

Ein- und Ausgabe: Offset-Reflektiv-System ORS18a

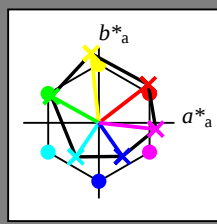
Daten für jede Geräte- (d) oder  
 Elementarfarbe (e):  
 HIC\*-

Bunttext für die Farben  
 dieser Seite:

H\*<sub>-</sub> = R00Y<sub>-</sub>, R25Y<sub>-</sub>, ..., B75R<sub>-</sub>

ORS20a; adaptierte CIELAB-Daten

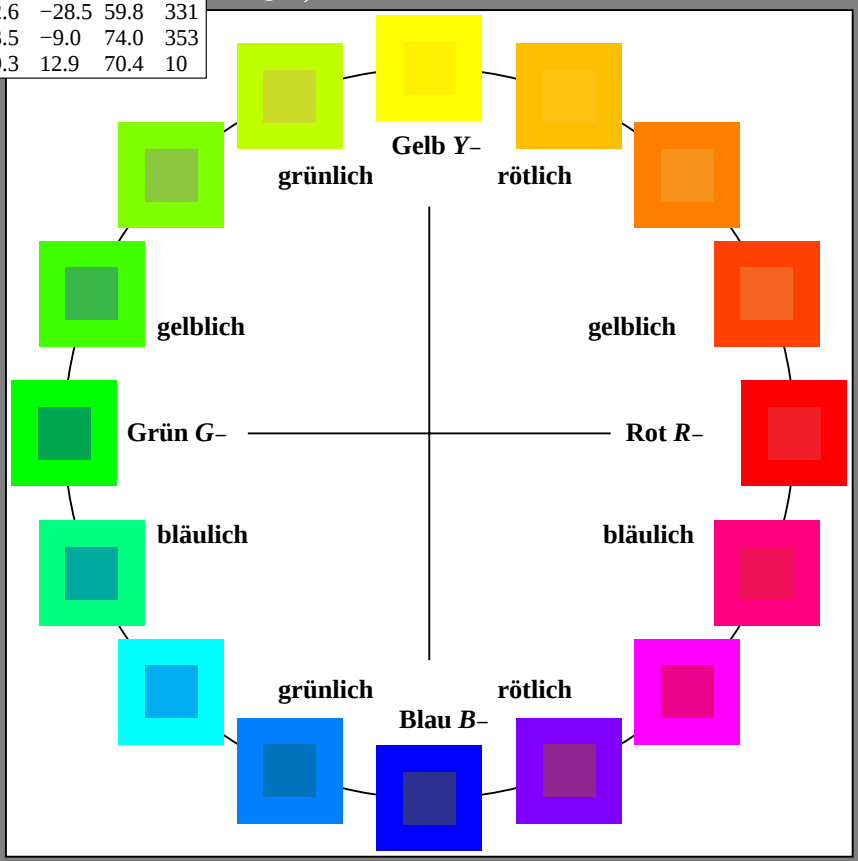
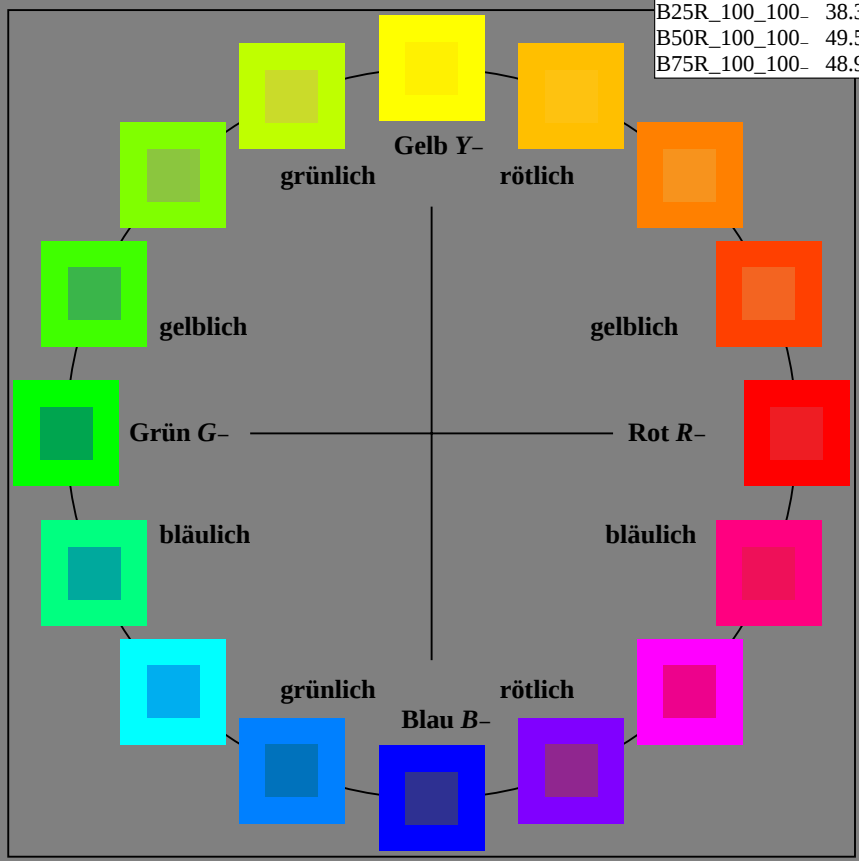
| H* <sub>-</sub> | L* <sub>-</sub> | a* <sub>-</sub> | b* <sub>-</sub> | C* <sub>-</sub> | h* <sub>-</sub> |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| R00Y_100_100_   | 48.4            | 66.1            | 40.2            | 77.3            | 31              |
| R25Y_100_100_   | 56.8            | 48.0            | 50.5            | 69.6            | 46              |
| R50Y_100_100_   | 68.6            | 25.0            | 63.9            | 68.6            | 68              |
| R75Y_100_100_   | 80.6            | 4.8             | 77.2            | 77.3            | 86              |
| Y00G_100_100_   | 90.2            | -9.6            | 88.2            | 88.7            | 96              |
| Y25G_100_100_   | 83.2            | -18.4           | 79.9            | 81.9            | 102             |
| Y50G_100_100_   | 73.3            | -31.7           | 62.7            | 70.2            | 116             |
| Y75G_100_100_   | 62.0            | -49.7           | 43.2            | 65.8            | 139             |
| G00B_100_100_   | 55.8            | -65.2           | 33.8            | 73.4            | 152             |
| G25B_100_100_   | 59.3            | -50.3           | -9.0            | 51.0            | 190             |
| G50B_100_100_   | 63.0            | -30.5           | -42.0           | 51.9            | 234             |
| G75B_100_100_   | 45.7            | -5.7            | -44.6           | 44.9            | 262             |
| B00R_100_100_   | 27.5            | 25.9            | -47.3           | 53.9            | 298             |
| B25R_100_100_   | 38.3            | 52.6            | -28.5           | 59.8            | 331             |
| B50R_100_100_   | 49.5            | 73.5            | -9.0            | 74.0            | 353             |
| B75R_100_100_   | 48.9            | 69.3            | 12.9            | 70.4            | 10              |



