

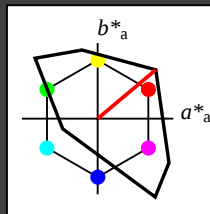
### Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 40/360 = 0.111$

$lab^*tch$  und  $lab^*nch$

D65: Buntton O  
LCH\*Ma: 51 100 40  
olv\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



| TLS00; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                | 50.5        | 76.92   | 64.55   | 100.42       | 40           |
| Y <sub>Ma</sub>                | 92.66       | -20.69  | 90.75   | 93.08        | 103          |
| L <sub>Ma</sub>                | 83.63       | -82.75  | 79.9    | 115.04       | 136          |
| C <sub>Ma</sub>                | 86.88       | -46.16  | -13.55  | 48.12        | 196          |
| V <sub>Ma</sub>                | 30.39       | 76.06   | -103.59 | 128.52       | 306          |
| M <sub>Ma</sub>                | 57.3        | 94.35   | -58.41  | 110.97       | 328          |
| N <sub>Ma</sub>                | 0.01        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                | 95.41       | 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       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>               | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>               | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

Schwarzheit  $n^*$

relative Buntheit  $c^*$

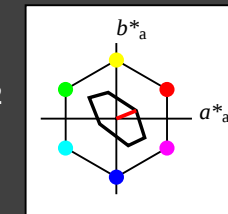
### Ausgabe: Farbmatisches Fernseh-Licht-System TLS70

für Buntton  $h^* = lab^*h = 22/360 = 0.061$

$lab^*tch$  und  $lab^*nch$

D65: Buntton O  
LCH\*Ma: 76 28 22  
olv\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



| TLS70; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                | 76.43       | 26.27   | 10.57   | 28.32        | 22           |
| Y <sub>Ma</sub>                | 93.93       | -10.76  | 34.63   | 36.27        | 107          |
| L <sub>Ma</sub>                | 89.32       | -35.8   | 27.64   | 45.24        | 142          |
| C <sub>Ma</sub>                | 90.93       | -21.95  | -7.07   | 23.07        | 198          |
| V <sub>Ma</sub>                | 72.1        | 15.76   | -35.63  | 38.97        | 294          |
| M <sub>Ma</sub>                | 78.5        | 37.52   | -25.23  | 45.22        | 326          |
| N <sub>Ma</sub>                | 69.7        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                | 95.41       | 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       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>               | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>               | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

Schwarzheit  $n^*$

relative Buntheit  $c^*$

NG430-7, 5 stufige Reihen für konstanten CIELAB Buntton 40/360 = 0.111 (links)

5 stufige Reihen für konstanten CIELAB Buntton 22/360 = 0.061 (rechts)

BAM-Prüfvorlage NG43; Farbmatrik-Systeme TLS00 & TLS70 input:  $olv^*setrgbcolor$

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output:  $olv^*setrgbcolor / w^*setgray$

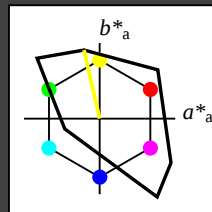
## Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 103/360 = 0.286$   
 $lab^*tch$  und  $lab^*nch$

D65: Buntton Y  
LCH\*Ma: 93 93 103  
olv\*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit

1,00



%Umfang

$u^*_{rel} = 158$

| TLS00; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                | 50.5        | 76.92   | 64.55   | 100.42       | 40           |
| Y <sub>Ma</sub>                | 92.66       | -20.69  | 90.75   | 93.08        | 103          |
| L <sub>Ma</sub>                | 83.63       | -82.75  | 79.9    | 115.04       | 136          |
| C <sub>Ma</sub>                | 86.88       | -46.16  | -13.55  | 48.12        | 196          |
| V <sub>Ma</sub>                | 30.39       | 76.06   | -103.59 | 128.52       | 306          |
| M <sub>Ma</sub>                | 57.3        | 94.35   | -58.41  | 110.97       | 328          |
| N <sub>Ma</sub>                | 0.01        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                | 95.41       | 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       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>               | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>               | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

| relative Inform. Technology (IT) |     |     |     |       |  |
|----------------------------------|-----|-----|-----|-------|--|
| olvi3*                           | 1.0 | 1.0 | 1.0 | (1.0) |  |
| olvi4*                           | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi5*                           | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi6*                           | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi7*                           | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi8*                           | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi9*                           | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi10*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi11*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi12*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi13*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi14*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi15*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi16*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi17*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi18*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi19*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi20*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi21*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi22*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi23*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi24*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi25*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi26*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi27*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi28*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi29*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi30*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi31*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi32*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi33*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi34*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi35*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi36*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi37*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi38*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi39*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi40*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi41*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi42*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi43*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi44*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi45*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi46*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi47*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi48*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi49*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi50*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi51*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi52*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi53*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi54*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi55*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi56*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi57*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi58*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi59*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi60*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi61*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi62*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi63*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi64*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi65*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi66*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi67*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi68*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi69*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi70*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi71*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi72*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi73*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi74*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi75*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi76*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi77*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi78*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi79*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi80*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi81*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi82*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi83*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi84*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi85*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi86*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi87*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi88*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi89*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi90*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi91*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi92*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi93*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi94*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi95*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi96*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi97*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi98*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi99*                          | 0.0 | 0.0 | 0.0 | (0.0) |  |
| olvi100*                         | 0.0 | 0.0 | 0.0 | (0.0) |  |

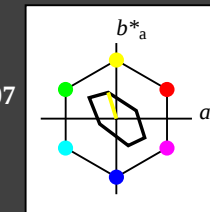
## Ausgabe: Farbmatisches Fernseh-Licht-System TLS70

für Buntton  $h^* = lab^*h = 107/360 = 0.298$   
 $lab^*tch$  und  $lab^*nch$

D65: Buntton Y  
LCH\*Ma: 94 36 107  
olv\*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit

1,00



%Umfang

$u^*_{rel} = 16$

| TLS70; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                | 76.43       | 26.27   | 10.57   | 28.32        | 22           |
| Y <sub>Ma</sub>                | 93.93       | -10.76  | 34.63   | 36.27        | 107          |
| L <sub>Ma</sub>                | 89.32       | -35.8   | 27.64   | 45.24        | 142          |
| C <sub>Ma</sub>                | 90.93       | -21.95  | -7.07   | 23.07        | 198          |
| V <sub>Ma</sub>                | 72.1        | 15.76   | -35.63  | 38.97        | 294          |
| M <sub>Ma</sub>                | 78.5        | 37.52   | -25.23  | 45.22        | 326          |
| N <sub>Ma</sub>                | 69.7        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                | 95.41       | 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       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>               | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>               | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

1,00

| relative Inform. Technology (IT) |       |     |     |       |
|----------------------------------|-------|-----|-----|-------|
| olvi3*                           | 1.0   | 1.0 | 1.0 | (1.0) |
| olvi3*                           | 0.0   | 0.0 | 0.0 | (0.0) |
| olvi4*                           | 1.0   | 0.0 | 1.0 | 1.0   |
| olvi4*                           | 0.0   | 0.0 | 0.0 | 0.0   |
| olvi5*                           | 1.0   | 0.0 | 1.0 | 1.0   |
| olvi5*                           | 0.0   | 0.0 | 0.0 | 0.0   |
| standard and adapted CIELAB      |       |     |     |       |
| LAB*LAB                          | 95.41 | 0.0 | 0.0 |       |
| LAB*LABa                         | 95.41 | 0.0 | 0.0 |       |
| LAB*LABb                         | 95.41 | 0.0 | 0.0 |       |
| LAB*LABc                         | 99.99 | 0.0 | -   |       |
| relative CIELAB lab*             |       |     |     |       |
| lab*lab                          | 1.0   | 0.0 | 0.0 |       |
| lab*tch                          | 1.0   | 0.0 | -   |       |
| lab*nch                          | 0.0   | 0.0 | -   |       |
| relative Natural Colour (NC)     |       |     |     |       |
| lab*lab                          | 1.0   | 0.0 | 0.0 |       |
| lab*tch                          | 1.0   | 0.0 | -   |       |
| lab*nch                          | 0.0   | 0.0 | -   |       |

