

Ein- und Ausgabe: Offset-Reflektiv-System ORS18a für relativen CIELAB-Buntton  $h_{ab,a,rel} = h_{ab}/360 = 86/360 = 0.24$

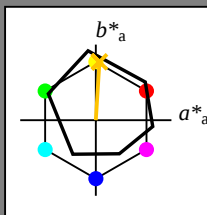
Daten für jede Geräte- (d) oder  
Elementarfarbe (e):

$HIC^*$

Bunttontext für die Farben  
dieser Seite:

$H^*_ = R75Y_-$

Dreiecks-Helligkeit  $T^*$



ORS18a; adaptierte CIELAB-Daten

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

Daten für Maximalfarbe (Ma):

$LabCh^*_{-,Ma}$ : 80 4 77 77 86

$HIC^*_{-,Ma}$ : R75Y\_100\_100\_

$rgbic^*_{-,Ma}$ :

1.0 0.76 0.0 1.0 1.0

Dreiecks-Helligkeit  $T^*$

%Umfang

$u^*_{rel} = 92$

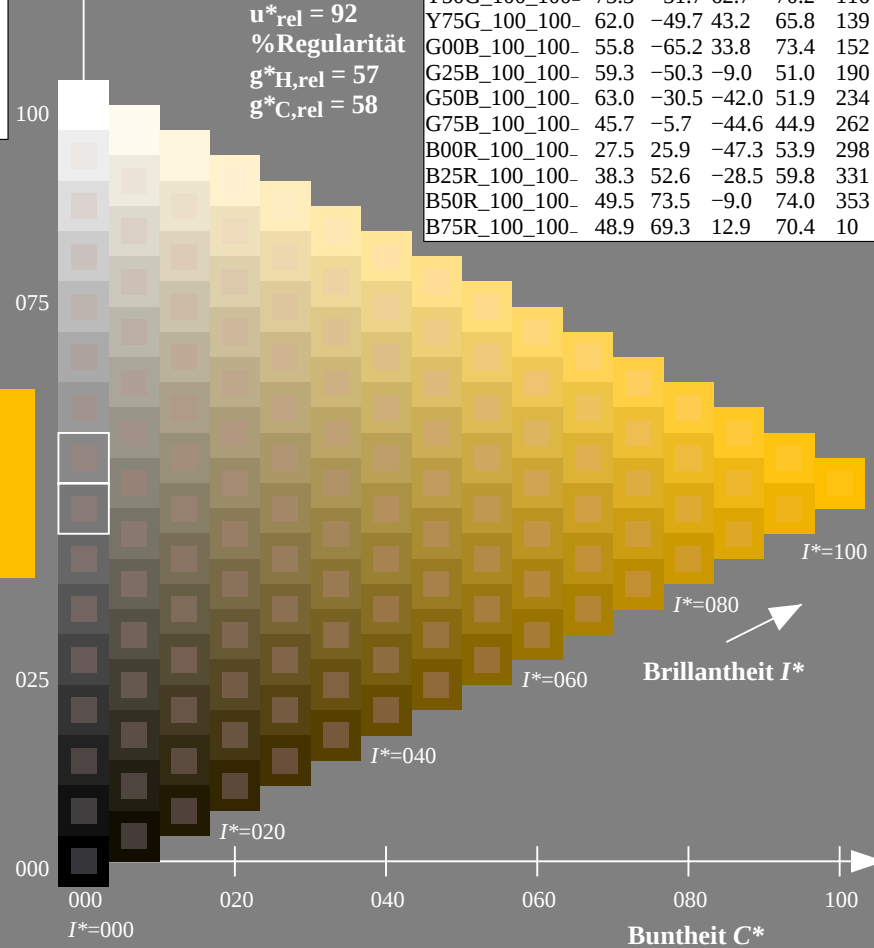
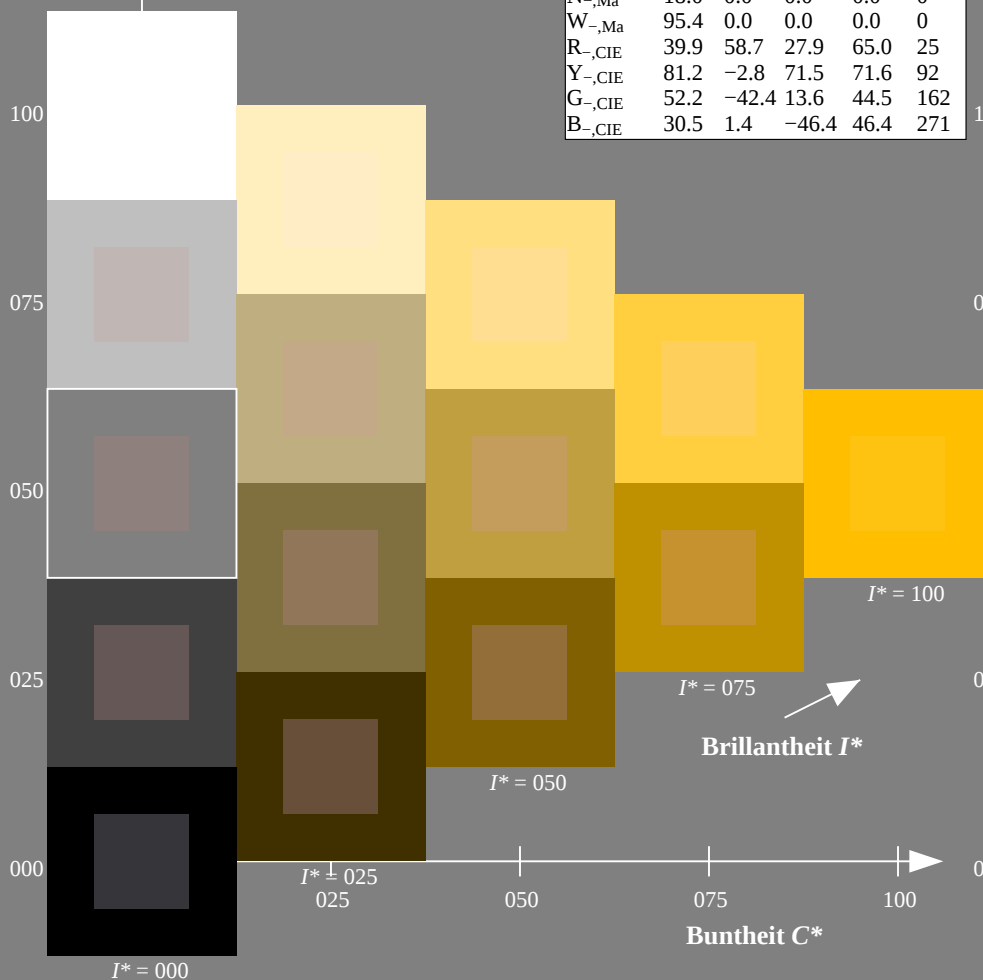
%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

ORS20a; adaptierte CIELAB-Daten

| $H^*_$        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---------------|-------------|---------|---------|--------------|--------------|
| 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           |



Ein- und Ausgabe: Offset-Reflektiv-System ORS18a für relativen CIELAB-Buntton  $h_{ab,a,rel} = h_{ab}/360 = 76/360 = 0.21$

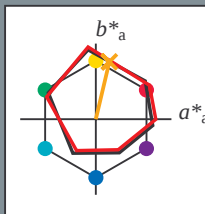
Daten für jede Geräte- (d) oder  
Elementarfarbe (e):

$HIC^*_e$

Bunttontext für die Farben  
dieser Seite:

$H^*_e = R75Y_e$

Dreiecks-Helligkeit  $T^*$



| ORS20a; adaptierte CIELAB-Daten |             |         |         |              |              |
|---------------------------------|-------------|---------|---------|--------------|--------------|
| Name                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $R_{e,Ma}$                      | 45.6        | 72.2    | 34.4    | 80.0         | 25           |
| $Y_{e,Ma}$                      | 83.6        | -3.6    | 90.4    | 90.4         | 92           |
| $G_{e,Ma}$                      | 50.6        | -62.1   | 19.9    | 65.2         | 162          |
| $C_{e,Ma}$                      | 55.0        | -36.2   | -27.2   | 45.3         | 216          |
| $B_{e,Ma}$                      | 40.2        | 1.2     | -40.6   | 40.6         | 271          |
| $M_{e,Ma}$                      | 31.1        | 47.7    | -29.1   | 55.9         | 328          |
| $N_{e,Ma}$                      | 24.3        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{e,Ma}$                      | 95.6        | 0.0     | 0.0     | 0.0          | 0            |
| $R_{e,CIE}$                     | 39.9        | 58.7    | 27.9    | 65.0         | 25           |
| $Y_{e,CIE}$                     | 81.2        | -2.8    | 71.5    | 71.6         | 92           |
| $G_{e,CIE}$                     | 52.2        | -42.4   | 13.6    | 44.5         | 162          |
| $B_{e,CIE}$                     | 30.5        | 1.4     | -46.4   | 46.4         | 271          |

Daten für Maximalfarbe (Ma):

$LabCh^*_{e,Ma}$ : 70 17 75 77 76

$HIC^*_{e,Ma}$ : R75Y\_100\_100\_e

$rgbic^*_{e,Ma}$ :

1.0 0.6 0.0 1.0 1.0

Dreiecks-Helligkeit  $T^*$

%Umfang

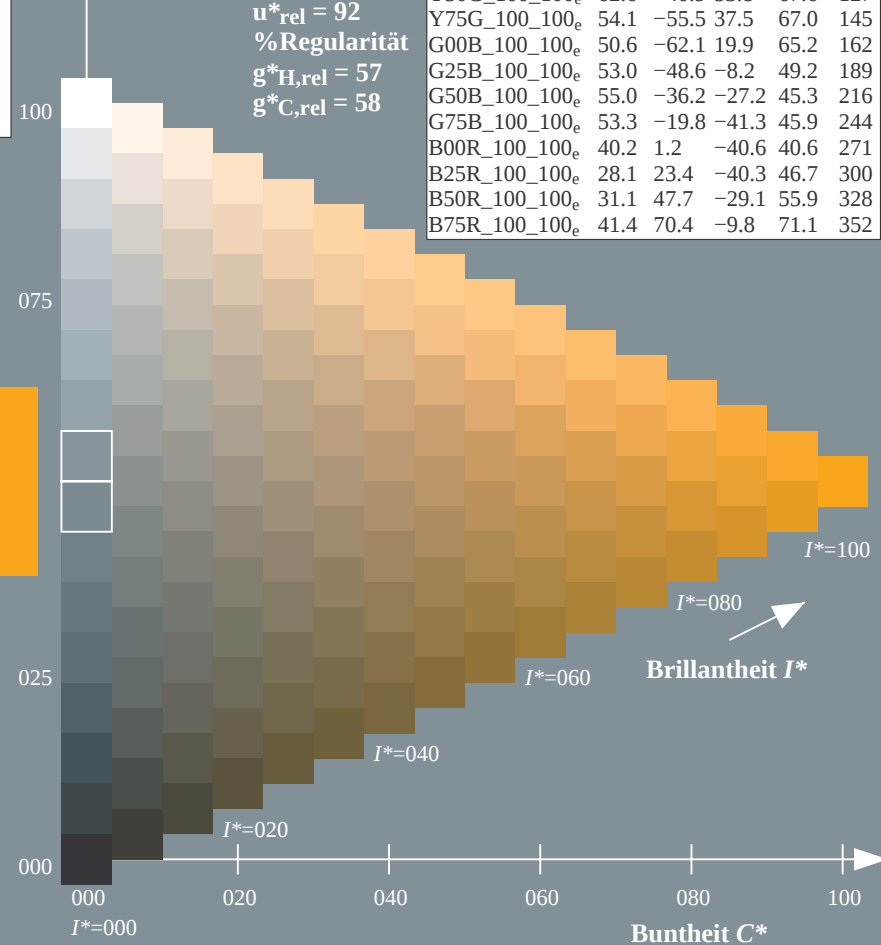
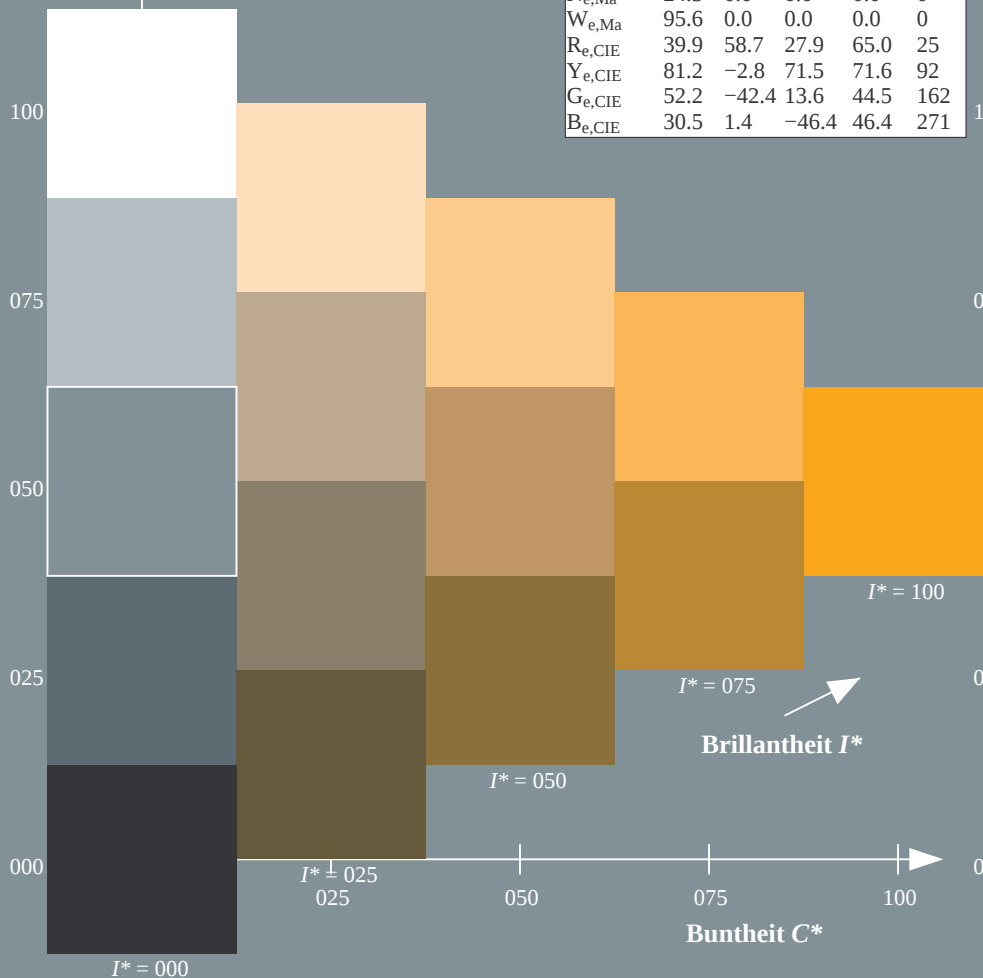
$u^*_{rel} = 92$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

| ORS20a; adaptierte CIELAB-Daten |             |         |         |              |              |
|---------------------------------|-------------|---------|---------|--------------|--------------|
| $H^*_e$                         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R00Y_100_100_e                  | 45.6        | 72.2    | 34.4    | 80.0         | 25           |
| R25Y_100_100_e                  | 50.5        | 59.2    | 51.6    | 78.6         | 41           |
| R50Y_100_100_e                  | 60.2        | 38.2    | 63.4    | 74.1         | 58           |
| R75Y_100_100_e                  | 70.9        | 17.9    | 75.9    | 77.9         | 76           |
| Y00G_100_100_e                  | 83.6        | -3.6    | 90.4    | 90.4         | 92           |
| Y25G_100_100_e                  | 74.5        | -25.0   | 74.3    | 78.4         | 108          |
| Y50G_100_100_e                  | 62.6        | -40.9   | 53.8    | 67.6         | 127          |
| Y75G_100_100_e                  | 54.1        | -55.5   | 37.5    | 67.0         | 145          |
| G00B_100_100_e                  | 50.6        | -62.1   | 19.9    | 65.2         | 162          |
| G25B_100_100_e                  | 53.0        | -48.6   | -8.2    | 49.2         | 189          |
| G50B_100_100_e                  | 55.0        | -36.2   | -27.2   | 45.3         | 216          |
| G75B_100_100_e                  | 53.3        | -19.8   | -41.3   | 45.9         | 244          |
| B00R_100_100_e                  | 40.2        | 1.2     | -40.6   | 40.6         | 271          |
| B25R_100_100_e                  | 28.1        | 23.4    | -40.3   | 46.7         | 300          |
| B50R_100_100_e                  | 31.1        | 47.7    | -29.1   | 55.9         | 328          |
| B75R_100_100_e                  | 41.4        | 70.4    | -9.8    | 71.1         | 352          |



Ein- und Ausgabe: Offset-Reflektiv-System ORS18a für relativen CIELAB-Buntton  $h_{ab,a,rel} = h_{ab}/360 = 76/360 = 0.21$

$H^*_e = R75Y_e$

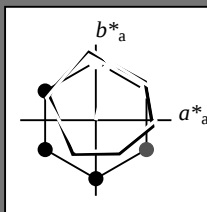
Daten für jede Geräte- (d) oder  
Elementarfarbe (e):

$HIC^*_e$

Bunttontext für die Farben  
dieser Seite:

$H^*_e = R75Y_e$

Dreiecks-Helligkeit  $T^*$



| ORS20a; adaptierte CIELAB-Daten |             |         |         |              |              |
|---------------------------------|-------------|---------|---------|--------------|--------------|
| Name                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $R_{e,Ma}$                      | 45.6        | 72.2    | 34.4    | 80.0         | 25           |
| $Y_{e,Ma}$                      | 83.6        | -3.6    | 90.4    | 90.4         | 92           |
| $G_{e,Ma}$                      | 50.6        | -62.1   | 19.9    | 65.2         | 162          |
| $C_{e,Ma}$                      | 55.0        | -36.2   | -27.2   | 45.3         | 216          |
| $B_{e,Ma}$                      | 40.2        | 1.2     | -40.6   | 40.6         | 271          |
| $M_{e,Ma}$                      | 31.1        | 47.7    | -29.1   | 55.9         | 328          |
| $N_{e,Ma}$                      | 24.3        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{e,Ma}$                      | 95.6        | 0.0     | 0.0     | 0.0          | 0            |
| $R_{e,CIE}$                     | 39.9        | 58.7    | 27.9    | 65.0         | 25           |
| $Y_{e,CIE}$                     | 81.2        | -2.8    | 71.5    | 71.6         | 92           |
| $G_{e,CIE}$                     | 52.2        | -42.4   | 13.6    | 44.5         | 162          |
| $B_{e,CIE}$                     | 30.5        | 1.4     | -46.4   | 46.4         | 271          |

Daten für Maximalfarbe (Ma):

$LabCh^*_{e,Ma}$ : 70 17 75 77 76

$HIC^*_{e,Ma}$ : R75Y\_100\_100\_e

$rgbic^*_{e,Ma}$ :