%Umfang  
 u\*<sub>rel</sub> = 92  
 %Regularität  
 g\*<sub>H,rel</sub> = 57  
 g\*<sub>C,rel</sub> = 58

ORS18a; adaptierte CIELAB-Daten

| Name                | L* <sub>-</sub> | a* <sub>-</sub> | b* <sub>-</sub> | C* <sub>-</sub> | h* <sub>-</sub> |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| R <sub>-</sub> ,Ma  | 47.9            | 65.3            | 50.5            | 82.6            | 37              |
| Y <sub>-</sub> ,Ma  | 90.3            | -10.2           | 91.7            | 92.3            | 96              |
| G <sub>-</sub> ,Ma  | 50.9            | -62.8           | 34.9            | 71.9            | 150             |
| C <sub>-</sub> ,Ma  | 58.6            | -30.3           | -45.0           | 54.2            | 236             |
| B <sub>-</sub> ,Ma  | 25.7            | 31.0            | -44.4           | 54.2            | 305             |
| M <sub>-</sub> ,Ma  | 48.1            | 75.2            | -8.3            | 75.7            | 353             |
| N <sub>-</sub> ,Ma  | 18.0            | 0.0             | 0.0             | 0.0             | 0               |
| W <sub>-</sub> ,Ma  | 95.4            | 0.0             | 0.0             | 0.0             | 0               |
| R <sub>-</sub> ,CIE | 39.9            | 58.7            | 27.9            | 65.0            | 25              |
| Y <sub>-</sub> ,CIE | 81.2            | -2.8            | 71.5            | 71.6            | 92              |
| G <sub>-</sub> ,CIE | 52.2            | -42.4           | 13.6            | 44.5            | 162             |
| B <sub>-</sub> ,CIE | 30.5            | 1.4             | -46.4           | 46.4            | 271             |



0-003030-L0 PG830-7N

TUB-Prüfvorlage PG83; 16 Bunttöne  
 Prüfvorlage nach DIN 33872, 3D=0, de=0, cmyk