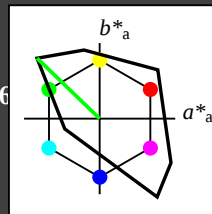
Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 136/360 = 0.378$

$lab^*tch$  und  $lab^*nch$

D65: Buntton L  
LCH\*Ma: 84 115 136  
olv\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



| TLS00; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                | 50.5        | 76.92   | 64.55   | 100.42       | 40           |
| Y <sub>Ma</sub>                | 92.66       | -20.69  | 90.75   | 93.08        | 103          |
| L <sub>Ma</sub>                | 83.63       | -82.75  | 79.9    | 115.04       | 136          |
| C <sub>Ma</sub>                | 86.88       | -46.16  | -13.55  | 48.12        | 196          |
| V <sub>Ma</sub>                | 30.39       | 76.06   | -103.59 | 128.52       | 306          |
| M <sub>Ma</sub>                | 57.3        | 94.35   | -58.41  | 110.97       | 328          |
| N <sub>Ma</sub>                | 0.01        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                | 95.41       | 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       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>               | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>               | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit  $c^*$

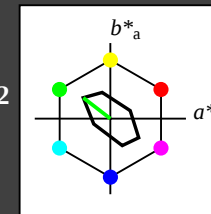
Ausgabe: Farbmatisches Fernseh-Licht-System TLS70

für Buntton  $h^* = lab^*h = 142/360 = 0.395$

$lab^*tch$  und  $lab^*nch$

D65: Buntton L  
LCH\*Ma: 89 45 142  
olv\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



| TLS70; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                | 76.43       | 26.27   | 10.57   | 28.32        | 22           |
| Y <sub>Ma</sub>                | 93.93       | -10.76  | 34.63   | 36.27        | 107          |
| L <sub>Ma</sub>                | 89.32       | -35.8   | 27.64   | 45.24        | 142          |
| C <sub>Ma</sub>                | 90.93       | -21.95  | -7.07   | 23.07        | 198          |
| V <sub>Ma</sub>                | 72.1        | 15.76   | -35.63  | 38.97        | 294          |
| M <sub>Ma</sub>                | 78.5        | 37.52   | -25.23  | 45.22        | 326          |
| N <sub>Ma</sub>                | 69.7        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                | 95.41       | 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       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>               | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>               | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit  $c^*$

NG430-7, 5 stufige Reihen für konstanten CIELAB Buntton 136/360 = 0.378 (links)

5 stufige Reihen für konstanten CIELAB Buntton 142/360 = 0.395 (rechts)

BAM-Prüfvorlage NG43; Farbmatrik-Systeme TLS00 & TLS70 input:  $olv^* setrgbcolor$

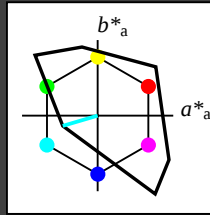
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output:  $olv^* setrgbcolor / w^* setgray$

### Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 196/360 = 0.545$   
 $lab^*tch$  und  $lab^*nch$

D65: Buntton C  
LCH\*Ma: 87 48 196  
olv\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



| TLS00; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                | 50.5        | 76.92   | 64.55   | 100.42       | 40           |
| Y <sub>Ma</sub>                | 92.66       | -20.69  | 90.75   | 93.08        | 103          |
| L <sub>Ma</sub>                | 83.63       | -82.75  | 79.9    | 115.04       | 136          |
| C <sub>Ma</sub>                | 86.88       | -46.16  | -13.55  | 48.12        | 196          |
| V <sub>Ma</sub>                | 30.39       | 76.06   | -103.59 | 128.52       | 306          |
| M <sub>Ma</sub>                | 57.3        | 94.35   | -58.41  | 110.97       | 328          |
| N <sub>Ma</sub>                | 0.01        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                | 95.41       | 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       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>               | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>               | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

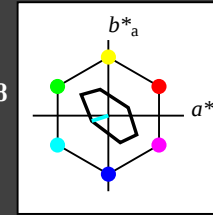
relative Buntheit  $c^*$

### Ausgabe: Farbmatisches Fernseh-Licht-System TLS70

für Buntton  $h^* = lab^*h = 198/360 = 0.55$   
 $lab^*tch$  und  $lab^*nch$

D65: Buntton C  
LCH\*Ma: 91 23 198  
olv\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



| TLS70; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                | 76.43       | 26.27   | 10.57   | 28.32        | 22           |
| Y <sub>Ma</sub>                | 93.93       | -10.76  | 34.63   | 36.27        | 107          |
| L <sub>Ma</sub>                | 89.32       | -35.8   | 27.64   | 45.24        | 142          |
| C <sub>Ma</sub>                | 90.93       | -21.95  | -7.07   | 23.07        | 198          |
| V <sub>Ma</sub>                | 72.1        | 15.76   | -35.63  | 38.97        | 294          |
| M <sub>Ma</sub>                | 78.5        | 37.52   | -25.23  | 45.22        | 326          |
| N <sub>Ma</sub>                | 69.7        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                | 95.41       | 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       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>               | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>               | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

1,00

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit  $c^*$

NG430-7, 5 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.545 (links)

5 stufige Reihen für konstanten CIELAB Buntton 198/360 = 0.55 (rechts)

BAM-Prüfvorlage NG43; Farbmatrik-Systeme TLS00 & TLS70 input:  $olv^* setrgbcolor$

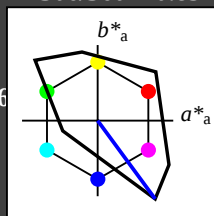
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output:  $olv^* setrgbcolor / w^* setgray$

### Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 306/360 = 0.851$   
 $lab^*tch$  und  $lab^*nch$

D65: Buntton V  
LCH\*Ma: 30 129 306  
olv\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



