAB\**

## Brillantheit i\*

BAM-Prüfvorlage Eg11; Farbmatrik-Systeme, Seite 232/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmy0\* setcmyk

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

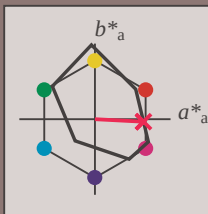
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*\text{Ma}$ : 40 64 -3

$\text{LAB}^*\text{LCH}^*\text{Ma}$ : 40 64 357

$\text{lab}^*\text{rgb}^*\text{Ma}$ : 1.0 0.0 0.5

$\text{lab}^*\text{olv}^*\text{Ma}$ : 1.0 0.0 0.66

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

$u^*_e = b75r$   
 $\text{LAB}^*\text{LAB}^*$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | i03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | i23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | i55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | i87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$\text{LAB}^*\text{LAB}^*$

$i^* = 1.00$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Brillantheit  $i^*$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11/](http://www.ps.bam.de/Eg11/); [www.ps.bam.de/Version2.1,io=-1,1,CIELAB,ColSpx=0](http://www.ps.bam.de/Version2.1,io=-1,1,CIELAB,ColSpx=0)  
Technische Information: <http://www.ps.bam.de/Version2.1,io=-1,1,CIELAB,ColSpx=0>

|     | A    | B    | C    | D    | E    | F    | G    | H    | I    | J    | K    | L    | M    | N    | O    | P    | Q    | R    | S    | T    | U    | V    | W     | X     | Y     | Z     | a     | b     | c     | d     | e     | f     | g     | h     | i     | j     | k     | LAB*LAB* |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |        |        |  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| 0.4 | 19.8 | 20.7 | 23.6 | 27.0 | 31.0 | 35.0 | 39.0 | 43.0 | 47.0 | 51.0 | 55.0 | 59.0 | 63.0 | 67.0 | 71.0 | 75.0 | 79.0 | 83.0 | 87.0 | 91.0 | 95.0 | 99.0 | 103.0 | 107.0 | 111.0 | 115.0 | 119.0 | 123.0 | 127.0 | 131.0 | 135.0 | 139.0 | 143.0 | 147.0 | 151.0 | 155.0 | 159.0 | 163.0    | 167.0 | 171.0 | 175.0 | 179.0 | 183.0 | 187.0 | 191.0 | 195.0 | 199.0 | 203.0 | 207.0 | 211.0 | 215.0 | 219.0 | 223.0 | 227.0 | 231.0 | 235.0 | 239.0 | 243.0 | 247.0 | 251.0 | 255.0 | 259.0 | 263.0 | 267.0 | 271.0 | 275.0 | 279.0 | 283.0 | 287.0 | 291.0 | 295.0 | 299.0 | 303.0 | 307.0 | 311.0 | 315.0 | 319.0 | 323.0 | 327.0 | 331.0 | 335.0 | 339.0 | 343.0 | 347.0 | 351.0 | 355.0 | 359.0 | 363.0 | 367.0 | 371.0 | 375.0 | 379.0 | 383.0 | 387.0 | 391.0 | 395.0 | 399.0 | 403.0 | 407.0 | 411.0 | 415.0 | 419.0 | 423.0 | 427.0 | 431.0 | 435.0 | 439.0 | 443.0 | 447.0 | 451.0 | 455.0 | 459.0 | 463.0 | 467.0 | 471.0 | 475.0 | 479.0 | 483.0 | 487.0 | 491.0 | 495.0 | 499.0 | 503.0 | 507.0 | 511.0 | 515.0 | 519.0 | 523.0 | 527.0 | 531.0 | 535.0 | 539.0 | 543.0 | 547.0 | 551.0 | 555.0 | 559.0 | 563.0 | 567.0 | 571.0 | 575.0 | 579.0 | 583.0 | 587.0 | 591.0 | 595.0 | 599.0 | 603.0 | 607.0 | 611.0 | 615.0 | 619.0 | 623.0 | 627.0 | 631.0 | 635.0 | 639.0 | 643.0 | 647.0 | 651.0 | 655.0 | 659.0 | 663.0 | 667.0 | 671.0 | 675.0 | 679.0 | 683.0 | 687.0 | 691.0 | 695.0 | 699.0 | 703.0 | 707.0 | 711.0 | 715.0 | 719.0 | 723.0 | 727.0 | 731.0 | 735.0 | 739.0 | 743.0 | 747.0 | 751.0 | 755.0 | 759.0 | 763.0 | 767.0 | 771.0 | 775.0 | 779.0 | 783.0 | 787.0 | 791.0 | 795.0 | 799.0 | 803.0 | 807.0 | 811.0 | 815.0 | 819.0 | 823.0 | 827.0 | 831.0 | 835.0 | 839.0 | 843.0 | 847.0 | 851.0 | 855.0 | 859.0 | 863.0 | 867.0 | 871.0 | 875.0 | 879.0 | 883.0 | 887.0 | 891.0 | 895.0 | 899.0 | 903.0 | 907.0 | 911.0 | 915.0 | 919.0 | 923.0 | 927.0 | 931.0 | 935.0 | 939.0 | 943.0 | 947.0 | 951.0 | 955.0 | 959.0 | 963.0 | 967.0 | 971.0 | 975.0 | 979.0 | 983.0 | 987.0 | 991.0 | 995.0 | 999.0 | 1003.0 | 1007.0 | 1011.0 | 1015.0 | 1019.0 | 1023.0 | 1027.0 | 1031.0 | 1035.0 | 1039.0 | 1043.0 | 1047.0 | 1051.0 | 1055.0 | 1059.0 | 1063.0 | 1067.0 | 1071.0 | 1075.0 | 1079.0 | 1083.0 | 1087.0 | 1091.0 | 1095.0 | 1099.0 | 1103.0 | 1107.0 | 1111.0 | 1115.0 | 1119.0 | 1123.0 | 1127.0 | 1131.0 | 1135.0 | 1139.0 | 1143.0 | 1147.0 | 1151.0 | 1155.0 | 1159.0 | 1163.0 | 1167.0 | 1171.0 | 1175.0 | 1179.0 | 1183.0 | 1187.0 | 1191.0 | 1195.0 | 1199.0 | 1203.0 | 1207.0 | 1211.0 | 1215.0 | 1219.0 | 1223.0 | 1227.0 | 1231.0 | 1235.0 | 1239.0 | 1243.0 | 1247.0 | 1251.0 | 1255.0 | 1259.0 | 1263.0 | 1267.0 | 1271.0 | 1275.0 | 1279.0 | 1283.0 | 1287.0 | 1291.0 | 1295.0 | 1299.0 | 1303.0 | 1307.0 | 1311.0 | 1315.0 | 1319.0 | 1323.0 | 1327.0 | 1331.0 | 1335.0 | 1339.0 | 1343.0 | 1347.0 | 1351.0 | 1355.0 | 1359.0 | 1363.0 | 1367.0 | 1371.0 | 1375.0 | 1379.0 | 1383.0 | 1387.0 | 1391.0 | 1395.0 | 1399.0 | 1403.0 | 1407.0 | 1411.0 | 1415.0 | 1419.0 | 1423.0 | 1427.0 | 1431.0 | 1435.0 | 1439.0 | 1443.0 | 1447.0 | 1451.0 | 1455.0 | 1459.0 | 1463.0 | 1467.0 | 1471.0 | 1475.0 | 1479.0 | 1483.0 | 1487.0 | 1491.0 | 1495.0 | 1499.0 | 1503.0 | 1507.0 | 1511.0 | 1515.0 | 1519.0 | 1523.0 | 1527.0 | 1531.0 | 1535.0 | 1539.0 | 1543.0 | 1547.0 | 1551.0 | 1555.0 | 1559.0 | 1563.0 | 1567.0 | 1571.0 | 1575.0 | 1579.0 | 1583.0 | 1587.0 | 1591.0 | 1595.0 | 1599.0 | 1603.0 | 1607.0 | 1611.0 | 1615.0 | 1619.0 | 1623.0 | 1627.0 | 1631.0 | 1635.0 | 1639.0 | 1643.0 | 1647.0 | 1651.0 | 1655.0 | 1659.0 | 1663.0 | 1667.0 | 1671.0 | 1675.0 | 1679.0 | 1683.0 | 1687.0 | 1691.0 | 1695.0 | 1699.0 | 1703.0 | 1707.0 | 1711.0 | 1715.0 | 1719.0 | 1723.0 | 1727.0 | 1731.0 | 1735.0 | 1739.0 | 1743.0 | 1747.0 | 1751.0 | 1755.0 | 1759.0 | 1763.0 | 1767.0 | 1771.0 | 1775.0 | 1779.0 | 1783.0 | 1787.0 | 1791.0 | 1795.0 | 1799.0 | 1803.0 | 1807.0 | 1811.0 | 1815.0 | 1819.0 | 1823.0 | 1827.0 | 1831.0 | 1835.0 | 1839.0 | 1843.0 | 1847.0 | 1851.0 | 1855.0 | 1859.0 | 1863.0 | 1867.0 | 1871.0 | 1875.0 | 1879.0 | 1883.0 | 1887.0 | 1891.0 | 1895.0 | 1899.0 | 1903.0 | 1907.0 | 1911.0 | 1915.0 | 1919.0 | 1923.0 | 1927.0 | 1931.0 | 1935.0 | 1939.0 | 1943.0 | 1947.0 | 1951.0 | 1955.0 | 1959.0 | 1963.0 | 1967.0 | 1971.0 | 1975.0 | 1979.0 | 1983.0 | 1987.0 | 1991.0 | 1995.0 | 1999.0 | 2003.0 | 2007.0 | 2011.0 | 2015.0 | 2019.0 | 2023.0 | 2027.0 | 2031.0 | 2035.0 | 2039.0 | 2043.0 | 2047.0 | 2051.0 | 2055.0 | 2059.0 | 2063.0 | 2067.0 | 2071.0 | 2075.0 | 2079.0 | 2083.0 | 2087.0 | 2091.0 | 2095.0 | 2099.0 | 2103.0 | 2107.0 | 2111.0 | 2115.0 | 2119.0 | 2123.0 | 2127.0 | 2131.0 | 2135.0 | 2139.0 | 2143.0 | 2147.0 | 2151.0 | 2155.0 | 2159.0 | 2163.0 | 2167.0 | 2171.0 | 2175.0 | 2179.0 | 2183.0 | 2187.0 | 2191.0 | 2195.0 | 2199.0 | 2203.0 | 2207.0 | 2211.0 | 2215.0 | 2219.0 | 2223.0 | 2227.0 | 2231.0 | 2235.0 | 2239.0 | 2243.0 | 2247.0 | 2251.0 | 2255.0 | 2259.0 | 2263.0 | 2267.0 | 2271.0 | 2275.0 | 2279.0 | 2283.0 | 2287.0 | 2291.0 | 2295.0 | 2299.0 | 2303.0 | 2307.0 | 2311.0 | 2315.0 | 2319.0 | 2323.0 | 2327.0 | 2331.0 | 2335.0 | 2339.0 | 2343.0 | 2347.0 | 2351.0 | 2355.0 | 2359.0 | 2363.0 | 2367.0 | 2371.0 | 2375.0 | 2379.0 | 2383.0 | 2387.0 | 2391.0 | 2395.0 | 2399.0 | 2403.0 | 2407.0 | 2411.0 | 2415.0 | 2419.0 | 2423.0 | 2427.0 | 2431.0 | 2435.0 | 2439.0 | 2443.0 | 2447.0 | 2451.0 | 2455.0 | 2459.0 | 2463.0 | 2467.0 | 2471.0 | 2475.0 | 2479.0 | 2483.0 | 2487.0 | 2491.0 | 2495.0 | 2499.0 | 2503.0 | 2507.0 | 2511.0 | 2515.0 | 2519.0 | 2523.0 | 2527.0 | 2531.0 | 2535.0 | 2539.0 | 2543.0 | 2547.0 | 2551.0 | 2555.0 | 2559.0 | 2563.0 | 2567.0 | 2571.0 | 2575.0 | 2579.0 | 2583.0 | 2587.0 | 2591.0 | 2595.0 | 2599.0 | 2603.0 | 2607.0 | 2611.0 | 2615.0 | 2619.0 | 2623.0 | 2627.0 | 2631.0 | 2635.0 | 2639.0 | 2643.0 | 2647.0 | 2651.0 | 2655.0 | 2659.0 | 2663.0 | 2667.0 | 2671.0 | 2675.0 | 2679.0 | 2683.0 | 2687.0 | 2691.0 | 2695.0 | 2699.0 | 2703.0 | 2707.0 | 2711.0 | 2715.0 | 2719.0 | 2723.0 | 2727.0 | 2731.0 | 2735.0 | 2739.0 | 2743.0 | 2747.0 | 2751.0 | 2755.0 | 2759.0 | 2763.0 | 2767.0 | 2771.0 | 2775.0 | 2779.0 | 2783.0 | 2787.0 | 2791.0 | 2795.0 | 2799.0 | 2803.0 | 2807.0 | 2811.0 | 2815.0 | 2819.0 | 2823.0 | 2827.0 | 2831.0 | 2835.0 | 2839.0 | 2843.0 | 2847.0 | 2851.0 | 2855.0 | 2859.0 | 2863.0 | 2867.0 | 2871.0 | 2875.0 | 2879.0 | 2883.0 | 2887.0 | 2891.0 | 2895.0 | 2899.0 | 2903.0 | 2907.0 | 2911.0 | 2915.0 | 2919.0 | 2923.0 | 2927.0 | 2931.0 | 2935.0 | 2939.0 | 2943.0 | 2947.0 | 2951.0 | 2955.0 | 2959.0 | 2963.0 | 2967.0 | 2971.0 | 2975.0 | 2979.0 | 2983.0 | 2987.0 | 2991.0 | 2995.0 | 2999.0 | 3003.0 | 3007.0 | 3011.0 | 3015.0 | 3019.0 | 3023.0 | 3027.0 | 3031.0 | 3035.0 | 3039.0 | 3043.0 | 3047.0 | 3051.0 | 3055.0 | 3059.0 | 3063.0 | 3067.0 | 3071.0 | 3075.0 | 3079.0 | 3083.0 | 3087.0 | 3091.0 | 3095.0 | 3099.0 | 3103.0 | 3107.0 | 3111.0 | 3115.0 | 3119.0 | 3123.0 | 3127.0 | 3131.0 | 3135.0 | 3139.0 | 3143.0 | 3147.0 | 3151.0 | 3155.0 | 3159.0 | 3163.0 | 3167.0 | 3171.0 | 3175.0 | 3179.0 | 3183.0 | 3187.0 | 3191.0 | 3195.0 | 3199.0 | 3203.0 | 3207.0 | 3211.0 | 3215.0 | 3219.0 | 3223.0 | 3227.0 | 3231.0 | 3235.0 | 3239.0 | 3243.0 | 3247.0 | 3251.0 | 3255.0 | 3259.0 | 3263.0 | 3267.0 | 3271.0 | 3275.0 | 3279.0 | 3283.0 | 3287.0 | 3291.0 | 3295.0 | 3299.0 | 3303.0 | 3307.0 | 3311.0 | 3315.0 | 3319.0 | 3323.0 | 3327.0 | 3331.0 | 3335.0 | 3339.0 | 3343.0 | 3347.0 | 3351.0 | 3355.0 | 3359.0 | 3363.0 | 3367.0 | 3371.0 | 3375.0 | 3379.0 | 3383.0 | 3387.0 | 3391.0 | 3395.0 | 3399.0 | 3403.0 | 3407.0 | 3411.0 | 3415.0 | 3419.0 | 3423.0 | 3427.0 | 3431.0 | 3435.0 | 3439.0 | 3443.0 | 3447.0 | 3451.0 | 3455.0 | 3459.0 | 3463.0 | 3467.0 | 3471.0 | 3475.0 | 3479.0 | 3483.0 | 3487.0 | 3491.0 | 3495.0 | 3499.0 | 3503.0 | 3507.0 | 3511.0 | 3515.0 | 3519.0 | 3523.0 | 3527.0 | 3531.0 | 3535.0 | 3539.0 | 3543.0 | 3547.0 | 3551.0 | 3555.0 | 3559.0 | 3563.0 | 3567.0 | 3571.0 | 3575.0 | 3579.0 | 3583.0 | 3587.0 | 3591.0 | 3595.0 | 3599.0 | 3603.0 | 3607.0 | 3611.0 | 3615.0 | 3619.0 | 3623.0 | 3627.0 | 3631.0 | 3635.0 | 3639.0 | 3643.0 | 3647.0 | 3651.0 | 3655.0 | 3659.0 | 3663.0 | 3667.0 | 3671.0 | 3675.0 | 3679.0 | 3683.0 | 3687.0 | 3691.0 | 3695.0 | 3699.0 | 3703.0 | 3707.0 | 3711.0 | 3715.0 | 3719.0 | 3723.0 | 372 |

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS15\_90a  
Daten für jede Farbe:

$u_e^*$  und Nummer Nr. = 00 .. 15

Elementar-Bunttontext:

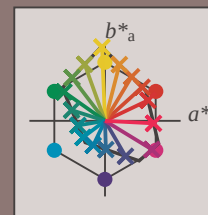
$u_e^* = 16$  Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

FRS15\_90a; adaptierte CIELAB-Daten

| $u_e^*$ | $L^*=L_a^*$ | $a^*$  | $b^*$  | $C_{ab,a}^*$ | $h_{ab,a}^*$ | $u_d^*$ |
|---------|-------------|--------|--------|--------------|--------------|---------|
| $r00j$  | 39.18       | 56.94  | 27.13  | 63.07        | 25           | $m81o$  |
| $r25j$  | 42.41       | 49.1   | 44.5   | 66.26        | 42           | $o10y$  |
| $r50j$  | 52.78       | 35.22  | 58.37  | 68.17        | 59           | $o40y$  |
| $r75j$  | 64.82       | 19.12  | 74.47  | 76.89        | 76           | $o69y$  |
| $j00g$  | 82.06       | -3.94  | 97.52  | 97.6         | 92           | $o98y$  |
| $j25g$  | 67.26       | -26.87 | 74.67  | 79.36        | 110          | $y34l$  |
| $j50g$  | 55.83       | -43.45 | 57.11  | 71.76        | 127          | $y69l$  |
| $j75g$  | 47.5        | -54.18 | 38.3   | 66.35        | 145          | $l03c$  |
| $g00b$  | 50.07       | -44.09 | 14.13  | 46.3         | 162          | $l23c$  |
| $g25b$  | 52.21       | -35.66 | -6.03  | 36.17        | 190          | $l55c$  |
| $g50b$  | 53.9        | -29.04 | -21.87 | 36.36        | 217          | $l87c$  |
| $g75b$  | 49.44       | -15.51 | -32.31 | 35.84        | 244          | $c20v$  |
| $b00r$  | 41.36       | 1.15   | -37.95 | 37.97        | 272          | $c53v$  |
| $b25r$  | 28.74       | 27.19  | -46.77 | 54.1         | 300          | $c87v$  |
| $b50r$  | 33.74       | 61.97  | -37.81 | 72.59        | 329          | $v68m$  |
| $b75r$  | 40.08       | 64.26  | -3.32  | 64.35        | 357          | $m33o$  |