Eingabe: rgb/cmyk -> rgb/cmyk  
 Ausgabe: keine Änderung

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/PG83/PG83.HTM>  
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20130201-PG83/PG83L0NP.PDF /.PS  
 Anwendung für Messung von Offsetdruck-Ausgabe

TUB-Material: Code=rh4ta

Ein- und Ausgabe: Offset-Reflektiv-System ORS18a

Daten für jede Geräte- (d) oder  
Elementarfarbe (e):

$HIC^*_d$

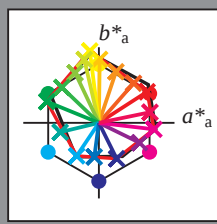
Bunttext für die Farben

dieser Seite:

$H^*_d = R00Y_d, R25Y_d, \dots, B75R_d$

ORS20a; adaptierte CIELAB-Daten

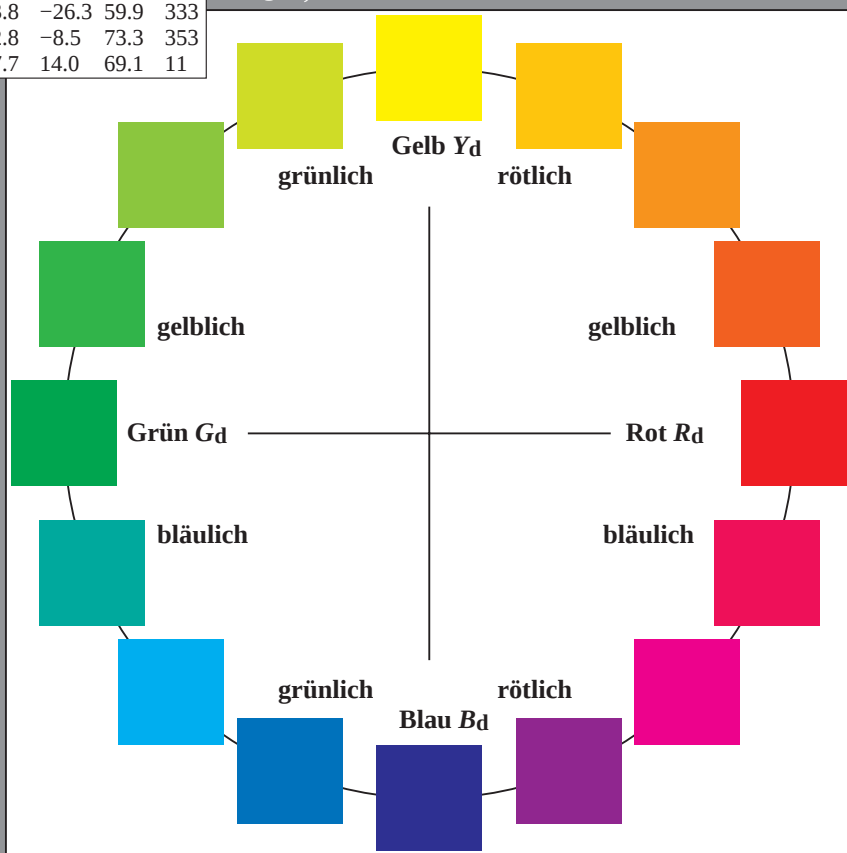
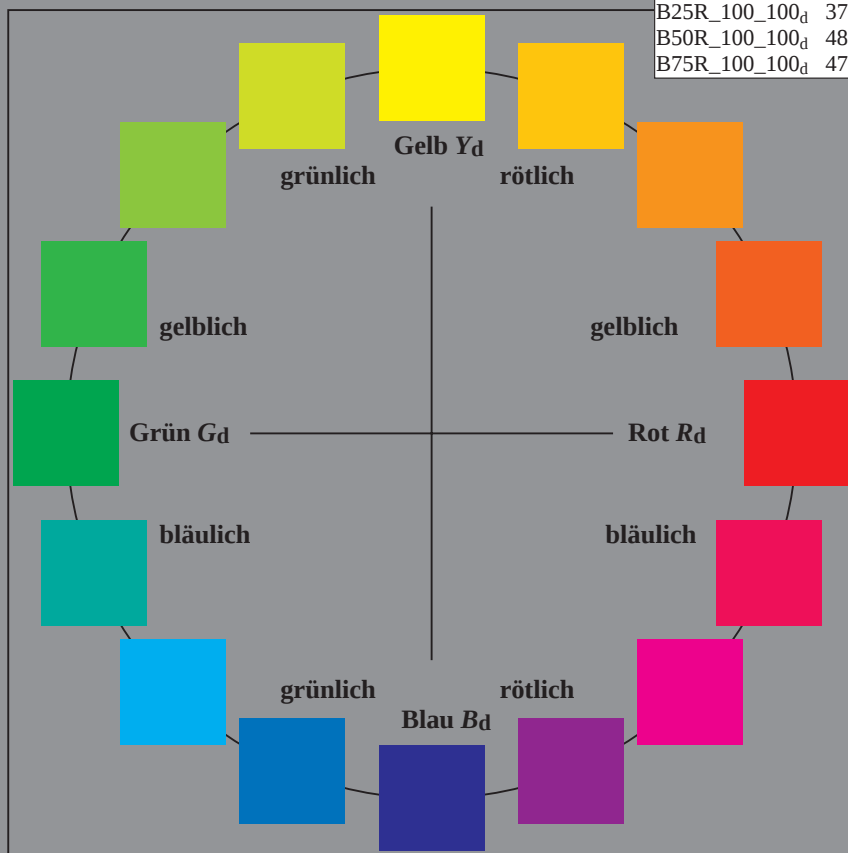
| $H^*_d$        | $L^*=L^*_a a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------------|---------|--------------|--------------|
| R00Y_100_100_d | 47.3              | 63.8    | 41.2         | 76.0         |
| R25Y_100_100_d | 55.3              | 45.8    | 52.2         | 69.5         |
| R50Y_100_100_d | 67.2              | 22.6    | 67.6         | 71.2         |
| R75Y_100_100_d | 79.9              | 1.0     | 83.9         | 83.9         |
| Y00G_100_100_d | 88.3              | -11.9   | 95.1         | 95.8         |
| Y25G_100_100_d | 83.3              | -19.2   | 83.7         | 85.9         |
| Y50G_100_100_d | 72.7              | -31.3   | 66.0         | 73.1         |
| Y75G_100_100_d | 60.4              | -48.8   | 46.7         | 67.6         |
| G00B_100_100_d | 51.9              | -68.8   | 28.1         | 74.3         |
| G25B_100_100_d | 54.8              | -51.0   | -12.3        | 52.5         |
| G50B_100_100_d | 58.3              | -29.2   | -43.7        | 52.6         |
| G75B_100_100_d | 42.7              | -6.0    | -45.0        | 45.4         |
| B00R_100_100_d | 25.3              | 23.5    | -47.3        | 52.8         |
| B25R_100_100_d | 37.8              | 53.8    | -26.3        | 59.9         |
| B50R_100_100_d | 48.2              | 72.8    | -8.5         | 73.3         |
| B75R_100_100_d | 47.7              | 67.7    | 14.0         | 69.1         |