%Umfang

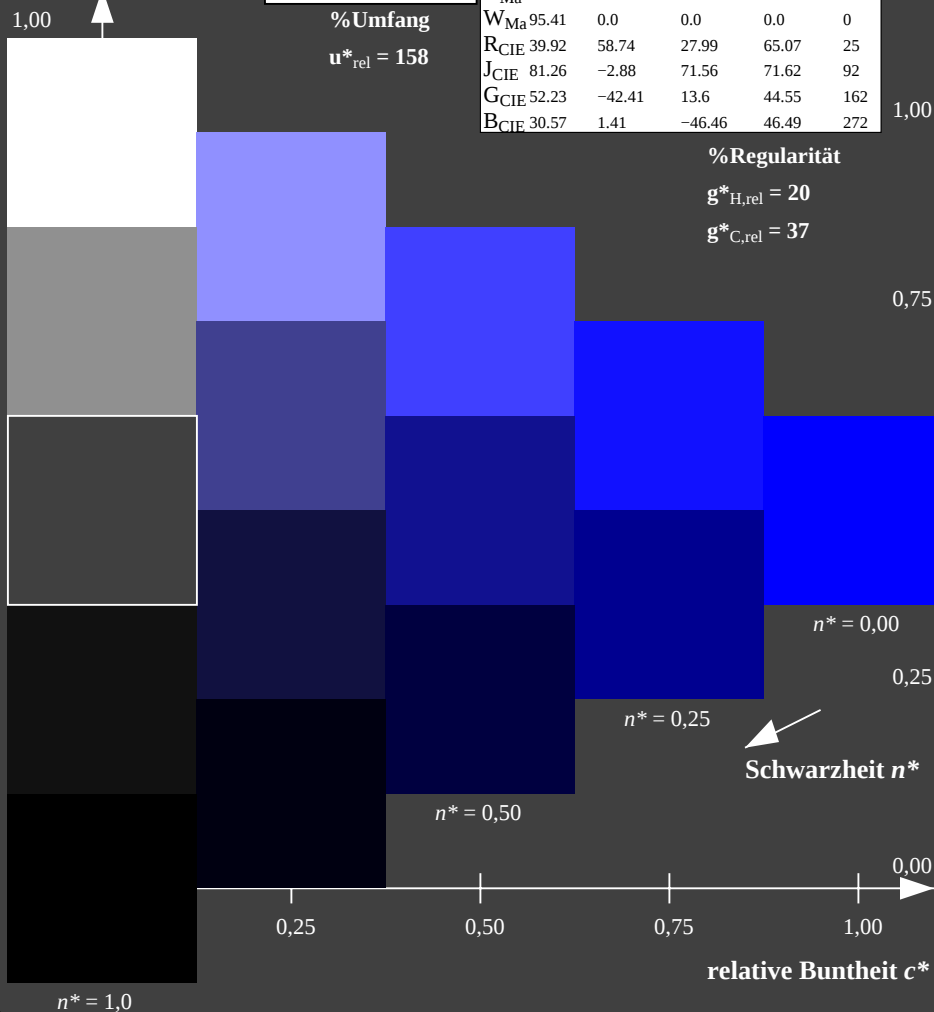
$u^*_{rel} = 158$

| TLS00; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                | 50.5        | 76.92   | 64.55   | 100.42       | 40           |
| Y <sub>Ma</sub>                | 92.66       | -20.69  | 90.75   | 93.08        | 103          |
| L <sub>Ma</sub>                | 83.63       | -82.75  | 79.9    | 115.04       | 136          |
| C <sub>Ma</sub>                | 86.88       | -46.16  | -13.55  | 48.12        | 196          |
| V <sub>Ma</sub>                | 30.39       | 76.06   | -103.59 | 128.52       | 306          |
| M <sub>Ma</sub>                | 57.3        | 94.35   | -58.41  | 110.97       | 328          |
| N <sub>Ma</sub>                | 0.01        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                | 95.41       | 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       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>               | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>               | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$



NG430-7, 5 stufige Reihen für konstanten CIELAB Buntton 306/360 = 0.851 (links)

BAM-Prüfvorlage NG43; Farbmatrik-Systeme TLS00 & TLS70 input:  $olv^* setrgbcolor$

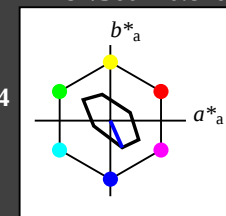
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output:  $olv^* setrgbcolor / w^* setgray$

### Ausgabe: Farbmatisches Fernseh-Licht-System TLS70

für Buntton  $h^* = lab^*h = 294/360 = 0.816$   
 $lab^*tch$  und  $lab^*nch$

D65: Buntton V  
LCH\*Ma: 72 39 294  
olv\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



%Umfang

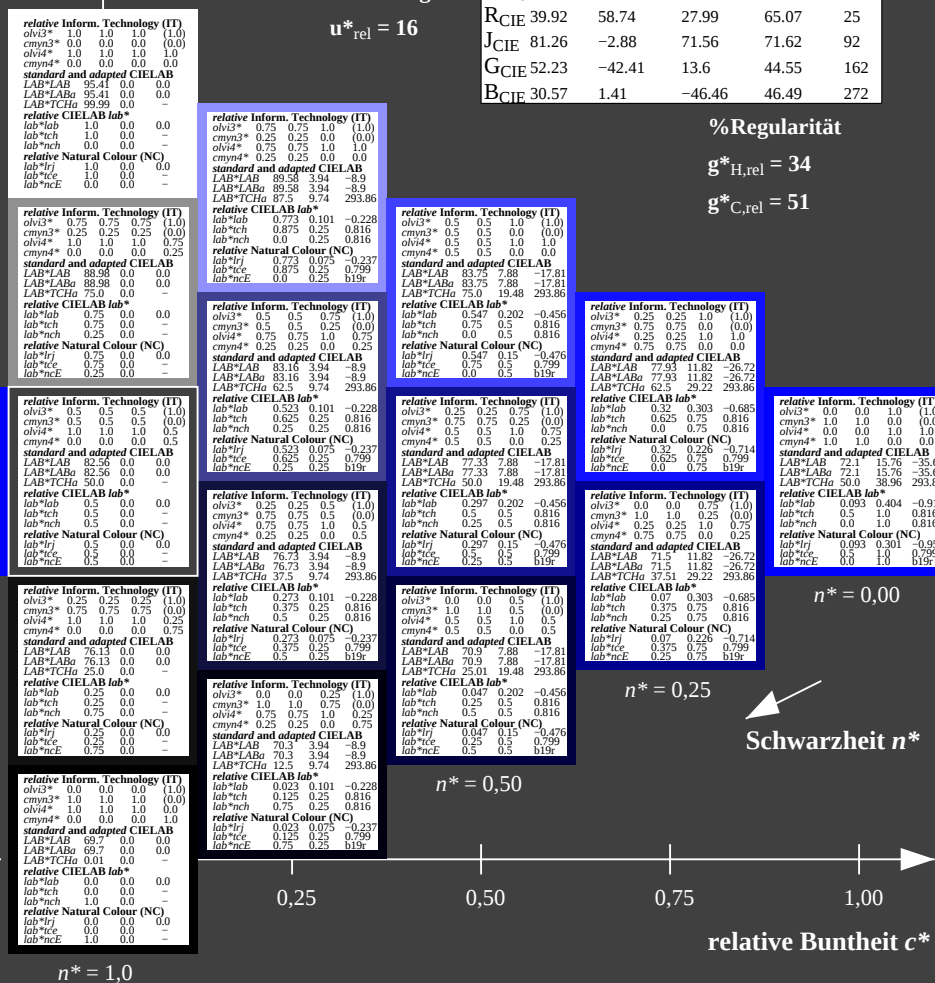
$u^*_{rel} = 16$

| TLS70; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                | 76.43       | 26.27   | 10.57   | 28.32        | 22           |
| Y <sub>Ma</sub>                | 93.93       | -10.76  | 34.63   | 36.27        | 107          |
| L <sub>Ma</sub>                | 89.32       | -35.8   | 27.64   | 45.24        | 142          |
| C <sub>Ma</sub>                | 90.93       | -21.95  | -7.07   | 23.07        | 198          |
| V <sub>Ma</sub>                | 72.1        | 15.76   | -35.63  | 38.97        | 294          |
| M <sub>Ma</sub>                | 78.5        | 37.52   | -25.23  | 45.22        | 326          |
| N <sub>Ma</sub>                | 69.7        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                | 95.41       | 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       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>               | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>               | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$