1.0 0.6 0.0 1.0 1.0

Dreiecks-Helligkeit  $T^*$

%Umfang

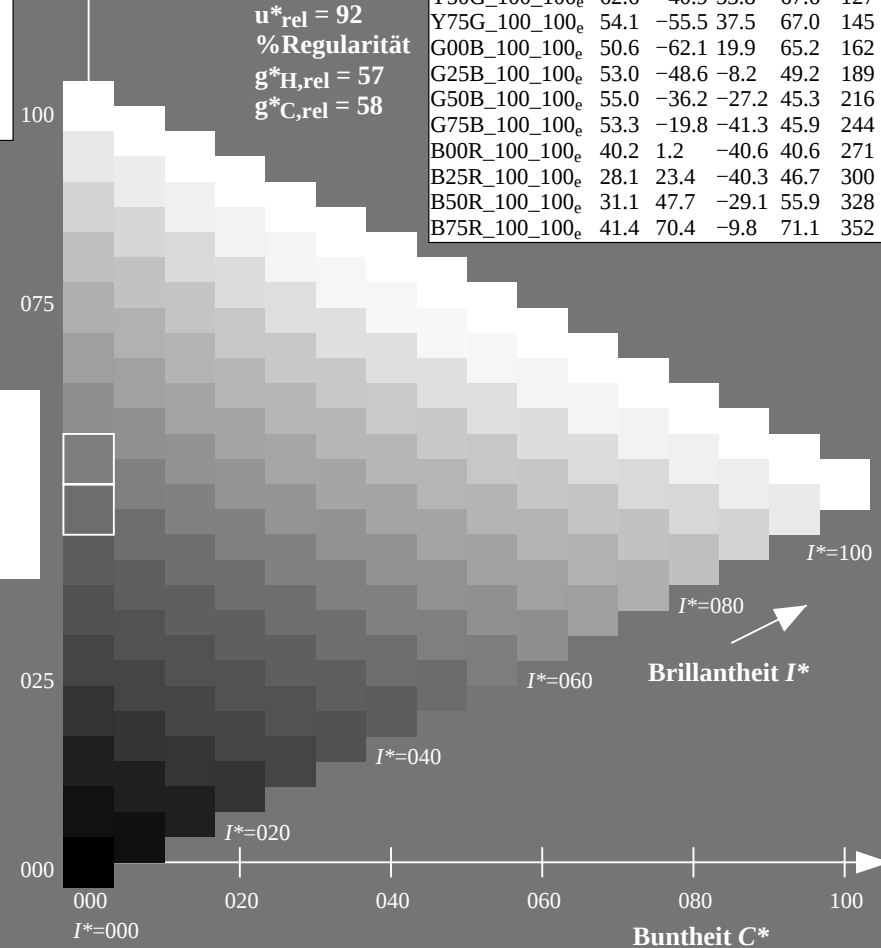
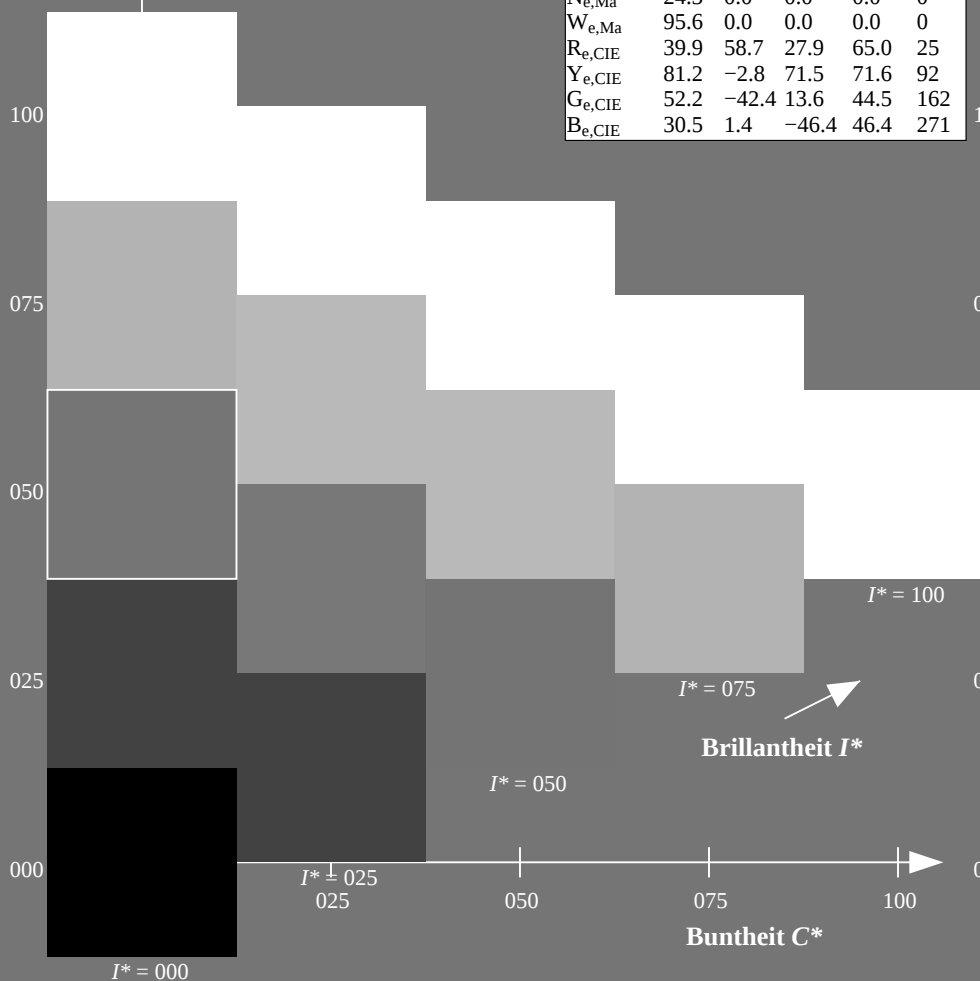
$u^*_{rel} = 92$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

| ORS20a; adaptierte CIELAB-Daten |             |         |         |              |              |
|---------------------------------|-------------|---------|---------|--------------|--------------|
| $H^*_e$                         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $R00Y_{100_100_e}$              | 45.6        | 72.2    | 34.4    | 80.0         | 25           |
| $R25Y_{100_100_e}$              | 50.5        | 59.2    | 51.6    | 78.6         | 41           |
| $R50Y_{100_100_e}$              | 60.2        | 38.2    | 63.4    | 74.1         | 58           |
| $R75Y_{100_100_e}$              | 70.9        | 17.9    | 75.9    | 77.9         | 76           |
| $Y00G_{100_100_e}$              | 83.6        | -3.6    | 90.4    | 90.4         | 92           |
| $Y25G_{100_100_e}$              | 74.5        | -25.0   | 74.3    | 78.4         | 108          |
| $Y50G_{100_100_e}$              | 62.6        | -40.9   | 53.8    | 67.6         | 127          |
| $Y75G_{100_100_e}$              | 54.1        | -55.5   | 37.5    | 67.0         | 145          |
| $G00B_{100_100_e}$              | 50.6        | -62.1   | 19.9    | 65.2         | 162          |
| $G25B_{100_100_e}$              | 53.0        | -48.6   | -8.2    | 49.2         | 189          |
| $G50B_{100_100_e}$              | 55.0        | -36.2   | -27.2   | 45.3         | 216          |
| $G75B_{100_100_e}$              | 53.3        | -19.8   | -41.3   | 45.9         | 244          |
| $B00R_{100_100_e}$              | 40.2        | 1.2     | -40.6   | 40.6         | 271          |
| $B25R_{100_100_e}$              | 28.1        | 23.4    | -40.3   | 46.7         | 300          |
| $B50R_{100_100_e}$              | 31.1        | 47.7    | -29.1   | 55.9         | 328          |
| $B75R_{100_100_e}$              | 41.4        | 70.4    | -9.8    | 71.1         | 352          |



TUB-Prüfvorlage QG28; Bunttoncode:  $H^*_e=R75Y_e$   
Prüfvorlage nach DIN 33872, 3D=1,  $de=1$ ,  $cmY0^*$

Eingabe:  $rgb/cmyk \rightarrow rgb_{de}$   
Ausgabe: 3D-Linearisierung  $cmY0^*_{de}$

Ein- und Ausgabe: Offset-Reflektiv-System ORS18a für relativen CIELAB-Buntton  $h_{ab,a,rel} = h_{ab}/360 = 76/360 = 0.21$

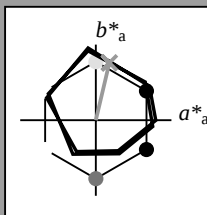
Daten für jede Geräte- (d) oder  
Elementarfarbe (e):

$HIC^*_e$

Bunttontext für die Farben  
dieser Seite:

$H^*_e = R75Y_e$

Dreiecks-Helligkeit  $T^*$



| ORS20a; adaptierte CIELAB-Daten |             |         |         |              |              |
|---------------------------------|-------------|---------|---------|--------------|--------------|
| Name                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $R_{e,Ma}$                      | 45.6        | 72.2    | 34.4    | 80.0         | 25           |
| $Y_{e,Ma}$                      | 83.6        | -3.6    | 90.4    | 90.4         | 92           |
| $G_{e,Ma}$                      | 50.6        | -62.1   | 19.9    | 65.2         | 162          |
| $C_{e,Ma}$                      | 55.0        | -36.2   | -27.2   | 45.3         | 216          |
| $B_{e,Ma}$                      | 40.2        | 1.2     | -40.6   | 40.6         | 271          |
| $M_{e,Ma}$                      | 31.1        | 47.7    | -29.1   | 55.9         | 328          |
| $N_{e,Ma}$                      | 24.3        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{e,Ma}$                      | 95.6        | 0.0     | 0.0     | 0.0          | 0            |
| $R_{e,CIE}$                     | 39.9        | 58.7    | 27.9    | 65.0         | 25           |
| $Y_{e,CIE}$                     | 81.2        | -2.8    | 71.5    | 71.6         | 92           |
| $G_{e,CIE}$                     | 52.2        | -42.4   | 13.6    | 44.5         | 162          |
| $B_{e,CIE}$                     | 30.5        | 1.4     | -46.4   | 46.4         | 271          |

Daten für Maximalfarbe (Ma):

$LabCh^*_{e,Ma}$ : 70 17 75 77 76

$HIC^*_{e,Ma}$ : R75Y\_100\_100\_e

$rgbic^*_{e,Ma}$ :

1.0 0.6 0.0 1.0 1.0

Dreiecks-Helligkeit  $T^*$

%Umfang

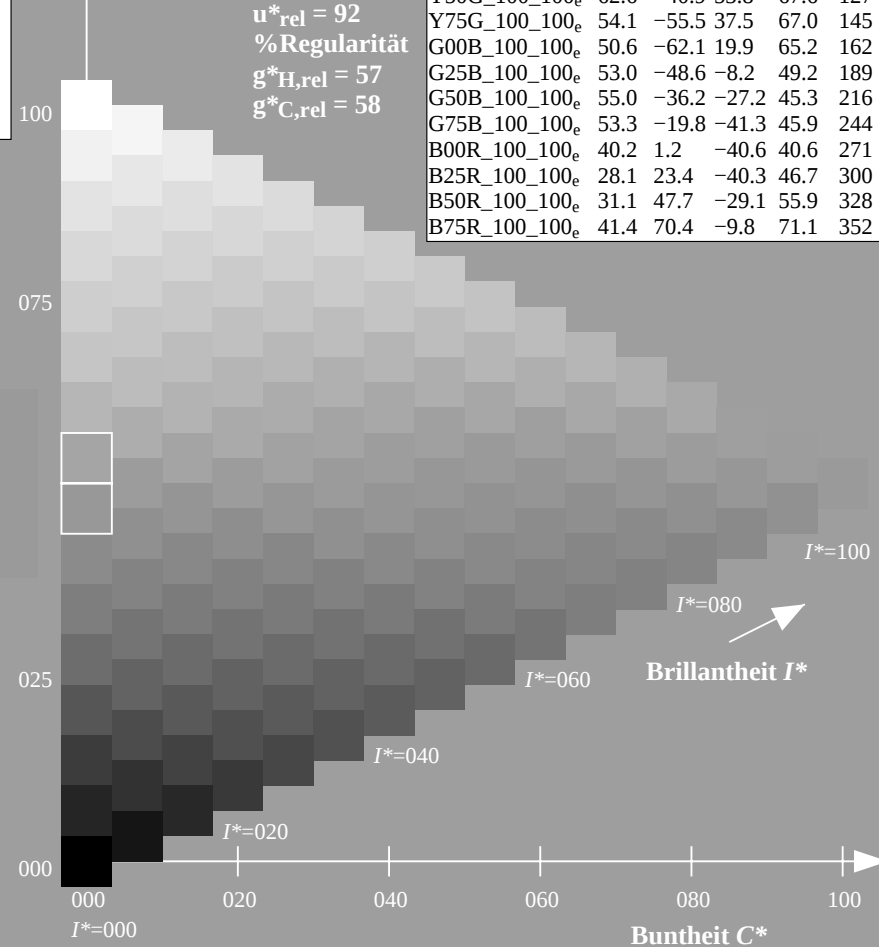
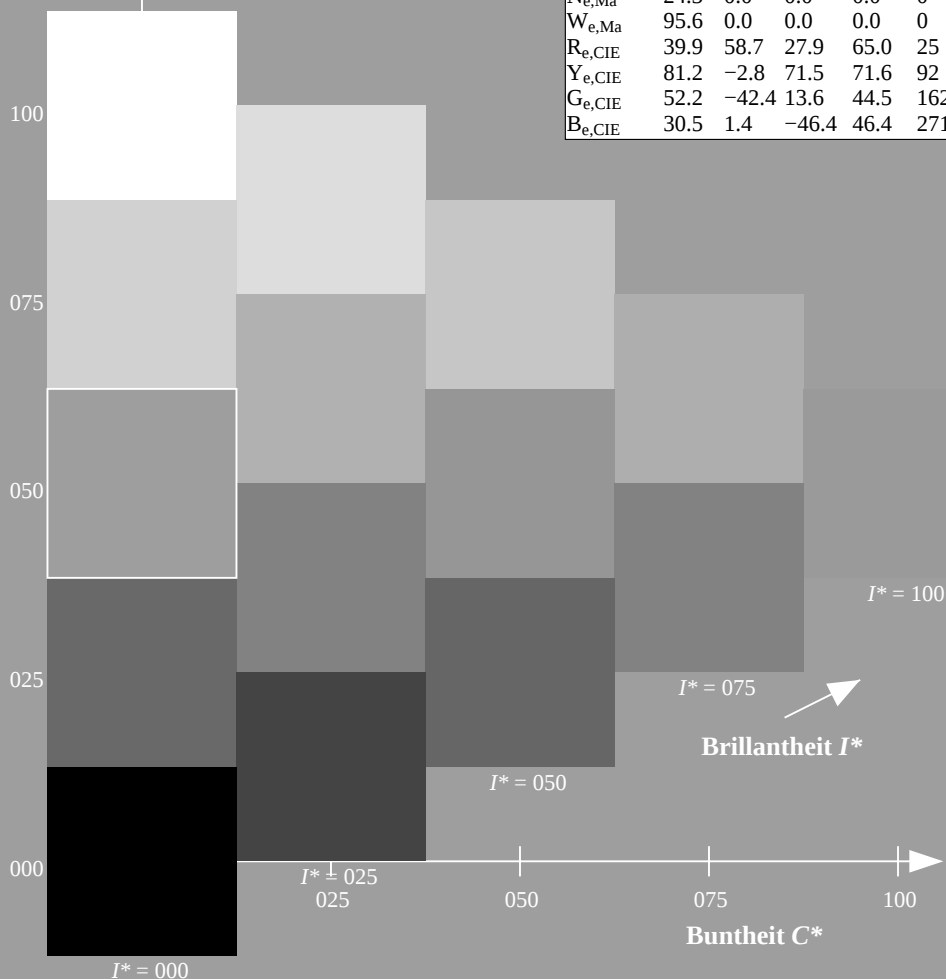
$u^*_{rel} = 92$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

| ORS20a; adaptierte CIELAB-Daten |             |         |         |              |              |
|---------------------------------|-------------|---------|---------|--------------|--------------|
| $H^*_e$                         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R00Y_100_100_e                  | 45.6        | 72.2    | 34.4    | 80.0         | 25           |
| R25Y_100_100_e                  | 50.5        | 59.2    | 51.6    | 78.6         | 41           |
| R50Y_100_100_e                  | 60.2        | 38.2    | 63.4    | 74.1         | 58           |
| R75Y_100_100_e                  | 70.9        | 17.9    | 75.9    | 77.9         | 76           |
| Y00G_100_100_e                  | 83.6        | -3.6    | 90.4    | 90.4         | 92           |
| Y25G_100_100_e                  | 74.5        | -25.0   | 74.3    | 78.4         | 108          |
| Y50G_100_100_e                  | 62.6        | -40.9   | 53.8    | 67.6         | 127          |
| Y75G_100_100_e                  | 54.1        | -55.5   | 37.5    | 67.0         | 145          |
| G00B_100_100_e                  | 50.6        | -62.1   | 19.9    | 65.2         | 162          |
| G25B_100_100_e                  | 53.0        | -48.6   | -8.2    | 49.2         | 189          |
| G50B_100_100_e                  | 55.0        | -36.2   | -27.2   | 45.3         | 216          |
| G75B_100_100_e                  | 53.3        | -19.8   | -41.3   | 45.9         | 244          |
| B00R_100_100_e                  | 40.2        | 1.2     | -40.6   | 40.6         | 271          |
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| B50R_100_100_e                  | 31.1        | 47.7    | -29.1   | 55.9         | 328          |
| B75R_100_100_e                  | 41.4        | 70.4    | -9.8    | 71.1         | 352          |



TUB-Prüfvorlage QG28; Bunttoncode:  $H^*_e=R75Y_e$   
Prüfvorlage nach DIN 33872, 3D=1,  $de=1$ ,  $cmY0^*$

Eingabe:  $rgb/cmyk \rightarrow rgb_{de}$   
Ausgabe: 3D-Linearisierung  $cmY0^*_{de}$

Ein- und Ausgabe: Offset-Reflektiv-System ORS18a für relativen CIELAB-Buntton  $h_{ab,a,rel} = h_{ab}/360 = 76/360 = 0.21$

$H^*_e = R75Y_e$

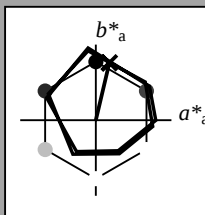
Daten für jede Geräte- (d) oder  
Elementarfarbe (e):

$HIC^*_e$

Bunttontext für die Farben  
dieser Seite:

$H^*_e = R75Y_e$

Dreiecks-Helligkeit  $T^*$



| ORS20a; adaptierte CIELAB-Daten |             |         |         |              |              |
|---------------------------------|-------------|---------|---------|--------------|--------------|
| Name                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $R_{e,Ma}$                      | 45.6        | 72.2    | 34.4    | 80.0         | 25           |
| $Y_{e,Ma}$                      | 83.6        | -3.6    | 90.4    | 90.4         | 92           |
| $G_{e,Ma}$                      | 50.6        | -62.1   | 19.9    | 65.2         | 162          |
| $C_{e,Ma}$                      | 55.0        | -36.2   | -27.2   | 45.3         | 216          |
| $B_{e,Ma}$                      | 40.2        | 1.2     | -40.6   | 40.6         | 271          |
| $M_{e,Ma}$                      | 31.1        | 47.7    | -29.1   | 55.9         | 328          |
| $N_{e,Ma}$                      | 24.3        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{e,Ma}$                      | 95.6        | 0.0     | 0.0     | 0.0          | 0            |
| $R_{e,CIE}$                     | 39.9        | 58.7    | 27.9    | 65.0         | 25           |
| $Y_{e,CIE}$                     | 81.2        | -2.8    | 71.5    | 71.6         | 92           |
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| $B_{e,CIE}$                     | 30.5        | 1.4     | -46.4   | 46.4         | 271          |

Daten für Maximalfarbe (Ma):

$LabCh^*_{e,Ma}$ : 70 17 75 77 76

$HIC^*_{e,Ma}$ : R75Y\_100\_100\_e

$rgbic^*_{e,Ma}$ :