%Umfang  
 $u^*_{rel} = 92$   
%Regularität  
 $g^*_{H,rel} = 57$   
 $g^*_{C,rel} = 58$

ORS20a; adaptierte CIELAB-Daten

| Name                | $L^*=L^*_a a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---------------------|-------------------|---------|--------------|--------------|
| R <sub>d, Ma</sub>  | 47.3              | 63.8    | 41.2         | 76.0         |
| Y <sub>d, Ma</sub>  | 88.3              | -11.9   | 95.1         | 95.8         |
| G <sub>d, Ma</sub>  | 51.9              | -68.8   | 28.1         | 74.3         |
| C <sub>d, Ma</sub>  | 58.3              | -29.2   | -43.7        | 52.6         |
| B <sub>d, Ma</sub>  | 25.3              | 23.5    | -47.3        | 52.8         |
| M <sub>d, Ma</sub>  | 48.2              | 72.8    | -8.5         | 73.3         |
| N <sub>d, Ma</sub>  | 17.7              | 0.0     | 0.0          | 0.0          |
| W <sub>d, Ma</sub>  | 95.4              | 0.0     | 0.0          | 0.0          |
| R <sub>d, CIE</sub> | 39.9              | 58.7    | 27.9         | 65.0         |
| Y <sub>d, CIE</sub> | 81.2              | -2.8    | 71.5         | 71.6         |
| G <sub>d, CIE</sub> | 52.2              | -42.4   | 13.6         | 44.5         |
| B <sub>d, CIE</sub> | 30.5              | 1.4     | -46.4        | 46.4         |



0-003130-L0 PG830-70

TUB-Prüfvorlage PG83; 16 Bunttöne  
Prüfvorlage nach DIN 33872, 3D=0, de=0, cmyk

Eingabe:  $rgb/cmyk \rightarrow rgb_d$   
Ausgabe: Transfer nach  $cmyk_d$

0-003130-F0

Ein- und Ausgabe: Offset-Reflektiv-System ORS18a

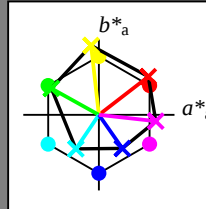
Daten für jede Geräte- (d) oder  
Elementarfarbe (e):  
HIC\*-