5 stufige Reihen für konstanten CIELAB Buntton 294/360 = 0.816 (rechts)

**Eingabe: Farbmétrisches Fernseh-Licht-System TLS00**

**für Buntton  $h^* = lab^*h = 328/360 = 0.912$**

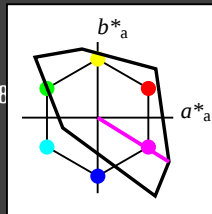
## lab\*tch und lab\*nch

D65: Buntton M

LCH\*Ma: 57 111 328

**olv\*Ma: 1.0 0.0 1.0**

## Dreiecks-Helligkeit

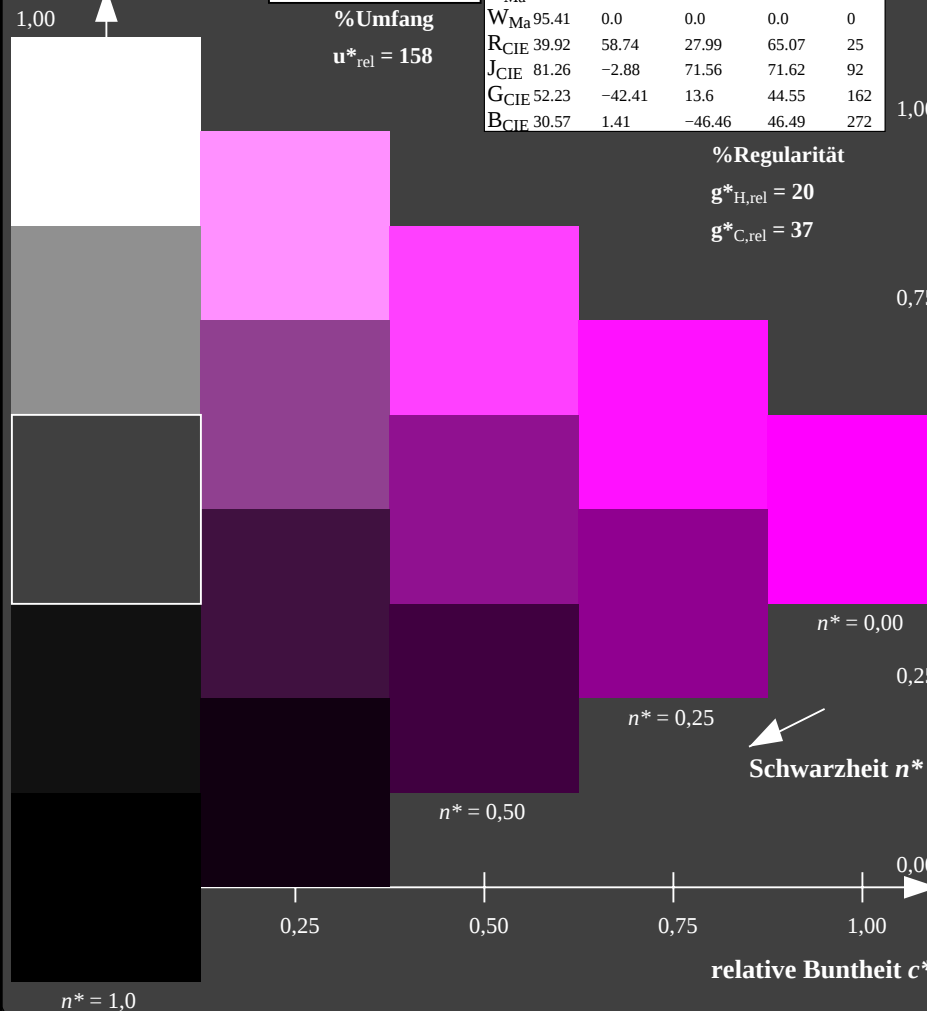


**%Umfang**

$$\mathbf{u}_{rel}^* = 158$$

| TLS00; adaptierte CIELAB-Daten |         |         |         |              |              |
|--------------------------------|---------|---------|---------|--------------|--------------|
|                                | $L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                | 50.5    | 76.92   | 64.55   | 100.42       | 40           |
| Y <sub>Ma</sub>                | 92.66   | -20.69  | 90.75   | 93.08        | 103          |
| L <sub>Ma</sub>                | 83.63   | -82.75  | 79.9    | 115.04       | 136          |
| C <sub>Ma</sub>                | 86.88   | -46.16  | -13.55  | 48.12        | 196          |
| V <sub>Ma</sub>                | 30.39   | 76.06   | -103.59 | 128.52       | 306          |
| M <sub>Ma</sub>                | 57.3    | 94.35   | -58.41  | 110.97       | 328          |
| N <sub>Ma</sub>                | 0.01    | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                | 95.41   | 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   | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>               | 52.23   | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>               | 30.57   | 1.41    | -46.46  | 46.49        | 272          |

### %Regularität

$$g^*_{H,rel} = 20$$
$$g^*_{C,rel} = 37$$


NG430-7, 5 stufige Reihen für konstanten CIELAB Buntton  $328/360 = 0.912$  (links)

BAM-Prüfvorlage NG43; Farbmeter-Systeme TLS00 & TLS70 input: *olv\* setrgbcolor*

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne    output: *olv\* setrgbcolor / w\* setgray*