%Umfang

$u_{rel}^* = 88$

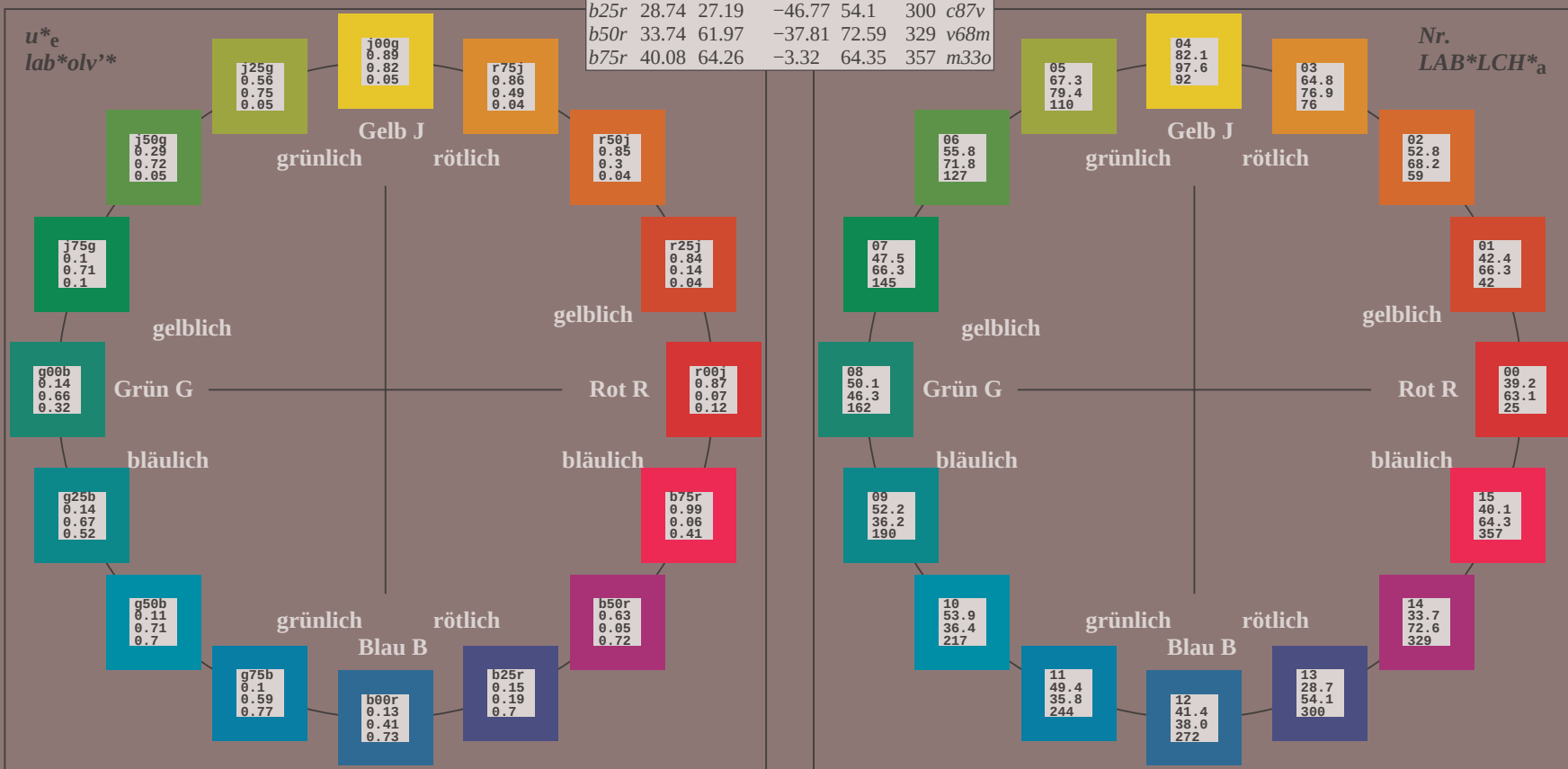
%Regularität

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS15\_90a; CIELAB-Daten

| Name      | $L^*=L^*$ | $a^*$  | $b^*$  | $C_{ab}^*$ | $h_{ab}^*$ |
|-----------|-----------|--------|--------|------------|------------|
| $O_M$     | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| $Y_M$     | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| $L_M$     | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| $C_M$     | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| $V_M$     | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| $M_M$     | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| $N_M$     | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| $W_M$     | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| $R_{CIE}$ | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| $J_{CIE}$ | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| $G_{CIE}$ | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| $B_{CIE}$ | 30.57     | 1.41   | -46.47 | 46.49      | 272        |





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; <http://www.ps.bam.de/Eg11G00FP.PS/>; <http://www.ps.bam.de/Eg11G00FP.DAT>  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

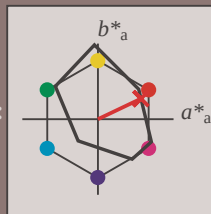
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; CIELAB-Daten

| $u^*_e$        | $L^*=L^*_a$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-------------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8        | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58       | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95       | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62       | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01       | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88       | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0        | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0        | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92       | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26       | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23       | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57       | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 57 27

$LAB^*LCH^*_{Ma}$ : 39 63 25

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.0 0.18

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

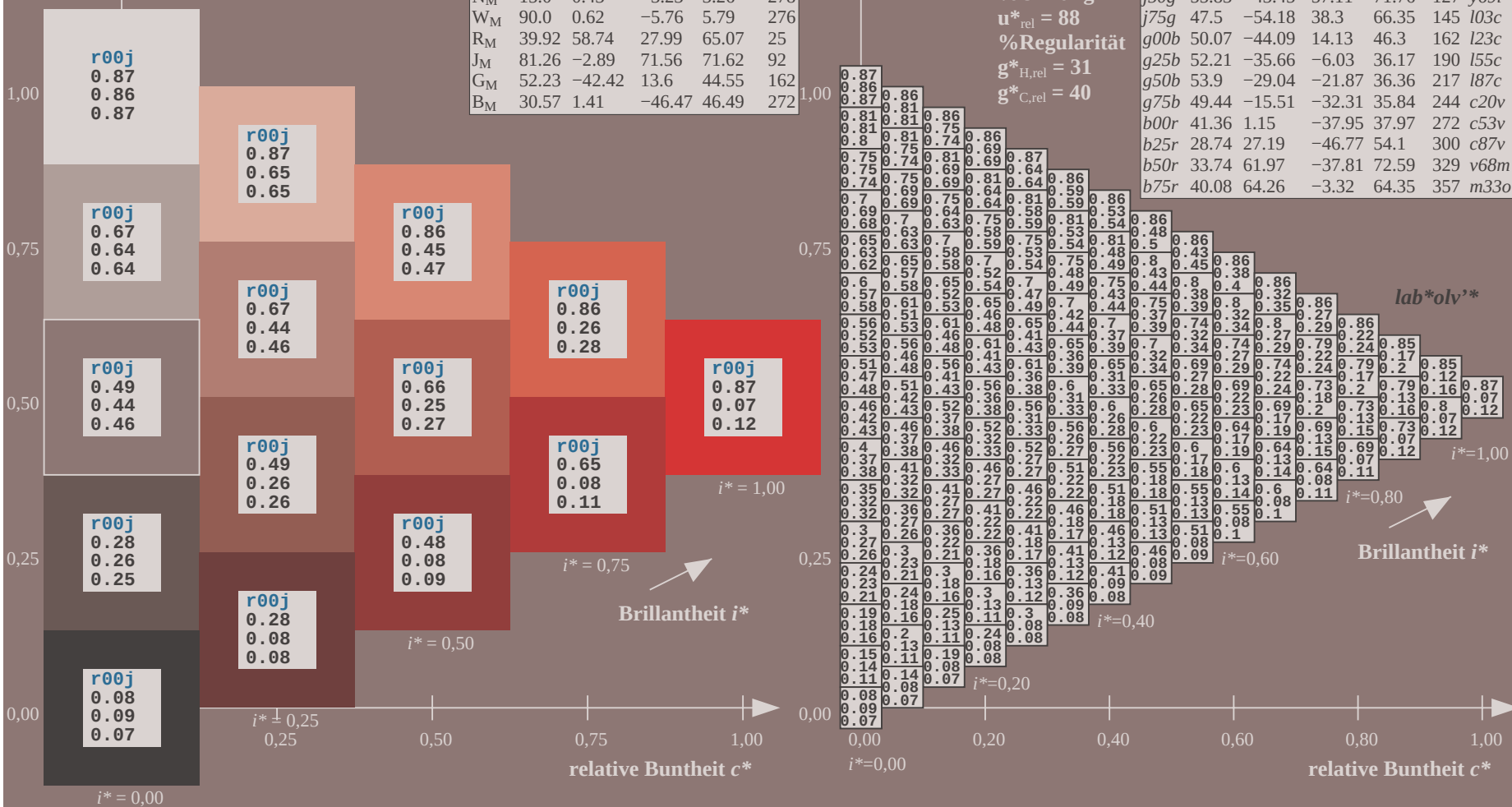
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,%20io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,%20io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.164$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

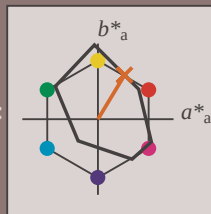
Bunttontexte:

$u^*_e = r50j$   $u^*_d = o40y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; CIELAB-Daten |           |        |        |            |            |  |
|-------------------------|-----------|--------|--------|------------|------------|--|
| $u^*_e$                 | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |  |
| O <sub>M</sub>          | 38.8      | 54.41  | 35.65  | 65.05      | 33         |  |
| Y <sub>M</sub>          | 82.58     | -4.04  | 92.72  | 92.8       | 92         |  |
| L <sub>M</sub>          | 46.95     | -55.83 | 39.15  | 68.19      | 145        |  |
| C <sub>M</sub>          | 54.62     | -25.67 | -33.25 | 42.01      | 232        |  |
| V <sub>M</sub>          | 20.01     | 45.64  | -56.27 | 72.45      | 309        |  |
| M <sub>M</sub>          | 40.88     | 71.17  | -34.09 | 78.92      | 334        |  |
| N <sub>M</sub>          | 15.0      | 0.43   | -3.23  | 3.26       | 278        |  |
| W <sub>M</sub>          | 90.0      | 0.62   | -5.76  | 5.79       | 276        |  |
| R <sub>M</sub>          | 39.92     | 58.74  | 27.99  | 65.07      | 25         |  |
| J <sub>M</sub>          | 81.26     | -2.89  | 71.56  | 71.62      | 92         |  |
| G <sub>M</sub>          | 52.23     | -42.42 | 13.6   | 44.55      | 162        |  |
| B <sub>M</sub>          | 30.57     | 1.41   | -46.47 | 46.49      | 272        |  |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 53 35 58

$LAB^*LCH^*_{Ma}$ : 53 68 58

$lab^*rgb^*_{Ma}$ : 1.0 0.5 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.4 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

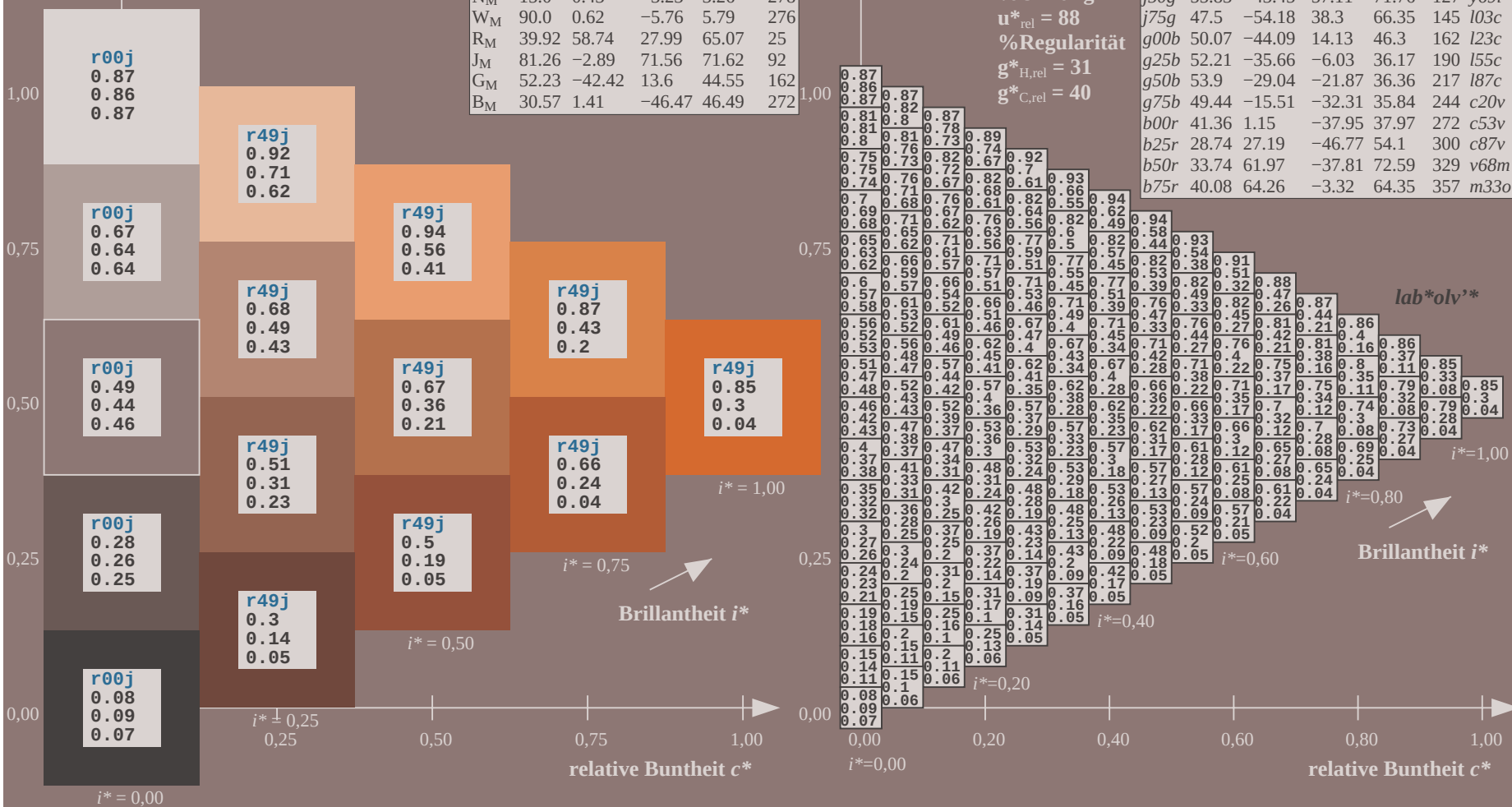
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |  |  |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|--|--|--|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |  |  |  |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |  |  |  |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |  |  |  |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |  |  |  |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |  |  |  |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |  |  |  |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |  |  |  |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |  |  |  |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |  |  |  |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |  |  |  |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |  |  |  |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |  |  |  |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |  |  |  |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |  |  |  |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |  |  |  |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |  |  |  |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |  |  |  |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: <http://www.ps.bam.de>

Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

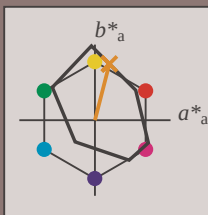
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 65 19 74

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 65 77 75

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 1.0 0.75 0.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

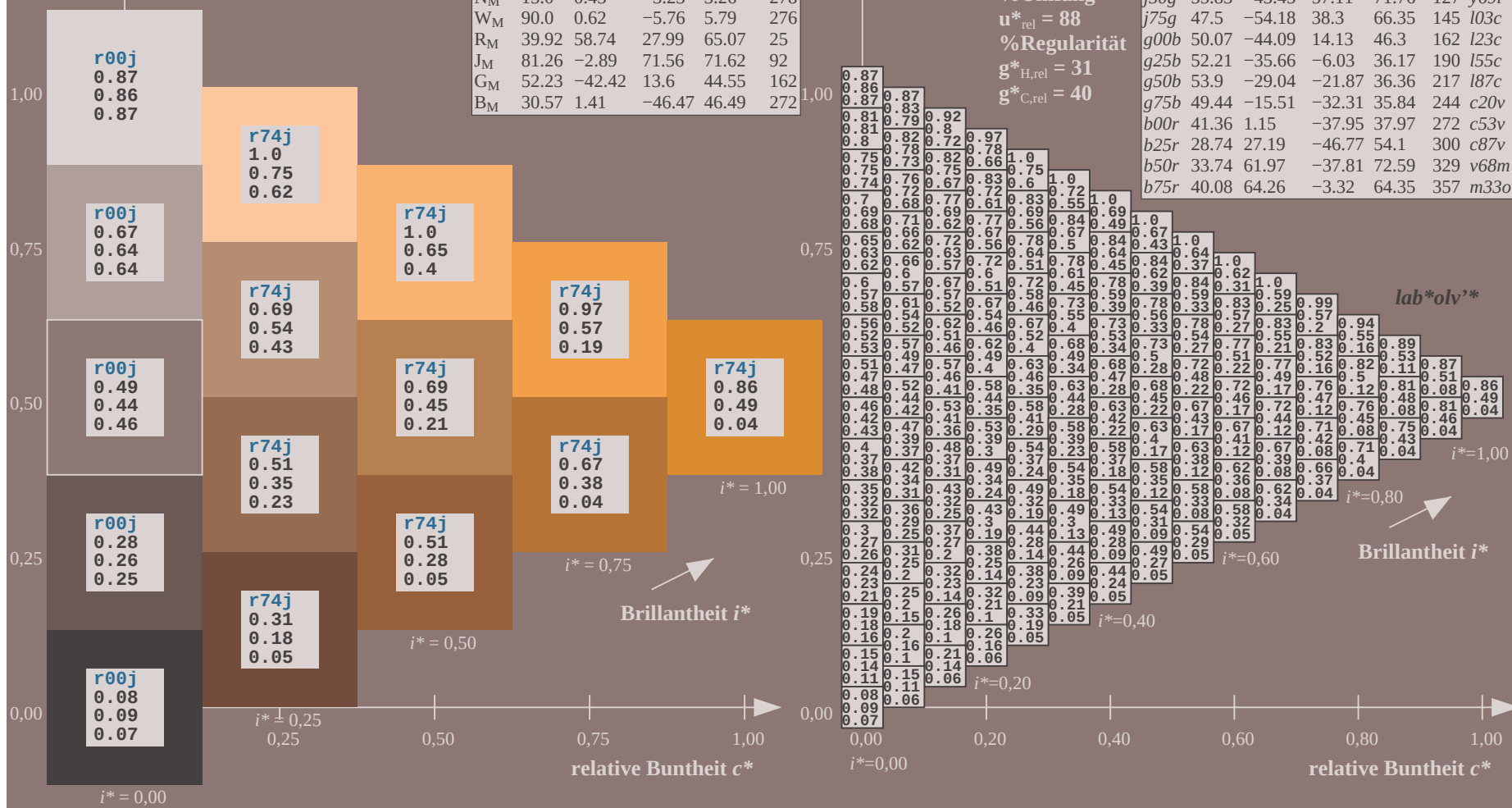
$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

$u^*_e = r75j$   
 $\text{lab}^*\text{olv}^*_{\text{Ma}}$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

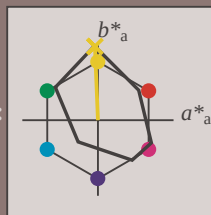
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; CIELAB-Daten |           |        |        |            |            |  |
|-------------------------|-----------|--------|--------|------------|------------|--|
| $u^*_e$                 | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |  |
| O <sub>M</sub>          | 38.8      | 54.41  | 35.65  | 65.05      | 33         |  |
| Y <sub>M</sub>          | 82.58     | -4.04  | 92.72  | 92.8       | 92         |  |
| L <sub>M</sub>          | 46.95     | -55.83 | 39.15  | 68.19      | 145        |  |
| C <sub>M</sub>          | 54.62     | -25.67 | -33.25 | 42.01      | 232        |  |
| V <sub>M</sub>          | 20.01     | 45.64  | -56.27 | 72.45      | 309        |  |
| M <sub>M</sub>          | 40.88     | 71.17  | -34.09 | 78.92      | 334        |  |
| N <sub>M</sub>          | 15.0      | 0.43   | -3.23  | 3.26       | 278        |  |
| W <sub>M</sub>          | 90.0      | 0.62   | -5.76  | 5.79       | 276        |  |
| R <sub>M</sub>          | 39.92     | 58.74  | 27.99  | 65.07      | 25         |  |
| J <sub>M</sub>          | 81.26     | -2.89  | 71.56  | 71.62      | 92         |  |
| G <sub>M</sub>          | 52.23     | -42.42 | 13.6   | 44.55      | 162        |  |
| B <sub>M</sub>          | 30.57     | 1.41   | -46.47 | 46.49      | 272        |  |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 82 -4 98

$LAB^*LCH^*_{Ma}$ : 82 98 92

$lab^*rgb^*_{Ma}$ : 1.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 1.0 0.99 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