Bunttextext für die Farben  
dieser Seite:

H\*<sub>-</sub> = R00Y<sub>-</sub>, R25Y<sub>-</sub>, ..., B75R<sub>-</sub>

ORS20a; adaptierte CIELAB-Daten

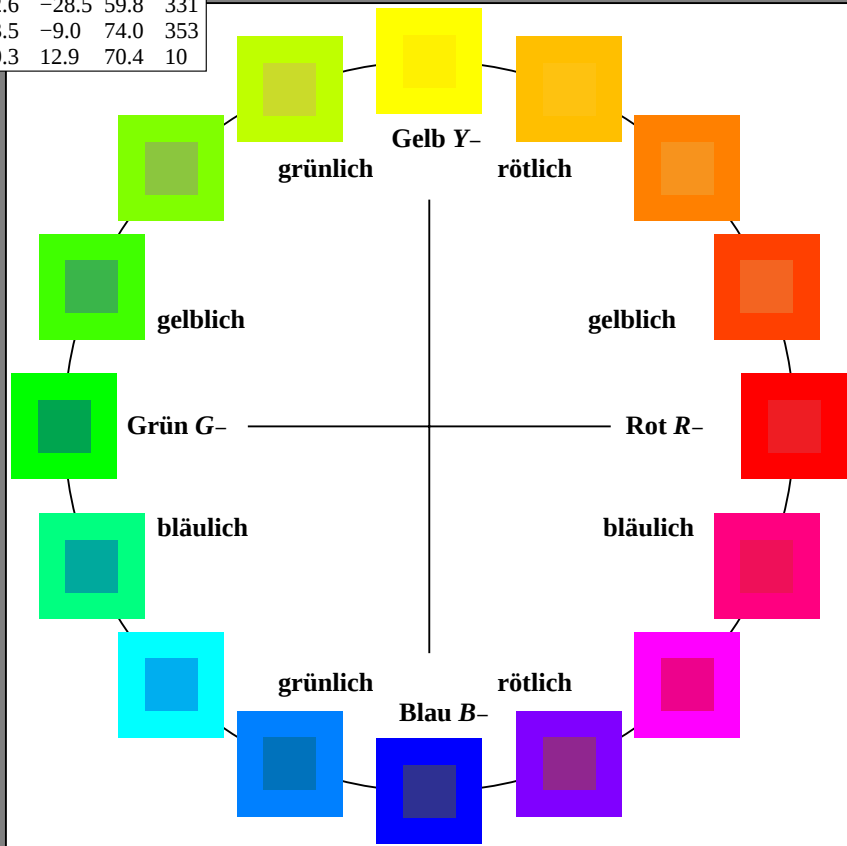
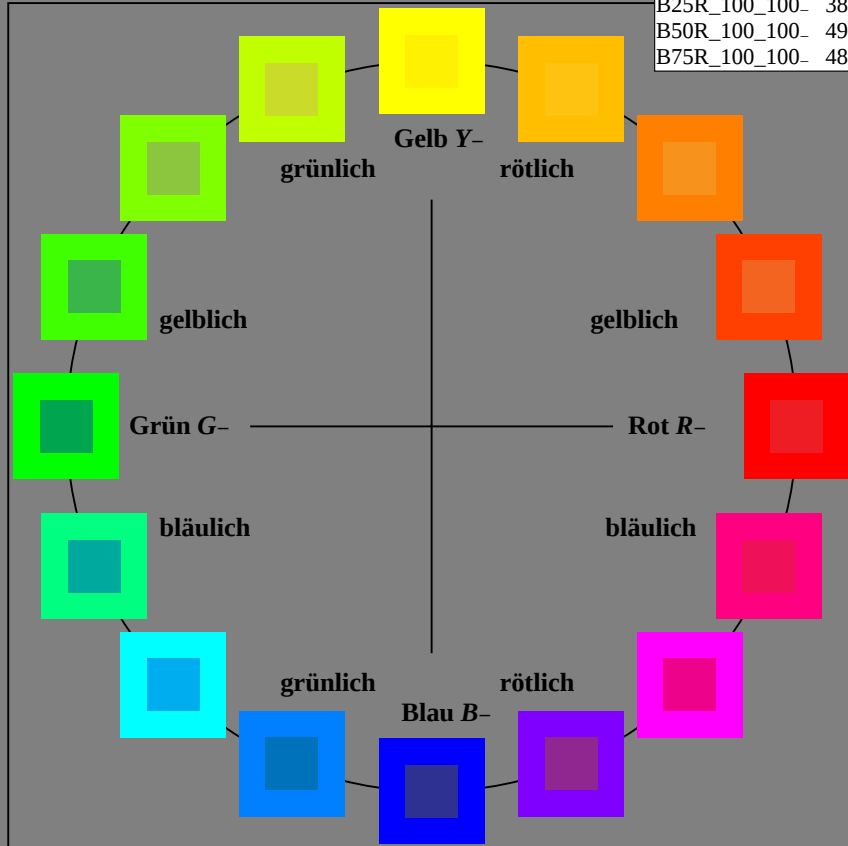
| H* <sub>-</sub> | L* <sub>a</sub> | a* <sub>a</sub> | b* <sub>a</sub> | C* <sub>ab,a</sub> | h* <sub>ab,a</sub> |
|-----------------|-----------------|-----------------|-----------------|--------------------|--------------------|
| R00Y_100_100_   | 48.4            | 66.1            | 40.2            | 77.3               | 31                 |
| R25Y_100_100_   | 56.8            | 48.0            | 50.5            | 69.6               | 46                 |
| R50Y_100_100_   | 68.6            | 25.0            | 63.9            | 68.6               | 68                 |
| R75Y_100_100_   | 80.6            | 4.8             | 77.2            | 77.3               | 86                 |
| Y00G_100_100_   | 90.2            | -9.6            | 88.2            | 88.7               | 96                 |
| Y25G_100_100_   | 83.2            | -18.4           | 79.9            | 81.9               | 102                |
| Y50G_100_100_   | 73.3            | -31.7           | 62.7            | 70.2               | 116                |
| Y75G_100_100_   | 62.0            | -49.7           | 43.2            | 65.8               | 139                |
| G00B_100_100_   | 55.8            | -65.2           | 33.8            | 73.4               | 152                |
| G25B_100_100_   | 59.3            | -50.3           | -9.0            | 51.0               | 190                |
| G50B_100_100_   | 63.0            | -30.5           | -42.0           | 51.9               | 234                |
| G75B_100_100_   | 45.7            | -5.7            | -44.6           | 44.9               | 262                |
| B00R_100_100_   | 27.5            | 25.9            | -47.3           | 53.9               | 298                |
| B25R_100_100_   | 38.3            | 52.6            | -28.5           | 59.8               | 331                |
| B50R_100_100_   | 49.5            | 73.5            | -9.0            | 74.0               | 353                |
| B75R_100_100_   | 48.9            | 69.3            | 12.9            | 70.4               | 10                 |