1.0 0.6 0.0 1.0 1.0

Dreiecks-Helligkeit  $T^*$

%Umfang

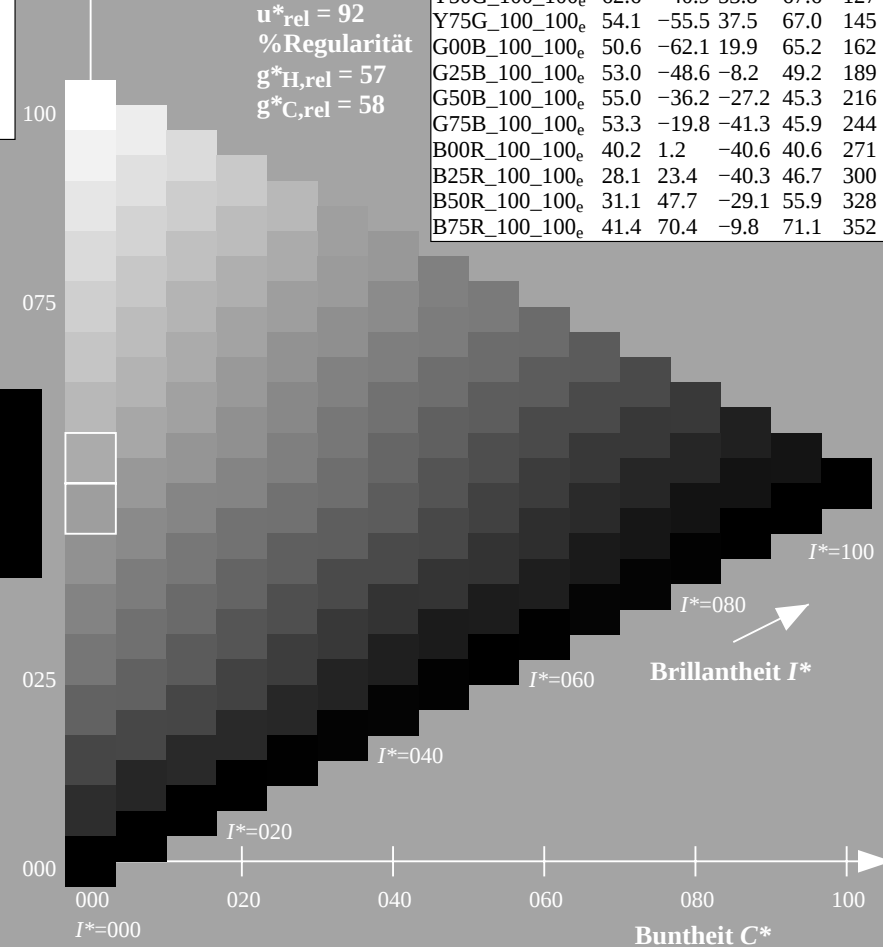
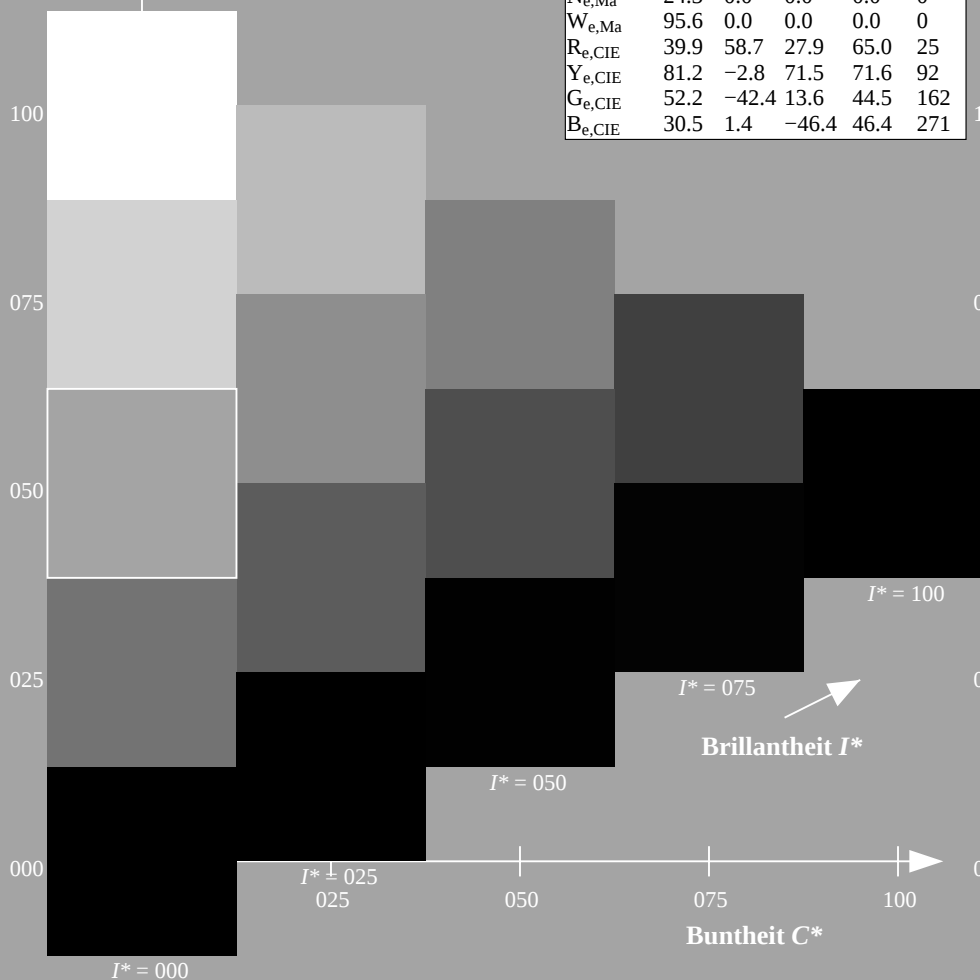
$u^*_{rel} = 92$

%Regularität

$g^*_{H,rel} = 57$

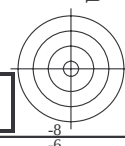
$g^*_{C,rel} = 58$

| ORS20a; adaptierte CIELAB-Daten |             |         |         |              |              |
|---------------------------------|-------------|---------|---------|--------------|--------------|
| $H^*_e$                         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R00Y_100_100_e                  | 45.6        | 72.2    | 34.4    | 80.0         | 25           |
| R25Y_100_100_e                  | 50.5        | 59.2    | 51.6    | 78.6         | 41           |
| R50Y_100_100_e                  | 60.2        | 38.2    | 63.4    | 74.1         | 58           |
| R75Y_100_100_e                  | 70.9        | 17.9    | 75.9    | 77.9         | 76           |
| Y00G_100_100_e                  | 83.6        | -3.6    | 90.4    | 90.4         | 92           |
| Y25G_100_100_e                  | 74.5        | -25.0   | 74.3    | 78.4         | 108          |
| Y50G_100_100_e                  | 62.6        | -40.9   | 53.8    | 67.6         | 127          |
| Y75G_100_100_e                  | 54.1        | -55.5   | 37.5    | 67.0         | 145          |
| G00B_100_100_e                  | 50.6        | -62.1   | 19.9    | 65.2         | 162          |
| G25B_100_100_e                  | 53.0        | -48.6   | -8.2    | 49.2         | 189          |
| G50B_100_100_e                  | 55.0        | -36.2   | -27.2   | 45.3         | 216          |
| G75B_100_100_e                  | 53.3        | -19.8   | -41.3   | 45.9         | 244          |
| B00R_100_100_e                  | 40.2        | 1.2     | -40.6   | 40.6         | 271          |
| B25R_100_100_e                  | 28.1        | 23.4    | -40.3   | 46.7         | 300          |
| B50R_100_100_e                  | 31.1        | 47.7    | -29.1   | 55.9         | 328          |
| B75R_100_100_e                  | 41.4        | 70.4    | -9.8    | 71.1         | 352          |



TUB-Prüfvorlage QG28; Bunttoncode:  $H^*_e=R75Y_e$   
Prüfvorlage nach DIN 33872, 3D=1,  $de=1$ ,  $cmY0^*$

Eingabe:  $rgb/cmyk \rightarrow rgb_{de}$   
Ausgabe: 3D-Linearisierung  $cmY0^*_{de}$



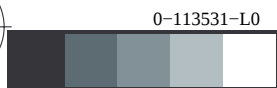
Eingabe:  $rgb/cmyk \rightarrow rgb_{de}$   
Ausgabe: 3D-Linearisierung  $cmy0^*_{de}$

<http://130.149.60.45/~farbmetrik/QG28/QG28L0FP.PDF> /.PS; 3D-Linearisierung  
F: 3D-Linearisierung QG28/QG28LG30FP.DAT in Datei (F), Seite 6/33



Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG28/QG28.HTM>  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Prüfvorlage QG28; Bunttoncode:  $H^*_e=R75Y_e$   
Prüfvorlage nach DIN 33872, 3D=1,  $de=1$ ,  $cmy0^*$



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Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmy0\*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBM<sub>s</sub>:  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Sechs Bunttonwinkel der Gerätefarben RYGBM<sub>d</sub>:  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Sechs Bunttonwinkel der Elementarfarben RYGBM<sub>e</sub>:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

J=Y<sub>d</sub> YellowGelb

$LCH^*_d = 87.8 \ 96.0 \ 96.1$   
 $LAB^*_d = 87.8 \ -10.2 \ 95.4$   
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

L=G<sub>d</sub> leaf-greenLaubgrün

$LCH^*_d = 50.0 \ 71.4 \ 155.5$   
 $LAB^*_d = 50.0 \ -65.0 \ 29.6$   
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

C=C<sub>d</sub> cyan-blueCyanblau

$LCH^*_d = 56.8 \ 48.7 \ 238.4$   
 $LAB^*_d = 56.8 \ -25.5 \ -41.5$   
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$

O=R<sub>d</sub> orange-redOrangerot

$LCH^*_d = 45.4 \ 83.9 \ 32.3$   
 $LAB^*_d = 45.4 \ 70.9 \ 44.8$   
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

M=M<sub>d</sub> magenta-redMagentarot

$LCH^*_d = 46.1 \ 79.3 \ 359.8$   
 $LAB^*_d = 46.1 \ 79.3 \ -0.2$   
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

V=B<sub>d</sub> violet-blueViolettblau

$LCH^*_d = 25.0 \ 50.0 \ 306.2$   
 $LAB^*_d = 25.0 \ 29.5 \ -40.4$   
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y<sub>e</sub> yellowGelb

$LCH^*_e = 83.6 \ 90.4 \ 92.3$   
 $LAB^*_e = 83.6 \ -3.6 \ 90.4$   
 $rgb^*_{de} = 1.0 \ 0.878 \ 0.0$

G<sub>e</sub> greenGrün

$LCH^*_e = 50.6 \ 65.2 \ 162.2$   
 $LAB^*_e = 50.6 \ -62.1 \ 19.9$   
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.151$

C<sub>e</sub> blue-greenBlaugrün

$LCH^*_e = 55.0 \ 45.3 \ 216.9$   
 $LAB^*_e = 55.0 \ -36.2 \ -27.2$   
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.747$

B<sub>e</sub> blueBlau

$LCH^*_e = 40.2 \ 40.6 \ 271.7$   
 $LAB^*_e = 40.2 \ 1.2 \ -40.6$   
 $rgb^*_{de} = 0.0 \ 0.458 \ 1.0$

R<sub>e</sub> redRot

$LCH^*_e = 45.6 \ 80.0 \ 25.4$   
 $LAB^*_e = 45.6 \ 72.2 \ 34.4$   
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.254$

M<sub>e</sub> blue-redBlaurot

$LCH^*_e = 31.1 \ 55.9 \ 328.6$   
 $LAB^*_e = 31.1 \ 47.7 \ -29.1$   
 $rgb^*_{de} = 0.321 \ 0.0 \ 1.0$

Y<sub>s</sub> yellowGelb

$LCH^*_s = 81.4 \ 87.9 \ 90.0$   
 $LAB^*_s = 81.4 \ 0.0 \ 87.9$   
 $rgb^*_{ds} = 1.0 \ 0.828 \ 0.0$

G<sub>s</sub> greenGrün

$LCH^*_s = 52.3 \ 68.9 \ 150.0$   
 $LAB^*_s = 52.3 \ -59.6 \ 34.4$   
 $rgb^*_{ds} = 0.062 \ 1.0 \ 0.0$

C<sub>s</sub> blue-greenBlaugrün

$LCH^*_s = 54.5 \ 45.7 \ 210.0$   
 $LAB^*_s = 54.5 \ -39.6 \ -22.8$   
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.685$

B<sub>s</sub> blueBlau

$LCH^*_s = 40.9 \ 40.6 \ 270.0$   
 $LAB^*_s = 40.9 \ 0.0 \ -40.6$   
 $rgb^*_{ds} = 0.0 \ 0.479 \ 1.0$

R<sub>s</sub> redRot

$LCH^*_s = 45.5 \ 82.4 \ 30.0$   
 $LAB^*_s = 45.5 \ 71.3 \ 41.2$   
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.096$

M<sub>s</sub> blue-redBlaurot

$LCH^*_s = 31.6 \ 56.5 \ 330.0$   
 $LAB^*_s = 31.6 \ 49.0 \ -28.2$   
 $rgb^*_{ds} = 0.337 \ 0.0 \ 1.0$

Notes to the CIELAB chroma diagramsAnmerkung zu den CIELAB-Buntheits-Diagrammen ( $a^*_d, b^*_d$ ), ( $a^*_s, b^*_s$ ), ( $a^*_e, b^*_e$ )

- For the1. Für die  $rgb^*$ -input values the CIELAB data-Eingabedaten wurden die CIELAB-Daten  $LCH^*_s$  und  $LAB^*_s$  have been calculated.
- For the calculation of the standard hue angle  $h_{ab,s}$  use for any device values  $rgb^*_s$  the equation:  
$$h_{ab,s} = \text{atan} [ r^*_d \cos(30) + g^*_d \cos(150) ] / [ r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270) ] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles 3. Für die 48 oder 360 gleichabständig gestuften Standard-Buntonwinkel  $h_{ab,s}$  of the col the seven hue angles of the 60 degree coloursdie sieben Bunttonwinkel der 60Grad-Farben s:  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$  and the equations for a 48 and 360 step hue circle: und die Gleichungen für einen 48- und 360-stufigen Buntonkreis:  
$$h_{48ab,sij} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$
  
$$h_{360ab,sij} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$
- For the 48 or 360 elementary hue angles 4. Für die 48 oder 360 Elementar-Buntonwinkel  $h_{ab,e}$  of the colours of maximum chroma die der Far the seven hue angles of the elementary coloursdie sieben Bunttonwinkel der Elementarfarben e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$  and the equations for a 48 and 360 step elementary hue circle: und die Gleichungen für einen 48- und 360-stufigen Elementar-Buntonkreis:  
$$h_{48ab,eij} = h_{ab,ei} + j [ h_{ab,ei+1} - h_{ab,ei} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$
  
$$h_{360ab,eij} = h_{ab,ei} + j [ h_{ab,ei+1} - h_{ab,ei} ] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$
- For any elementary hue angle 5. Für jeden Elementar-Buntonwinkel  $h_{ab,e}$  there is a well defined device hue angle gibt es einem genau defini see the following tables, columns 1 to 5 or 1 to 4.siehe die folgenden Tabellen, Spalten 1 bis 5 oder 1 bis 4.
- The values 6. Die Werte  $rgb^*_{de}$  produce the output of the device-independent elementary hues erzeugen die Ausgabe der geräteunabhängigen

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QG280-73

$LAB^*_{a0}, YN=0\%, XYZ_{nw}=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB^*_{nw}=24.4, 0.0, 0.0, 95.6, 0.0, 0.0$

TUB-Prüfvorlage QG28; Bunttoncode:  $H^*_e=R75Y_e$   
48-stufige Farbkreise;  $rgb-LabCh^*$ -Tabellen

Eingabe:  $rgb/cmyk \rightarrow rgb_{de}$   
Ausgabe: 3D-Linearisierung  $cmy0^*_{de}$

Ausgabe: Offset-Normdruck; Separation cmy0\*, D65, Seite 7/33

0-113631-F0

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG28/QG28L0FP.PDF> / .PS  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmy0\*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBCM<sub>s</sub>: h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;  
Sechs Bunttonwinkel der Gerätefarben RYGBCM<sub>d</sub>: h<sub>ab,d</sub> = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; Sechs Bunttonwinkel der Elementarfarben RYGBCM<sub>e</sub>: h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