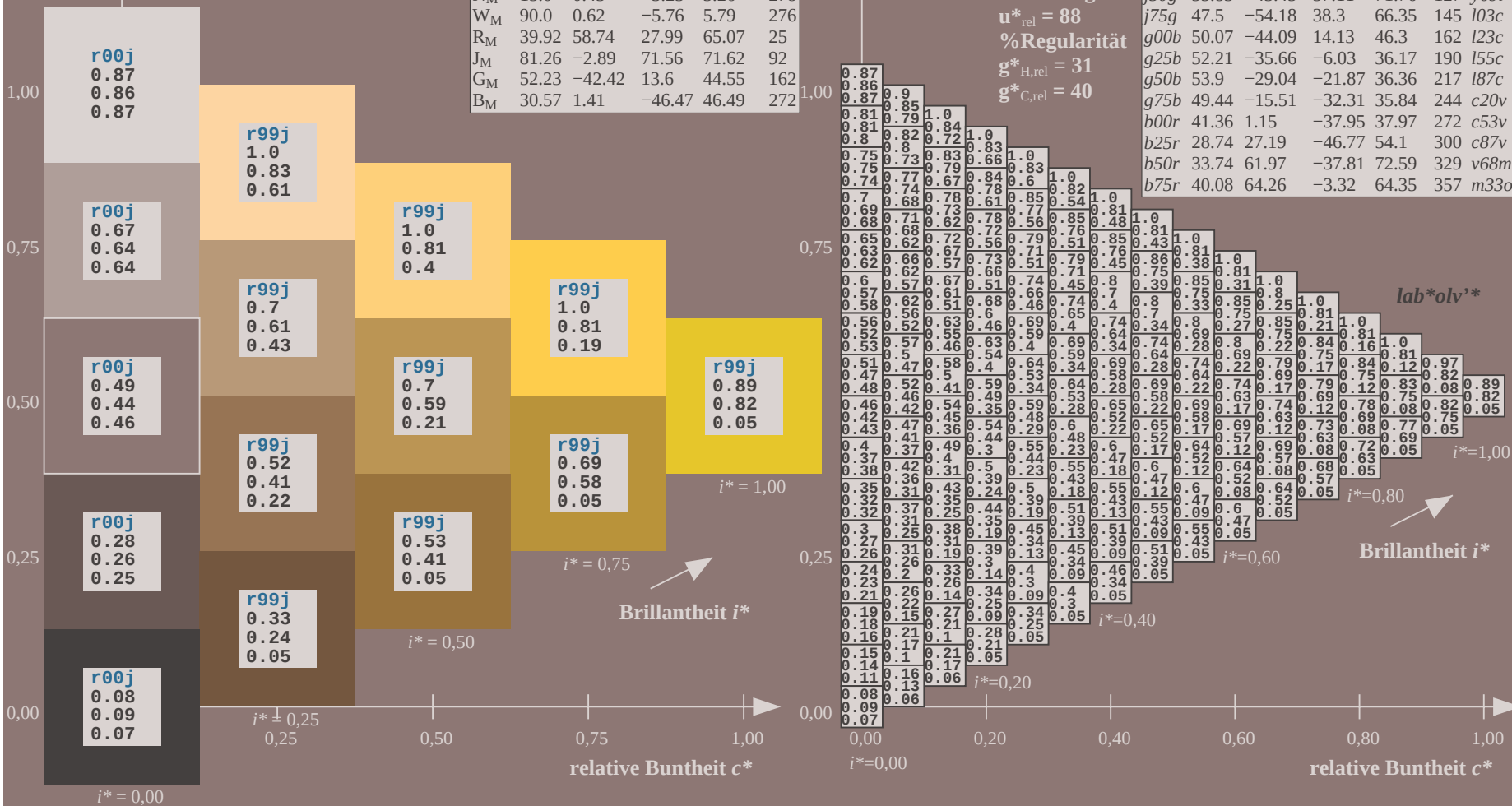
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |  |  |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|--|--|--|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |  |  |  |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |  |  |  |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |  |  |  |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |  |  |  |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |  |  |  |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |  |  |  |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |  |  |  |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |  |  |  |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |  |  |  |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |  |  |  |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |  |  |  |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |  |  |  |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |  |  |  |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |  |  |  |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |  |  |  |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |  |  |  |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |  |  |  |



Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

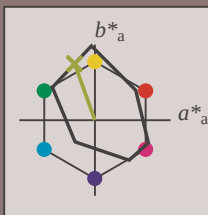
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; CIELAB-Daten |           |        |        |            |            |  |
|-------------------------|-----------|--------|--------|------------|------------|--|
| $u^*_e$                 | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |  |
| O <sub>M</sub>          | 38.8      | 54.41  | 35.65  | 65.05      | 33         |  |
| Y <sub>M</sub>          | 82.58     | -4.04  | 92.72  | 92.8       | 92         |  |
| L <sub>M</sub>          | 46.95     | -55.83 | 39.15  | 68.19      | 145        |  |
| C <sub>M</sub>          | 54.62     | -25.67 | -33.25 | 42.01      | 232        |  |
| V <sub>M</sub>          | 20.01     | 45.64  | -56.27 | 72.45      | 309        |  |
| M <sub>M</sub>          | 40.88     | 71.17  | -34.09 | 78.92      | 334        |  |
| N <sub>M</sub>          | 15.0      | 0.43   | -3.23  | 3.26       | 278        |  |
| W <sub>M</sub>          | 90.0      | 0.62   | -5.76  | 5.79       | 276        |  |
| R <sub>M</sub>          | 39.92     | 58.74  | 27.99  | 65.07      | 25         |  |
| J <sub>M</sub>          | 81.26     | -2.89  | 71.56  | 71.62      | 92         |  |
| G <sub>M</sub>          | 52.23     | -42.42 | 13.6   | 44.55      | 162        |  |
| B <sub>M</sub>          | 30.57     | 1.41   | -46.47 | 46.49      | 272        |  |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 67 -27 75

$LAB^*LCH^*_{Ma}$ : 67 79 109

$lab^*rgb^*_{Ma}$ : 0.75 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.66 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

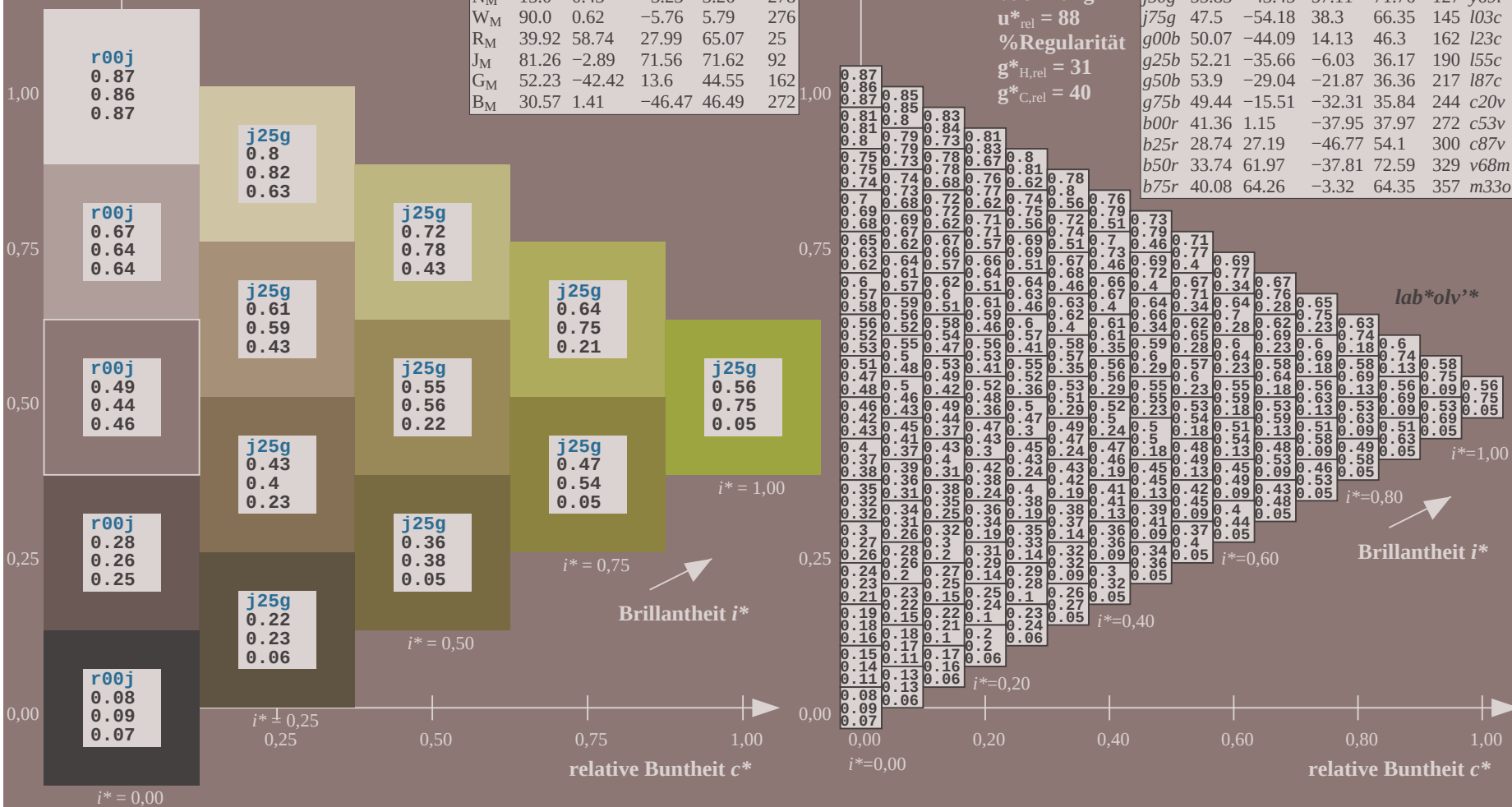
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |  |  |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|--|--|--|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |  |  |  |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |  |  |  |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |  |  |  |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |  |  |  |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |  |  |  |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |  |  |  |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |  |  |  |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |  |  |  |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |  |  |  |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |  |  |  |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |  |  |  |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |  |  |  |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |  |  |  |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |  |  |  |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |  |  |  |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |  |  |  |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |  |  |  |





Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.354$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

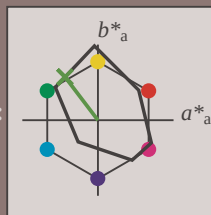
Bunttontexte:

$u^*_e = j50g$   $u^*_d = y69l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; CIELAB-Daten |           |        |        |            |            |
|-------------------------|-----------|--------|--------|------------|------------|
| $u^*_e$                 | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
| O <sub>M</sub>          | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub>          | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub>          | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub>          | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub>          | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub>          | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub>          | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub>          | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub>          | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub>          | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub>          | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub>          | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 56 -43 57

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 56 72 127

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.5 1.0 0.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.3 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

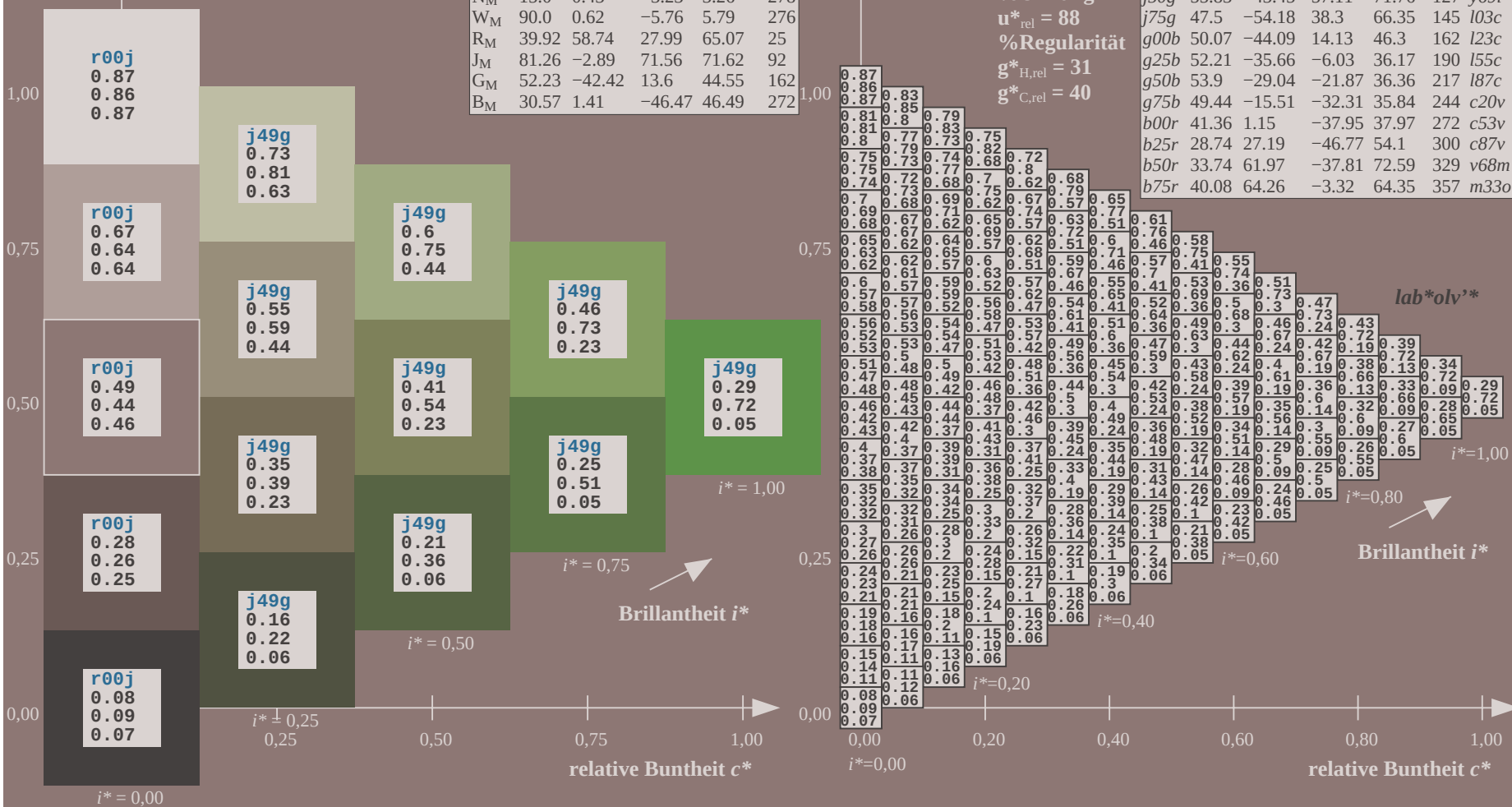
$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |  |  |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|--|--|--|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |  |  |  |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |  |  |  |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |  |  |  |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |  |  |  |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |  |  |  |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |  |  |  |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |  |  |  |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |  |  |  |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |  |  |  |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |  |  |  |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |  |  |  |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |  |  |  |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |  |  |  |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |  |  |  |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |  |  |  |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |  |  |  |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |  |  |  |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

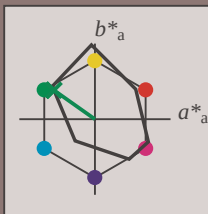
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 -54 38

$LAB^*LCH^*_{Ma}$ : 48 66 144

$lab^*rgb^*_{Ma}$ : 0.25 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

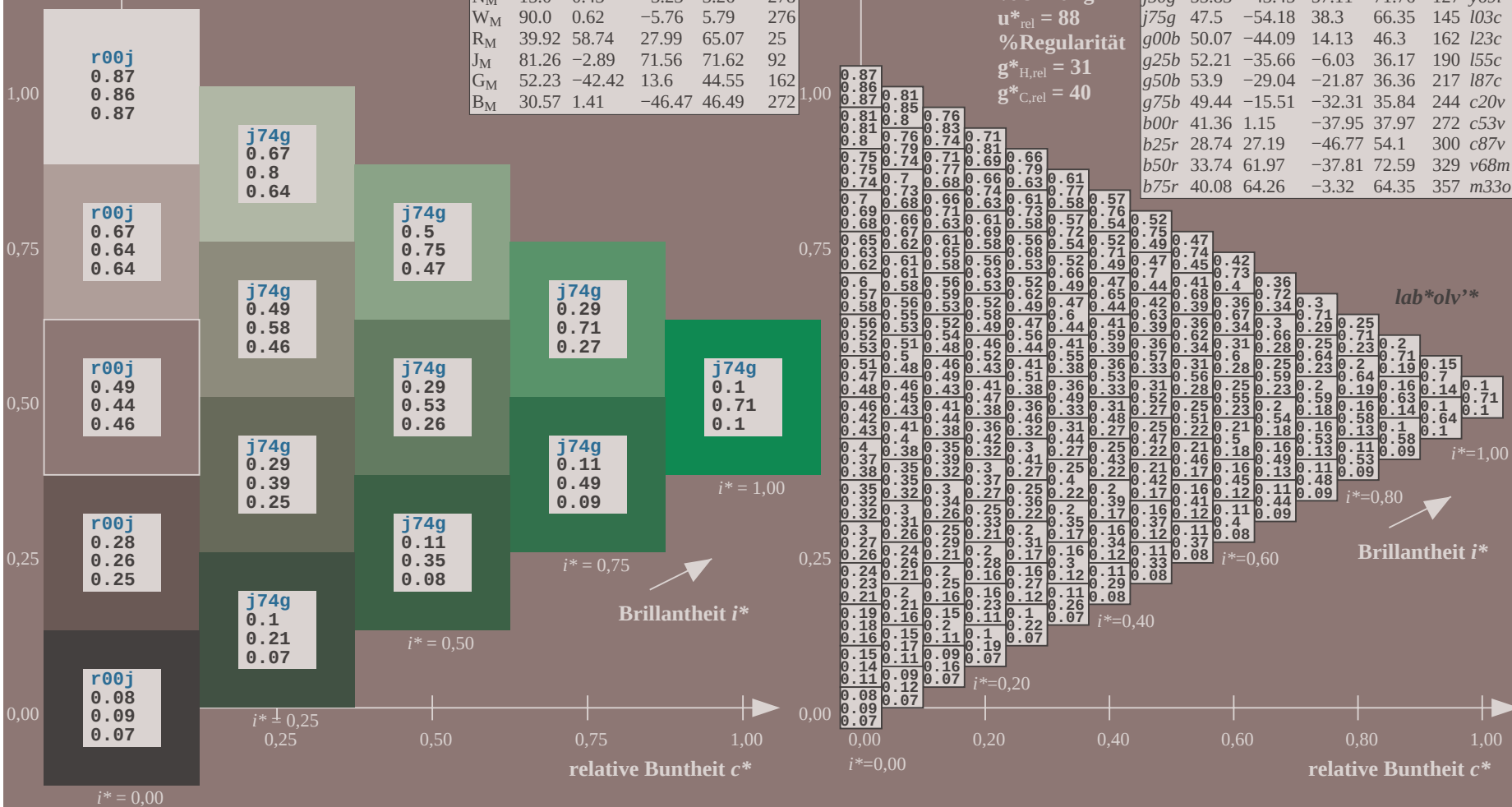
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | i03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | i23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | i55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | i87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSp=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSp=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSp=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSp=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

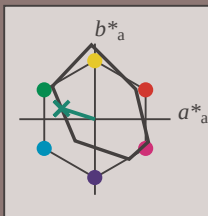
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 50 -44 14