%Umfang  
u\*<sub>rel</sub> = 92  
%Regularität  
g\*<sub>H,rel</sub> = 57  
g\*<sub>C,rel</sub> = 58

ORS18a; adaptierte CIELAB-Daten

| Name                | L* <sub>a</sub> | a* <sub>a</sub> | b* <sub>a</sub> | C* <sub>ab,a</sub> | h* <sub>ab,a</sub> |
|---------------------|-----------------|-----------------|-----------------|--------------------|--------------------|
| R <sub>-</sub> ,Ma  | 47.9            | 65.3            | 50.5            | 82.6               | 37                 |
| Y <sub>-</sub> ,Ma  | 90.3            | -10.2           | 91.7            | 92.3               | 96                 |
| G <sub>-</sub> ,Ma  | 50.9            | -62.8           | 34.9            | 71.9               | 150                |
| C <sub>-</sub> ,Ma  | 58.6            | -30.3           | -45.0           | 54.2               | 236                |
| B <sub>-</sub> ,Ma  | 25.7            | 31.0            | -44.4           | 54.2               | 305                |
| M <sub>-</sub> ,Ma  | 48.1            | 75.2            | -8.3            | 75.7               | 353                |
| N <sub>-</sub> ,Ma  | 18.0            | 0.0             | 0.0             | 0.0                | 0                  |
| W <sub>-</sub> ,Ma  | 95.4            | 0.0             | 0.0             | 0.0                | 0                  |
| R <sub>-</sub> ,CIE | 39.9            | 58.7            | 27.9            | 65.0               | 25                 |
| Y <sub>-</sub> ,CIE | 81.2            | -2.8            | 71.5            | 71.6               | 92                 |
| G <sub>-</sub> ,CIE | 52.2            | -42.4           | 13.6            | 44.5               | 162                |
| B <sub>-</sub> ,CIE | 30.5            | 1.4             | -46.4           | 46.4               | 271                |