**Ausgabe: Farbmetrisches Fernseh-Licht-System TLS70**

**für Buntton  $h^* = lab^*h = 326/360 = 0.906$**

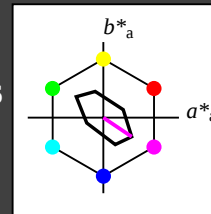
**lab\*tch und lab\*nch**

D65: Buntton M

**LCH\*Ma: 79 45 326**

**olv\*Ma: 1.0 0.0 1.0**

## Dreiecks-Helligkeit

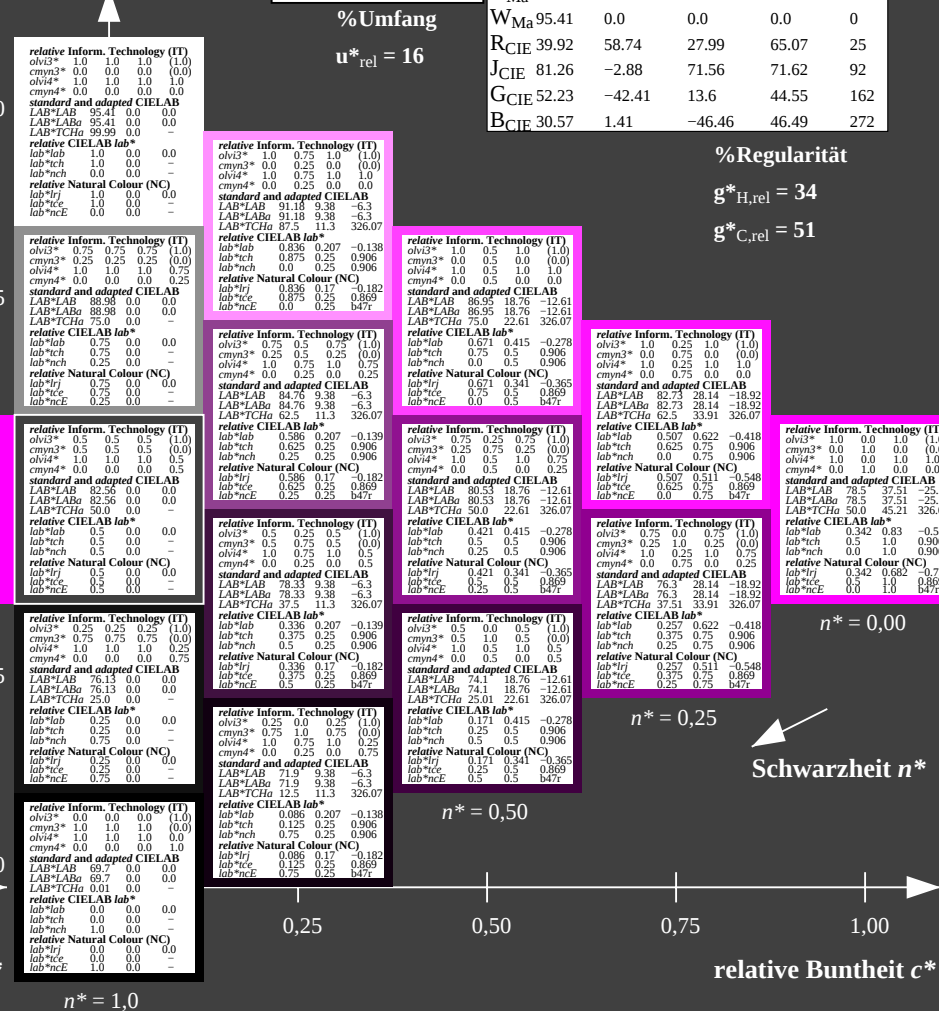


**%Umfang**

$$\mathbf{u}_{rel}^* = 16$$

| 6 | TLS70; adaptierte CIELAB-Daten |            |            |               |             |     |
|---|--------------------------------|------------|------------|---------------|-------------|-----|
|   | $L^*_{*a}$                     | $a^*_{*a}$ | $b^*_{*a}$ | $C^*_{*ab,a}$ | $h^*_{*ab}$ |     |
| a | O <sub>Ma</sub>                | 76.43      | 26.27      | 10.57         | 28.32       | 22  |
|   | Y <sub>Ma</sub>                | 93.93      | -10.76     | 34.63         | 36.27       | 107 |
|   | L <sub>Ma</sub>                | 89.32      | -35.8      | 27.64         | 45.24       | 142 |
|   | C <sub>Ma</sub>                | 90.93      | -21.95     | -7.07         | 23.07       | 198 |
|   | V <sub>Ma</sub>                | 72.1       | 15.76      | -35.63        | 38.97       | 294 |
|   | M <sub>Ma</sub>                | 78.5       | 37.52      | -25.23        | 45.22       | 326 |
|   | N <sub>Ma</sub>                | 69.7       | 0.0        | 0.0           | 0.0         | 0   |
|   | W <sub>Ma</sub>                | 95.41      | 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      | -2.88      | 71.56         | 71.62       | 92  |
| b | G <sub>CIE</sub>               | 52.23      | -42.41     | 13.6          | 44.55       | 162 |
|   | B <sub>CIE</sub>               | 30.57      | 1.41       | -46.46        | 46.49       | 272 |

### %Regularität

$$g^*_{H,rel} = 34$$
$$g^*_{C,rel} = 51$$
5 stufige Reihen für konstanten CIELAB Buntton  $326/360 = 0.906$  (rechts)

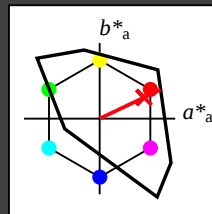
## Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 25/360 = 0.071$

$lab^*tch$  und  $lab^*nch$

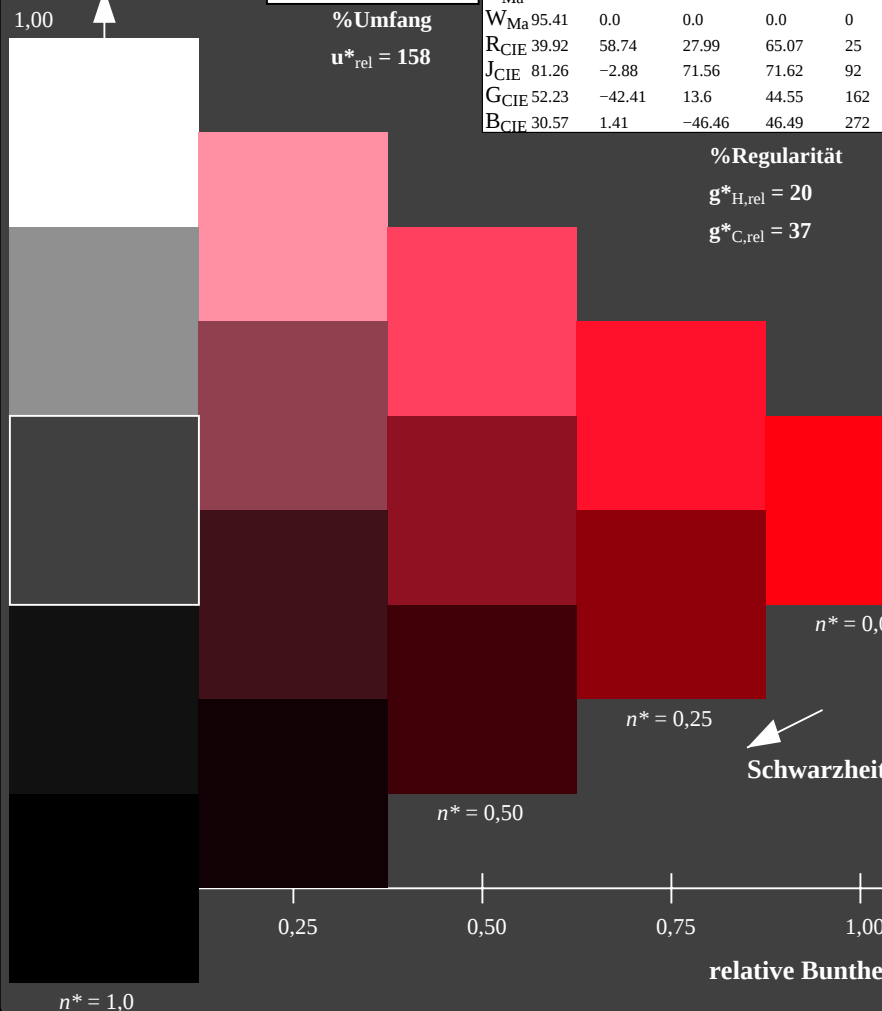
D65: Buntton R  
LCH\*Ma: 52 89 25  
olv\*Ma: 1.0 0.0 0.21

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 158$



NG430-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links)

BAM-Prüfvorlage NG43; Farbmatrik-Systeme TLS00 & TLS70 input:  $olv^*setrgbcolor$

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output:  $olv^*setrgbcolor / w^*setgray$