$LAB^*LCH^*_{Ma}$ : 50 46 162

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

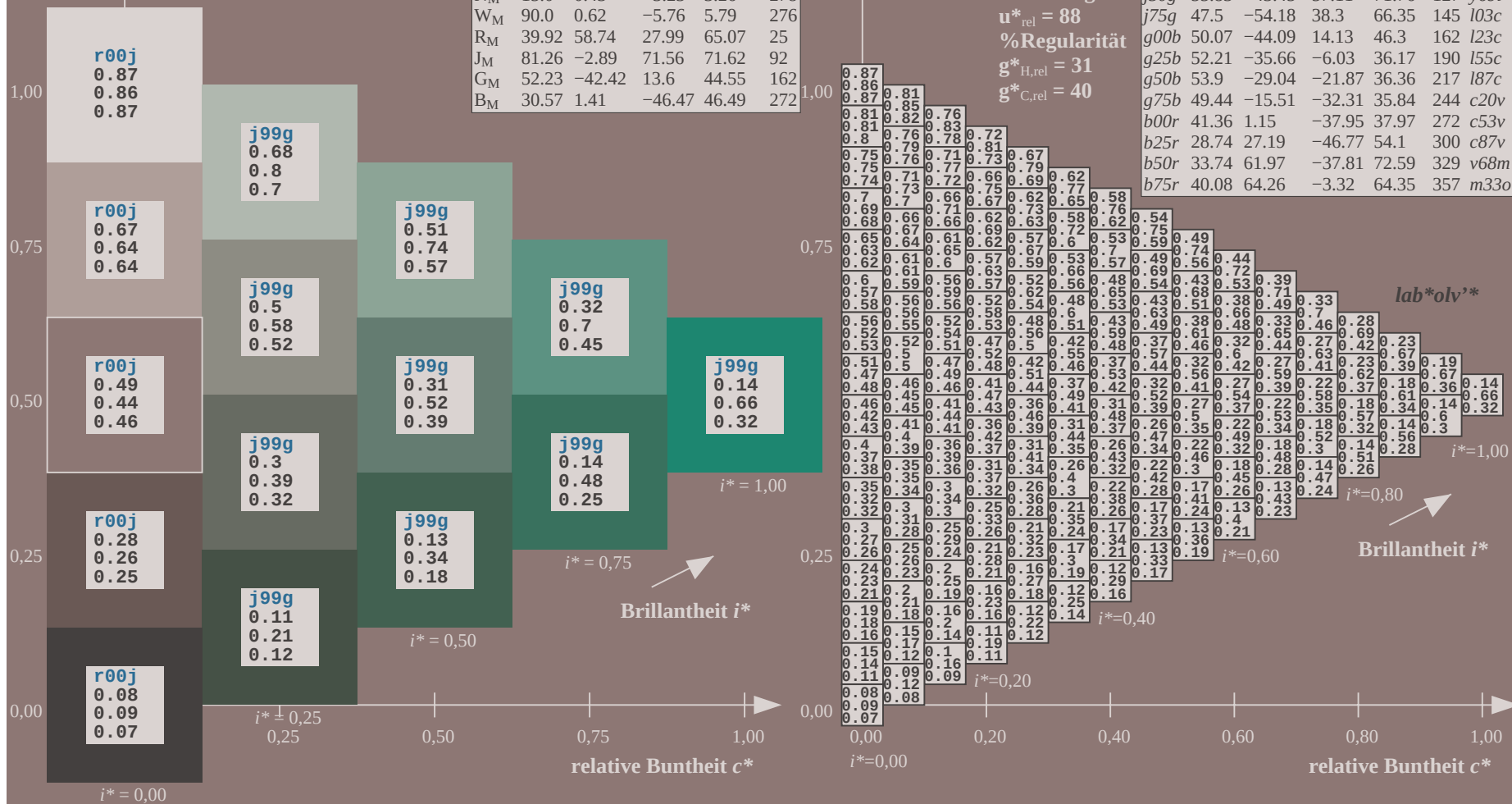
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$u^*_e = g00b$   
 $lab^*olv^*$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

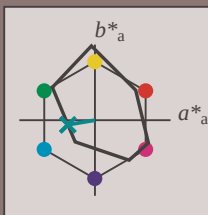
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 52 -36 -6

$LAB^*LCH^*_{Ma}$ : 52 36 189

$lab^*rgb^*_{Ma}$ : 0.0 1.0 0.5

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

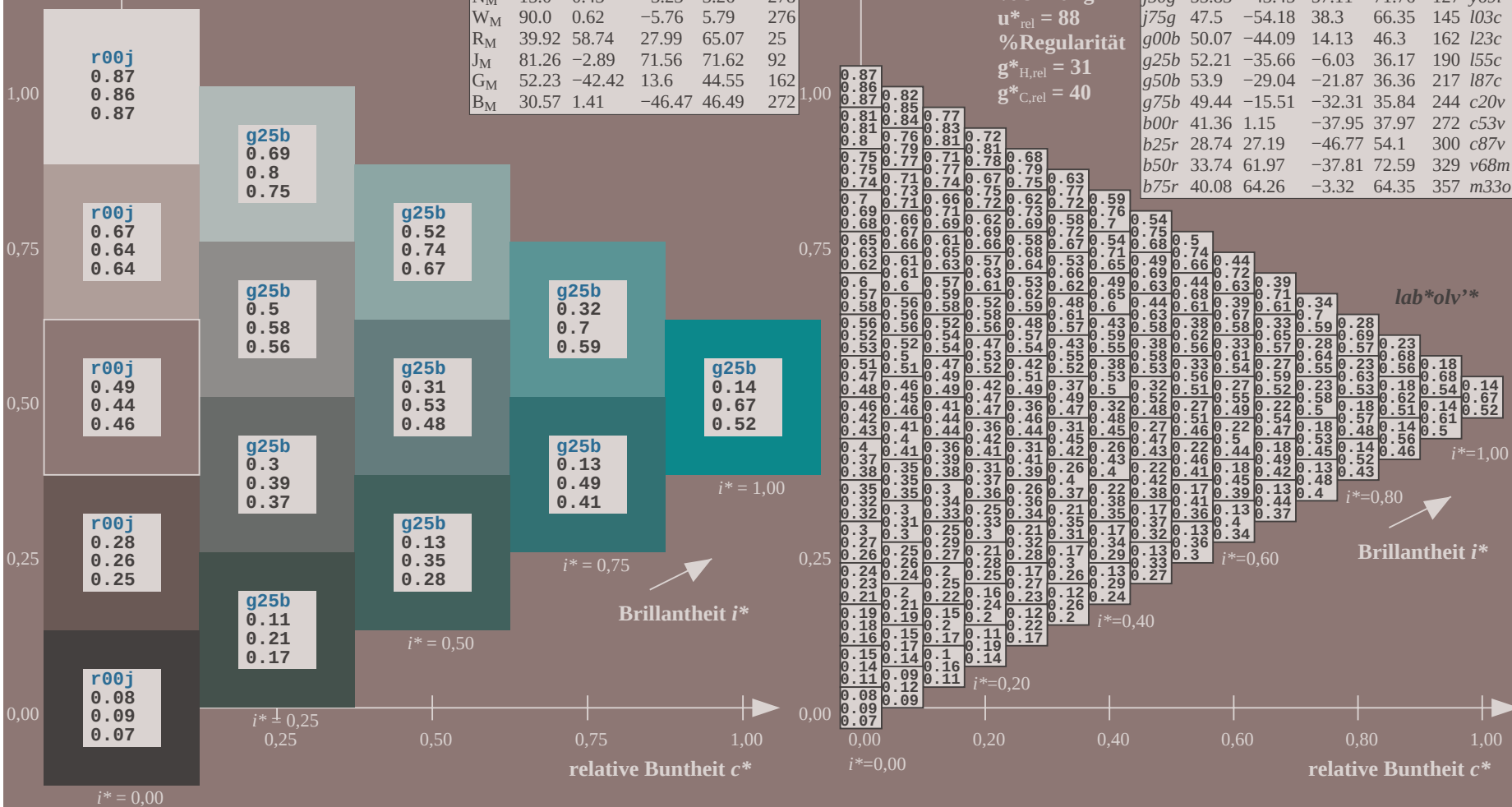
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

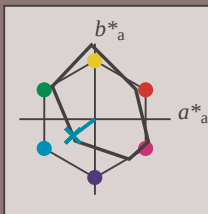
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 54 -29 -22

$LAB^*LCH^*_{Ma}$ : 54 36 216

$lab^*rgb^*_{Ma}$ : 0.0 1.0 1.0

$lab^*olv^*_{Ma}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

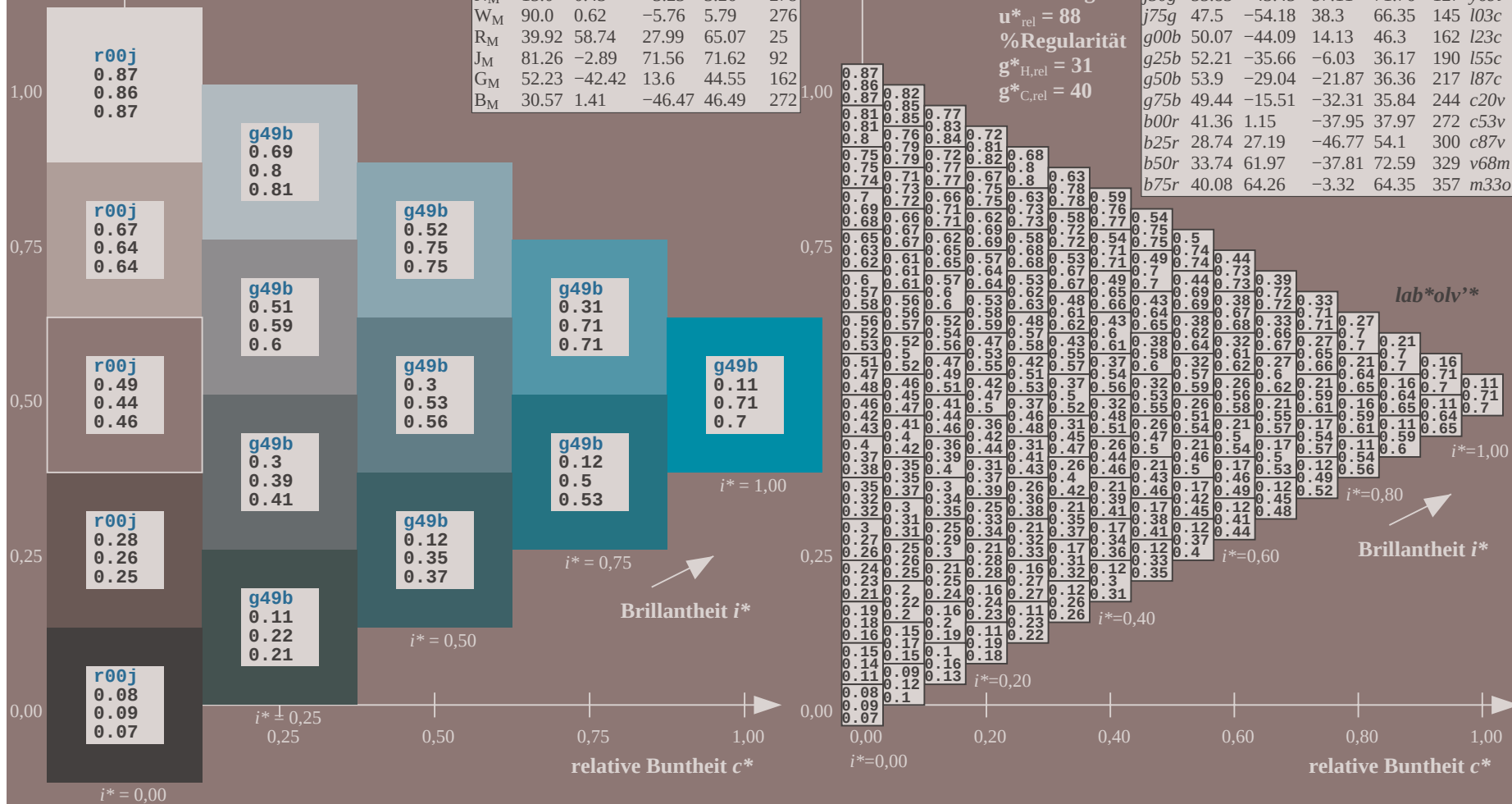
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

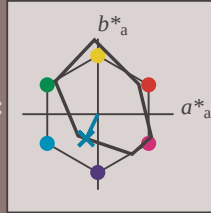
## Bunttexte:

$$u^*_e = g75b \quad u^*_d = c20v$$

## Kontrastreduzierungsfaktor:

 $c_R = 0.9$ 

### Dreiecks-Helligkeit $t^*$



| FRS15_90a; CIELAB-Daten |         |           |        |       |            |            |
|-------------------------|---------|-----------|--------|-------|------------|------------|
|                         | $u^*_e$ | $L^*=L^*$ | $a^*$  | $b^*$ | $C^*_{ab}$ | $h^*_{ab}$ |
| O <sub>M</sub>          | 38.8    | 54.41     | 35.65  | 65.05 | 33         | 32         |
| Y <sub>M</sub>          | 82.58   | -4.04     | 92.72  | 92.8  | 92         | 92         |
| L <sub>M</sub>          | 46.95   | -55.83    | 39.15  | 68.19 | 14         | 14         |
| C <sub>M</sub>          | 54.62   | -25.67    | -33.25 | 42.01 | 23         | 23         |
| V <sub>M</sub>          | 20.01   | 45.64     | -56.27 | 72.45 | 30         | 30         |
| M <sub>M</sub>          | 40.88   | 71.17     | -34.09 | 78.92 | 33         | 33         |
| N <sub>M</sub>          | 15.0    | 0.43      | -3.23  | 3.26  | 27         | 27         |
| W <sub>M</sub>          | 90.0    | 0.62      | -5.76  | 5.79  | 27         | 27         |
| R <sub>M</sub>          | 39.92   | 58.74     | 27.99  | 65.07 | 25         | 25         |
| J <sub>M</sub>          | 81.26   | -2.89     | 71.56  | 71.62 | 92         | 92         |
| G <sub>M</sub>          | 52.23   | -42.42    | 13.6   | 44.55 | 16         | 16         |
| B <sub>M</sub>          | 30.57   | 1.41      | -46.47 | 46.49 | 27         | 27         |

### Daten für Maximalfarbe (Ma):

 $LAB*LAB*_M3: 49 \quad -16 \quad -32$ 

LAP\*LCH\*- : 40 36 244

LAB LCH Ma: 49 56 2

*lab\*rgb*\*Ma: 0.0 0.5 1.0

*lab\*olv\**Ma: 0.0 0.8 1.0

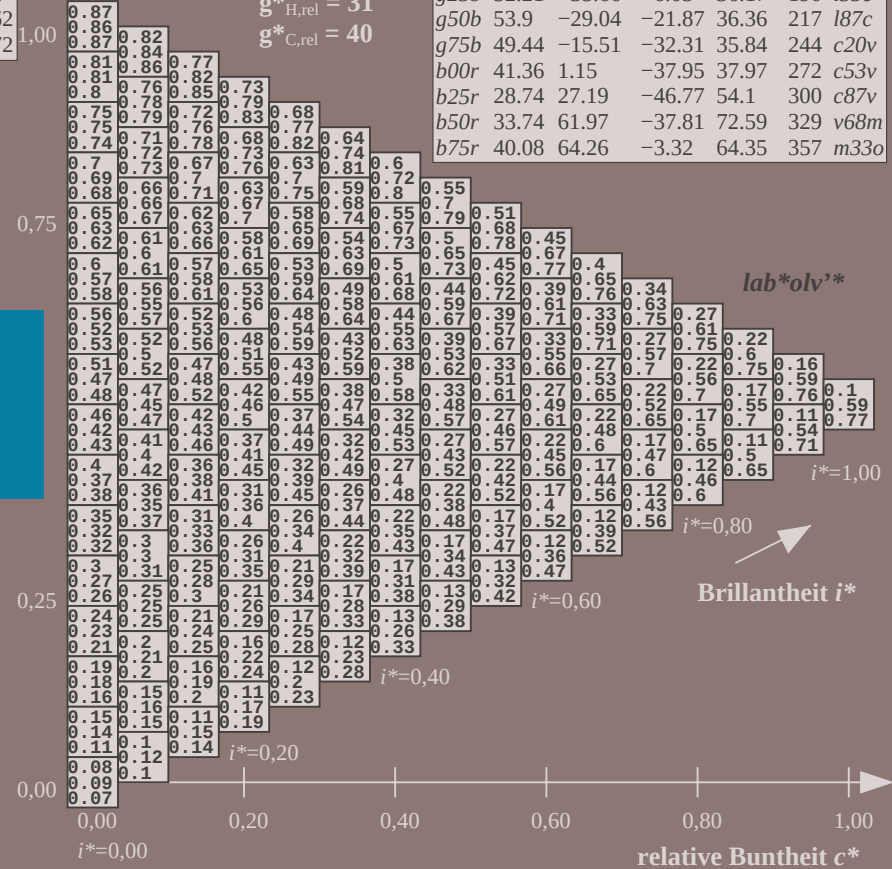
### Dreiecks-Helligkeit $t^*$

0/31

**%Umfang**

$$\mathbf{u}_{\text{rel}}^* = 88$$

### %Regular

$$g^*_{H,rel} = 31$$


**Brillantheit i\***

relative Buntheit  $c^*$ relative Buntheit  $c^*$ 

BAM-Prüfvorlage Eg11; Farbmatrik-Systeme, Seite 247/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmY0\* setcmyk

Eingabe: 000n / w / nnn0 / www set...

Ausgabe:  $- \rightarrow LAB^* - \rightarrow cmv0^* setcmvk$

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| C | M | Y | O | L | V |
|---|---|---|---|---|---|

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rh4ta4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

### Bunttexte:

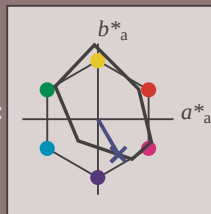
$$u^*_e = b25r \quad u^*_d = c87v$$

**Kontrastreduzierungsfaktor:**

 $c_p = 0.9$ 

### Dreiecks-Helligkeit $t^*$

► **Directs** attention



| FRS15_90a; CIELAB-Daten |           |        |        |            |            |  |
|-------------------------|-----------|--------|--------|------------|------------|--|
| $u^*_e$                 | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |  |
| O <sub>M</sub>          | 38.8      | 54.41  | 35.65  | 65.05      | 33         |  |
| Y <sub>M</sub>          | 82.58     | -4.04  | 92.72  | 92.8       | 92         |  |
| L <sub>M</sub>          | 46.95     | -55.83 | 39.15  | 68.19      | 143        |  |
| C <sub>M</sub>          | 54.62     | -25.67 | -33.25 | 42.01      | 233        |  |
| V <sub>M</sub>          | 20.01     | 45.64  | -56.27 | 72.45      | 309        |  |
| M <sub>M</sub>          | 40.88     | 71.17  | -34.09 | 78.92      | 334        |  |
| N <sub>M</sub>          | 15.0      | 0.43   | -3.23  | 3.26       | 278        |  |
| W <sub>M</sub>          | 90.0      | 0.62   | -5.76  | 5.79       | 270        |  |
| R <sub>M</sub>          | 39.92     | 58.74  | 27.99  | 65.07      | 25         |  |
| J <sub>M</sub>          | 81.26     | -2.89  | 71.56  | 71.62      | 92         |  |
| G <sub>M</sub>          | 52.23     | -42.42 | 13.6   | 44.55      | 162        |  |
| B <sub>M</sub>          | 30.57     | 1.41   | -46.47 | 46.49      | 273        |  |