| h <sub>ab,d</sub> | h <sub>ab,s</sub> | h <sub>ab,e</sub> | rgb* <sub>dd64M</sub> |       |       |      |       | LAB* <sub>ddx64M</sub> (x=LabCh) |      |       |       |       | rgb* <sub>ddx361M</sub> |      |       |       |      | LAB* <sub>ddx361M</sub> (x=LabCh) |       |       |       |      | rgb* <sub>dsx361M</sub> |       |      |     |       | LAB* <sub>dsx361M</sub> (x=LabCh) |       |      |       |       | rgb* <sub>dex361M</sub> |      |       |       |       | LAB* <sub>dex361M</sub> |       |       |      |      | rgb* <sub>dd</sub> |       |       |      |       | rgb* <sub>ds</sub> |      |      |  |  | rgb* <sub>de</sub> |  |  |  |  |
|-------------------|-------------------|-------------------|-----------------------|-------|-------|------|-------|----------------------------------|------|-------|-------|-------|-------------------------|------|-------|-------|------|-----------------------------------|-------|-------|-------|------|-------------------------|-------|------|-----|-------|-----------------------------------|-------|------|-------|-------|-------------------------|------|-------|-------|-------|-------------------------|-------|-------|------|------|--------------------|-------|-------|------|-------|--------------------|------|------|--|--|--------------------|--|--|--|--|
| 32.3              | 30.0              | 25.4              | 1.0                   | 0.0   | 0.0   | 45.4 | 70.9  | 44.8                             | 83.9 | 32.3  | 1.0   | 0.0   | 0.0                     | 45.5 | 70.9  | 44.9  | 83.9 | 32                                | 1.0   | 0.0   | 0.096 | 45.5 | 71.4                    | 41.2  | 82.4 | 30  | 1.0   | 0.0                               | 0.255 | 45.7 | 72.2  | 34.4  | 80.0                    | 25   | 1.0   | 0.0   | 0.0   | 45.4                    | 70.9  | 44.8  | 83.9 | 32.3 | 1.0                | 0.0   | 0.0   | 45.4 | 70.9  | 44.8               | 83.9 | 32.3 |  |  |                    |  |  |  |  |
| 38.1              | 37.5              | 33.8              | 1.0                   | 0.125 | 0.0   | 48.9 | 62.8  | 49.4                             | 79.9 | 38.1  | 1.0   | 0.117 | 0.0                     | 48.7 | 63.4  | 49.1  | 80.2 | 37                                | 1.0   | 0.1   | 0.0   | 48.2 | 64.5                    | 48.6  | 80.7 | 37  | 1.0   | 0.021                             | 0.0   | 46.0 | 69.6  | 45.7  | 83.3                    | 33   | 1.0   | 0.021 | 0.0   | 46.0                    | 69.6  | 45.7  | 83.3 | 33   | 1.0                | 0.021 | 0.0   | 46.0 | 69.6  | 45.7               | 83.3 | 33   |  |  |                    |  |  |  |  |
| 46.8              | 45.0              | 42.1              | 1.0                   | 0.25  | 0.0   | 53.6 | 51.9  | 55.5                             | 76.0 | 46.8  | 1.0   | 0.25  | 0.0                     | 53.7 | 52.0  | 55.5  | 76.0 | 46                                | 1.0   | 0.223 | 0.0   | 52.7 | 54.4                    | 54.4  | 76.9 | 45  | 1.0   | 0.183                             | 0.0   | 51.1 | 57.9  | 52.5  | 78.1                    | 42   | 1.0   | 0.183 | 0.0   | 51.1                    | 57.9  | 52.5  | 78.1 | 42   | 1.0                | 0.183 | 0.0   | 51.1 | 57.9  | 52.5               | 78.1 | 42   |  |  |                    |  |  |  |  |
| 56.9              | 52.5              | 50.5              | 1.0                   | 0.375 | 0.0   | 59.1 | 40.3  | 62.0                             | 74.0 | 56.9  | 1.0   | 0.367 | 0.0                     | 58.8 | 41.1  | 61.7  | 74.2 | 56                                | 1.0   | 0.313 | 0.0   | 56.5 | 46.2                    | 59.1  | 75.0 | 52  | 1.0   | 0.288                             | 0.0   | 55.4 | 48.5  | 57.8  | 75.4                    | 49   | 1.0   | 0.288 | 0.0   | 55.4                    | 48.5  | 57.8  | 75.4 | 49   | 1.0                | 0.288 | 0.0   | 55.4 | 48.5  | 57.8               | 75.4 | 49   |  |  |                    |  |  |  |  |
| 67.1              | 60.0              | 58.8              | 1.0                   | 0.5   | 0.0   | 64.9 | 28.9  | 68.6                             | 74.5 | 67.1  | 1.0   | 0.5   | 0.0                     | 64.9 | 28.9  | 68.7  | 74.5 | 67                                | 1.0   | 0.412 | 0.0   | 60.9 | 37.1                    | 64.2  | 74.2 | 60  | 1.0   | 0.398                             | 0.0   | 60.3 | 38.3  | 63.5  | 74.1                    | 58   | 1.0   | 0.398 | 0.0   | 60.3                    | 38.3  | 63.5  | 74.1 | 58   | 1.0                | 0.398 | 0.0   | 60.3 | 38.3  | 63.5               | 74.1 | 58   |  |  |                    |  |  |  |  |
| 78.6              | 67.5              | 67.2              | 1.0                   | 0.625 | 0.0   | 72.1 | 15.4  | 77.1                             | 78.6 | 78.6  | 1.0   | 0.617 | 0.0                     | 71.6 | 16.5  | 76.7  | 78.4 | 77                                | 1.0   | 0.498 | 0.0   | 64.8 | 29.1                    | 68.6  | 74.5 | 67  | 1.0   | 0.494                             | 0.0   | 64.6 | 29.5  | 68.4  | 74.5                    | 66   | 1.0   | 0.494 | 0.0   | 64.6                    | 29.5  | 68.4  | 74.5 | 66   | 1.0                | 0.494 | 0.0   | 64.6 | 29.5  | 68.4               | 74.5 | 66   |  |  |                    |  |  |  |  |
| 86.2              | 75.0              | 75.6              | 1.0                   | 0.75  | 0.0   | 77.9 | 5.4   | 83.8                             | 84.0 | 86.2  | 1.0   | 0.75  | 0.0                     | 77.9 | 5.5   | 83.9  | 84.1 | 86                                | 1.0   | 0.585 | 0.0   | 69.8 | 20.0                    | 74.7  | 77.4 | 75  | 1.0   | 0.592                             | 0.0   | 70.2 | 19.3  | 75.2  | 77.6                    | 75   | 1.0   | 0.592 | 0.0   | 70.2                    | 19.3  | 75.2  | 77.6 | 75   | 1.0                | 0.592 | 0.0   | 70.2 | 19.3  | 75.2               | 77.6 | 75   |  |  |                    |  |  |  |  |
| 92.1              | 82.5              | 83.9              | 1.0                   | 0.875 | 0.0   | 83.4 | -3.4  | 90.2                             | 90.2 | 92.1  | 1.0   | 0.867 | 0.0                     | 83.1 | -2.7  | 89.8  | 89.9 | 91                                | 1.0   | 0.68  | 0.0   | 74.7 | 11.3                    | 80.3  | 81.1 | 82  | 1.0   | 0.703                             | 0.0   | 75.8 | 9.4   | 81.5  | 82.0                    | 83   | 1.0   | 0.703 | 0.0   | 75.8                    | 9.4   | 81.5  | 82.0 | 83   | 1.0                | 0.703 | 0.0   | 75.8 | 9.4   | 81.5               | 82.0 | 83   |  |  |                    |  |  |  |  |
| 96.1              | 90.0              | 92.3              | 1.0                   | 1.0   | 0.0   | 87.8 | -10.2 | 95.4                             | 96.0 | 96.1  | 1.0   | 1.0   | 0.0                     | 87.8 | -10.1 | 95.5  | 96.0 | 96                                | 1.0   | 0.829 | 0.0   | 81.4 | 0.0                     | 88.0  | 88.0 | 90  | 1.0   | 0.879                             | 0.0   | 83.6 | -3.6  | 90.4  | 90.5                    | 92   | 1.0   | 0.879 | 0.0   | 83.6                    | -3.6  | 90.4  | 90.5 | 92   | 1.0                | 0.879 | 0.0   | 83.6 | -3.6  | 90.4               | 90.5 | 92   |  |  |                    |  |  |  |  |
| 98.8              | 97.5              | 101.0             | 0.875                 | 1.0   | 0.0   | 84.3 | -13.9 | 89.2                             | 90.3 | 98.8  | 0.883 | 1.0   | 0.0                     | 84.6 | -13.6 | 89.7  | 90.7 | 98                                | 0.959 | 1.0   | 0.0   | 86.7 | -11.4                   | 93.5  | 94.2 | 97  | 0.807 | 1.0                               | 0.0   | 82.4 | -15.8 | 86.2  | 87.7                    | 100  | 0.807 | 1.0   | 0.0   | 82.4                    | -15.8 | 86.2  | 87.7 | 100  | 0.807              | 1.0   | 0.0   | 82.4 | -15.8 | 86.2               | 87.7 | 100  |  |  |                    |  |  |  |  |
| 101.8             | 105.0             | 109.7             | 0.75                  | 1.0   | 0.0   | 80.7 | -17.5 | 83.5                             | 85.3 | 101.8 | 0.75  | 1.0   | 0.0                     | 80.8 | -17.4 | 83.6  | 85.4 | 101                               | 0.682 | 1.0   | 0.0   | 77.8 | -21.2                   | 79.4  | 82.2 | 105 | 0.583 | 1.0                               | 0.0   | 73.7 | -26.1 | 72.7  | 77.3                    | 109  | 0.583 | 1.0   | 0.0   | 73.7                    | -26.1 | 72.7  | 77.3 | 109  | 0.583              | 1.0   | 0.0   | 73.7 | -26.1 | 72.7               | 77.3 | 109  |  |  |                    |  |  |  |  |
| 107.6             | 112.5             | 118.5             | 0.625                 | 1.0   | 0.0   | 75.3 | -24.0 | 75.7                             | 79.4 | 107.6 | 0.633 | 1.0   | 0.0                     | 75.7 | -23.6 | 76.3  | 79.9 | 107                               | 0.54  | 1.0   | 0.0   | 72.1 | -28.0                   | 69.5  | 75.0 | 112 | 0.434 | 1.0                               | 0.0   | 68.0 | -32.9 | 62.2  | 70.5                    | 117  | 0.434 | 1.0   | 0.0   | 68.0                    | -32.9 | 62.2  | 70.5 | 117  | 0.434              | 1.0   | 0.0   | 68.0 | -32.9 | 62.2               | 70.5 | 117  |  |  |                    |  |  |  |  |
| 114.0             | 120.0             | 127.2             | 0.5                   | 1.0   | 0.0   | 70.6 | -29.7 | 66.5                             | 72.8 | 114.0 | 0.5   | 1.0   | 0.0                     | 70.6 | -29.6 | 66.5  | 72.8 | 114                               | 0.399 | 1.0   | 0.0   | 66.7 | -34.5                   | 59.9  | 69.2 | 120 | 0.322 | 1.0                               | 0.0   | 62.6 | -40.8 | 53.8  | 67.6                    | 127  | 0.322 | 1.0   | 0.0   | 62.6                    | -40.8 | 53.8  | 67.6 | 127  | 0.322              | 1.0   | 0.0   | 62.6 | -40.8 | 53.8               | 67.6 | 127  |  |  |                    |  |  |  |  |
| 121.4             | 127.5             | 136.0             | 0.375                 | 1.0   | 0.0   | 65.7 | -35.6 | 58.3                             | 68.3 | 121.4 | 0.383 | 1.0   | 0.0                     | 66.1 | -35.2 | 58.9  | 68.6 | 120                               | 0.325 | 1.0   | 0.0   | 62.8 | -40.6                   | 54.0  | 67.6 | 127 | 0.249 | 1.0                               | 0.0   | 58.4 | -47.4 | 46.8  | 66.6                    | 135  | 0.249 | 1.0   | 0.0   | 58.4                    | -47.4 | 46.8  | 66.6 | 135  | 0.249              | 1.0   | 0.0   | 58.4 | -47.4 | 46.8               | 66.6 | 135  |  |  |                    |  |  |  |  |
| 135.3             | 135.0             | 144.7             | 0.25                  | 1.0   | 0.0   | 58.4 | -47.3 | 46.8                             | 66.6 | 135.3 | 0.25  | 1.0   | 0.0                     | 58.4 | -47.3 | 46.9  | 66.6 | 135                               | 0.253 | 1.0   | 0.0   | 58.6 | -47.0                   | 47.1  | 66.7 | 135 | 0.122 | 1.0                               | 0.0   | 54.6 | -54.2 | 38.4  | 66.5                    | 144  | 0.122 | 1.0   | 0.0   | 54.6                    | -54.2 | 38.4  | 66.5 | 144  | 0.122              | 1.0   | 0.0   | 54.6 | -54.2 | 38.4               | 66.5 | 144  |  |  |                    |  |  |  |  |
| 144.4             | 142.5             | 153.4             | 0.125                 | 1.0   | 0.0   | 54.7 | -53.9 | 38.5                             | 66.3 | 144.4 | 0.133 | 1.0   | 0.0                     | 55.0 | -53.5 | 39.2  | 66.4 | 143                               | 0.159 | 1.0   | 0.0   | 55.7 | -52.3                   | 40.9  | 66.4 | 142 | 0.03  | 1.0                               | 0.0   | 51.2 | -62.4 | 32.0  | 70.2                    | 152  | 0.03  | 1.0   | 0.0   | 51.2                    | -62.4 | 32.0  | 70.2 | 152  | 0.03               | 1.0   | 0.0   | 51.2 | -62.4 | 32.0               | 70.2 | 152  |  |  |                    |  |  |  |  |
| 155.5             | 150.0             | 162.2             | 0.0                   | 1.0   | 0.0   | 50.0 | -65.0 | 29.6                             | 71.4 | 155.5 | 0.0   | 1.0   | 0.0                     | 50.1 | -64.9 | 29.6  | 71.4 | 155                               | 0.062 | 1.0   | 0.0   | 52.4 | -59.6                   | 34.5  | 68.9 | 150 | 0.0   | 1.0                               | 0.151 | 50.7 | -62.0 | 19.9  | 65.2                    | 162  | 0.0   | 1.0   | 0.151 | 50.7                    | -62.0 | 19.9  | 65.2 | 162  | 0.0                | 1.0   | 0.151 | 50.7 | -62.0 | 19.9               | 65.2 | 162  |  |  |                    |  |  |  |  |
| 160.7             | 157.5             | 169.0             | 0.0                   | 1.0   | 0.125 | 50.5 | -62.8 | 21.9                             | 66.5 | 160.7 | 0.0   | 1.0   | 0.117                   | 50.5 | -62.9 | 22.4  | 66.9 | 160                               | 0.0   | 1.0   | 0.035 | 50.2 | -64.4                   | 27.4  | 70.0 | 157 | 0.0   | 1.0                               | 0.261 | 51.3 | -58.5 | 11.8  | 59.8                    | 168  | 0.0   | 1.0   | 0.261 | 51.3                    | -58.5 | 11.8  | 59.8 | 168  | 0.0                | 1.0   | 0.261 | 51.3 | -58.5 | 11.8               | 59.8 | 168  |  |  |                    |  |  |  |  |
| 167.7             | 165.0             | 175.9             | 0.0                   | 1.0   | 0.25  | 51.2 | -58.9 | 12.7                             | 60.3 | 167.7 | 0.0   | 1.0   | 0.25                    | 51.2 | -58.8 | 12.7  | 60.3 | 167                               | 0.0   | 1.0   | 0.2   | 51.0 | -60.5                   | 16.2  | 62.8 | 165 | 0.0   | 1.0                               | 0.364 | 52.0 | -55.0 | 3.9   | 55.2                    | 175  | 0.0   | 1.0   | 0.364 | 52.0                    | -55.0 | 3.9   | 55.2 | 175  | 0.0                | 1.0   | 0.364 | 52.0 | -55.0 | 3.9                | 55.2 | 175  |  |  |                    |  |  |  |  |
| 176.7             | 172.5             | 182.7             | 0.0                   | 1.0   | 0.375 | 52.0 | -54.5 | 3.1                              | 54.6 | 176.7 | 0.0   | 1.0   | 0.367                   | 52.0 | -54.8 | 3.7   | 55.1 | 176                               | 0.0   | 1.0   | 0.309 | 51.6 | -57.0                   | 8.0   | 57.7 | 172 | 0.0   | 1.0                               | 0.43  | 52.5 | -52.2 | -2.0  | 52.3                    | 182  | 0.0   | 1.0   | 0.43  | 52.5                    | -52.2 | -2.0  | 52.3 | 182  | 0.0                | 1.0   | 0.43  | 52.5 | -52.2 | -2.0               | 52.3 | 182  |  |  |                    |  |  |  |  |
| 189.3             | 180.0             | 189.6             | 0.0                   | 1.0   | 0.5   | 52.9 | -48.6 | -8.0                             | 49.3 | 189.3 | 0.0   | 1.0   | 0.5                     | 53.0 | -48.6 | -7.9  | 49.3 | 189                               | 0.0   | 1.0   | 0.407 | 52.3 | -53.2                   | 0.0   | 53.3 | 180 | 0.0   | 1.0                               | 0.502 | 53.0 | -48.5 | -8.1  | 49.3                    | 189  | 0.0   | 1.0   | 0.502 | 53.0                    | -48.5 | -8.1  | 49.3 | 189  | 0.0                | 1.0   | 0.502 | 53.0 | -48.5 | -8.1               | 49.3 | 189  |  |  |                    |  |  |  |  |
| 203.2             | 187.5             | 196.4             | 0.0                   | 1.0   | 0.625 | 54.0 | -42.3 | -18.1                            | 46.1 | 203.2 | 0.0   | 1.0   | 0.617                   | 54.0 | -42.8 | -17.5 | 46.3 | 202                               | 0.0   | 1.0   | 0.477 | 52.8 | -49.9                   | -6.0  | 50.3 | 187 | 0.0   | 1.0                               | 0.56  | 53.5 | -45.9 | -13.1 | 47.8                    | 195  | 0.0   | 1.0   | 0.56  | 53.5                    | -45.9 | -13.1 | 47.8 | 195  | 0.0                | 1.0   | 0.56  | 53.5 | -45.9 | -13.1              | 47.8 | 195  |  |  |                    |  |  |  |  |
| 217.2             | 195.0             | 203.2             | 0.0                   | 1.0   | 0.75  | 55.0 | -36.0 | -27.4                            | 45.3 | 217.2 | 0.0   | 1.0   | 0.75                    | 55.0 | -35.9 | -27.3 | 45.3 | 217                               | 0.0   | 1.0   | 0.551 | 53.4 | -46.3                   | -12.3 | 48.0 | 195 | 0.0   | 1.0                               | 0.626 | 54.1 | -42.3 | -18.1 | 46.1                    | 2032 |       |       |       |                         |       |       |      |      |                    |       |       |      |       |                    |      |      |  |  |                    |  |  |  |  |

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmy0\*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBM<sub>s</sub>: h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;  
Sechs Bunttonwinkel der Gerätefarben RYGBM<sub>d</sub>: h<sub>ab,d</sub> = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; Sechs Bunttonwinkel der Elementarfarben RYGBM<sub>e</sub>: h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