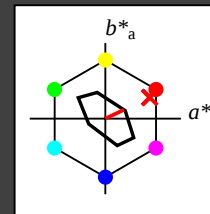
## Ausgabe: Farbmatisches Fernseh-Licht-System TLS70

für Buntton  $h^* = lab^*h = 25/360 = 0.071$

$lab^*tch$  und  $lab^*nch$

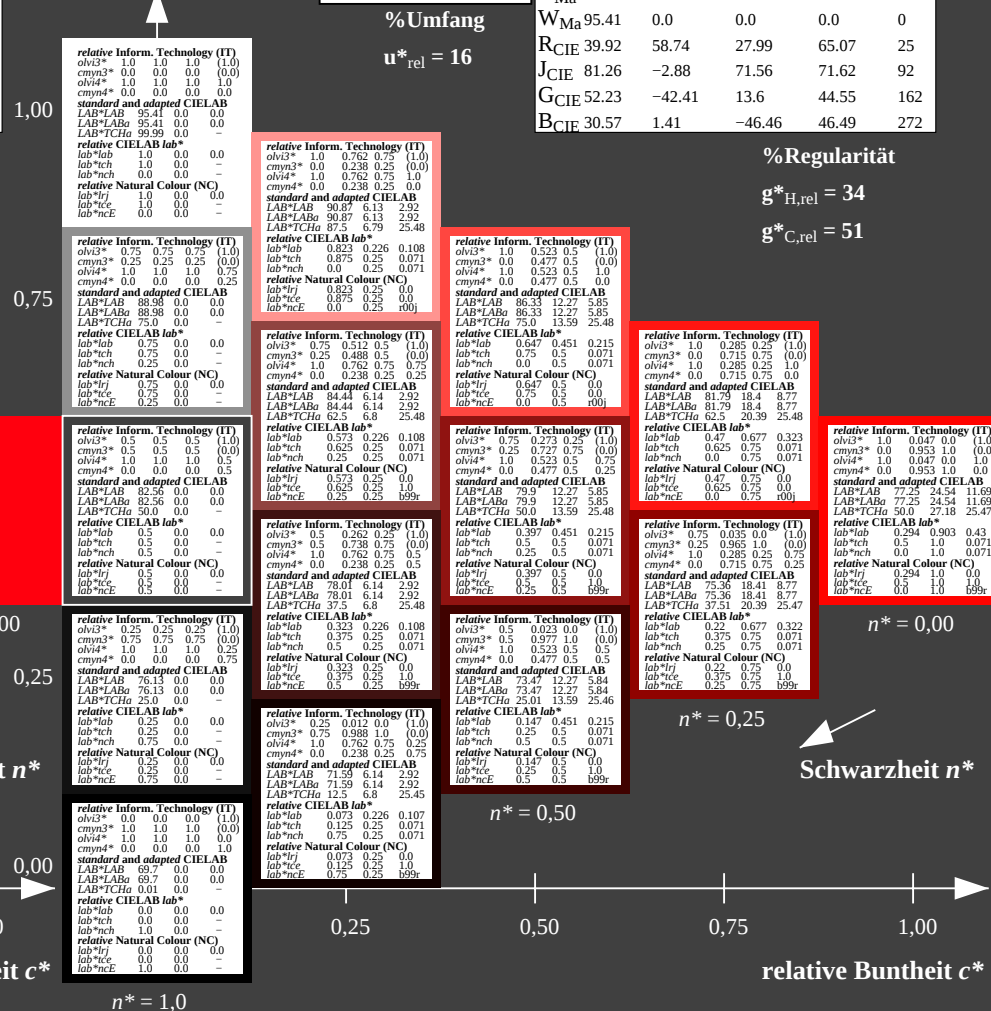
D65: Buntton R  
LCH\*Ma: 77 27 25  
olv\*Ma: 1.0 0.05 0.0

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 16$



5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (rechts)

Siehe ähnliche Dateien: <http://www.ps.bam.de/NG43/>  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB

BAM-Registrierung: 20060101-NG43/10S/S43G06FP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen  
/NG43/ Form: 7/10, Serie: 1/1, Seite: 7  
Seitenzahl 7

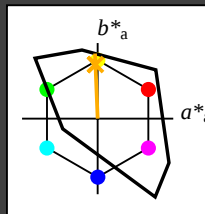
### Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 92/360 = 0.256$

$lab^*tch$  und  $lab^*nch$

D65: Buntton J  
LCH\*Ma: 85 86 92  
olv\*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit



| TLS00; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                | 50.5        | 76.92   | 64.55   | 100.42       | 40           |
| Y <sub>Ma</sub>                | 92.66       | -20.69  | 90.75   | 93.08        | 103          |
| L <sub>Ma</sub>                | 83.63       | -82.75  | 79.9    | 115.04       | 136          |
| C <sub>Ma</sub>                | 86.88       | -46.16  | -13.55  | 48.12        | 196          |
| V <sub>Ma</sub>                | 30.39       | 76.06   | -103.59 | 128.52       | 306          |
| M <sub>Ma</sub>                | 57.3        | 94.35   | -58.41  | 110.97       | 328          |
| N <sub>Ma</sub>                | 0.01        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                | 95.41       | 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       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>               | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>               | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

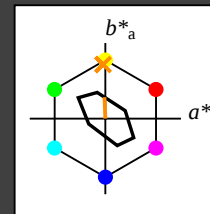
### Ausgabe: Farbmatisches Fernseh-Licht-System TLS70