### Daten für Maximalfarbe (Ma):

LAB\*LAB\*Ms: 29-27-47

LAD\*LGII\* 20 54 200

LAB\*LCH\*Ma: 29 54 30

*lab\*rgb*<sub>Ma</sub>: 0.5 0.0 1.0

*lab\*olv\**Ma: 0.0 0.12 1.0

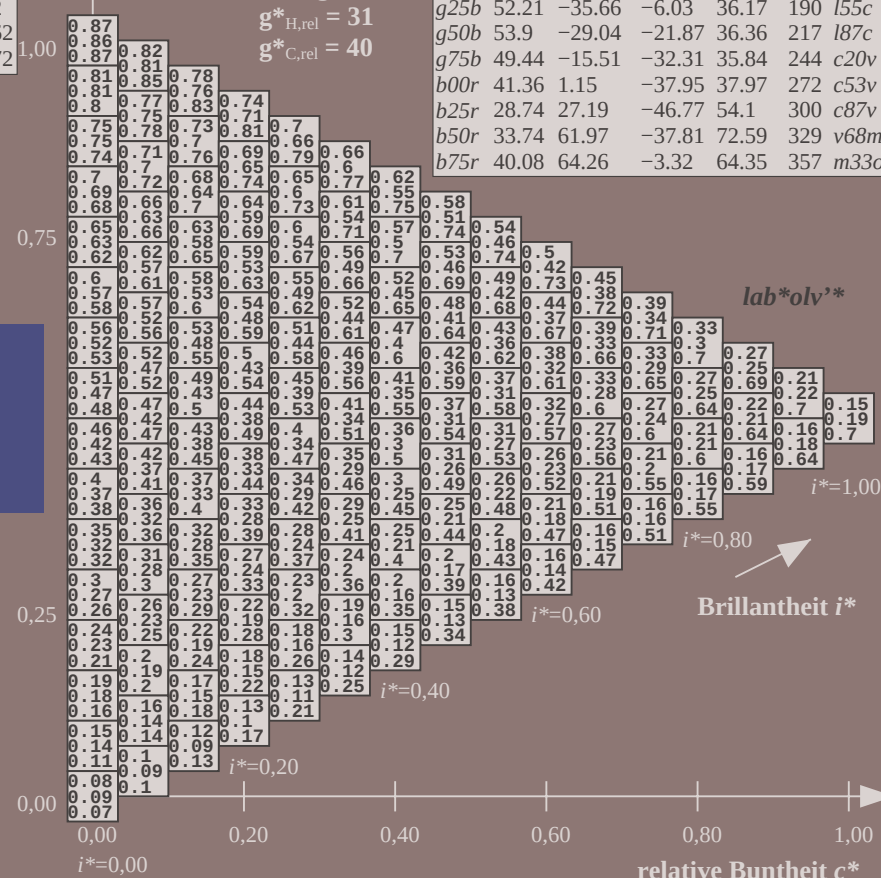
Dreiecks-Helligkeit  $t^*$ 

► **Drakens Height:**

## %Umfang

$$u_{rel}^* = 88$$

**%Regular**

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$


## Brillantheit i\*

|   |      |      |
|---|------|------|
| 3 | 0.19 | 0.21 |
| 2 | 0.1  |      |
|   | 0.17 |      |

|      |      |      |
|------|------|------|
| 0.14 | 0.14 | 0.09 |
| 0.11 | 0.1  | 0.13 |

→ 000

BAM-Prüfvorlage Eg11; Farbmatrik-Systeme, Seite 249/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmv0\* setcmv0

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg.HTM](http://www.ps.bam.de/Eg.HTM)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1.1, CIELAB, ColSpx=0

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,%20io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

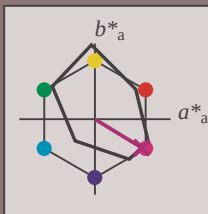
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 34 62 -38

$LAB^*LCH^*_{Ma}$ : 34 73 328

$lab^*rgb^*_{Ma}$ : 1.0 0.0 1.0

$lab^*olv^*_{Ma}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

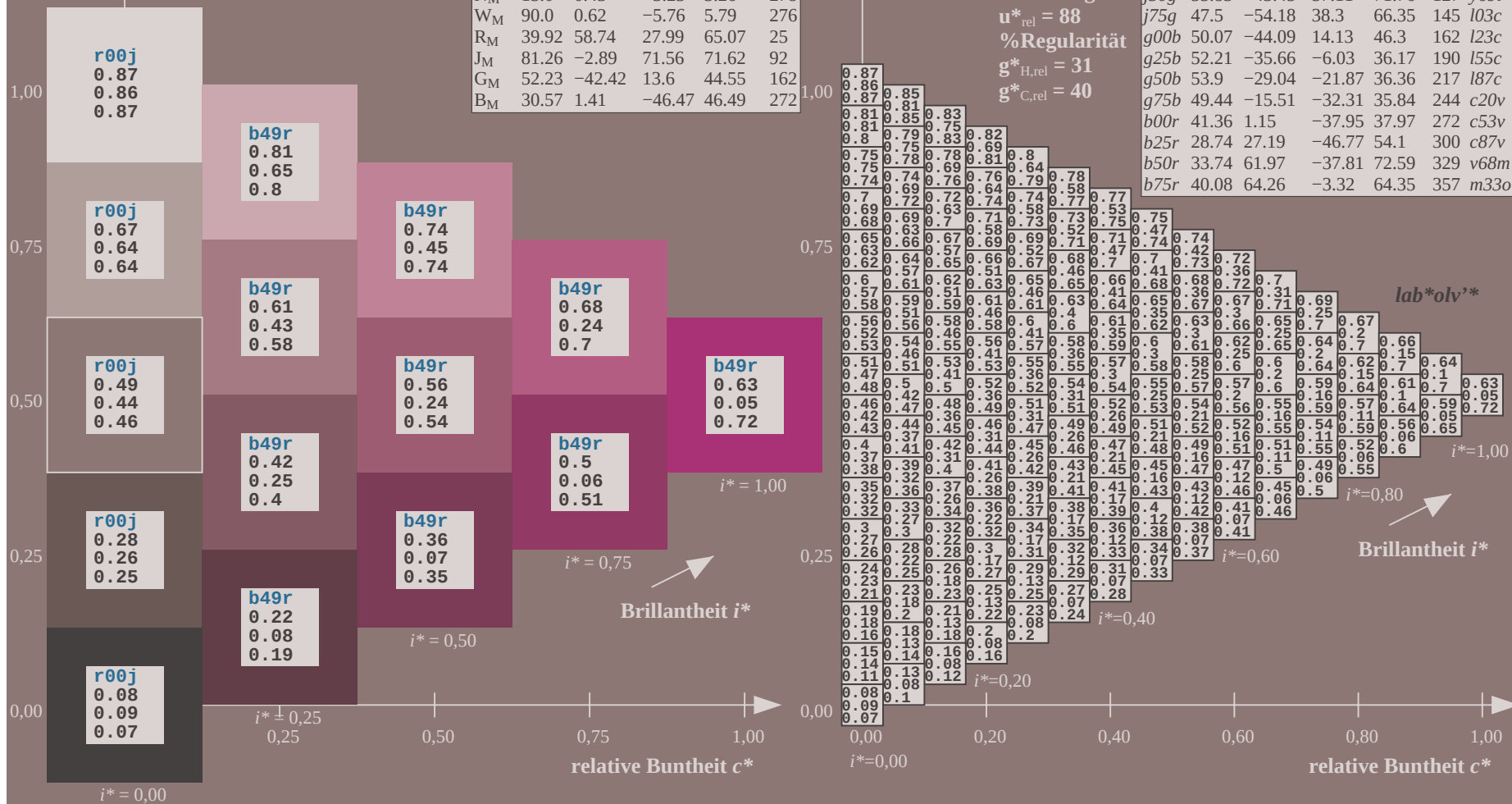
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$u^*_e = b50r$   
 $lab^*olv^*$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

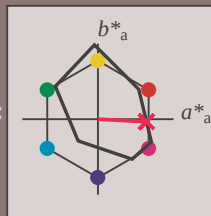
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; CIELAB-Daten |             |        |        |            |            |  |
|-------------------------|-------------|--------|--------|------------|------------|--|
| $u^*_e$                 | $L^*=L^*_a$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |  |
| O <sub>M</sub>          | 38.8        | 54.41  | 35.65  | 65.05      | 33         |  |
| Y <sub>M</sub>          | 82.58       | -4.04  | 92.72  | 92.8       | 92         |  |
| L <sub>M</sub>          | 46.95       | -55.83 | 39.15  | 68.19      | 145        |  |
| C <sub>M</sub>          | 54.62       | -25.67 | -33.25 | 42.01      | 232        |  |
| V <sub>M</sub>          | 20.01       | 45.64  | -56.27 | 72.45      | 309        |  |
| M <sub>M</sub>          | 40.88       | 71.17  | -34.09 | 78.92      | 334        |  |
| N <sub>M</sub>          | 15.0        | 0.43   | -3.23  | 3.26       | 278        |  |
| W <sub>M</sub>          | 90.0        | 0.62   | -5.76  | 5.79       | 276        |  |
| R <sub>M</sub>          | 39.92       | 58.74  | 27.99  | 65.07      | 25         |  |
| J <sub>M</sub>          | 81.26       | -2.89  | 71.56  | 71.62      | 92         |  |
| G <sub>M</sub>          | 52.23       | -42.42 | 13.6   | 44.55      | 162        |  |
| B <sub>M</sub>          | 30.57       | 1.41   | -46.47 | 46.49      | 272        |  |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 64 -3

$LAB^*LCH^*_{Ma}$ : 40 64 357

$lab^*rgb^*_{Ma}$ : 1.0 0.0 0.5

$lab^*olv^*_{Ma}$ : 1.0 0.0 0.66

Dreiecks-Helligkeit  $t^*$

%Umfang

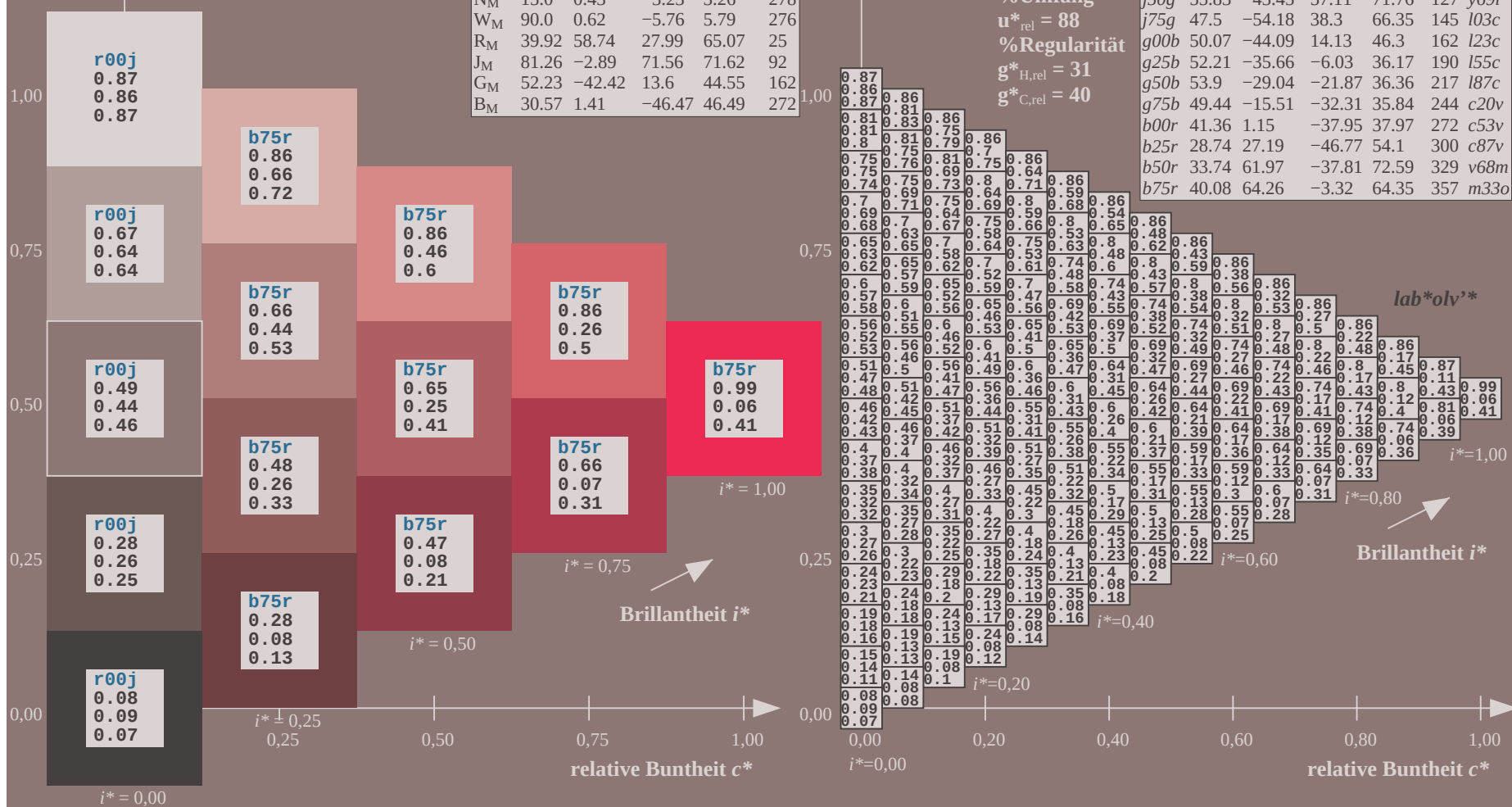
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|--|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |  |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |  |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |  |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |  |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |  |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |  |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |  |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |  |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |  |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |  |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |  |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |  |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |  |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |  |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |  |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |  |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |  |



BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen



BAM-Prüfvorlage Eg11; Farbmatrik-Systeme, Seite 252/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00i bis b75r    Ausgabe: ->LAB\*->cmv0\* setcmv

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS15\_90a  
Daten für jede Farbe:

$u^*_e$  und Nummer Nr. = 00 .. 15

Elementar-Bunttontext:

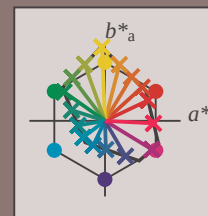
$u^*_e = 16$  Bunttoene  $r00j$ ,  $r25j$ , ...,  $b75r$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| $r00j$  | 39.18       | 56.94   | 27.13   | 63.07        | 25           | $m81o$  |
| $r25j$  | 42.41       | 49.1    | 44.5    | 66.26        | 42           | $o10y$  |
| $r50j$  | 52.78       | 35.22   | 58.37   | 68.17        | 59           | $o40y$  |
| $r75j$  | 64.82       | 19.12   | 74.47   | 76.89        | 76           | $o69y$  |
| $j00g$  | 82.06       | -3.94   | 97.52   | 97.6         | 92           | $o98y$  |
| $j25g$  | 67.26       | -26.87  | 74.67   | 79.36        | 110          | $y34l$  |
| $j50g$  | 55.83       | -43.45  | 57.11   | 71.76        | 127          | $y69l$  |
| $j75g$  | 47.5        | -54.18  | 38.3    | 66.35        | 145          | $l03c$  |
| $g00b$  | 50.07       | -44.09  | 14.13   | 46.3         | 162          | $l23c$  |
| $g25b$  | 52.21       | -35.66  | -6.03   | 36.17        | 190          | $l55c$  |
| $g50b$  | 53.9        | -29.04  | -21.87  | 36.36        | 217          | $l87c$  |
| $g75b$  | 49.44       | -15.51  | -32.31  | 35.84        | 244          | $c20v$  |
| $b00r$  | 41.36       | 1.15    | -37.95  | 37.97        | 272          | $c53v$  |
| $b25r$  | 28.74       | 27.19   | -46.77  | 54.1         | 300          | $c87v$  |
| $b50r$  | 33.74       | 61.97   | -37.81  | 72.59        | 329          | $v68m$  |
| $b75r$  | 40.08       | 64.26   | -3.32   | 64.35        | 357          | $m33o$  |



%Umfang

$u^*_{rel} = 88$

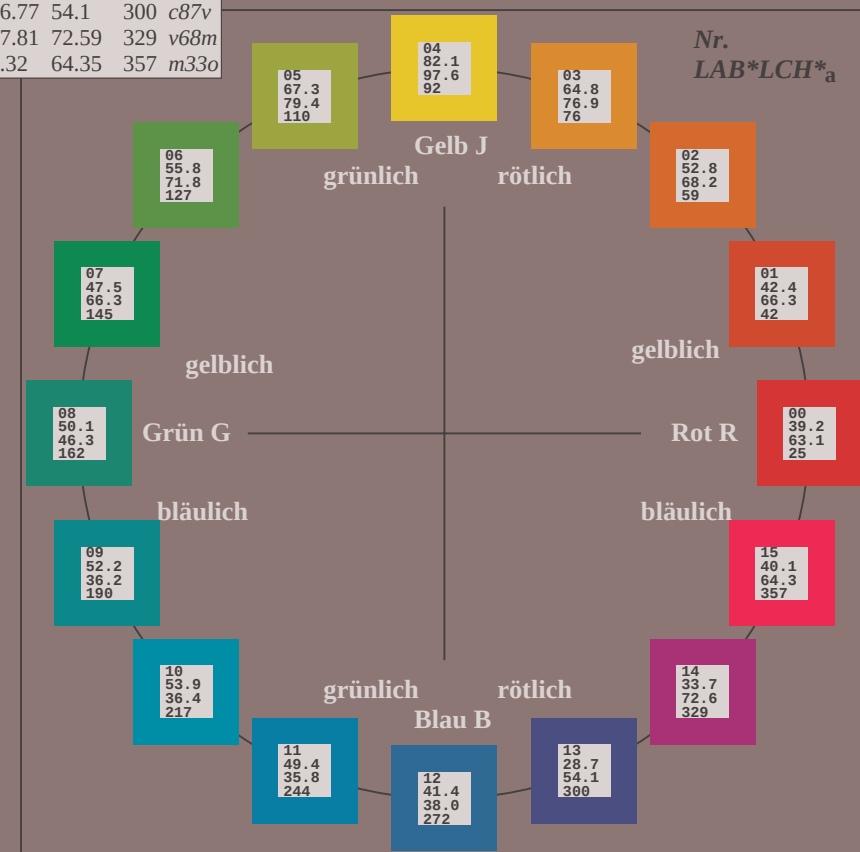
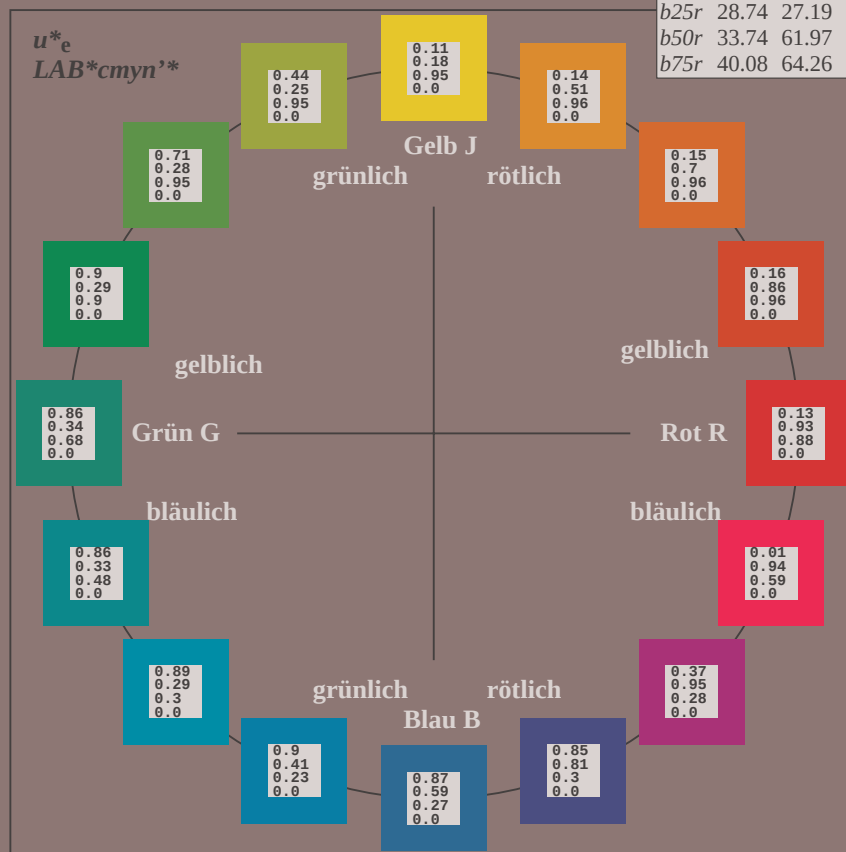
%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS15\_90a; CIELAB-Daten

| Name      | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|-----------|-----------|--------|--------|------------|------------|
| $O_M$     | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| $Y_M$     | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| $L_M$     | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| $C_M$     | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| $V_M$     | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| $M_M$     | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| $N_M$     | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| $W_M$     | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| $R_{CIE}$ | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| $J_{CIE}$ | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| $G_{CIE}$ | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| $B_{CIE}$ | 30.57     | 1.41   | -46.47 | 46.49      | 272        |





Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.071$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