| h <sub>ab,d</sub> h <sub>ab,s</sub> h <sub>ab,e</sub> |       |       | rgb* <sub>dd64M</sub> |       |       | LAB* <sub>ddx64M</sub> (x=LabCh) |       |       |      |       |       |  |  | rgb* <sub>dex361M</sub> |       |       | LAB* <sub>dex361M</sub> |       |       |      | rgb* <sub>dd</sub> rgb* <sub>ds</sub> rgb* <sub>de</sub> |  |  |  |
|-------------------------------------------------------|-------|-------|-----------------------|-------|-------|----------------------------------|-------|-------|------|-------|-------|--|--|-------------------------|-------|-------|-------------------------|-------|-------|------|----------------------------------------------------------|--|--|--|
| 32.3                                                  | 30.0  | 25.4  | 1.0                   | 0.0   | 0.0   | 45.4                             | 70.9  | 44.8  | 83.9 | 32.3  | 32.3  |  |  | 1.0                     | 0.0   | 0.255 | 45.7                    | 72.2  | 34.4  | 80.0 | 25                                                       |  |  |  |
| 38.1                                                  | 37.5  | 33.8  | 1.0                   | 0.125 | 0.0   | 48.9                             | 62.8  | 49.4  | 79.9 | 38.1  | 38.1  |  |  | 1.0                     | 0.021 | 0.0   | 46.0                    | 69.6  | 45.7  | 83.3 | 33                                                       |  |  |  |
| 46.8                                                  | 45.0  | 42.1  | 1.0                   | 0.25  | 0.0   | 53.6                             | 51.9  | 55.5  | 76.0 | 46.8  | 46.8  |  |  | 1.0                     | 0.183 | 0.0   | 51.1                    | 57.9  | 52.5  | 78.1 | 42                                                       |  |  |  |
| 56.9                                                  | 52.5  | 50.5  | 1.0                   | 0.375 | 0.0   | 59.1                             | 40.3  | 62.0  | 74.0 | 56.9  | 56.9  |  |  | 1.0                     | 0.288 | 0.0   | 55.4                    | 48.5  | 57.8  | 75.4 | 49                                                       |  |  |  |
| 67.1                                                  | 60.0  | 58.8  | 1.0                   | 0.5   | 0.0   | 64.9                             | 28.9  | 68.6  | 74.5 | 67.1  | 67.1  |  |  | 1.0                     | 0.398 | 0.0   | 60.3                    | 38.3  | 63.5  | 74.1 | 58                                                       |  |  |  |
| 78.6                                                  | 67.5  | 67.2  | 1.0                   | 0.625 | 0.0   | 72.1                             | 15.4  | 77.1  | 78.6 | 78.6  | 78.6  |  |  | 1.0                     | 0.494 | 0.0   | 64.6                    | 29.5  | 68.4  | 74.5 | 66                                                       |  |  |  |
| 86.2                                                  | 75.0  | 75.6  | 1.0                   | 0.75  | 0.0   | 77.9                             | 5.4   | 83.8  | 84.0 | 86.2  | 86.2  |  |  | 1.0                     | 0.592 | 0.0   | 70.2                    | 19.3  | 75.2  | 77.6 | 75                                                       |  |  |  |
| 92.1                                                  | 82.5  | 83.9  | 1.0                   | 0.875 | 0.0   | 83.4                             | -3.4  | 90.2  | 90.2 | 92.1  | 92.1  |  |  | 1.0                     | 0.703 | 0.0   | 75.8                    | 9.4   | 81.5  | 82.0 | 83                                                       |  |  |  |
| 96.1                                                  | 90.0  | 92.3  | 1.0                   | 1.0   | 0.0   | 87.8                             | -10.2 | 95.4  | 96.0 | 96.1  | 96.1  |  |  | 1.0                     | 0.879 | 0.0   | 83.6                    | -3.6  | 90.4  | 90.5 | 92                                                       |  |  |  |
| 98.8                                                  | 97.5  | 101.0 | 0.875                 | 1.0   | 0.0   | 84.3                             | -13.9 | 89.2  | 90.3 | 98.8  | 98.8  |  |  | 0.807                   | 1.0   | 0.0   | 82.4                    | -15.8 | 86.2  | 87.7 | 100                                                      |  |  |  |
| 101.8                                                 | 105.0 | 109.7 | 0.75                  | 1.0   | 0.0   | 80.7                             | -17.5 | 83.5  | 85.3 | 101.8 | 101.8 |  |  | 0.583                   | 1.0   | 0.0   | 73.7                    | -26.1 | 72.7  | 77.3 | 109                                                      |  |  |  |
| 107.6                                                 | 112.5 | 118.5 | 0.625                 | 1.0   | 0.0   | 75.3                             | -24.0 | 75.7  | 79.4 | 107.6 | 107.6 |  |  | 0.434                   | 1.0   | 0.0   | 68.0                    | -32.9 | 62.2  | 70.5 | 117                                                      |  |  |  |
| 114.0                                                 | 120.0 | 127.2 | 0.5                   | 1.0   | 0.0   | 70.6                             | -29.7 | 66.5  | 72.8 | 114.0 | 114.0 |  |  | 0.322                   | 1.0   | 0.0   | 62.6                    | -40.8 | 53.8  | 67.6 | 127                                                      |  |  |  |
| 121.4                                                 | 127.5 | 136.0 | 0.375                 | 1.0   | 0.0   | 65.7                             | -35.6 | 58.3  | 68.3 | 121.4 | 121.4 |  |  | 0.249                   | 1.0   | 0.0   | 58.4                    | -47.4 | 46.8  | 66.6 | 135                                                      |  |  |  |
| 135.3                                                 | 135.0 | 144.7 | 0.25                  | 1.0   | 0.0   | 58.4                             | -47.3 | 46.8  | 66.6 | 135.3 | 135.3 |  |  | 0.122                   | 1.0   | 0.0   | 54.6                    | -54.2 | 38.4  | 66.5 | 144                                                      |  |  |  |
| 144.4                                                 | 142.5 | 153.4 | 0.125                 | 1.0   | 0.0   | 54.7                             | -53.9 | 38.5  | 66.3 | 144.4 | 144.4 |  |  | 0.03                    | 1.0   | 0.0   | 51.2                    | -62.4 | 32.0  | 70.2 | 152                                                      |  |  |  |
| 155.5                                                 | 150.0 | 162.2 | 0.0                   | 1.0   | 0.0   | 50.0                             | -65.0 | 29.6  | 71.4 | 155.5 | 155.5 |  |  | 0.0                     | 1.0   | 0.151 | 50.7                    | -62.0 | 19.9  | 65.2 | 162                                                      |  |  |  |
| 160.7                                                 | 157.5 | 169.0 | 0.0                   | 1.0   | 0.125 | 50.5                             | -62.8 | 21.9  | 66.5 | 160.7 | 160.7 |  |  | 0.0                     | 1.0   | 0.261 | 51.3                    | -58.5 | 11.8  | 59.8 | 168                                                      |  |  |  |
| 167.7                                                 | 165.0 | 175.9 | 0.0                   | 1.0   | 0.25  | 51.2                             | -58.9 | 12.7  | 60.3 | 167.7 | 167.7 |  |  | 0.0                     | 1.0   | 0.364 | 52.0                    | -55.0 | 3.9   | 55.2 | 175                                                      |  |  |  |
| 176.7                                                 | 172.5 | 182.7 | 0.0                   | 1.0   | 0.375 | 52.0                             | -54.5 | 3.1   | 54.6 | 176.7 | 176.7 |  |  | 0.0                     | 1.0   | 0.43  | 52.5                    | -52.2 | -2.0  | 52.3 | 182                                                      |  |  |  |
| 189.3                                                 | 180.0 | 189.6 | 0.0                   | 1.0   | 0.5   | 52.9                             | -48.6 | -8.0  | 49.3 | 189.3 | 189.3 |  |  | 0.0                     | 1.0   | 0.502 | 53.0                    | -48.5 | -8.1  | 49.3 | 189                                                      |  |  |  |
| 203.2                                                 | 187.5 | 196.4 | 0.0                   | 1.0   | 0.625 | 54.0                             | -42.3 | -18.1 | 46.1 | 203.2 | 203.2 |  |  | 0.0                     | 1.0   | 0.56  | 53.5                    | -45.9 | -13.1 | 47.8 | 195                                                      |  |  |  |
| 217.2                                                 | 195.0 | 203.2 | 0.0                   | 1.0   | 0.75  | 55.0                             | -36.0 | -27.4 | 45.3 | 217.2 | 217.2 |  |  | 0.0                     | 1.0   | 0.626 | 54.1                    | -42.3 | -18.1 | 46.1 | 203                                                      |  |  |  |
| 228.3                                                 | 202.5 | 210.1 | 0.0                   | 1.0   | 0.875 | 55.8                             | -30.7 | -34.5 | 46.2 | 228.3 | 228.3 |  |  | 0.0                     | 1.0   | 0.682 | 54.5                    | -39.6 | -22.6 | 45.7 | 209                                                      |  |  |  |
| 238.4                                                 | 210.0 | 216.9 | 0.0                   | 1.0   | 1.0   | 56.8                             | -25.5 | -41.5 | 48.7 | 238.4 | 238.4 |  |  | 0.0                     | 1.0   | 0.747 | 55.0                    | -36.1 | -27.2 | 45.3 | 216                                                      |  |  |  |
| 242.9                                                 | 217.5 | 223.8 | 0.0                   | 0.875 | 1.0   | 54.1                             | -21.1 | -41.3 | 46.4 | 242.9 | 242.9 |  |  | 0.0                     | 1.0   | 0.819 | 55.5                    | -33.2 | -31.3 | 45.8 | 223                                                      |  |  |  |
| 249.3                                                 | 225.0 | 230.6 | 0.0                   | 0.75  | 1.0   | 50.4                             | -15.5 | -41.1 | 43.9 | 249.3 | 249.3 |  |  | 0.0                     | 1.0   | 0.904 | 56.1                    | -29.6 | -36.1 | 46.8 | 230                                                      |  |  |  |
| 256.9                                                 | 232.5 | 237.5 | 0.0                   | 0.625 | 1.0   | 46.5                             | -9.4  | -40.8 | 41.9 | 256.9 | 256.9 |  |  | 0.0                     | 1.0   | 0.983 | 56.7                    | -26.2 | -40.5 | 48.4 | 237                                                      |  |  |  |
| 268.2                                                 | 240.0 | 244.3 | 0.0                   | 0.5   | 1.0   | 41.7                             | -1.2  | -40.6 | 40.6 | 268.2 | 268.2 |  |  | 0.0                     | 0.847 | 1.0   | 53.3                    | -19.8 | -41.3 | 45.9 | 244                                                      |  |  |  |
| 278.6                                                 | 247.5 | 251.2 | 0.0                   | 0.375 | 1.0   | 37.3                             | 6.1   | -40.2 | 40.7 | 278.6 | 278.6 |  |  | 0.0                     | 0.726 | 1.0   | 49.7                    | -14.3 | -41.1 | 43.6 | 250                                                      |  |  |  |
| 289.6                                                 | 255.0 | 258.0 | 0.0                   | 0.25  | 1.0   | 32.8                             | 14.3  | -40.2 | 42.7 | 289.6 | 289.6 |  |  | 0.0                     | 0.613 | 1.0   | 46.1                    | -8.6  | -40.8 | 41.9 | 258                                                      |  |  |  |
| 299.0                                                 | 262.5 | 264.8 | 0.0                   | 0.125 | 1.0   | 28.6                             | 22.4  | -40.2 | 46.1 | 299.0 | 299.0 |  |  | 0.0                     | 0.542 | 1.0   | 43.4                    | -3.9  | -40.8 | 41.1 | 264                                                      |  |  |  |
| 306.2                                                 | 270.0 | 271.7 | 0.0                   | 0.0   | 1.0   | 25.0                             | 29.5  | -40.4 | 50.0 | 306.2 | 306.2 |  |  | 0.0                     | 0.458 | 1.0   | 40.3                    | 1.2   | -40.6 | 40.7 | 271                                                      |  |  |  |
| 314.7                                                 | 277.5 | 278.8 | 0.125                 | 0.0   | 1.0   | 27.9                             | 36.0  | -36.4 | 51.2 | 314.7 | 314.7 |  |  | 0.0                     | 0.378 | 1.0   | 37.5                    | 5.9   | -40.2 | 40.7 | 278                                                      |  |  |  |
| 322.1                                                 | 285.0 | 285.9 | 0.25                  | 0.0   | 1.0   | 28.8                             | 41.9  | -32.5 | 53.1 | 322.1 | 322.1 |  |  | 0.0                     | 0.292 | 1.0   | 34.4                    | 11.6  | -40.3 | 42.0 | 285                                                      |  |  |  |
| 333.3                                                 | 292.5 | 293.0 | 0.375                 | 0.0   | 1.0   | 32.7                             | 51.8  | -26.0 | 58.0 | 333.3 | 333.3 |  |  | 0.0                     | 0.211 | 1.0   | 31.5                    | 16.8  | -40.3 | 43.8 | 292                                                      |  |  |  |
| 340.5                                                 | 300.0 | 300.1 | 0.5                   | 0.0   | 1.0   | 35.6                             | 58.6  | -20.7 | 62.1 | 340.5 | 340.5 |  |  | 0.0                     | 0.106 | 1.0   | 28.1                    | 23.5  | -40.3 | 46.7 | 300                                                      |  |  |  |
| 347.9                                                 | 307.5 | 307.2 | 0.625                 | 0.0   | 1.0   | 38.1                             | 65.4  | -14.0 | 66.9 | 347.9 | 347.9 |  |  | 0.009                   | 0.0   | 1.0   | 25.3                    | 30.1  | -40.1 | 50.2 | 306                                                      |  |  |  |
| 352.5                                                 | 315.0 | 314.3 | 0.75                  | 0.0   | 1.0   | 41.8                             | 71.0  | -9.2  | 71.6 | 352.5 | 352.5 |  |  | 0.12                    | 0.0   | 1.0   | 27.8                    | 35.8  | -36.5 | 51.2 | 314                                                      |  |  |  |
| 356.1                                                 | 322.5 | 321.4 | 0.875                 | 0.0   | 1.0   | 44.2                             | 75.2  | -5.0  | 75.3 | 356.1 | 356.1 |  |  | 0.231                   | 0.0   | 1.0   | 28.7                    | 41.1  | -33.2 | 52.9 | 321                                                      |  |  |  |
| 359.8                                                 | 330.0 | 328.6 | 1.0                   | 0.0   | 1.0   | 46.1                             | 79.3  | -0.2  | 79.3 | 359.8 | 359.8 |  |  | 0.322                   | 0.0   | 1.0   | 31.1                    | 47.8  | -29.1 | 56.0 | 328                                                      |  |  |  |
| 363.0                                                 | 337.5 | 335.7 | 1.0                   | 0.0   | 0.875 | 45.9                             | 78.2  | 4.1   | 78.3 | 363.0 | 363.0 |  |  | 0.408                   | 0.0   | 1.0   | 33.5                    | 53.7  | -24.7 | 59.1 | 335                                                      |  |  |  |
| 366.4                                                 | 345.0 | 342.8 | 1.0                   | 0.0   | 0.75  | 45.9                             | 77.1  | 8.6   | 77.6 | 366.4 | 366.4 |  |  | 0.539                   | 0.0   | 1.0   | 36.4                    | 60.8  | -18.7 | 63.7 | 342                                                      |  |  |  |
| 371.1                                                 | 352.5 | 349.9 | 1.0                   | 0.0   | 0.625 | 46.0                             | 75.6  | 14.8  | 77.0 | 371.1 | 371.1 |  |  | 0.667                   | 0.0   | 1.0   | 39.3                    | 67.4  | -12.4 | 68.5 | 349                                                      |  |  |  |
| 375.9                                                 | 360.0 | 357.0 | 1.0                   | 0.0   | 0.5   | 45.9                             | 74.2  | 21.1  | 77.1 | 375.9 | 375.9 |  |  | 0.736                   | 0.0   | 1.0   | 41.4                    | 70.5  | -9.7  | 71.1 | 352                                                      |  |  |  |
| 381.2                                                 | 367.5 | 364.1 | 1.0                   | 0.0   | 0.375 | 45.8                             | 72.9  | 28.3  | 78.3 | 381.2 | 381.2 |  |  | 0.81                    | 0.0   | 1.0   | 46.1                    | 79.3  | -0.1  | 79.3 | 359                                                      |  |  |  |
| 385.6                                                 | 375.0 | 371.2 | 1.0                   | 0.0   | 0.25  | 45.6                             | 72.1  | 34.6  | 80.0 | 385.6 | 385.6 |  |  | 0.9                     | 0.0   | 0.687 | 46.0                    | 76.5  | 11.8  | 77.4 | 368                                                      |  |  |  |
| 389.3                                                 | 382.5 | 378.3 | 1.0                   | 0.0   | 0.125 | 45.5                             | 71.4  | 40.1  | 81.9 | 389.3 | 389.3 |  |  | 0.99                    | 0.0   | 0.485 | 45.9                    | 74.1  | 22.0  | 77.3 | 376                                                      |  |  |  |
| 392.3                                                 | 390.0 | 385.4 | 1.0                   | 0.0   | 0.0   | 45.4                             | 70.9  | 44.8  | 83.9 | 392.3 | 392.3 |  |  | 1.0                     | 0.0   | 0.255 | 45.7                    | 72.2  | 34.4  | 80.0 | 385                                                      |  |  |  |

0-113831-L0

QG280-73

LAB\*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB\*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

Ausgabe: Offset-Normdruck; Separation cmy0\*, D65, Seite 9/33

TUB-Prüfvorlage QG28; Bunttoncode: H\*e=R75Y<sub>e</sub>  
48-stufige Farbkreise; rgb-LabCh\*Tabellen

Eingabe: rgb/cmyk -> rgb<sub>de</sub>  
Ausgabe: 3D-Linearisierung cmy0\*<sub>de</sub>

TUB-Registrierung: 20130201-QG28/QG28L0FP.PDF /.PS  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmy0\* (CMY0)  
TUB-Material: Code=rha4ta