für Buntton  $h^* = lab^*h = 92/360 = 0.256$

$lab^*tch$  und  $lab^*nch$

D65: Buntton J  
LCH\*Ma: 89 28 92  
olv\*Ma: 1.0 0.74 0.0

Dreiecks-Helligkeit

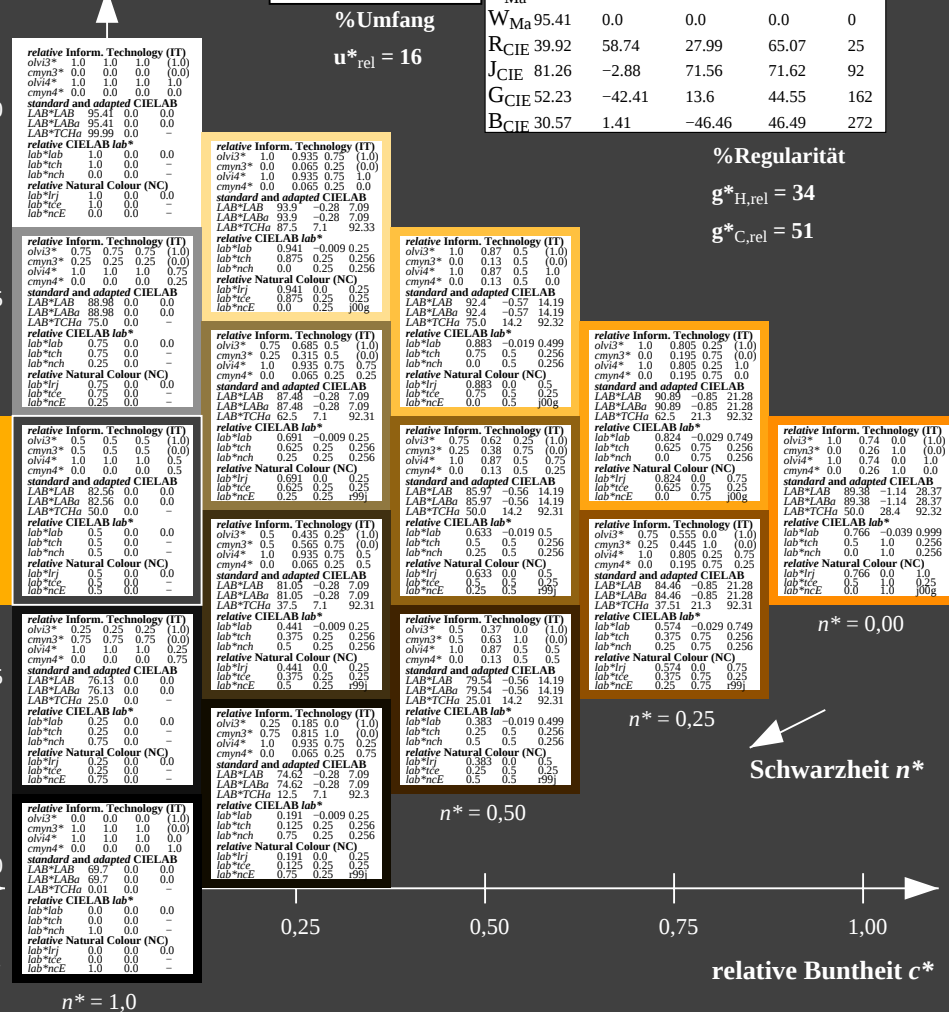
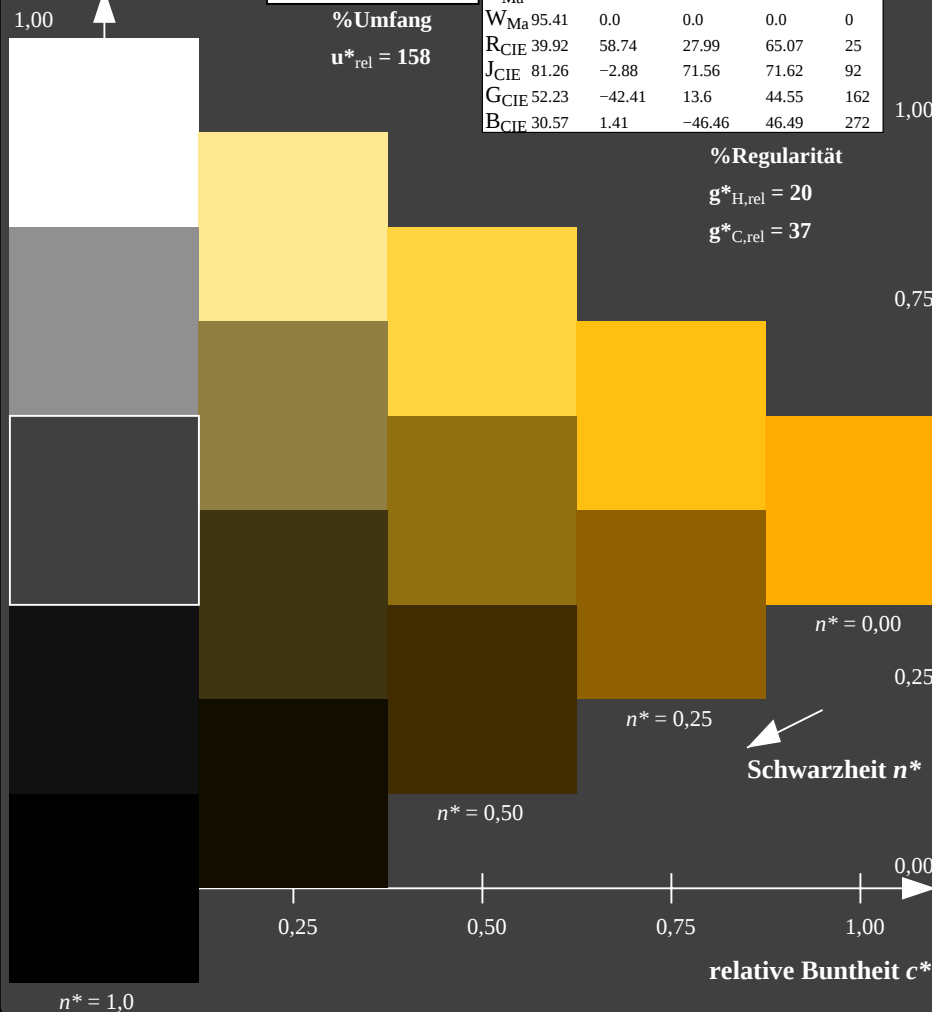


| TLS70; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                | 76.43       | 26.27   | 10.57   | 28.32        | 22           |
| Y <sub>Ma</sub>                | 93.93       | -10.76  | 34.63   | 36.27        | 107          |
| L <sub>Ma</sub>                | 89.32       | -35.8   | 27.64   | 45.24        | 142          |
| C <sub>Ma</sub>                | 90.93       | -21.95  | -7.07   | 23.07        | 198          |
| V <sub>Ma</sub>                | 72.1        | 15.76   | -35.63  | 38.97        | 294          |
| M <sub>Ma</sub>                | 78.5        | 37.52   | -25.23  | 45.22        | 326          |
| N <sub>Ma</sub>                | 69.7        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                | 95.41       | 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       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>               | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>               | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

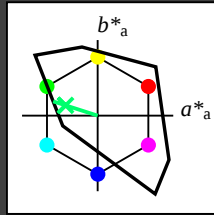


### Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 162/360 = 0.451$   
 $lab^*tch$  und  $lab^*nch$

D65: Buntton G  
LCH\*Ma: 86 62 162  
olv\*Ma: 0.0 1.0 0.65

Dreiecks-Helligkeit



| TLS00; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                | 50.5        | 76.92   | 64.55   | 100.42       | 40           |
| Y <sub>Ma</sub>                | 92.66       | -20.69  | 90.75   | 93.08        | 103          |
| L <sub>Ma</sub>                | 83.63       | -82.75  | 79.9    | 115.04       | 136          |
| C <sub>Ma</sub>                | 86.88       | -46.16  | -13.55  | 48.12        | 196          |
| V <sub>Ma</sub>                | 30.39       | 76.06   | -103.59 | 128.52       | 306          |
| M <sub>Ma</sub>                | 57.3        | 94.35   | -58.41  | 110.97       | 328          |
| N <sub>Ma</sub>                | 0.01        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                | 95.41       | 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       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>               | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>               | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

relative Buntheit  $c^*$

NG430-7, 5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)



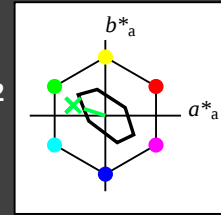
BAM-Prüfvorlage NG43; Farbmatrik-Systeme TLS00 & TLS70 input:  $olv^*setrgbcolor$   
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output:  $olv^*setrgbcolor / w^*setgray$

### Ausgabe: Farbmatisches Fernseh-Licht-System TLS70

für Buntton  $h^* = lab^*h = 162/360 = 0.451$   
 $lab^*tch$  und  $lab^*nch$

D65: Buntton G  
LCH\*Ma: 90 30 162  
olv\*Ma: 0.0 1.0 0.53

Dreiecks-Helligkeit



| TLS70; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                | 76.43       | 26.27   | 10.57   | 28.32        | 22           |
| Y <sub>Ma</sub>                | 93.93       | -10.76  | 34.63   | 36.27        | 107          |
| L <sub>Ma</sub>                | 89.32       | -35.8   | 27.64   | 45.24        | 142          |
| C <sub>Ma</sub>                | 90.93       | -21.95  | -7.07   | 23.07        | 198          |
| V <sub>Ma</sub>                | 72.1        | 15.76   | -35.63  | 38.97        | 294          |
| M <sub>Ma</sub>                | 78.5        | 37.52   | -25.23  | 45.22        | 326          |
| N <sub>Ma</sub>                | 69.7        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                | 95.41       | 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       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>               | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>               | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

relative Buntheit  $c^*$

5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (rechts)



Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 272/360 = 0.755$

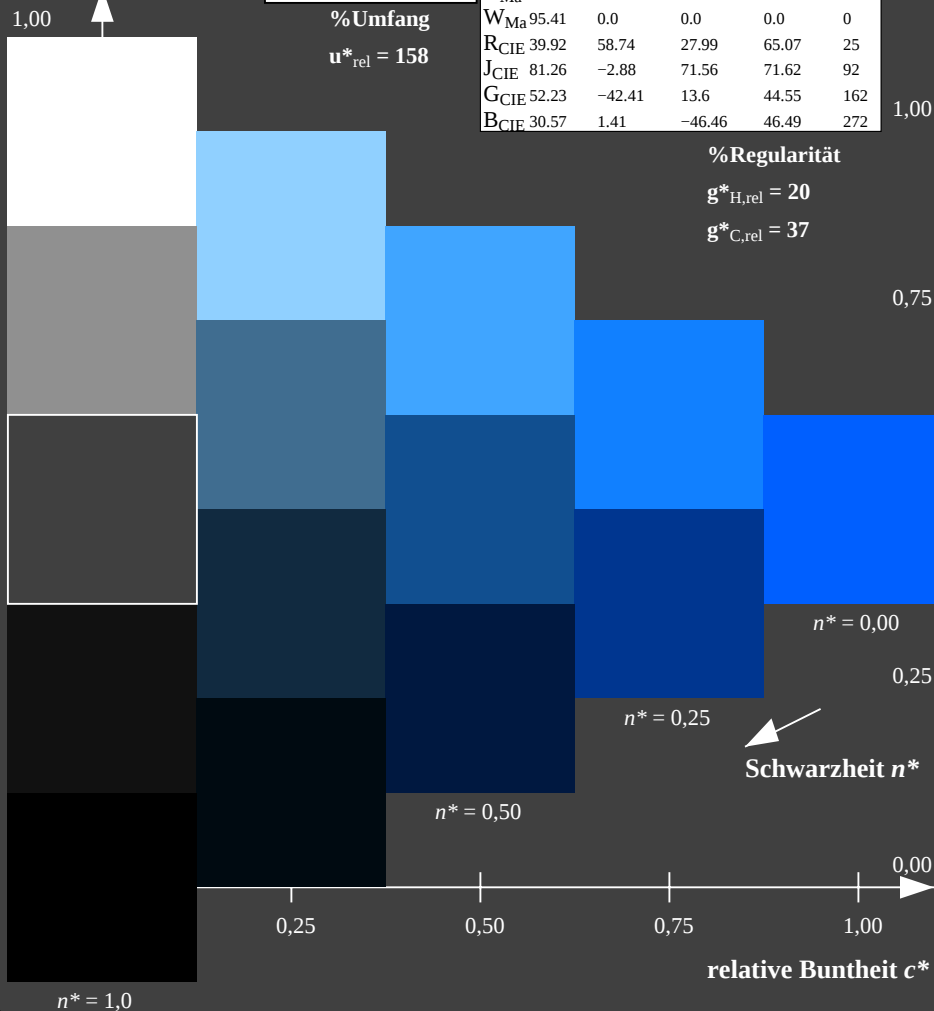
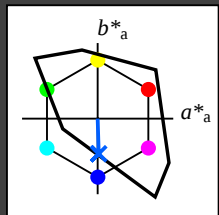
$lab^*tch$  und  $lab^*nch$

D65: Buntton B

LCH\*Ma: 65 49 272

olv\*Ma: 0.0 0.61 1.0

Dreiecks-Helligkeit



NG430-7, 5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

BAM-Prüfvorlage NG43; Farbmatrik-Systeme TLS00 & TLS70 input:  $olv^* setrgbcolor$

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output:  $olv^* setrgbcolor / w^* setgray$

Ausgabe: Farbmatisches Fernseh-Licht-System TLS70

für Buntton  $h^* = lab^*h = 272/360 = 0.755$

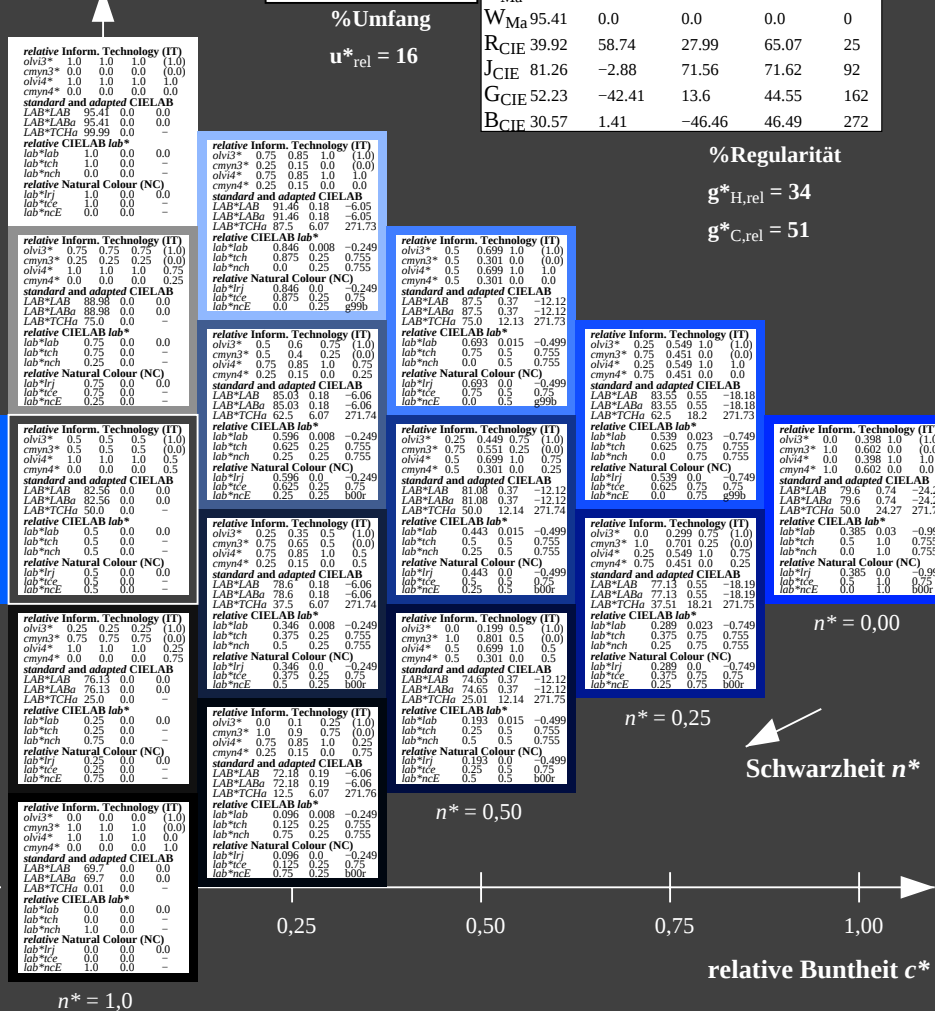
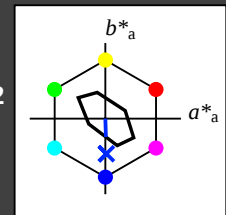
$lab^*tch$  und  $lab^*nch$

D65: Buntton B

LCH\*Ma: 80 24 272

olv\*Ma: 0.0 0.4 1.0

Dreiecks-Helligkeit



5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (rechts)