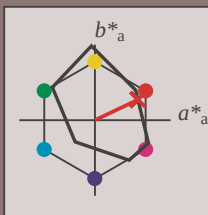
Bunttontexte:

$u^*_e = r00j$   $u^*_d = m81o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; CIELAB-Daten |           |        |        |            |            |  |
|-------------------------|-----------|--------|--------|------------|------------|--|
| $u^*_e$                 | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |  |
| O <sub>M</sub>          | 38.8      | 54.41  | 35.65  | 65.05      | 33         |  |
| Y <sub>M</sub>          | 82.58     | -4.04  | 92.72  | 92.8       | 92         |  |
| L <sub>M</sub>          | 46.95     | -55.83 | 39.15  | 68.19      | 145        |  |
| C <sub>M</sub>          | 54.62     | -25.67 | -33.25 | 42.01      | 232        |  |
| V <sub>M</sub>          | 20.01     | 45.64  | -56.27 | 72.45      | 309        |  |
| M <sub>M</sub>          | 40.88     | 71.17  | -34.09 | 78.92      | 334        |  |
| N <sub>M</sub>          | 15.0      | 0.43   | -3.23  | 3.26       | 278        |  |
| W <sub>M</sub>          | 90.0      | 0.62   | -5.76  | 5.79       | 276        |  |
| R <sub>M</sub>          | 39.92     | 58.74  | 27.99  | 65.07      | 25         |  |
| J <sub>M</sub>          | 81.26     | -2.89  | 71.56  | 71.62      | 92         |  |
| G <sub>M</sub>          | 52.23     | -42.42 | 13.6   | 44.55      | 162        |  |
| B <sub>M</sub>          | 30.57     | 1.41   | -46.47 | 46.49      | 272        |  |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 39 57 27

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 39 63 25

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 1.0 0.0 0.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 1.0 0.0 0.18

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

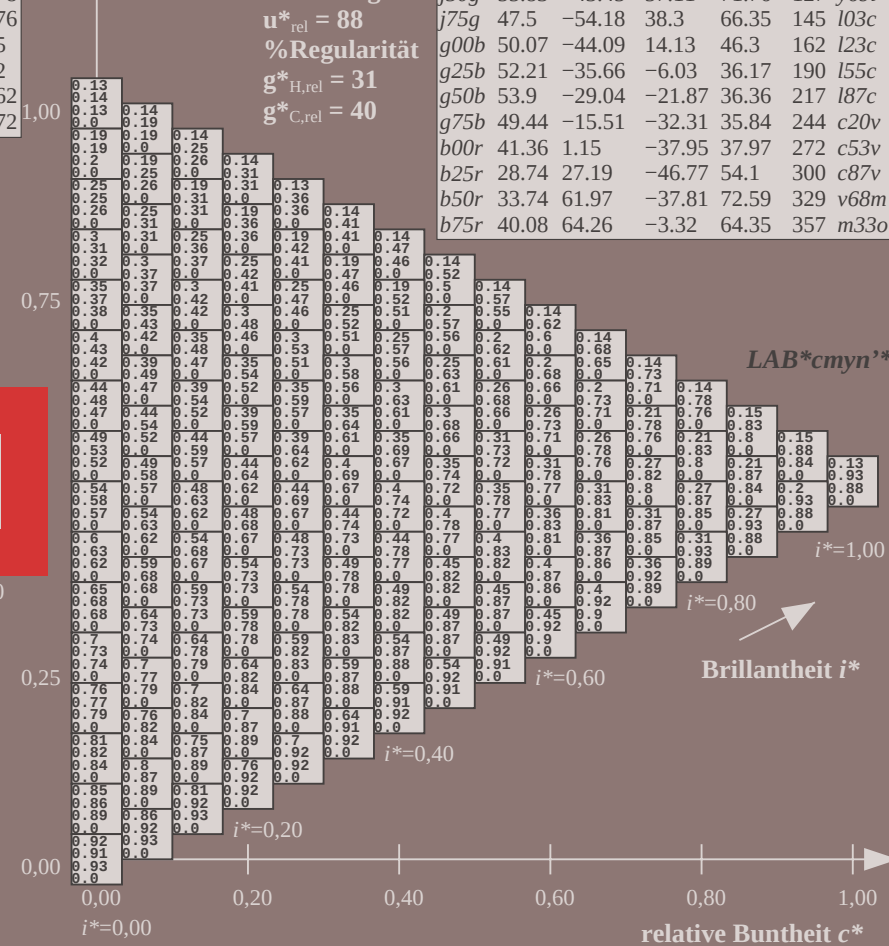
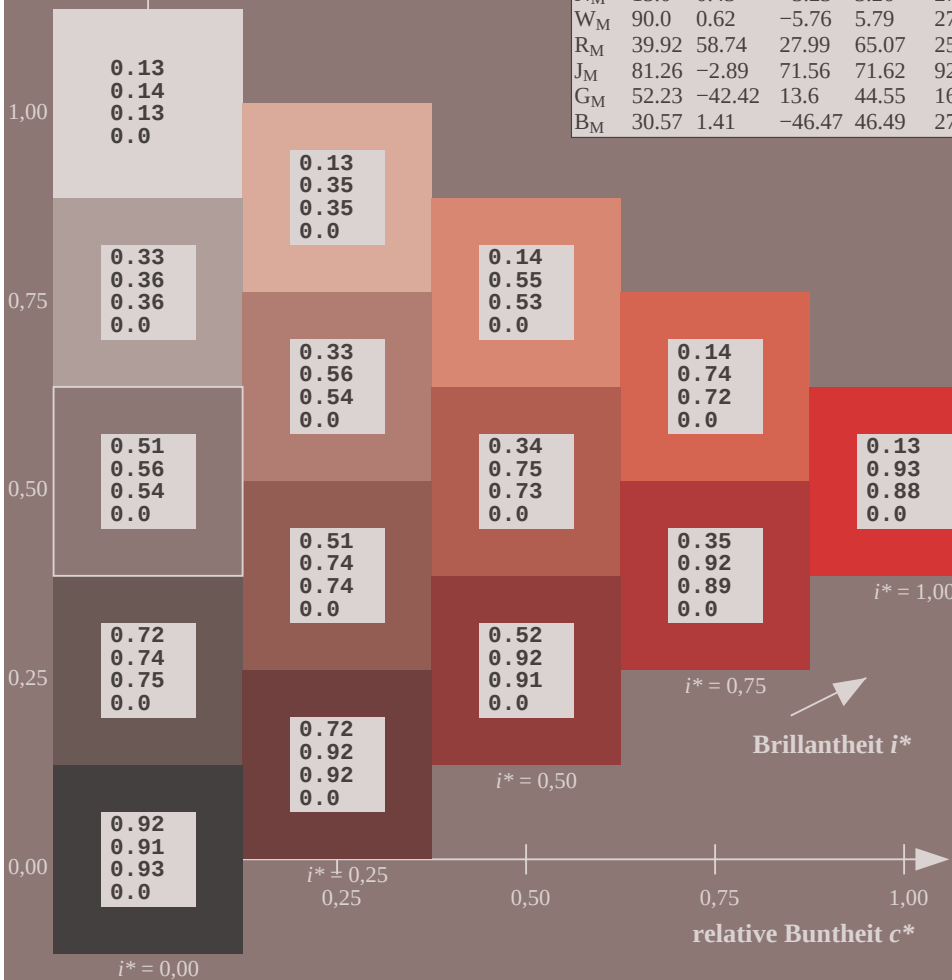
%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

$u^*_e = r00j$   
 $\text{LAB}^*\text{cmy}^*_{\text{Ma}}$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.117$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

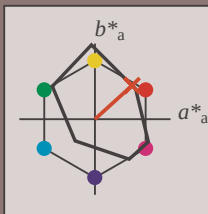
Bunttontexte:

$u^*_e = r25j$   $u^*_d = o10y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 42 49 44

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 42 66 42

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 1.0 0.25 0.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 1.0 0.1 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

$u^*_e = r25j$   
 $\text{LAB}^*\text{cmy}^*_{\text{Ma}}$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$\text{LAB}^*\text{cmy}^*_{\text{Ma}}$

$i^* = 1.00$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Brillanzheit  $i^*$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

BAM-Registrierung: 20081001-Eg11/10/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; <http://www.ps.bam.de/Eg11/10L/L11G00FP.PS/> .PDF  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, ColSpX=0](http://www.ps.bam.de/Version%202.1,%20io=1,1,CIELAB,ColSpX=0)

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.21$

Daten für jede Farbe:

$lab^*ch^*$  und  $lab^*icu^*$

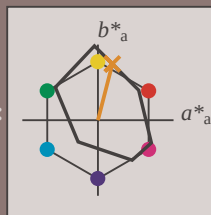
Bunttontexte:

$u^*_e = r75j$   $u^*_d = o69y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; CIELAB-Daten |           |        |        |            |            |  |
|-------------------------|-----------|--------|--------|------------|------------|--|
| $u^*_e$                 | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |  |
| O <sub>M</sub>          | 38.8      | 54.41  | 35.65  | 65.05      | 33         |  |
| Y <sub>M</sub>          | 82.58     | -4.04  | 92.72  | 92.8       | 92         |  |
| L <sub>M</sub>          | 46.95     | -55.83 | 39.15  | 68.19      | 145        |  |
| C <sub>M</sub>          | 54.62     | -25.67 | -33.25 | 42.01      | 232        |  |
| V <sub>M</sub>          | 20.01     | 45.64  | -56.27 | 72.45      | 309        |  |
| M <sub>M</sub>          | 40.88     | 71.17  | -34.09 | 78.92      | 334        |  |
| N <sub>M</sub>          | 15.0      | 0.43   | -3.23  | 3.26       | 278        |  |
| W <sub>M</sub>          | 90.0      | 0.62   | -5.76  | 5.79       | 276        |  |
| R <sub>M</sub>          | 39.92     | 58.74  | 27.99  | 65.07      | 25         |  |
| J <sub>M</sub>          | 81.26     | -2.89  | 71.56  | 71.62      | 92         |  |
| G <sub>M</sub>          | 52.23     | -42.42 | 13.6   | 44.55      | 162        |  |
| B <sub>M</sub>          | 30.57     | 1.41   | -46.47 | 46.49      | 272        |  |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 65 19 74

$LAB^*LCH^*Ma$ : 65 77 75

$lab^*rgb^*Ma$ : 1.0 0.75 0.0

$lab^*olv^*Ma$ : 1.0 0.7 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

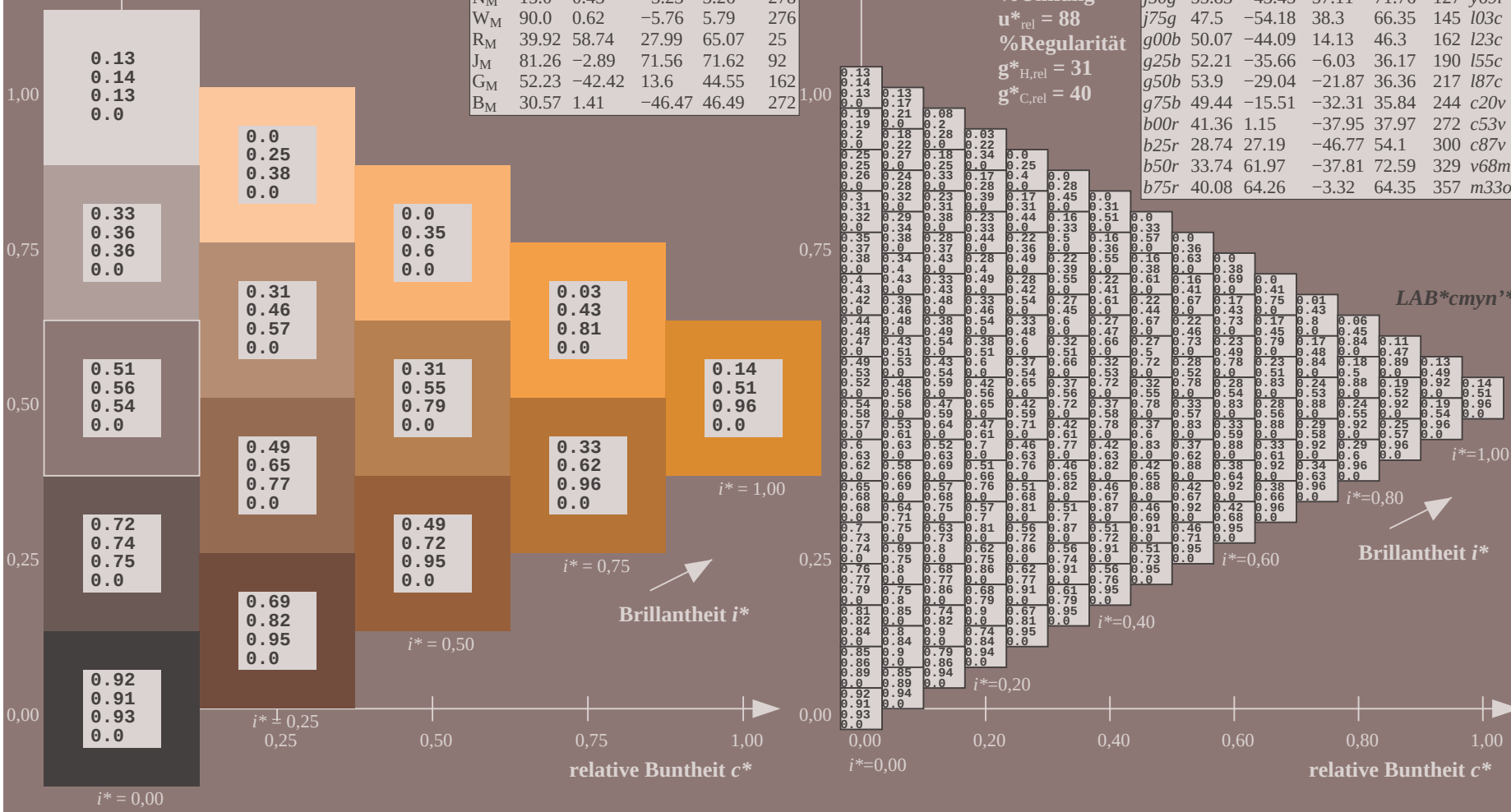
$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|--|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |  |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |  |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |  |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |  |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |  |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |  |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |  |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |  |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |  |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |  |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |  |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |  |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |  |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |  |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |  |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |  |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |  |





Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11G00FP.PS/](http://www.ps.bam.de/Eg11G00FP.PS/).PDF  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.256$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

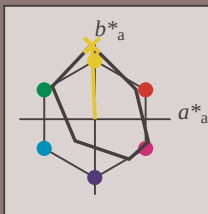
Bunttontexte:

$u^*_e = j00g$   $u^*_d = o98y$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}: 82 -4 98$

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}: 82 98 92$

$\text{lab}^*\text{rgb}^*_{\text{Ma}}: 1.0 1.0 0.0$

$\text{lab}^*\text{olv}^*_{\text{Ma}}: 1.0 0.99 0.0$

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

$u^*_e = j00g$   
 $\text{LAB}^*\text{cmy}^*_{\text{Ma}}$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$\text{LAB}^*\text{cmy}^*_{\text{Ma}}$

$i^* = 1.00$

Brillantheit  $i^*$

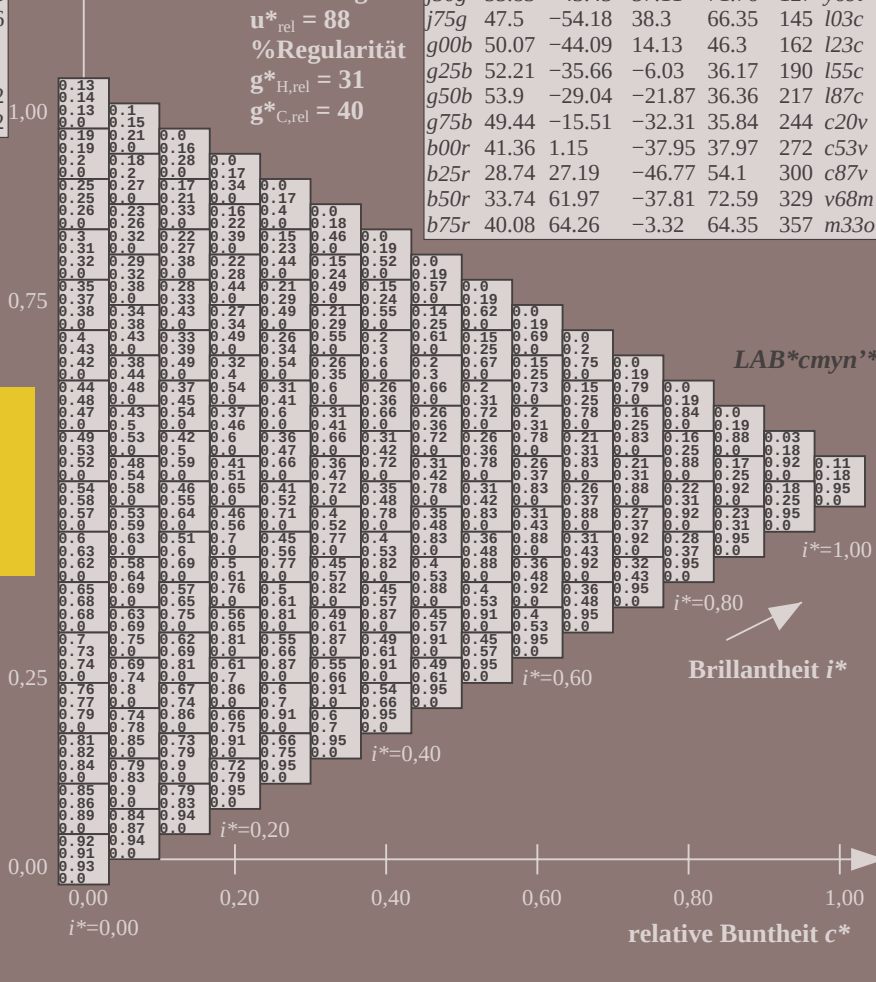
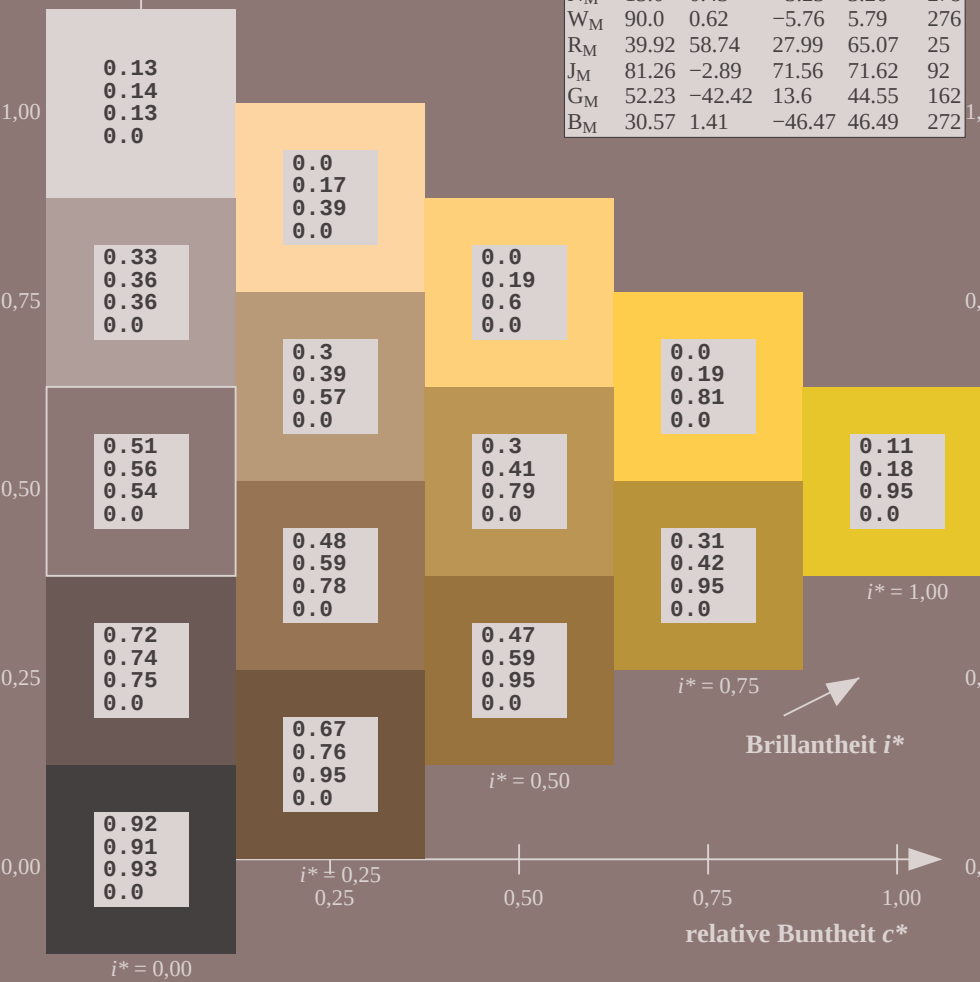
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11/10L/L11G00FP.PS/.PDF](http://www.ps.bam.de/Eg11/10L/L11G00FP.PS/.PDF)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpx=0

Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.305$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

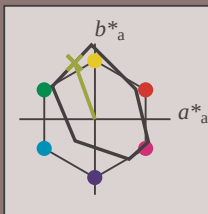
Bunttontexte:

$u^*_e = j25g$   $u^*_d = y34l$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 67 -27 75

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 67 79 109

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.75 1.0 0.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.66 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

$u^*_e = j25g$   
 $\text{LAB}^*\text{cmy}^*_{\text{Ma}}$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$\text{LAB}^*\text{cmy}^*_{\text{Ma}}$

$i^* = 1.00$

Brillanz  $i^*$

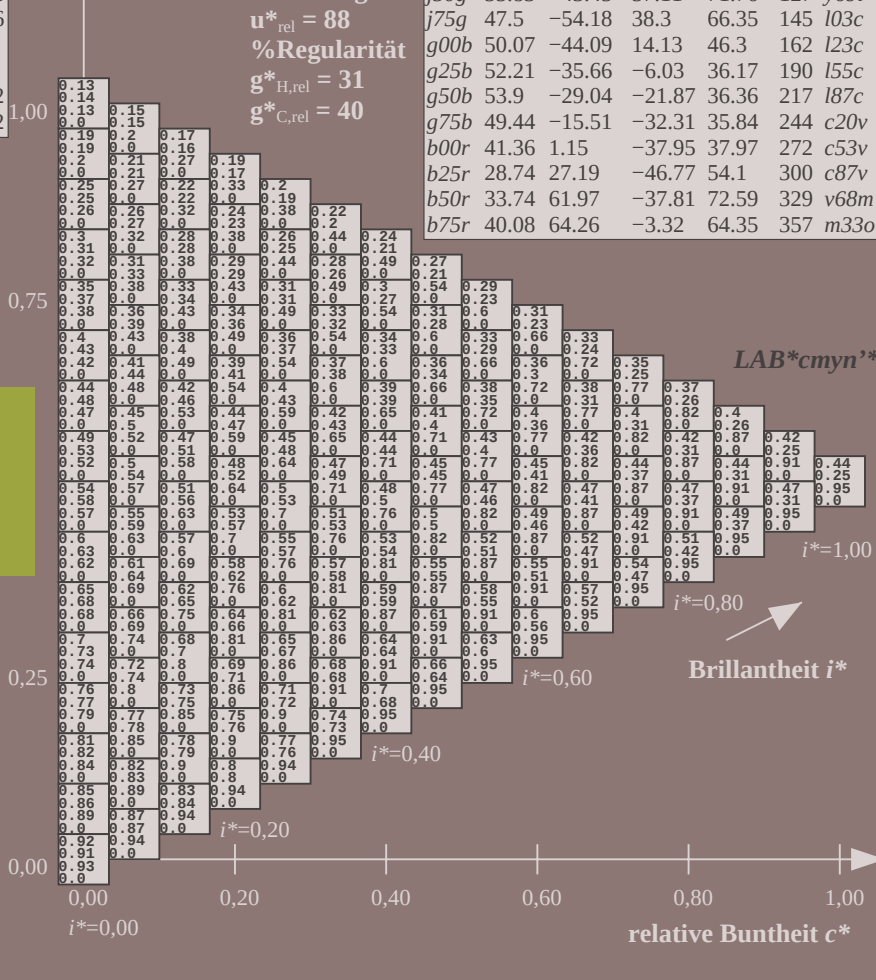
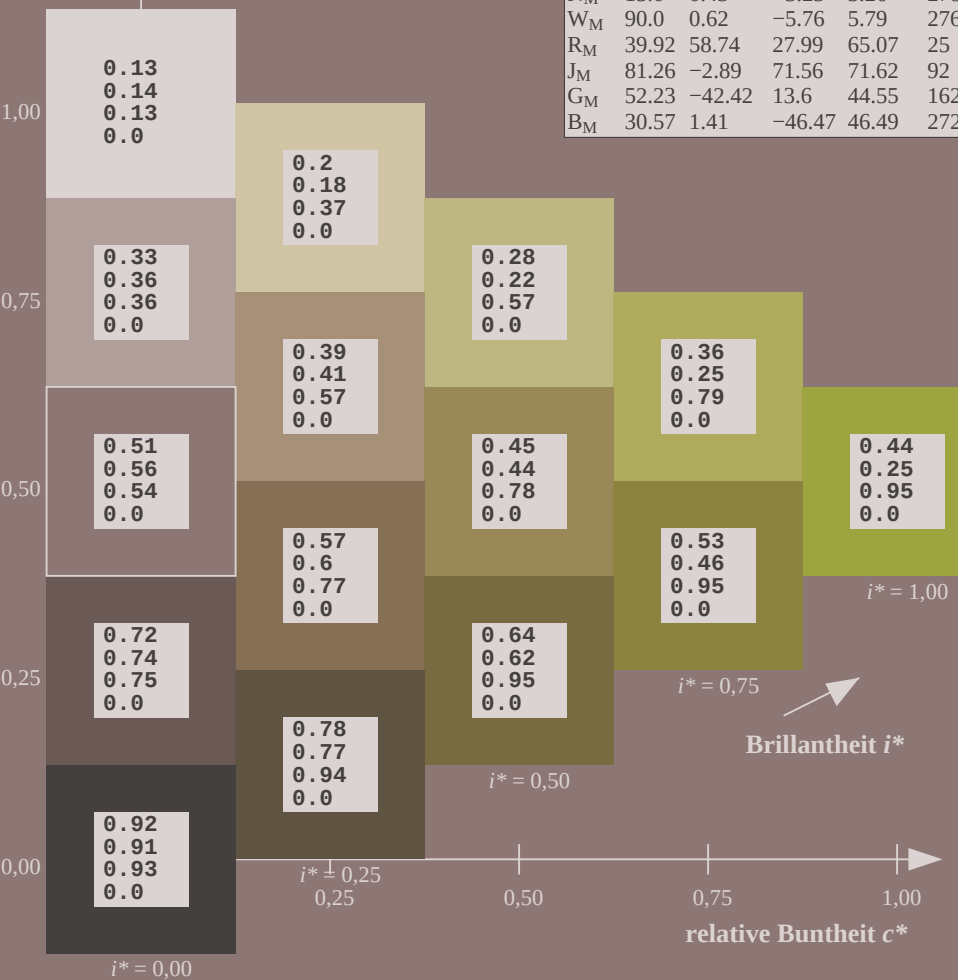
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$





### Daten für jede Farbe:

*lab\*tch\** und *lab\*icu\**

### Bunttexte:

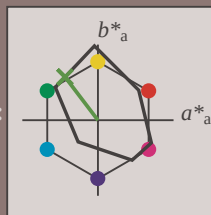
$$u^*_e = j50q \quad u^*_d = y69l$$

**Kontrastreduzierungsfaktor:**

 $c_D = 0.9$ 

### Dreiecks-Helligkeit $t^*$

► **Directs** **highlight** **the**



| FRS15_90a; CIELAB-Daten |         |           |        |       |            |            |
|-------------------------|---------|-----------|--------|-------|------------|------------|
|                         | $u^*_e$ | $L^*=L^*$ | $a^*$  | $b^*$ | $C^*_{ab}$ | $h^*_{ab}$ |
| O <sub>M</sub>          | 38.8    | 54.41     | 35.65  | 65.05 | 33         |            |
| Y <sub>M</sub>          | 82.58   | -4.04     | 92.72  | 92.8  | 92         |            |
| L <sub>M</sub>          | 46.95   | -55.83    | 39.15  | 68.19 | 143        |            |
| C <sub>M</sub>          | 54.62   | -25.67    | -33.25 | 42.01 | 233        |            |
| V <sub>M</sub>          | 20.01   | 45.64     | -56.27 | 72.45 | 309        |            |
| M <sub>M</sub>          | 40.88   | 71.17     | -34.09 | 78.92 | 334        |            |
| N <sub>M</sub>          | 15.0    | 0.43      | -3.23  | 3.26  | 278        |            |
| W <sub>M</sub>          | 90.0    | 0.62      | -5.76  | 5.79  | 270        |            |
| R <sub>M</sub>          | 39.92   | 58.74     | 27.99  | 65.07 | 25         |            |
| J <sub>M</sub>          | 81.26   | -2.89     | 71.56  | 71.62 | 92         |            |
| G <sub>M</sub>          | 52.23   | -42.42    | 13.6   | 44.55 | 162        |            |
| B <sub>M</sub>          | 30.57   | 1.41      | -46.47 | 46.49 | 273        |            |

### Daten für Maximalfarbe (Ma):

LAB\*LAB\* $M_0$ : 56 -43 57

LAB\*LGII\* 56 73 125

**LAB\*LCH\*Ma: 56 72 1**

*lab\*rgb*<sub>Ma</sub>: 0.5 1.0 0.0

*lab\*olv\**Ma: 0.3 1.0 0.0

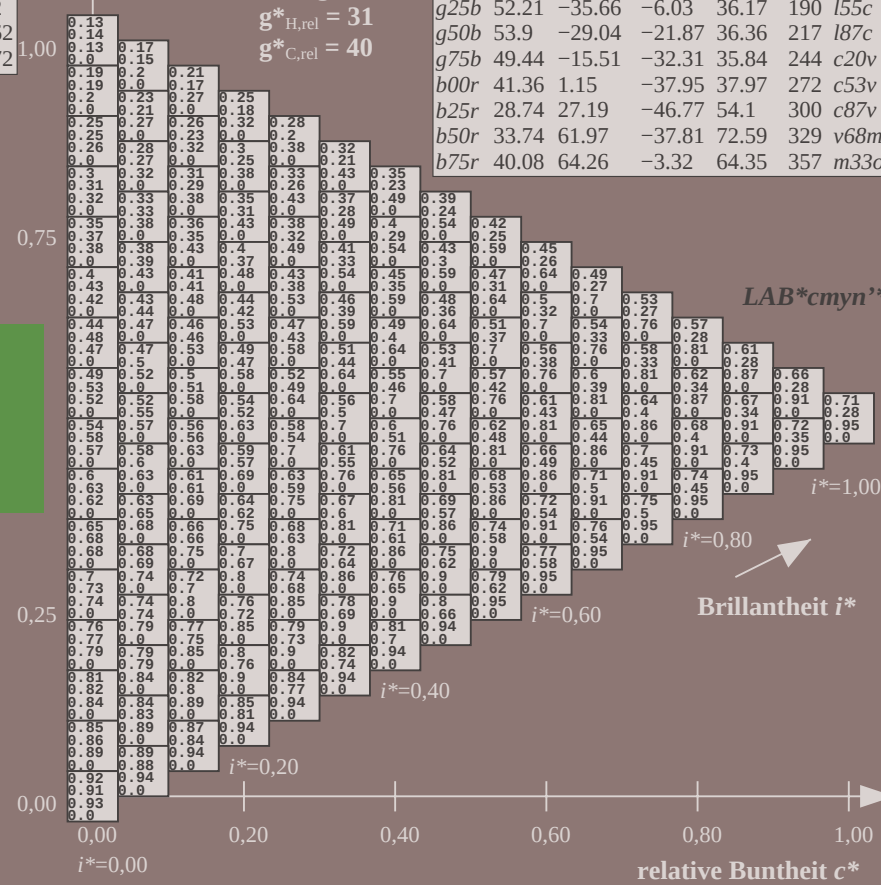
### Dreiecks-Helligkeit $t^*$

**Dickens Remington**

## %Umfang

$$u_{rel}^* = 88$$

**%Regular**

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$


*LAB\*cmyn'*

Brillantheit i\*

relative Buntheit  $c^*$ 

BAM-Prüfvorlage Eg11; Farbmimetrik-Systeme, Seite 260/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmY0\* setcmyk

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg1/>; [www.ps.bam.de/Eg.HTM](http://www.ps.bam.de/Eg.HTM)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB, Colspx=C](http://www.ps.bam.de/Version%202.1,%20io=1,1,CIELAB,Colspx=C)

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/.PDF BAM-Material: Code=rha4ta  
+ Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11/10L/L11G00FP.PS/.PDF](http://www.ps.bam.de/Eg11/10L/L11G00FP.PS/.PDF)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.402$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

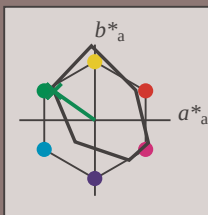
Bunttontexte:

$u^*_e = j75g$   $u^*_d = i03c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 48 -54 38

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 48 66 144

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.25 1.0 0.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.0 1.0 0.03

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | i03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | i23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | i55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | i87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$\text{LAB}^*\text{cmy}^*_{\text{rel}}$

$i^* = 1.00$

Brillanzheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11/10L/L11G00FP.PS/](http://www.ps.bam.de/Eg11/10L/L11G00FP.PS/) .PDF  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.451$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

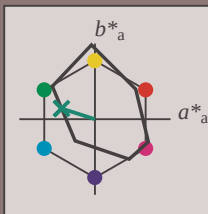
Bunttontexte:

$u^*_e = g00b$   $u^*_d = l23c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 50 -44 14

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 50 46 162

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.0 1.0 0.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.0 1.0 0.23

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$\text{LAB}^*\text{cmy}^*\text{n}^*_{\text{rel}}$

$i^* = 1.00$

$i^* = 0.80$

Brillantheit  $i^*$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.527$

Daten für jede Farbe:

$lab^*tch^*$  und  $lab^*icu^*$

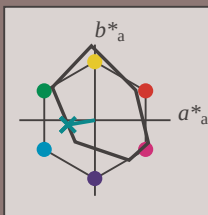
Bunttontexte:

$u^*_e = g25b$   $u^*_d = l55c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; CIELAB-Daten |           |        |        |            |            |  |
|-------------------------|-----------|--------|--------|------------|------------|--|
| $u^*_e$                 | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |  |
| O <sub>M</sub>          | 38.8      | 54.41  | 35.65  | 65.05      | 33         |  |
| Y <sub>M</sub>          | 82.58     | -4.04  | 92.72  | 92.8       | 92         |  |
| L <sub>M</sub>          | 46.95     | -55.83 | 39.15  | 68.19      | 145        |  |
| C <sub>M</sub>          | 54.62     | -25.67 | -33.25 | 42.01      | 232        |  |
| V <sub>M</sub>          | 20.01     | 45.64  | -56.27 | 72.45      | 309        |  |
| M <sub>M</sub>          | 40.88     | 71.17  | -34.09 | 78.92      | 334        |  |
| N <sub>M</sub>          | 15.0      | 0.43   | -3.23  | 3.26       | 278        |  |
| W <sub>M</sub>          | 90.0      | 0.62   | -5.76  | 5.79       | 276        |  |
| R <sub>M</sub>          | 39.92     | 58.74  | 27.99  | 65.07      | 25         |  |
| J <sub>M</sub>          | 81.26     | -2.89  | 71.56  | 71.62      | 92         |  |
| G <sub>M</sub>          | 52.23     | -42.42 | 13.6   | 44.55      | 162        |  |
| B <sub>M</sub>          | 30.57     | 1.41   | -46.47 | 46.49      | 272        |  |

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 52 -36 -6

$LAB^*LCH^*Ma$ : 52 36 189

$lab^*rgb^*Ma$ : 0.0 1.0 0.5

$lab^*olv^*Ma$ : 0.0 1.0 0.55

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 88$

%Regularität

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$LAB^*cmy^n^*$

$i^*=1.00$

$i^*=0.80$

Brillantheit  $i^*$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$



Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.603$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

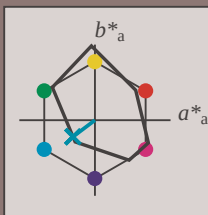
Bunttontexte:

$u^*_e = g50b$   $u^*_d = l87c$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 54 -29 -22

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 54 36 216

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.0 1.0 1.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.0 1.0 0.88

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

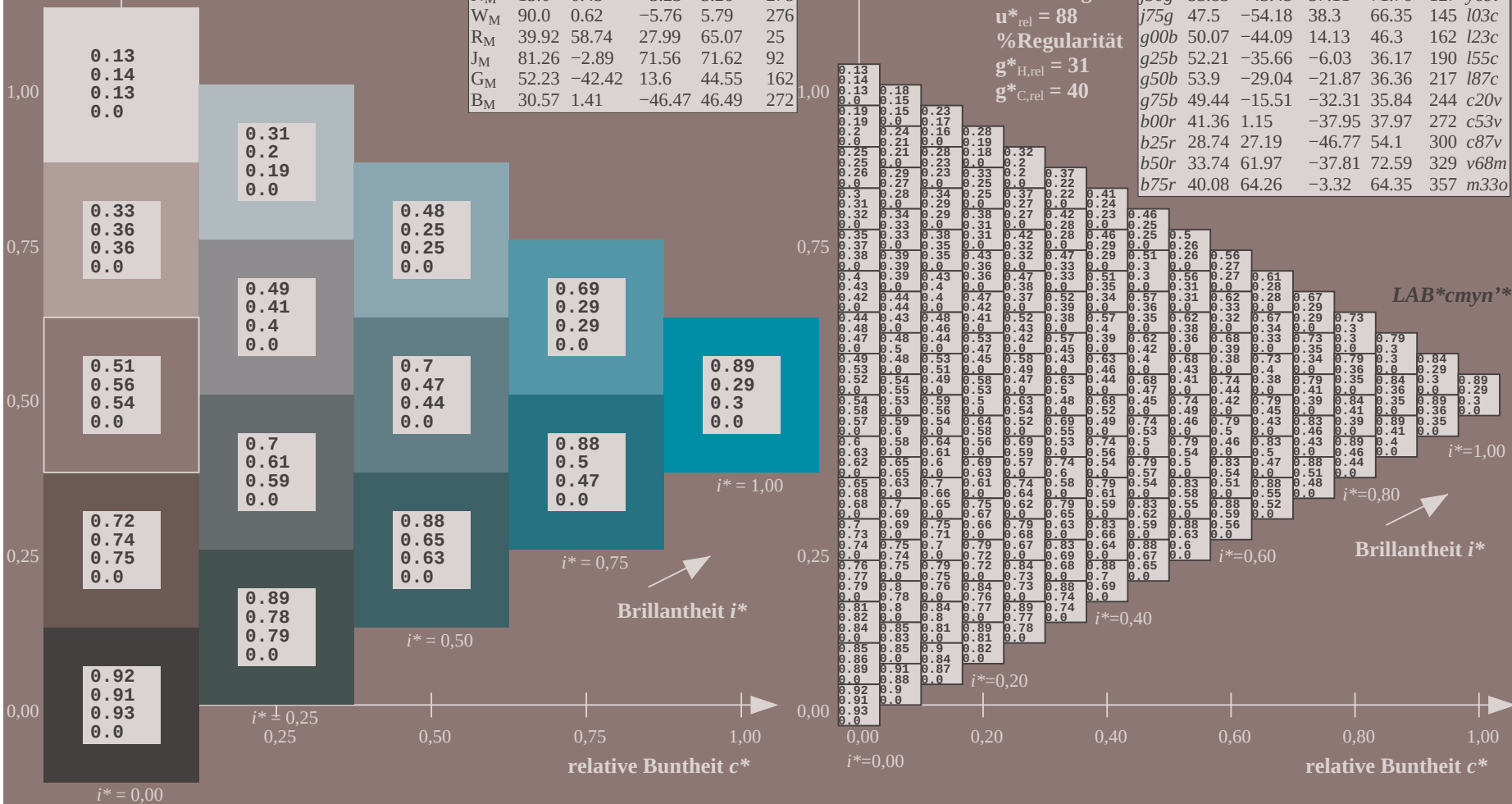
$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