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmy0\*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBM<sub>s</sub>:  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Sechs Bunttonwinkel der Gerätefarben RYGBM<sub>d</sub>:  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Sechs Bunttonwinkel der Elementarfarben RYGBM<sub>e</sub>:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ | $LAB^*_{dd361M}(x=LabCh)$ | $R_d$ | $rgb^*_{ds361Mi}$ | $LAB^*_{ds361Mi}(x=LabCh)$ | $R_s$ | $rgb^*_{dd361Mi}$ | $LAB^*_{de361Mi}$ | $R_e$ | $rgb^*_{dd361Mi}$ | $rgb^*_{dd}$ | $rgb^*_{ds}$ | $rgb^*_{de}$ |
|------------|------------|------------|------------------|---------------------------|-------|-------------------|----------------------------|-------|-------------------|-------------------|-------|-------------------|--------------|--------------|--------------|
| 32         | 30         | 25         | 1.0              | 0.0                       | 0.0   | 45.4              | 70.9                       | 44.8  | 83.9              | 32                | 1.0   | 0.0               | 0.0          | 0.0          | 0.0          |
| 33         | 31         | 26         | 1.0              | 0.016                     | 0.0   | 45.9              | 69.8                       | 45.5  | 83.4              | 33                | 1.0   | 0.0               | 0.016        | 0.0          | 0.0          |
| 33         | 32         | 27         | 1.0              | 0.033                     | 0.0   | 46.3              | 68.8                       | 46.1  | 82.8              | 33                | 1.0   | 0.0               | 0.033        | 0.0          | 0.0          |
| 34         | 33         | 28         | 1.0              | 0.05                      | 0.0   | 46.8              | 67.7                       | 46.8  | 82.3              | 34                | 1.0   | 0.0               | 0.05         | 0.0          | 0.0          |
| 35         | 34         | 29         | 1.0              | 0.066                     | 0.0   | 47.3              | 66.6                       | 47.4  | 81.8              | 35                | 1.0   | 0.0               | 0.066        | 0.0          | 0.0          |
| 36         | 35         | 31         | 1.0              | 0.083                     | 0.0   | 47.7              | 65.5                       | 48.0  | 81.2              | 36                | 1.0   | 0.0               | 0.083        | 0.0          | 0.0          |
| 36         | 36         | 32         | 1.0              | 0.1                       | 0.0   | 48.2              | 64.4                       | 48.5  | 80.7              | 36                | 1.0   | 0.0               | 0.1          | 0.0          | 0.0          |
| 37         | 37         | 33         | 1.0              | 0.116                     | 0.0   | 48.6              | 63.3                       | 49.1  | 80.2              | 37                | 1.0   | 0.0               | 0.116        | 0.0          | 0.0          |
| 38         | 38         | 34         | 1.0              | 0.133                     | 0.0   | 49.2              | 62.1                       | 49.8  | 79.6              | 38                | 1.0   | 0.0               | 0.133        | 0.0          | 0.0          |
| 39         | 39         | 35         | 1.0              | 0.15                      | 0.0   | 49.8              | 60.7                       | 50.7  | 79.1              | 39                | 1.0   | 0.0               | 0.15         | 0.0          | 0.0          |
| 41         | 40         | 36         | 1.0              | 0.166                     | 0.0   | 50.5              | 59.2                       | 51.6  | 78.6              | 41                | 1.0   | 0.0               | 0.166        | 0.0          | 0.0          |
| 42         | 41         | 37         | 1.0              | 0.183                     | 0.0   | 51.1              | 57.8                       | 52.5  | 78.1              | 42                | 1.0   | 0.0               | 0.183        | 0.0          | 0.0          |
| 43         | 42         | 38         | 1.0              | 0.2                       | 0.0   | 51.7              | 56.3                       | 53.3  | 77.5              | 43                | 1.0   | 0.0               | 0.2          | 0.0          | 0.0          |
| 44         | 43         | 39         | 1.0              | 0.216                     | 0.0   | 52.4              | 54.9                       | 54.0  | 77.0              | 44                | 1.0   | 0.0               | 0.216        | 0.0          | 0.0          |
| 45         | 44         | 41         | 1.0              | 0.233                     | 0.0   | 53.0              | 53.4                       | 54.8  | 76.5              | 45                | 1.0   | 0.0               | 0.233        | 0.0          | 0.0          |
| 46         | 45         | 42         | 1.0              | 0.25                      | 0.0   | 53.6              | 51.9                       | 55.5  | 76.0              | 46                | 1.0   | 0.0               | 0.25         | 0.0          | 0.0          |
| 48         | 46         | 43         | 1.0              | 0.266                     | 0.0   | 54.4              | 50.4                       | 56.5  | 75.7              | 48                | 1.0   | 0.0               | 0.266        | 0.0          | 0.0          |
| 49         | 47         | 44         | 1.0              | 0.283                     | 0.0   | 55.1              | 48.9                       | 57.4  | 75.4              | 49                | 1.0   | 0.0               | 0.283        | 0.0          | 0.0          |
| 50         | 48         | 45         | 1.0              | 0.3                       | 0.0   | 55.8              | 47.4                       | 58.4  | 75.2              | 50                | 1.0   | 0.0               | 0.3          | 0.0          | 0.0          |
| 52         | 49         | 46         | 1.0              | 0.316                     | 0.0   | 56.6              | 45.8                       | 59.2  | 74.9              | 52                | 1.0   | 0.0               | 0.316        | 0.0          | 0.0          |
| 53         | 50         | 47         | 1.0              | 0.333                     | 0.0   | 57.3              | 44.2                       | 60.1  | 74.6              | 53                | 1.0   | 0.0               | 0.333        | 0.0          | 0.0          |
| 54         | 51         | 48         | 1.0              | 0.35                      | 0.0   | 58.0              | 42.7                       | 60.9  | 74.4              | 54                | 1.0   | 0.0               | 0.35         | 0.0          | 0.0          |
| 56         | 52         | 49         | 1.0              | 0.366                     | 0.0   | 58.8              | 41.1                       | 61.7  | 74.1              | 56                | 1.0   | 0.0               | 0.366        | 0.0          | 0.0          |
| 57         | 53         | 51         | 1.0              | 0.383                     | 0.0   | 59.5              | 39.5                       | 62.5  | 74.0              | 57                | 1.0   | 0.0               | 0.383        | 0.0          | 0.0          |
| 59         | 54         | 52         | 1.0              | 0.4                       | 0.0   | 60.3              | 38.1                       | 63.5  | 74.1              | 59                | 1.0   | 0.0               | 0.4          | 0.0          | 0.0          |
| 60         | 55         | 53         | 1.0              | 0.416                     | 0.0   | 61.0              | 36.6                       | 64.5  | 74.1              | 60                | 1.0   | 0.0               | 0.416        | 0.0          | 0.0          |
| 61         | 56         | 54         | 1.0              | 0.433                     | 0.0   | 61.8              | 35.1                       | 65.4  | 74.2              | 61                | 1.0   | 0.0               | 0.433        | 0.0          | 0.0          |
| 63         | 57         | 55         | 1.0              | 0.45                      | 0.0   | 62.6              | 33.6                       | 66.2  | 74.3              | 63                | 1.0   | 0.0               | 0.45         | 0.0          | 0.0          |
| 64         | 58         | 56         | 1.0              | 0.466                     | 0.0   | 63.3              | 32.0                       | 67.1  | 74.4              | 64                | 1.0   | 0.0               | 0.466        | 0.0          | 0.0          |
| 65         | 59         | 57         | 1.0              | 0.483                     | 0.0   | 64.1              | 30.5                       | 67.9  | 74.4              | 65                | 1.0   | 0.0               | 0.483        | 0.0          | 0.0          |
| 67         | 60         | 58         | 1.0              | 0.5                       | 0.0   | 64.9              | 28.9                       | 68.6  | 74.5              | 67                | 1.0   | 0.0               | 0.5          | 0.0          | 0.0          |
| 68         | 61         | 60         | 1.0              | 0.516                     | 0.0   | 65.8              | 27.2                       | 69.9  | 75.0              | 68                | 1.0   | 0.0               | 0.516        | 0.0          | 0.0          |
| 70         | 62         | 61         | 1.0              | 0.533                     | 0.0   | 66.8              | 25.5                       | 71.1  | 75.6              | 70                | 1.0   | 0.0               | 0.533        | 0.0          | 0.0          |
| 71         | 63         | 62         | 1.0              | 0.55                      | 0.0   | 67.7              | 23.8                       | 72.3  | 76.1              | 71                | 1.0   | 0.0               | 0.55         | 0.0          | 0.0          |
| 73         | 64         | 63         | 1.0              | 0.566                     | 0.0   | 68.7              | 22.0                       | 73.5  | 76.7              | 73                | 1.0   | 0.0               | 0.566        | 0.0          | 0.0          |
| 74         | 65         | 64         | 1.0              | 0.583                     | 0.0   | 69.7              | 20.2                       | 74.6  | 77.3              | 74                | 1.0   | 0.0               | 0.583        | 0.0          | 0.0          |
| 76         | 66         | 65         | 1.0              | 0.6                       | 0.0   | 70.6              | 18.3                       | 75.6  | 77.8              | 76                | 1.0   | 0.0               | 0.6          | 0.0          | 0.0          |
| 77         | 67         | 66         | 1.0              | 0.616                     | 0.0   | 71.6              | 16.4                       | 76.6  | 78.4              | 77                | 1.0   | 0.0               | 0.616        | 0.0          | 0.0          |
| 79         | 68         | 67         | 1.0              | 0.633                     | 0.0   | 72.5              | 14.8                       | 77.6  | 79.0              | 79                | 1.0   | 0.0               | 0.633        | 0.0          | 0.0          |
| 80         | 69         | 68         | 1.0              | 0.65                      | 0.0   | 73.2              | 13.6                       | 78.5  | 79.7              | 80                | 1.0   | 0.0               | 0.65         | 0.0          | 0.0          |
| 81         | 70         | 70         | 1.0              | 0.666                     | 0.0   | 74.0              | 12.3                       | 79.5  | 80.4              | 81                | 1.0   | 0.0               | 0.666        | 0.0          | 0.0          |
| 82         | 71         | 71         | 1.0              | 0.683                     | 0.0   | 74.8              | 11.0                       | 80.4  | 81.1              | 82                | 1.0   | 0.0               | 0.683        | 0.0          | 0.0          |
| 83         | 72         | 72         | 1.0              | 0.7                       | 0.0   | 75.6              | 9.6                        | 81.3  | 81.9              | 83                | 1.0   | 0.0               | 0.7          | 0.0          | 0.0          |
| 84         | 73         | 73         | 1.0              | 0.716                     | 0.0   | 76.3              | 8.3                        | 82.2  | 82.6              | 84                | 1.0   | 0.0               | 0.716        | 0.0          | 0.0          |
| 85         | 74         | 74         | 1.0              | 0.733                     | 0.0   | 77.1              | 6.9                        | 83.0  | 83.3              | 85                | 1.0   | 0.0               | 0.733        | 0.0          | 0.0          |
| 86         | 75         | 75         | 1.0              | 0.75                      | 0.0   | 77.9              | 5.4                        | 83.8  | 84.0              | 86                | 1.0   | 0.0               | 0.75         | 0.0          | 0.0          |

0-113931-L0 QG280-73 LAB\*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB\*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

Ausgabe: Offset-Normdruck; Separation cmy0\*, D65, Seite 10/33

TUB-Prüfvorlage QG28; Bunttoncode:  $H^*_e=R75Y_e$   
48-stufige Farbkreise;  $rgb-LabCh^*$ -Tabellen

Eingabe:  $rgb/cmyk \rightarrow rgb_{de}$   
Ausgabe: 3D-Linearisierung  $cmy0^*_{de}$

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG28/QG28L0FP.PDF> / .PS  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20130201-QG28/QG28L0FP.PDF /.PS  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmy0\* (CMY0)

TUB-Material: Code=rh4ta

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmy0\*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBCM<sub>s</sub>: h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben RYGBCM<sub>d</sub>: h<sub>ab,d</sub> = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; Sechs Bunttonwinkel der Elementarfarben RYGBCM<sub>e</sub>: h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

| h <sub>ab,d</sub> | h <sub>ab,s</sub> | h <sub>ab,e</sub> | rgb*<br>dd361M | LAB*<br>ddx361Mi (x=LabCh) | rgb*<br>ds361Mi | LAB*<br>dsx361Mi (x=LabCh) | rgb*<br>dd361Mi | LAB*<br>de361Mi | rgb*<br>dex361Mi (x=LabCh) | rgb*<br>dd361Mi |
|-------------------|-------------------|-------------------|----------------|----------------------------|-----------------|----------------------------|-----------------|-----------------|----------------------------|-----------------|
| 86                | 75                | 75                | 1.0            | 0.75 0.0                   | 77.9            | 5.4                        | 83.8            | 84.0            | 86                         | 86              |
| 87                | 76                | 76                | 1.0            | 0.766 0.0                  | 78.6            | 4.3                        | 84.7            | 84.8            | 87                         | 87              |
| 87                | 77                | 77                | 1.0            | 0.783 0.0                  | 79.4            | 3.2                        | 85.6            | 85.7            | 87                         | 87              |
| 88                | 78                | 78                | 1.0            | 0.8 0.0                    | 80.1            | 2.0                        | 86.5            | 86.5            | 88                         | 88              |
| 89                | 79                | 80                | 1.0            | 0.816 0.0                  | 80.8            | 0.8                        | 87.3            | 87.3            | 89                         | 89              |
| 90                | 80                | 81                | 1.0            | 0.833 0.0                  | 81.6            | -0.3                       | 88.2            | 88.2            | 90                         | 90              |
| 91                | 81                | 82                | 1.0            | 0.85 0.0                   | 82.3            | -1.5                       | 89.0            | 89.0            | 91                         | 91              |
| 91                | 82                | 83                | 1.0            | 0.866 0.0                  | 83.1            | -2.8                       | 89.8            | 89.8            | 91                         | 91              |
| 92                | 83                | 84                | 1.0            | 0.883 0.0                  | 83.7            | -3.8                       | 90.5            | 90.6            | 92                         | 92              |
| 92                | 84                | 85                | 1.0            | 0.9 0.0                    | 84.3            | -4.7                       | 91.3            | 91.4            | 92                         | 92              |
| 93                | 85                | 86                | 1.0            | 0.916 0.0                  | 84.9            | -5.6                       | 92.0            | 92.2            | 93                         | 93              |
| 94                | 86                | 87                | 1.0            | 0.933 0.0                  | 85.5            | -6.5                       | 92.7            | 92.9            | 94                         | 94              |
| 94                | 87                | 88                | 1.0            | 0.95 0.0                   | 86.0            | -7.4                       | 93.4            | 93.7            | 94                         | 94              |
| 95                | 88                | 90                | 1.0            | 0.966 0.0                  | 86.6            | -8.3                       | 94.1            | 94.5            | 95                         | 95              |
| 95                | 89                | 91                | 1.0            | 0.983 0.0                  | 87.2            | -9.2                       | 94.8            | 95.2            | 95                         | 95              |
| 96                | 90                | 92                | 1.0            | 1.0 0.0                    | 87.8            | -10.2                      | 95.4            | 96.0            | 96                         | 96              |
| 96                | 91                | 93                | 0.983          | 1.0 0.0                    | 87.3            | -10.7                      | 94.6            | 95.2            | 96                         | 96              |
| 96                | 92                | 94                | 0.966          | 1.0 0.0                    | 86.8            | -11.2                      | 93.8            | 94.5            | 96                         | 96              |
| 97                | 93                | 95                | 0.95           | 1.0 0.0                    | 86.4            | -11.7                      | 93.0            | 93.7            | 97                         | 97              |
| 97                | 94                | 96                | 0.933          | 1.0 0.0                    | 85.9            | -12.2                      | 92.2            | 93.0            | 97                         | 97              |
| 97                | 95                | 98                | 0.916          | 1.0 0.0                    | 85.5            | -12.7                      | 91.3            | 92.2            | 97                         | 97              |
| 98                | 96                | 99                | 0.9            | 1.0 0.0                    | 85.0            | -13.2                      | 90.5            | 91.5            | 98                         | 98              |
| 98                | 97                | 100               | 0.883          | 1.0 0.0                    | 84.5            | -13.6                      | 89.7            | 90.7            | 98                         | 98              |
| 99                | 98                | 101               | 0.866          | 1.0 0.0                    | 84.1            | -14.1                      | 88.9            | 90.0            | 99                         | 99              |
| 99                | 99                | 102               | 0.85           | 1.0 0.0                    | 83.6            | -14.6                      | 88.1            | 89.3            | 99                         | 99              |
| 99                | 100               | 103               | 0.833          | 1.0 0.0                    | 83.1            | -15.1                      | 87.4            | 88.7            | 99                         | 99              |
| 100               | 101               | 105               | 0.816          | 1.0 0.0                    | 82.6            | -15.6                      | 86.6            | 88.0            | 100                        | 100             |
| 100               | 102               | 106               | 0.8            | 1.0 0.0                    | 82.2            | -16.1                      | 85.8            | 87.3            | 100                        | 100             |
| 101               | 103               | 107               | 0.783          | 1.0 0.0                    | 81.7            | -16.6                      | 85.1            | 86.7            | 101                        | 101             |
| 101               | 104               | 108               | 0.766          | 1.0 0.0                    | 81.2            | -17.0                      | 84.3            | 86.0            | 101                        | 101             |
| 101               | 105               | 109               | 0.75           | 1.0 0.0                    | 80.7            | -17.5                      | 83.5            | 85.3            | 101                        | 101             |
| 102               | 106               | 110               | 0.733          | 1.0 0.0                    | 80.0            | -18.4                      | 82.5            | 84.6            | 102                        | 102             |
| 103               | 107               | 112               | 0.716          | 1.0 0.0                    | 79.3            | -19.3                      | 81.5            | 83.8            | 103                        | 103             |
| 104               | 108               | 113               | 0.7            | 1.0 0.0                    | 78.5            | -20.2                      | 80.5            | 83.0            | 104                        | 104             |
| 104               | 109               | 114               | 0.683          | 1.0 0.0                    | 77.8            | -21.1                      | 79.4            | 82.2            | 104                        | 104             |
| 105               | 110               | 115               | 0.666          | 1.0 0.0                    | 77.1            | -22.0                      | 78.4            | 81.4            | 105                        | 105             |
| 106               | 111               | 116               | 0.65           | 1.0 0.0                    | 76.4            | -22.8                      | 77.3            | 80.6            | 106                        | 106             |
| 107               | 112               | 117               | 0.633          | 1.0 0.0                    | 75.6            | -23.6                      | 76.2            | 79.8            | 107                        | 107             |
| 108               | 113               | 119               | 0.616          | 1.0 0.0                    | 75.0            | -24.4                      | 75.1            | 79.0            | 108                        | 108             |
| 108               | 114               | 120               | 0.6            | 1.0 0.0                    | 74.3            | -25.3                      | 73.9            | 78.1            | 108                        | 108             |
| 109               | 115               | 121               | 0.583          | 1.0 0.0                    | 73.7            | -26.1                      | 72.7            | 77.2            | 109                        | 109             |
| 110               | 116               | 122               | 0.566          | 1.0 0.0                    | 73.1            | -26.9                      | 71.4            | 76.3            | 110                        | 110             |
| 111               | 117               | 123               | 0.55           | 1.0 0.0                    | 72.4            | -27.6                      | 70.2            | 75.5            | 111                        | 111             |
| 112               | 118               | 124               | 0.533          | 1.0 0.0                    | 71.8            | -28.3                      | 69.0            | 74.6            | 112                        | 112             |
| 113               | 119               | 126               | 0.516          | 1.0 0.0                    | 71.2            | -29.0                      | 67.7            | 73.7            | 113                        | 113             |
| 114               | 120               | 127               | 0.5            | 1.0 0.0                    | 70.6            | -29.7                      | 66.5            | 72.8            | 114                        | 114             |

0-1131031-L0 QG280-73 LAB\*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB\*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

TUB-Prüfvorlage QG28; Bunttoncode: H\*e=R75Ye  
48-stufige Farbkreise; rgb-LabCh\*Tabellen

Eingabe: rgb/cmyk -> rgb<sub>de</sub>  
Ausgabe: 3D-Linearisierung cmy0\*<sub>de</sub>

Ausgabe: Offset-Normdruck; Separation cmy0\*, D65, Seite 11/33

TUB-Registrierung: 20130201-QG28/QG28L0FP.PDF /.PS  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmy0\* (CMY0)