0-013030-L0 PG830-7N

TUB-Prüfvorlage PG83; 16 Bunttöne  
Prüfvorlage nach DIN 33872, 3D=0, de=1, cmyk

Eingabe: rgb/cmyk -> rgb/cmyk  
Ausgabe: keine Änderung

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/PG83/PG83.HTM>  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20130201-PG83/PG83L0NP.PDF /.PS  
Anwendung für Messung von Offsetdruck-Ausgabe

TUB-Material: Code=rh4ta

Ein- und Ausgabe: Offset-Reflektiv-System ORS18a

Daten für jede Geräte- (d) oder  
Elementarfarbe (e):

$HIC^*_e$

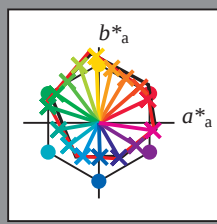
Bunttext für die Farben

dieser Seite:

$H^*_e = R00Y_e, R25Y_e, ..., B75R_e$

ORS20a; adaptierte CIELAB-Daten

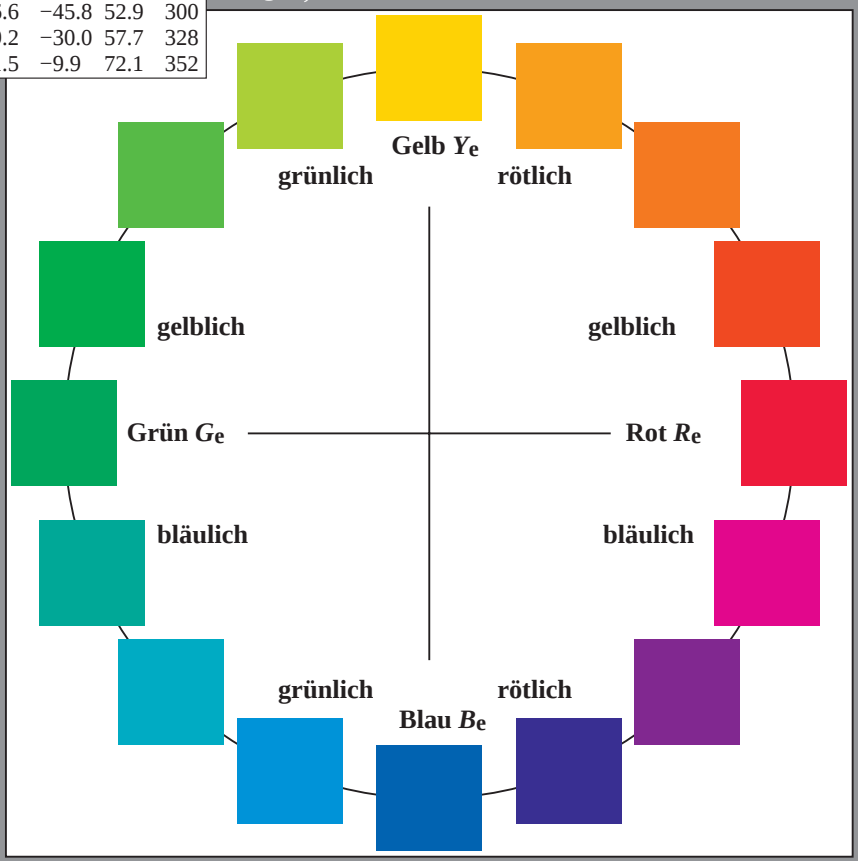
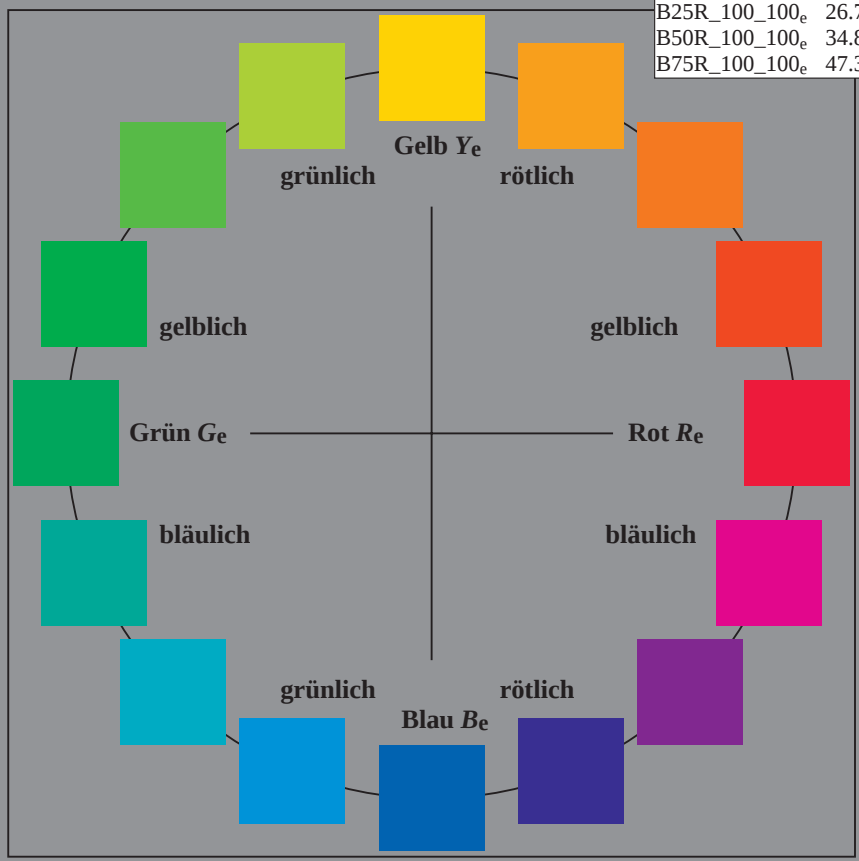
| $H^*_e$        | $L^*=L^*_a a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------------|---------|--------------|--------------|
| R00Y_100_100_e | 47.6              | 64.9    | 30.9         | 71.9         |
| R25Y_100_100_e | 51.5              | 54.2    | 47.2         | 71.9         |
| R50Y_100_100_e | 60.3              | 35.6    | 59.0         | 68.9         |
| R75Y_100_100_e | 70.4              | 17.0    | 72.2         | 74.1         |
| Y00G_100_100_e | 82.9              | -3.5    | 87.8         | 87.9         |
| Y25G_100_100_e | 76.9              | -25.5   | 75.9         | 80.1         |
| Y50G_100_100_e | 65.8              | -41.4   | 54.4         | 68.3         |
| Y75G_100_100_e | 56.9              | -56.3   | 38.1         | 68.0         |
| G00B_100_100_e | 52.4              | -67.1   | 21.5         | 70.5         |
| G25B_100_100_e | 54.6              | -53.2   | -9.0         | 53.9         |
| G50B_100_100_e | 56.6              | -39.7   | -29.9        | 49.8         |
| G75B_100_100_e | 52.7              | -21.1   | -44.1        | 48.9         |
| B00R_100_100_e | 37.9              | 1.3     | -45.4        | 45.4         |
| B25R_100_100_e | 26.7              | 26.6    | -45.8        | 52.9         |
| B50R_100_100_e | 34.8              | 49.2    | -30.0        | 57.7         |
| B75R_100_100_e | 47.3              | 71.5    | -9.9         | 72.1         |