$u^*_e = g50b$   
 $\text{LAB}^*\text{cmy}^*_{\text{Ma}}$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |







Ein und Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.755$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

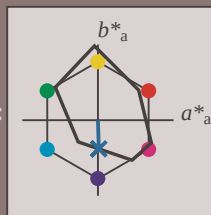
Bunttontexte:

$u^*_e = b00r$   $u^*_d = c53v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; CIELAB-Daten |           |        |        |            |            |  |
|-------------------------|-----------|--------|--------|------------|------------|--|
| $u^*_e$                 | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |  |
| O <sub>M</sub>          | 38.8      | 54.41  | 35.65  | 65.05      | 33         |  |
| Y <sub>M</sub>          | 82.58     | -4.04  | 92.72  | 92.8       | 92         |  |
| L <sub>M</sub>          | 46.95     | -55.83 | 39.15  | 68.19      | 145        |  |
| C <sub>M</sub>          | 54.62     | -25.67 | -33.25 | 42.01      | 232        |  |
| V <sub>M</sub>          | 20.01     | 45.64  | -56.27 | 72.45      | 309        |  |
| M <sub>M</sub>          | 40.88     | 71.17  | -34.09 | 78.92      | 334        |  |
| N <sub>M</sub>          | 15.0      | 0.43   | -3.23  | 3.26       | 278        |  |
| W <sub>M</sub>          | 90.0      | 0.62   | -5.76  | 5.79       | 276        |  |
| R <sub>M</sub>          | 39.92     | 58.74  | 27.99  | 65.07      | 25         |  |
| J <sub>M</sub>          | 81.26     | -2.89  | 71.56  | 71.62      | 92         |  |
| G <sub>M</sub>          | 52.23     | -42.42 | 13.6   | 44.55      | 162        |  |
| B <sub>M</sub>          | 30.57     | 1.41   | -46.47 | 46.49      | 272        |  |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*\text{Ma}$ : 41 1 -38

$\text{LAB}^*\text{LCH}^*\text{Ma}$ : 41 38 271

$\text{lab}^*\text{rgb}^*\text{Ma}$ : 0.0 0.0 1.0

$\text{lab}^*\text{olv}^*\text{Ma}$ : 0.0 0.47 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |

$\text{LAB}^*\text{cmy}^*\text{n}^*$

$i^*=1.00$

$i^*=0.80$

Brillantheit  $i^*$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.834$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

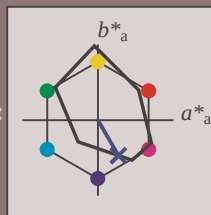
Bunttontexte:

$u^*_e = b25r$   $u^*_d = c87v$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; CIELAB-Daten |           |        |        |            |            |
|-------------------------|-----------|--------|--------|------------|------------|
| $u^*_e$                 | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
| O <sub>M</sub>          | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub>          | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub>          | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub>          | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub>          | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub>          | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub>          | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub>          | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub>          | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub>          | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub>          | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub>          | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 29 27 -47

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 29 54 300

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 0.5 0.0 1.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.0 0.12 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          |

$\text{LAB}^*\text{cmy}^*_{\text{rel}}$

$i^*=1.00$

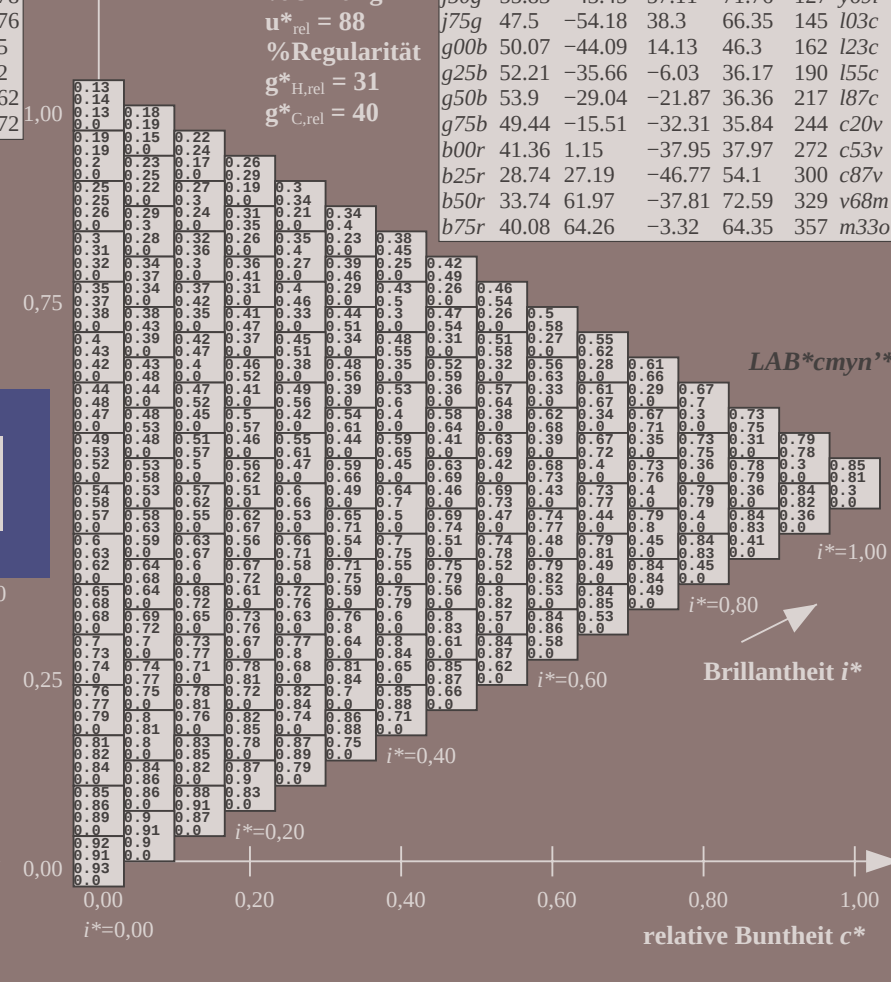
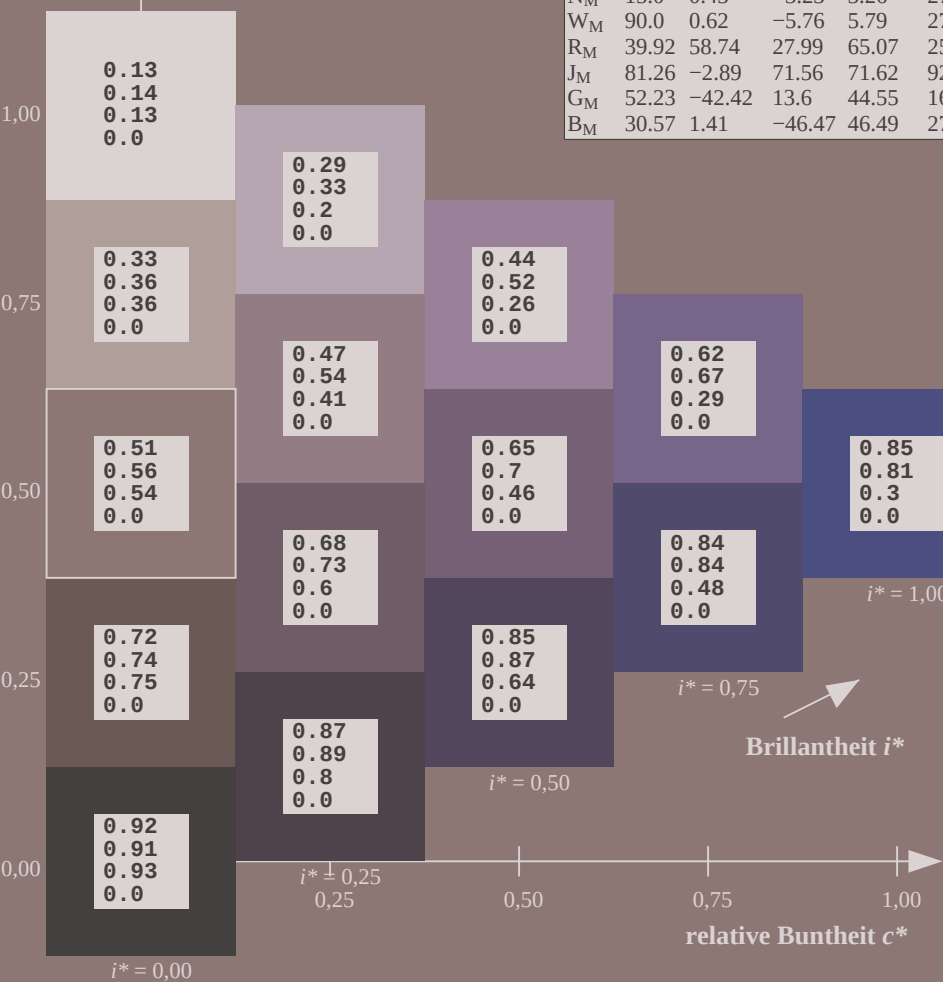
$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.913$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

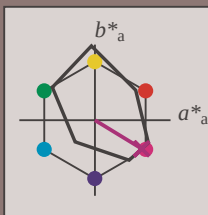
Bunttontexte:

$u^*_e = b50r$   $u^*_d = v68m$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



FRS15\_90a; CIELAB-Daten

| $u^*_e$        | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|----------------|-----------|--------|--------|------------|------------|
| O <sub>M</sub> | 38.8      | 54.41  | 35.65  | 65.05      | 33         |
| Y <sub>M</sub> | 82.58     | -4.04  | 92.72  | 92.8       | 92         |
| L <sub>M</sub> | 46.95     | -55.83 | 39.15  | 68.19      | 145        |
| C <sub>M</sub> | 54.62     | -25.67 | -33.25 | 42.01      | 232        |
| V <sub>M</sub> | 20.01     | 45.64  | -56.27 | 72.45      | 309        |
| M <sub>M</sub> | 40.88     | 71.17  | -34.09 | 78.92      | 334        |
| N <sub>M</sub> | 15.0      | 0.43   | -3.23  | 3.26       | 278        |
| W <sub>M</sub> | 90.0      | 0.62   | -5.76  | 5.79       | 276        |
| R <sub>M</sub> | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| J <sub>M</sub> | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| G <sub>M</sub> | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| B <sub>M</sub> | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$ : 34 62 -38

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 34 73 328

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$ : 1.0 0.0 1.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

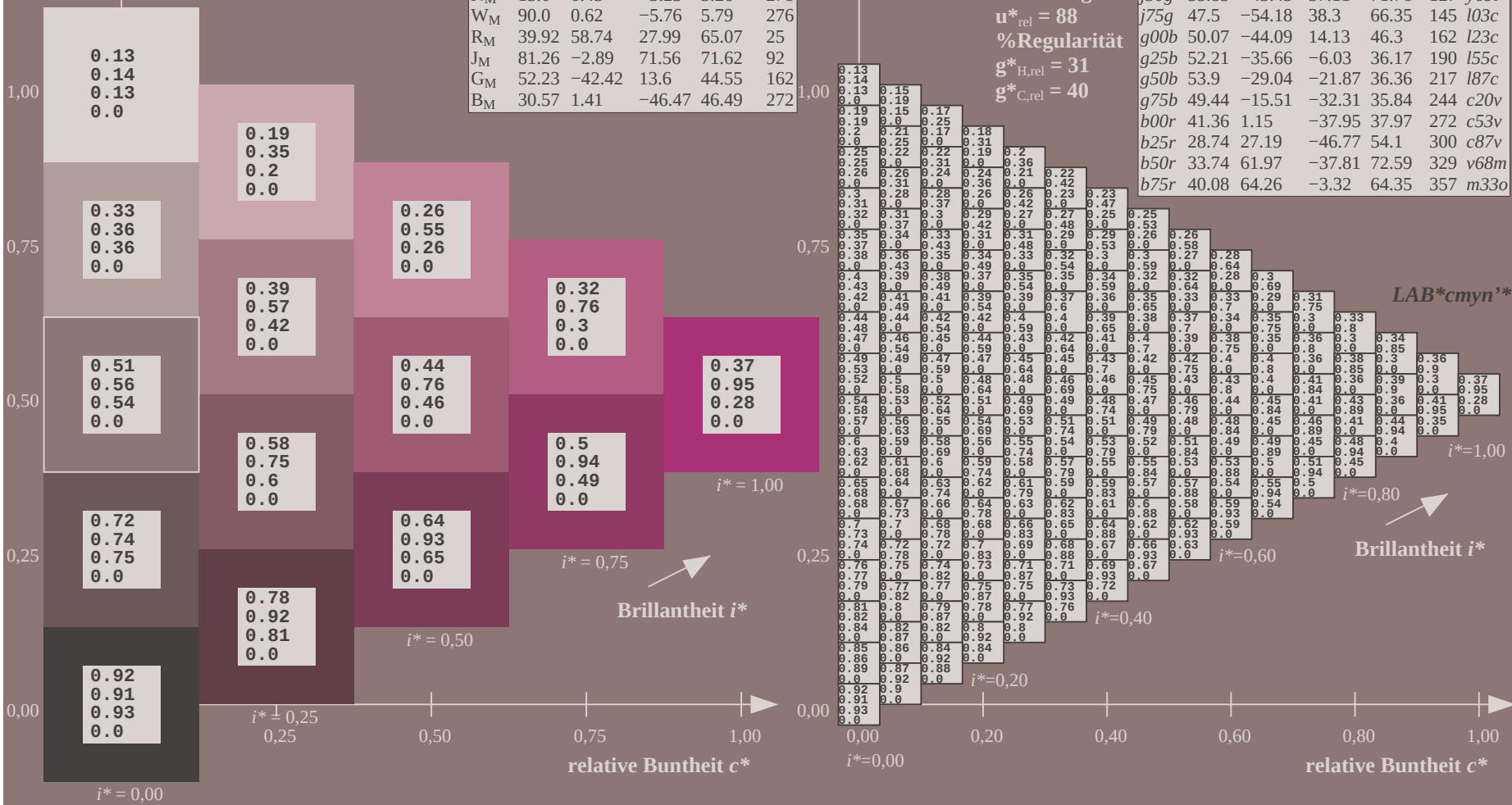
$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

$u^*_e = b50r$   
 $\text{LAB}^*\text{cmy}^*_{\text{Ma}}$

FRS15\_90a; adaptierte CIELAB-Daten

| $u^*_e$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| r00j    | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |
| r25j    | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |
| r50j    | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |
| r75j    | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |
| j00g    | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |
| j25g    | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |
| j50g    | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |
| j75g    | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |
| g00b    | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |
| g25b    | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |
| g50b    | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |
| g75b    | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |
| b00r    | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |
| b25r    | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |
| b50r    | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |
| b75r    | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |



Siehe ähnliche Dateien: <http://www.ps.bam.de/Eg11/>; [www.ps.bam.de/Eg11/](http://www.ps.bam.de/Eg11/)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSp=0

BAM-Registrierung: 20081001-Eg11/10L/L11G00FP.PS/ .PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen

Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS15\_90a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.992$

Daten für jede Farbe:

$\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$

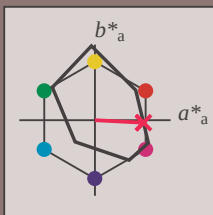
Bunttontexte:

$u^*_e = b75r$   $u^*_d = m33o$

Kontrastreduzierungsfaktor:

$c_R = 0.9$

Dreiecks-Helligkeit  $t^*$



| FRS15_90a; CIELAB-Daten |             |        |        |            |            |  |
|-------------------------|-------------|--------|--------|------------|------------|--|
| $u^*_e$                 | $L^*=L^*_a$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |  |
| O <sub>M</sub>          | 38.8        | 54.41  | 35.65  | 65.05      | 33         |  |
| Y <sub>M</sub>          | 82.58       | -4.04  | 92.72  | 92.8       | 92         |  |
| L <sub>M</sub>          | 46.95       | -55.83 | 39.15  | 68.19      | 145        |  |
| C <sub>M</sub>          | 54.62       | -25.67 | -33.25 | 42.01      | 232        |  |
| V <sub>M</sub>          | 20.01       | 45.64  | -56.27 | 72.45      | 309        |  |
| M <sub>M</sub>          | 40.88       | 71.17  | -34.09 | 78.92      | 334        |  |
| N <sub>M</sub>          | 15.0        | 0.43   | -3.23  | 3.26       | 278        |  |
| W <sub>M</sub>          | 90.0        | 0.62   | -5.76  | 5.79       | 276        |  |
| R <sub>M</sub>          | 39.92       | 58.74  | 27.99  | 65.07      | 25         |  |
| J <sub>M</sub>          | 81.26       | -2.89  | 71.56  | 71.62      | 92         |  |
| G <sub>M</sub>          | 52.23       | -42.42 | 13.6   | 44.55      | 162        |  |
| B <sub>M</sub>          | 30.57       | 1.41   | -46.47 | 46.49      | 272        |  |

Daten für Maximalfarbe (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}: 40 \ 64 \ -3$

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}: 40 \ 64 \ 357$

$\text{lab}^*\text{rgb}^*_{\text{Ma}}: 1.0 \ 0.0 \ 0.5$

$\text{lab}^*\text{olv}^*_{\text{Ma}}: 1.0 \ 0.0 \ 0.66$

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{\text{rel}} = 88$

%Regularität

$g^*_{H,\text{rel}} = 31$

$g^*_{C,\text{rel}} = 40$

| FRS15_90a; adaptierte CIELAB-Daten |             |         |         |              |              |         |  |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|--|
| $u^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_d$ |  |
| r00j                               | 39.18       | 56.94   | 27.13   | 63.07        | 25           | m81o    |  |
| r25j                               | 42.41       | 49.1    | 44.5    | 66.26        | 42           | o10y    |  |
| r50j                               | 52.78       | 35.22   | 58.37   | 68.17        | 59           | o40y    |  |
| r75j                               | 64.82       | 19.12   | 74.47   | 76.89        | 76           | o69y    |  |
| j00g                               | 82.06       | -3.94   | 97.52   | 97.6         | 92           | o98y    |  |
| j25g                               | 67.26       | -26.87  | 74.67   | 79.36        | 110          | y34l    |  |
| j50g                               | 55.83       | -43.45  | 57.11   | 71.76        | 127          | y69l    |  |
| j75g                               | 47.5        | -54.18  | 38.3    | 66.35        | 145          | l03c    |  |
| g00b                               | 50.07       | -44.09  | 14.13   | 46.3         | 162          | l23c    |  |
| g25b                               | 52.21       | -35.66  | -6.03   | 36.17        | 190          | l55c    |  |
| g50b                               | 53.9        | -29.04  | -21.87  | 36.36        | 217          | l87c    |  |
| g75b                               | 49.44       | -15.51  | -32.31  | 35.84        | 244          | c20v    |  |
| b00r                               | 41.36       | 1.15    | -37.95  | 37.97        | 272          | c53v    |  |
| b25r                               | 28.74       | 27.19   | -46.77  | 54.1         | 300          | c87v    |  |
| b50r                               | 33.74       | 61.97   | -37.81  | 72.59        | 329          | v68m    |  |
| b75r                               | 40.08       | 64.26   | -3.32   | 64.35        | 357          | m33o    |  |

$\text{LAB}^*\text{cmy}^*_{\text{rel}}$

$i^*=1.00$

Brillanz  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



BAM-Prüfvorlage Eg11; Farbmimetrik-Systeme, Seite 270/270    Eingabe: 000n / w / nnn0 / www set...  
3 Separationen, 9 Datentabellen für 16 Bunttöne r00j bis b75r    Ausgabe: ->LAB\*->cmy0\* setcmyk