TUB-Material: Code=rh4ta

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmy0\*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBCM<sub>s</sub>:  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Sechs Bunttonwinkel der Gerätefarben RYGBCM<sub>d</sub>:  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Sechs Bunttonwinkel der Elementarfarben RYGBCM<sub>e</sub>:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| Table 1: Dantrolene (1) and 6-GT (2) in the presence of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 100 μM of 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Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmy0\*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBCM<sub>s</sub>:  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Sechs Bunttonwinkel der Gerätefarben RYGBCM<sub>d</sub>:  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Sechs Bunttonwinkel der Elementarfarben RYGBCM<sub>e</sub>:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| Sechs Bunttonwinkel der Gerätefarben RYGBM <sub>d</sub> : $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Sechs Bunttonwinkel der Elementarfarben RYGBM <sub>e</sub> : $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$ |            |            |                  |                              |                   |                              |                   |                   |                              |                   |              |              |  |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------------|------------------------------|-------------------|------------------------------|-------------------|-------------------|------------------------------|-------------------|--------------|--------------|--|--|--|--|--|--|
| $h_{ab,d}$                                                                                                                                                                                                                       | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ | $LAB^*_{ddx361Mi}$ (x=LabCh) | $rgb^*_{ds361Mi}$ | $LAB^*_{dsx361Mi}$ (x=LabCh) | $rgb^*_{dd361Mi}$ | $rgb^*_{de361Mi}$ | $LAB^*_{dex361Mi}$ (x=LabCh) | $rgb^*_{dd361Mi}$ | $rgb^*_{ds}$ | $rgb^*_{de}$ |  |  |  |  |  |  |
| 167                                                                                                                                                                                                                              | 165        | 175        | 0.0              | 1.0                          | 0.25              | 51.2                         | -58.9             | 12.7              | 60.3                         | 167               |              |              |  |  |  |  |  |  |
| 168                                                                                                                                                                                                                              | 166        | 176        | 0.0              | 1.0                          | 0.266             | 51.3                         | -58.4             | 11.3              | 59.5                         | 168               |              |              |  |  |  |  |  |  |
| 170                                                                                                                                                                                                                              | 167        | 177        | 0.0              | 1.0                          | 0.283             | 51.4                         | -57.9             | 10.0              | 58.8                         | 170               |              |              |  |  |  |  |  |  |
| 171                                                                                                                                                                                                                              | 168        | 178        | 0.0              | 1.0                          | 0.3               | 51.5                         | -57.3             | 8.7               | 58.0                         | 171               |              |              |  |  |  |  |  |  |
| 172                                                                                                                                                                                                                              | 169        | 179        | 0.0              | 1.0                          | 0.316             | 51.6                         | -56.8             | 7.4               | 57.3                         | 172               |              |              |  |  |  |  |  |  |
| 173                                                                                                                                                                                                                              | 170        | 180        | 0.0              | 1.0                          | 0.333             | 51.7                         | -56.2             | 6.1               | 56.5                         | 173               |              |              |  |  |  |  |  |  |
| 174                                                                                                                                                                                                                              | 171        | 181        | 0.0              | 1.0                          | 0.35              | 51.8                         | -55.5             | 4.9               | 55.8                         | 174               |              |              |  |  |  |  |  |  |
| 176                                                                                                                                                                                                                              | 172        | 182        | 0.0              | 1.0                          | 0.366             | 51.9                         | -54.9             | 3.7               | 55.0                         | 176               |              |              |  |  |  |  |  |  |
| 177                                                                                                                                                                                                                              | 173        | 183        | 0.0              | 1.0                          | 0.383             | 52.0                         | -54.2             | 2.3               | 54.3                         | 177               |              |              |  |  |  |  |  |  |
| 179                                                                                                                                                                                                                              | 174        | 184        | 0.0              | 1.0                          | 0.4               | 52.2                         | -53.6             | 0.7               | 53.6                         | 179               |              |              |  |  |  |  |  |  |
| 180                                                                                                                                                                                                                              | 175        | 185        | 0.0              | 1.0                          | 0.416             | 52.3                         | -52.8             | -0.8              | 52.9                         | 180               |              |              |  |  |  |  |  |  |
| 182                                                                                                                                                                                                                              | 176        | 185        | 0.0              | 1.0                          | 0.433             | 52.4                         | -52.1             | -2.3              | 52.1                         | 182               |              |              |  |  |  |  |  |  |
| 184                                                                                                                                                                                                                              | 177        | 186        | 0.0              | 1.0                          | 0.45              | 52.6                         | -51.3             | -3.8              | 51.4                         | 184               |              |              |  |  |  |  |  |  |
| 185                                                                                                                                                                                                                              | 178        | 187        | 0.0              | 1.0                          | 0.466             | 52.7                         | -50.4             | -5.3              | 50.7                         | 185               |              |              |  |  |  |  |  |  |
| 187                                                                                                                                                                                                                              | 179        | 188        | 0.0              | 1.0                          | 0.483             | 52.8                         | -49.6             | -6.6              | 50.0                         | 187               |              |              |  |  |  |  |  |  |
| 189                                                                                                                                                                                                                              | 180        | 189        | 0.0              | 1.0                          | 0.5               | 52.9                         | -48.6             | -8.0              | 49.3                         | 189               |              |              |  |  |  |  |  |  |
| 191                                                                                                                                                                                                                              | 181        | 190        | 0.0              | 1.0                          | 0.516             | 53.1                         | -47.9             | -9.5              | 48.9                         | 191               |              |              |  |  |  |  |  |  |
| 193                                                                                                                                                                                                                              | 182        | 191        | 0.0              | 1.0                          | 0.533             | 53.2                         | -47.2             | -10.9             | 48.4                         | 193               |              |              |  |  |  |  |  |  |
| 194                                                                                                                                                                                                                              | 183        | 192        | 0.0              | 1.0                          | 0.55              | 53.4                         | -46.4             | -12.3             | 48.0                         | 194               |              |              |  |  |  |  |  |  |
| 196                                                                                                                                                                                                                              | 184        | 193        | 0.0              | 1.0                          | 0.566             | 53.5                         | -45.6             | -13.7             | 47.6                         | 196               |              |              |  |  |  |  |  |  |
| 198                                                                                                                                                                                                                              | 185        | 194        | 0.0              | 1.0                          | 0.583             | 53.6                         | -44.7             | -15.0             | 47.1                         | 198               |              |              |  |  |  |  |  |  |
| 200                                                                                                                                                                                                                              | 186        | 195        | 0.0              | 1.0                          | 0.6               | 53.8                         | -43.8             | -16.3             | 46.7                         | 200               |              |              |  |  |  |  |  |  |
| 202                                                                                                                                                                                                                              | 187        | 195        | 0.0              | 1.0                          | 0.616             | 53.9                         | -42.8             | -17.5             | 46.3                         | 202               |              |              |  |  |  |  |  |  |
| 204                                                                                                                                                                                                                              | 188        | 196        | 0.0              | 1.0                          | 0.633             | 54.1                         | -42.0             | -18.8             | 46.0                         | 204               |              |              |  |  |  |  |  |  |
| 206                                                                                                                                                                                                                              | 189        | 197        | 0.0              | 1.0                          | 0.65              | 54.2                         | -41.2             | -20.1             | 45.9                         | 206               |              |              |  |  |  |  |  |  |
| 207                                                                                                                                                                                                                              | 190        | 198        | 0.0              | 1.0                          | 0.666             | 54.3                         | -40.5             | -21.4             | 45.8                         | 207               |              |              |  |  |  |  |  |  |
| 209                                                                                                                                                                                                                              | 191        | 199        | 0.0              | 1.0                          | 0.683             | 54.5                         | -39.7             | -22.7             | 45.7                         | 209               |              |              |  |  |  |  |  |  |
| 211                                                                                                                                                                                                                              | 192        | 200        | 0.0              | 1.0                          | 0.7               | 54.6                         | -38.8             | -23.9             | 45.6                         | 211               |              |              |  |  |  |  |  |  |
| 213                                                                                                                                                                                                                              | 193        | 201        | 0.0              | 1.0                          | 0.716             | 54.7                         | -37.9             | -25.1             | 45.5                         | 213               |              |              |  |  |  |  |  |  |
| 215                                                                                                                                                                                                                              | 194        | 202        | 0.0              | 1.0                          | 0.733             | 54.9                         | -37.0             | -26.3             | 45.4                         | 215               |              |              |  |  |  |  |  |  |
| 217                                                                                                                                                                                                                              | 195        | 203        | 0.0              | 1.0                          | 0.75              | 55.0                         | -36.0             | -27.4             | 45.3                         | 217               |              |              |  |  |  |  |  |  |
| 218                                                                                                                                                                                                                              | 196        | 204        | 0.0              | 1.0                          | 0.766             | 55.1                         | -35.4             | -28.4             | 45.4                         | 218               |              |              |  |  |  |  |  |  |
| 220                                                                                                                                                                                                                              | 197        | 205        | 0.0              | 1.0                          | 0.783             | 55.2                         | -34.7             | -29.4             | 45.5                         | 220               |              |              |  |  |  |  |  |  |
| 221                                                                                                                                                                                                                              | 198        | 206        | 0.0              | 1.0                          | 0.8               | 55.3                         | -34.0             | -30.3             | 45.6                         | 221               |              |              |  |  |  |  |  |  |
| 223                                                                                                                                                                                                                              | 199        | 206        | 0.0              | 1.0                          | 0.816             | 55.4                         | -33.3             | -31.3             | 45.7                         | 223               |              |              |  |  |  |  |  |  |
| 224                                                                                                                                                                                                                              | 200        | 207        | 0.0              | 1.0                          | 0.833             | 55.6                         | -32.6             | -32.2             | 45.9                         | 224               |              |              |  |  |  |  |  |  |
| 226                                                                                                                                                                                                                              | 201        | 208        | 0.0              | 1.0                          | 0.85              | 55.7                         | -31.8             | -33.1             | 46.0                         | 226               |              |              |  |  |  |  |  |  |
| 227                                                                                                                                                                                                                              | 202        | 209        | 0.0              | 1.0                          | 0.866             | 55.8                         | -31.1             | -34.0             | 46.1                         | 227               |              |              |  |  |  |  |  |  |
| 229                                                                                                                                                                                                                              | 203        | 210        | 0.0              | 1.0                          | 0.883             | 55.9                         | -30.4             | -35.0             | 46.3                         | 229               |              |              |  |  |  |  |  |  |
| 230                                                                                                                                                                                                                              | 204        | 211        | 0.0              | 1.0                          | 0.9               | 56.0                         | -29.7             | -35.9             | 46.7                         | 230               |              |              |  |  |  |  |  |  |
| 231                                                                                                                                                                                                                              | 205        | 212        | 0.0              | 1.0                          | 0.916             | 56.1                         | -29.1             | -36.9             | 47.0                         | 231               |              |              |  |  |  |  |  |  |
| 233                                                                                                                                                                                                                              | 206        | 213        | 0.0              | 1.0                          | 0.933             | 56.3                         | -28.4             | -37.8             | 47.3                         | 233               |              |              |  |  |  |  |  |  |
| 234                                                                                                                                                                                                                              | 207        | 214        | 0.0              | 1.0                          | 0.95              | 56.4                         | -27.7             | -38.8             | 47.7                         | 234               |              |              |  |  |  |  |  |  |
| 235                                                                                                                                                                                                                              | 208        | 215        | 0.0              | 1.0                          | 0.966             | 56.5                         | -27.0             | -39.7             | 48.0                         | 235               |              |              |  |  |  |  |  |  |
| 237                                                                                                                                                                                                                              | 209        | 216        | 0.0              | 1.0                          | 0.983             | 56.6                         | -26.2             | -40.6             | 48.3                         | 237               |              |              |  |  |  |  |  |  |
| 238                                                                                                                                                                                                                              | 210        | 216        | 0.0              | 1.0                          | 1.0               | 56.8                         | -25.5             | -41.5             | 48.7                         | 238               |              |              |  |  |  |  |  |  |

0-1131231-L0 QG280-73 LAB\*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB\*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

Ausgabe: Offset-Normdruck; Separation cmy0\*, D65, Seite 13/33

TUB-Prüfvorlage QG28; Bunttoncode:  $H^*_e=R75Y_e$   
48-stufige Farbkreise;  $rgb-LabCh^*$ -Tabellen

Eingabe:  $rgb/cmyk \rightarrow rgb_{de}$   
Ausgabe: 3D-Linearisierung  $cmy0^*_{de}$

0-1131231-F0 C M Y O L V

TUB-Registrierung: 20130201-QG28/QG28L0FP.PDF /.PS  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmy0\* (CMY0)  
TUB-Material: Code=rh4ta

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmy0\*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBCM<sub>s</sub>:  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Sechs Bunttonwinkel der Gerätefarben RYGBCM<sub>d</sub>:  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Sechs Bunttonwinkel der Elementarfarben RYGBCM<sub>e</sub>:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| Sechs Bunttonwinkel der Gerätefarben RYGBM <sub>e</sub> : $h_{ab,d}$ : 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; Sechs Bunttonwinkel der Elementarfarben RYGBM <sub>e</sub> : $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6 |            |            |                  |                             |                   |                             |                   |                             |                   |                   |                   |                   |       |       |      |       |       |      |     |       |     |       |       |      |       |       |      |       |       |       |      |     |       |       |     |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------------|-----------------------------|-------------------|-----------------------------|-------------------|-----------------------------|-------------------|-------------------|-------------------|-------------------|-------|-------|------|-------|-------|------|-----|-------|-----|-------|-------|------|-------|-------|------|-------|-------|-------|------|-----|-------|-------|-----|--|--|--|
| $h_{ab,d}$                                                                                                                                                                                                                      | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ | $LAB^*_{ddx361Mi}(x=LabCh)$ | $rgb^*_{ds361Mi}$ | $LAB^*_{dsx361Mi}(x=LabCh)$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}(x=LabCh)$ | $rgb^*_{de361Mi}$ | $rgb^*_{dd361Mi}$ | $rgb^*_{ds361Mi}$ | $rgb^*_{de361Mi}$ |       |       |      |       |       |      |     |       |     |       |       |      |       |       |      |       |       |       |      |     |       |       |     |  |  |  |
| 238                                                                                                                                                                                                                             | 210        | 216        | 0.0              | 1.0                         | 1.0               | 56.8                        | -25.5             | -41.5                       | 48.7              | 238               | $C_d$             | 0.0               | 1.0   | 0.685 | 54.5 | -39.5 | -22.8 | 45.7 | 210 | $C_s$ | 0.0 | 1.0   | 0.747 | 55.0 | -36.1 | -27.2 | 45.3 | 216   | $C_e$ | 0.0   | 1.0  | 1.0 |       |       |     |  |  |  |
| 239                                                                                                                                                                                                                             | 211        | 217        | 0.0              | 0.983                       | 1.0               | 56.4                        | -24.9             | -41.5                       | 48.4              | 239               |                   | 0.0               | 1.0   | 0.694 | 54.6 | -39.0 | -23.4 | 45.7 | 211 |       | 0.0 | 0.983 | 1.0   | 0.0  | 1.0   | 0.757 | 55.1 | -35.7 | -27.8 | 45.4  | 217  | 0.0 | 0.983 | 1.0   |     |  |  |  |
| 239                                                                                                                                                                                                                             | 212        | 218        | 0.0              | 0.966                       | 1.0               | 56.1                        | -24.3             | -41.5                       | 48.1              | 239               |                   | 0.0               | 1.0   | 0.703 | 54.7 | -38.6 | -24.1 | 45.6 | 212 |       | 0.0 | 0.967 | 1.0   | 0.0  | 1.0   | 0.767 | 55.2 | -35.3 | -28.4 | 45.4  | 218  | 0.0 | 0.967 | 1.0   |     |  |  |  |
| 240                                                                                                                                                                                                                             | 213        | 219        | 0.0              | 0.95                        | 1.0               | 55.7                        | -23.7             | -41.5                       | 47.8              | 240               |                   | 0.0               | 1.0   | 0.712 | 54.7 | -38.1 | -24.7 | 45.6 | 213 |       | 0.0 | 0.95  | 1.0   | 0.0  | 1.0   | 0.778 | 55.2 | -34.9 | -29.0 | 45.5  | 219  | 0.0 | 0.95  | 1.0   |     |  |  |  |
| 240                                                                                                                                                                                                                             | 214        | 220        | 0.0              | 0.933                       | 1.0               | 55.4                        | -23.1             | -41.5                       | 47.5              | 240               |                   | 0.0               | 1.0   | 0.721 | 54.8 | -37.6 | -25.3 | 45.5 | 214 |       | 0.0 | 0.933 | 1.0   | 0.0  | 1.0   | 0.788 | 55.3 | -34.5 | -29.6 | 45.6  | 220  | 0.0 | 0.933 | 1.0   |     |  |  |  |
| 241                                                                                                                                                                                                                             | 215        | 221        | 0.0              | 0.916                       | 1.0               | 55.0                        | -22.5             | -41.4                       | 47.2              | 241               |                   | 0.0               | 1.0   | 0.73  | 54.9 | -37.1 | -26.0 | 45.4 | 215 |       | 0.0 | 0.917 | 1.0   | 0.0  | 1.0   | 0.798 | 55.4 | -34.1 | -30.2 | 45.7  | 221  | 0.0 | 0.917 | 1.0   |     |  |  |  |
| 242                                                                                                                                                                                                                             | 216        | 222        | 0.0              | 0.9                         | 1.0               | 54.6                        | -22.0             | -41.4                       | 46.9              | 242               |                   | 0.0               | 1.0   | 0.739 | 55.0 | -36.6 | -26.6 | 45.4 | 216 |       | 0.0 | 0.9   | 1.0   | 0.0  | 1.0   | 0.808 | 55.4 | -33.6 | -30.8 | 45.7  | 222  | 0.0 | 0.9   | 1.0   |     |  |  |  |
| 242                                                                                                                                                                                                                             | 217        | 223        | 0.0              | 0.883                       | 1.0               | 54.3                        | -21.4             | -41.4                       | 46.6              | 242               |                   | 0.0               | 1.0   | 0.747 | 55.0 | -36.1 | -27.2 | 45.3 | 217 |       | 0.0 | 0.883 | 1.0   | 0.0  | 1.0   | 0.819 | 55.5 | -33.2 | -31.3 | 45.8  | 223  | 0.0 | 0.883 | 1.0   |     |  |  |  |
| 243                                                                                                                                                                                                                             | 218        | 224        | 0.0              | 0.866                       | 1.0               | 53.9                        | -20.7             | -41.3                       | 46.3              | 243               |                   | 0.0               | 1.0   | 0.758 | 55.1 | -35.6 | -27.8 | 45.4 | 218 |       | 0.0 | 0.867 | 1.0   | 0.0  | 1.0   | 0.829 | 55.6 | -32.7 | -31.9 | 45.9  | 224  | 0.0 | 0.867 | 1.0   |     |  |  |  |
| 244                                                                                                                                                                                                                             | 219        | 225        | 0.0              | 0.85                        | 1.0               | 53.4                        | -20.0             | -41.3                       | 45.9              | 244               |                   | 0.0               | 1.0   | 0.769 | 55.2 | -35.2 | -28.5 | 45.4 | 219 |       | 0.0 | 0.85  | 1.0   | 0.0  | 1.0   | 0.839 | 55.6 | -32.3 | -32.5 | 45.9  | 225  | 0.0 | 0.85  | 1.0   |     |  |  |  |
| 245                                                                                                                                                                                                                             | 220        | 226        | 0.0              | 0.833                       | 1.0               | 52.9                        | -19.2             | -41.3                       | 45.6              | 245               |                   | 0.0               | 1.0   | 0.781 | 55.3 | -34.8 | -29.2 | 45.5 | 220 |       | 0.0 | 0.833 | 1.0   | 0.0  | 1.0   | 0.85  | 55.7 | -31.8 | -33.1 | 46.0  | 226  | 0.0 | 0.833 | 1.0   |     |  |  |  |
| 245                                                                                                                                                                                                                             | 221        | 227        | 0.0              | 0.816                       | 1.0               | 52.4                        | -18.5             | -41.3                       | 45.3              | 245               |                   | 0.0               | 1.0   | 0.792 | 55.3 | -34.3 | -29.8 | 45.6 | 221 |       | 0.0 | 0.817 | 1.0   | 0.0  | 1.0   | 0.86  | 55.8 | -31.3 | -33.6 | 46.1  | 227  | 0.0 | 0.817 | 1.0   |     |  |  |  |
| 246                                                                                                                                                                                                                             | 222        | 227        | 0.0              | 0.8                         | 1.0               | 51.9                        | -17.7             | -41.3                       | 44.9              | 246               |                   | 0.0               | 1.0   | 0.803 | 55.4 | -33.9 | -30.5 | 45.7 | 222 |       | 0.0 | 0.8   | 1.0   | 0.0  | 1.0   | 0.87  | 55.8 | -30.8 | -34.2 | 46.2  | 227  | 0.0 | 0.8   | 1.0   |     |  |  |  |
| 247                                                                                                                                                                                                                             | 223        | 228        | 0.0              | 0.783                       | 1.0               | 51.4                        | -17.0             | -41.2                       | 44.6              | 247               |                   | 0.0               | 1.0   | 0.815 | 55.5 | -33.4 | -31.1 | 45.8 | 223 |       | 0.0 | 0.783 | 1.0   | 0.0  | 1.0   | 0.881 | 55.9 | -30.4 | -34.8 | 46.3  | 228  | 0.0 | 0.783 | 1.0   |     |  |  |  |
| 248                                                                                                                                                                                                                             | 224        | 229        | 0.0              | 0.766                       | 1.0               | 50.9                        | -16.2             | -41.2                       | 44.2              | 248               |                   | 0.0               | 1.0   | 0.826 | 55.6 | -32.9 | -31.7 | 45.8 | 224 |       | 0.0 | 0.767 | 1.0   | 0.0  | 1.0   | 0.893 | 56.0 | -30.0 | -35.4 | 46.6  | 229  | 0.0 | 0.767 | 1.0   |     |  |  |  |
| 249                                                                                                                                                                                                                             | 225        | 230        | 0.0              | 0.75                        | 1.0               | 50.4                        | -15.5             | -41.1                       | 43.9              | 249               |                   | 0.0               | 1.0   | 0.837 | 55.6 | -32.4 | -32.4 | 45.9 | 225 |       | 0.0 | 0.75  | 1.0   | 0.0  | 1.0   | 0.904 | 56.1 | -29.6 | -36.1 | 46.8  | 230  | 0.0 | 0.75  | 1.0   |     |  |  |  |
| 250                                                                                                                                                                                                                             | 226        | 231        | 0.0              | 0.733                       | 1.0               | 49.9                        | -14.7             | -41.1                       | 43.6              | 250               |                   | 0.0               | 1.0   | 0.849 | 55.7 | -31.9 | -33.0 | 46.0 | 226 |       | 0.0 | 0.733 | 1.0   | 0.0  | 1.0   | 0.915 | 56.2 | -29.1 | -36.7 | 47.0  | 231  | 0.0 | 0.733 | 1.0   |     |  |  |  |
| 251                                                                                                                                                                                                                             | 227        | 232        | 0.0              | 0.716                       | 1.0               | 49.4                        | -13.8             | -41.1                       | 43.4              | 251               |                   | 0.0               | 1.0   | 0.86  | 55.8 | -31.3 | -33.6 | 46.1 | 227 |       | 0.0 | 0.717 | 1.0   | 0.0  | 1.0   | 0.926 | 56.3 | -28.7 | -37.4 | 47.2  | 232  | 0.0 | 0.717 | 1.0   |     |  |  |  |
| 252                                                                                                                                                                                                                             | 228        | 233        | 0.0              | 0.7                         | 1.0               | 48.8                        | -13.0             | -41.1                       | 43.1              | 252               |                   | 0.0               | 1.0   | 0.871 | 55.9 | -30.8 | -34.2 | 46.2 | 228 |       | 0.0 | 0.7   | 1.0   | 0.0  | 1.0   | 0.938 | 56.3 | -28.2 | -38.0 | 47.5  | 233  | 0.0 | 0.7   | 1.0   |     |  |  |  |
| 253                                                                                                                                                                                                                             | 229        | 234        | 0.0              | 0.683                       | 1.0               | 48.3                        | -12.2             | -41.1                       | 42.9              | 253               |                   | 0.0               | 1.0   | 0.883 | 55.9 | -30.3 | -34.9 | 46.4 | 229 |       | 0.0 | 0.683 | 1.0   | 0.0  | 1.0   | 0.949 | 56.4 | -27.7 | -38.6 | 47.7  | 234  | 0.0 | 0.683 | 1.0   |     |  |  |  |
| 254                                                                                                                                                                                                                             | 230        | 235        | 0.0              | 0.666                       | 1.0               | 47.8                        | -11.4             | -41.0                       | 42.6              | 254               |                   | 0.0               | 1.0   | 0.896 | 56.0 | -29.9 | -35.6 | 46.6 | 230 |       | 0.0 | 0.667 | 1.0   | 0.0  | 1.0   | 0.96  | 56.5 | -27.2 | -39.3 | 47.9  | 235  | 0.0 | 0.667 | 1.0   |     |  |  |  |
| 255                                                                                                                                                                                                                             | 231        | 236        | 0.0              | 0.65                        | 1.0               | 47.3                        | -10.6             | -41.0                       | 42.3              | 255               |                   | 0.0               | 1.0   | 0.908 | 56.1 | -29.4 | -36.3 | 46.9 | 231 |       | 0.0 | 0.65  | 1.0   | 0.0  | 1.0   | 0.972 | 56.6 | -26.7 | -39.9 | 48.2  | 236  | 0.0 | 0.65  | 1.0   |     |  |  |  |
| 256                                                                                                                                                                                                                             | 232        | 237        | 0.0              | 0.633                       | 1.0               | 46.8                        | -9.8              | -40.9                       | 42.1              | 256               |                   | 0.0               | 1.0   | 0.92  | 56.2 | -28.9 | -37.0 | 47.1 | 232 |       | 0.0 | 0.633 | 1.0   | 0.0  | 1.0   | 0.983 | 56.7 | -26.2 | -40.5 | 48.4  | 237  | 0.0 | 0.633 | 1.0   |     |  |  |  |
| 257                                                                                                                                                                                                                             | 233        | 237        | 0.0              | 0.616                       | 1.0               | 46.2                        | -8.9              | -40.9                       | 41.8              | 257               |                   | 0.0               | 1.0   | 0.933 | 56.3 | -28.4 | -37.7 | 47.4 | 233 |       | 0.0 | 0.617 | 1.0   | 0.0  | 1.0   | 0.994 | 56.8 | -25.7 | -41.1 | 48.6  | 237  | 0.0 | 0.617 | 1.0   |     |  |  |  |
| 259                                                                                                                                                                                                                             | 234        | 238        | 0.0              | 0.6                         | 1.0               | 45.5                        | -7.8              | -40.9                       | 41.7              | 259               |                   | 0.0               | 1.0   | 0.945 | 56.4 | -27.9 | -38.4 | 47.6 | 234 |       | 0.0 | 0.6   | 1.0   | 0.0  | 1.0   | 0.988 | 1.0  | 56.6  | -25.0 | -41.4 | 48.5 | 238 | 0.0   | 0.6   | 1.0 |  |  |  |
| 260                                                                                                                                                                                                                             | 235        | 239        | 0.0              | 0.583                       | 1.0               | 44.9                        | -6.6              | -41.0                       | 41.5              | 260               |                   | 0.0               | 1.0   | 0.957 | 56.5 | -27.4 | -39.1 | 47.9 | 235 |       | 0.0 | 0.583 | 1.0   | 0.0  | 1.0   | 0.962 | 1.0  | 56.0  | -24.1 | -41.4 | 48.1 | 239 | 0.0   | 0.583 | 1.0 |  |  |  |
| 262                                                                                                                                                                                                                             | 236        | 240        | 0.0              | 0.566                       | 1.0               | 44.2                        | -5.5              | -40.9                       | 41.3              | 262               |                   | 0.0               | 1.0   | 0.97  | 56.6 | -26.8 | -39.8 | 48.1 | 236 |       | 0.0 | 0.567 | 1.0   | 0.0  | 1.0   | 0.937 | 1.0  | 55.5  | -23.2 | -41.4 | 47.6 | 240 | 0.0   | 0.567 | 1.0 |  |  |  |
| 263                                                                                                                                                                                                                             | 237        | 241        | 0.0              | 0.55                        | 1.0               | 43.6                        | -4.4              | -40.9                       | 41.1              | 263               |                   | 0.0               | 1.0   | 0.982 | 56.7 | -26.2 | -40.5 | 48.4 | 237 |       | 0.0 | 0.55  | 1.0   | 0.0  | 1.0   | 0.911 | 1.0  | 54.9  | -22.3 | -41.4 | 47.1 | 241 | 0.0   | 0.55  | 1.0 |  |  |  |
| 265                                                                                                                                                                                                                             | 238        | 242        | 0.0              | 0.533                       | 1.0               | 43.0                        | -3.3              | -40.8                       | 41.0              | 265               |                   | 0.0               | 1.0   | 0.994 | 56.8 | -25.7 | -41.1 | 48.6 | 238 |       | 0.0 | 0.533 | 1.0   | 0.0  | 1.0   | 0.885 | 1.0  | 54.4  | -21.4 | -41.3 | 46.7 | 242 | 0.0   | 0.533 | 1.0 |  |  |  |
| 266                                                                                                                                                                                                                             | 239        | 243        | 0.0              | 0.516                       | 1.0               | 42.3                        | -2.3              | -40.7                       | 40.8              | 266               |                   | 0.0               | 0.985 | 1.0   | 56.5 | -24.9 | -41.4 | 48.5 | 239 |       | 0.0 | 0.517 | 1.0   | 0.0  | 1.0   | 0.864 | 1.0  | 53.9  | -20.6 | -41.3 | 46.3 | 243 | 0.0   | 0.517 | 1.0 |  |  |  |
| 268                                                                                                                                                                                                                             | 240        | 244        | 0.0              | 0.5                         | 1.0               | 41.7                        | -1.2              | -40.6                       | 40.6              | 268               |                   | 0.0               | 0.956 | 1.0   | 55.9 | -23.9 | -41.4 | 48.0 | 240 |       | 0.0 | 0.5   | 1.0   | 0.0  | 1.0   | 0.847 | 1.0  | 53.3  | -19.8 | -41.3 | 45.9 | 244 | 0.0   | 0.5   | 1.0 |  |  |  |
| 269                                                                                                                                                                                                                             | 241        | 245        | 0.0              | 0.483                       | 1.0               | 41.1                        | -0.2              | -40.6                       | 40.6              | 269               |                   | 0.0               | 0.928 | 1.0   | 55.3 | -22.9 | -41.4 | 47.4 | 241 |       | 0.0 | 0.483 | 1.0   | 0.0  | 1.0   | 0.829 | 1.0  | 52.8  | -19.0 | -41.3 | 45.6 |     |       |       |     |  |  |  |