%Umfang  
 $u^*_{rel} = 92$   
%Regularität  
 $g^*_{H,rel} = 57$   
 $g^*_{C,rel} = 58$

ORS20a; adaptierte CIELAB-Daten

| Name       | $L^*=L^*_a a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------|-------------------|---------|--------------|--------------|
| $R_e, Ma$  | 47.6              | 64.9    | 30.9         | 71.9         |
| $Y_e, Ma$  | 82.9              | -3.5    | 87.8         | 87.9         |
| $G_e, Ma$  | 52.4              | -67.1   | 21.5         | 70.5         |
| $C_e, Ma$  | 56.6              | -39.7   | -29.9        | 49.8         |
| $B_e, Ma$  | 37.9              | 1.3     | -45.4        | 45.4         |
| $M_e, Ma$  | 34.8              | 49.2    | -30.0        | 57.7         |
| $N_e, Ma$  | 17.7              | 0.0     | 0.0          | 0.0          |
| $W_e, Ma$  | 95.4              | 0.0     | 0.0          | 0.0          |
| $R_e, CIE$ | 39.9              | 58.7    | 27.9         | 65.0         |
| $Y_e, CIE$ | 81.2              | -2.8    | 71.5         | 71.6         |
| $G_e, CIE$ | 52.2              | -42.4   | 13.6         | 44.5         |
| $B_e, CIE$ | 30.5              | 1.4     | -46.4        | 46.4         |



0-013130-L0 PG830-71

TUB-Prüfvorlage PG83; 16 Bunttöne  
Prüfvorlage nach DIN 33872, 3D=0, de=1, cmyk

Eingabe:  $rgb/cmyk \rightarrow rgb_e$   
Ausgabe: Transfer nach  $cmyk_e$

0-013130-F0

TUB-Registrierung: 20130201-PG83/PG83L0NP.PDF /.PS  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmyk6 (CMYK)  
TUB-Material: Code=rh4ta