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG28/QG28L0FP.PDF> / .PS  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

| Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmy0*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBCM <sub>s</sub> : h <sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben RYGBCM <sub>d</sub> : h <sub>ab,d</sub> = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; Sechs Bunttonwinkel der Elementarfarben RYGBCM <sub>e</sub> : h <sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6 |                   |                   |                |                            |                 |                            |                 |                 |                            |                 |            |                  |                |                         |           |         |           |           |                 |                |                         |           |         |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|----------------|----------------------------|-----------------|----------------------------|-----------------|-----------------|----------------------------|-----------------|------------|------------------|----------------|-------------------------|-----------|---------|-----------|-----------|-----------------|----------------|-------------------------|-----------|---------|--|--|
| h <sub>ab,d</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | h <sub>ab,s</sub> | h <sub>ab,e</sub> | rgb*<br>dd361M | LAB*<br>ddx361Mi (x=LabCh) | rgb*<br>ds361Mi | LAB*<br>dsx361Mi (x=LabCh) | rgb*<br>dd361Mi | rgb*<br>de361Mi | LAB*<br>dex361Mi (x=LabCh) | rgb*<br>dd361Mi | rgb*<br>dd | rgb*<br>da       |                |                         |           |         |           |           |                 |                |                         |           |         |  |  |
| 289                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 255               | 258               | 0.0            | 0.25 1.0                   | 32.8            | 14.3                       | -40.2 42.7      | 289             | 0.0                        | 0.657 1.0       | 47.5       | -10.9 -40.9 42.5 | 255            | 0.0                     | 0.25 1.0  | 0.0     | 0.613 1.0 | 46.1      | -8.6 -40.8 41.9 | 258            | 0.0                     | 0.25 1.0  |         |  |  |
| 290                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 256               | 258               | 0.0            | 0.233 1.0                  | 32.2            | 15.3                       | -40.3 43.1      | 290             | 0.0                        | 0.641 1.0       | 47.0       | -10.1 -40.9 42.2 | 256            | 0.0                     | 0.233 1.0 | 0.0     | 0.603 1.0 | 45.7      | -7.9 -40.9 41.7 | 258            | 0.0                     | 0.233 1.0 |         |  |  |
| 292                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 257               | 259               | 0.0            | 0.216 1.0                  | 31.7            | 16.4                       | -40.3 43.6      | 292             | 0.0                        | 0.624 1.0       | 46.5       | -9.3 -40.8 42.0  | 257            | 0.0                     | 0.217 1.0 | 0.0     | 0.593 1.0 | 45.3      | -7.2 -40.9 41.6 | 259            | 0.0                     | 0.217 1.0 |         |  |  |
| 293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 258               | 260               | 0.0            | 0.2 1.0                    | 31.1            | 17.5                       | -40.4 44.0      | 293             | 0.0                        | 0.613 1.0       | 46.1       | -8.6 -40.8 41.9  | 258            | 0.0                     | 0.2 1.0   | 0.0     | 0.583 1.0 | 44.9      | -6.6 -40.9 41.5 | 260            | 0.0                     | 0.2 1.0   |         |  |  |
| 294                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 259               | 261               | 0.0            | 0.183 1.0                  | 30.6            | 18.5                       | -40.4 44.5      | 294             | 0.0                        | 0.602 1.0       | 45.7       | -7.9 -40.9 41.7  | 259            | 0.0                     | 0.183 1.0 | 0.0     | 0.573 1.0 | 44.5      | -5.9 -40.9 41.4 | 261            | 0.0                     | 0.183 1.0 |         |  |  |
| 295                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 260               | 262               | 0.0            | 0.166 1.0                  | 30.0            | 19.6                       | -40.4 44.9      | 295             | 0.0                        | 0.591 1.0       | 45.3       | -7.1 -40.9 41.6  | 260            | 0.0                     | 0.167 1.0 | 0.0     | 0.562 1.0 | 44.1      | -5.2 -40.9 41.3 | 262            | 0.0                     | 0.167 1.0 |         |  |  |
| 297                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 261               | 263               | 0.0            | 0.15 1.0                   | 29.5            | 20.7                       | -40.4 45.4      | 297             | 0.0                        | 0.58 1.0        | 44.8       | -6.4 -40.9 41.5  | 261            | 0.0                     | 0.15 1.0  | 0.0     | 0.552 1.0 | 43.7      | -4.5 -40.9 41.2 | 263            | 0.0                     | 0.15 1.0  |         |  |  |
| 298                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 262               | 264               | 0.0            | 0.133 1.0                  | 28.9            | 21.8                       | -40.3 45.8      | 298             | 0.0                        | 0.569 1.0       | 44.4       | -5.7 -40.9 41.4  | 262            | 0.0                     | 0.133 1.0 | 0.0     | 0.542 1.0 | 43.4      | -3.9 -40.8 41.1 | 264            | 0.0                     | 0.133 1.0 |         |  |  |
| 299                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 263               | 265               | 0.0            | 0.116 1.0                  | 28.4            | 22.8                       | -40.3 46.3      | 299             | 0.0                        | 0.558 1.0       | 44.0       | -4.9 -40.9 41.3  | 263            | 0.0                     | 0.117 1.0 | 0.0     | 0.532 1.0 | 43.0      | -3.2 -40.8 41.0 | 265            | 0.0                     | 0.117 1.0 |         |  |  |
| 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 264               | 266               | 0.0            | 0.1 1.0                    | 27.9            | 23.8                       | -40.4 46.9      | 300             | 0.0                        | 0.547 1.0       | 43.5       | -4.2 -40.8 41.2  | 264            | 0.0                     | 0.1 1.0   | 0.0     | 0.522 1.0 | 42.6      | -2.6 -40.7 40.9 | 266            | 0.0                     | 0.1 1.0   |         |  |  |
| 301                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 265               | 267               | 0.0            | 0.083 1.0                  | 27.4            | 24.7                       | -40.4 47.4      | 301             | 0.0                        | 0.536 1.0       | 43.1       | -3.5 -40.8 41.1  | 265            | 0.0                     | 0.083 1.0 | 0.0     | 0.512 1.0 | 42.2      | -1.9 -40.7 40.8 | 267            | 0.0                     | 0.083 1.0 |         |  |  |
| 302                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 266               | 268               | 0.0            | 0.066 1.0                  | 26.9            | 25.7                       | -40.4 47.9      | 302             | 0.0                        | 0.525 1.0       | 42.7       | -2.8 -40.7 40.9  | 266            | 0.0                     | 0.067 1.0 | 0.0     | 0.502 1.0 | 41.8      | -1.3 -40.6 40.7 | 268            | 0.0                     | 0.067 1.0 |         |  |  |
| 303                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 267               | 269               | 0.0            | 0.049 1.0                  | 26.5            | 26.6                       | -40.5 48.4      | 303             | 0.0                        | 0.514 1.0       | 42.3       | -2.0 -40.7 40.8  | 267            | 0.0                     | 0.05 1.0  | 0.0     | 0.491 1.0 | 41.4      | -0.6 -40.6 40.7 | 269            | 0.0                     | 0.05 1.0  |         |  |  |
| 304                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 268               | 269               | 0.0            | 0.033 1.0                  | 26.0            | 27.6                       | -40.4 49.0      | 304             | 0.0                        | 0.503 1.0       | 41.8       | -1.3 -40.6 40.7  | 268            | 0.0                     | 0.033 1.0 | 0.0     | 0.48 1.0  | 41.0      | 0.0 -40.6 40.7  | 269            | 0.0                     | 0.033 1.0 |         |  |  |
| 305                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 269               | 270               | 0.0            | 0.016 1.0                  | 25.5            | 28.6                       | -40.4 49.5      | 305             | 0.0                        | 0.491 1.0       | 41.4       | -0.6 -40.6 40.7  | 269            | 0.0                     | 0.017 1.0 | 0.0     | 0.469 1.0 | 40.6      | 0.6 -40.6 40.7  | 270            | 0.0                     | 0.017 1.0 |         |  |  |
| 306                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 270               | 271               | 0.0            | 0.0 1.0                    | 25.0            | 29.5                       | -40.4 50.0      | 306             | <b>B<sub>d</sub></b>       | 0.0             | 0.479 1.0  | 41.0             | 0.0 -40.6 40.7 | <b>270B<sub>s</sub></b> | 0.0       | 0.0 1.0 | 0.0       | 0.458 1.0 | 40.3            | 1.2 -40.6 40.7 | <b>271B<sub>e</sub></b> | 0.0       | 0.0 1.0 |  |  |
| 307                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 271               | 272               | 0.016 0.0      | 1.0                        | 25.4            | 30.4                       | -39.9 50.2      | 307             | 0.0                        | 0.467 1.0       | 40.6       | 0.7 -40.6 40.7   | 271            | 0.017 0.0               | 1.0       | 0.0     | 0.447 1.0 | 39.9      | 1.9 -40.5 40.7  | 272            | 0.017 0.0               | 1.0       |         |  |  |
| 308                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 272               | 273               | 0.033 0.0      | 1.0                        | 25.8            | 31.3                       | -39.4 50.4      | 308             | 0.0                        | 0.455 1.0       | 40.2       | 1.4 -40.6 40.7   | 272            | 0.033 0.0               | 1.0       | 0.0     | 0.435 1.0 | 39.5      | 2.6 -40.5 40.7  | 273            | 0.033 0.0               | 1.0       |         |  |  |
| 309                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 273               | 274               | 0.05 0.0       | 1.0                        | 26.2            | 32.2                       | -38.9 50.5      | 309             | 0.0                        | 0.443 1.0       | 39.7       | 2.1 -40.5 40.7   | 273            | 0.05 0.0                | 1.0       | 0.0     | 0.424 1.0 | 39.1      | 3.3 -40.5 40.7  | 274            | 0.05 0.0                | 1.0       |         |  |  |
| 310                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 274               | 275               | 0.066 0.0      | 1.0                        | 26.5            | 33.1                       | -38.4 50.7      | 310             | 0.0                        | 0.431 1.0       | 39.3       | 2.8 -40.5 40.7   | 274            | 0.067 0.0               | 1.0       | 0.0     | 0.413 1.0 | 38.7      | 3.9 -40.4 40.7  | 275            | 0.067 0.0               | 1.0       |         |  |  |
| 311                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 275               | 276               | 0.083 0.0      | 1.0                        | 26.9            | 33.9                       | -37.8 50.8      | 311             | 0.0                        | 0.419 1.0       | 38.9       | 3.5 -40.4 40.7   | 275            | 0.083 0.0               | 1.0       | 0.0     | 0.401 1.0 | 38.3      | 4.6 -40.3 40.7  | 276            | 0.083 0.0               | 1.0       |         |  |  |
| 313                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 276               | 277               | 0.1 0.0        | 1.0                        | 27.3            | 34.8                       | -37.3 51.0      | 313             | 0.0                        | 0.407 1.0       | 38.5       | 4.3 -40.4 40.7   | 276            | 0.1 0.0                 | 1.0       | 0.0     | 0.39 1.0  | 37.9      | 5.3 -40.3 40.7  | 277            | 0.1 0.0                 | 1.0       |         |  |  |
| 314                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 277               | 278               | 0.116 0.0      | 1.0                        | 27.7            | 35.6                       | -36.7 51.1      | 314             | 0.0                        | 0.395 1.0       | 38.1       | 5.0 -40.3 40.7   | 277            | 0.117 0.0               | 1.0       | 0.0     | 0.378 1.0 | 37.5      | 5.9 -40.2 40.7  | 278            | 0.117 0.0               | 1.0       |         |  |  |
| 315                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 278               | 279               | 0.133 0.0      | 1.0                        | 27.9            | 36.4                       | -36.2 51.3      | 315             | 0.0                        | 0.383 1.0       | 37.6       | 5.7 -40.2 40.7   | 278            | 0.133 0.0               | 1.0       | 0.0     | 0.367 1.0 | 37.1      | 6.6 -40.2 40.8  | 279            | 0.133 0.0               | 1.0       |         |  |  |
| 316                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 279               | 280               | 0.15 0.0       | 1.0                        | 28.1            | 37.2                       | -35.7 51.6      | 316             | 0.0                        | 0.371 1.0       | 37.2       | 6.4 -40.2 40.8   | 279            | 0.15 0.0                | 1.0       | 0.0     | 0.357 1.0 | 36.7      | 7.3 -40.2 41.0  | 280            | 0.15 0.0                | 1.0       |         |  |  |
| 317                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 280               | 281               | 0.166 0.0      | 1.0                        | 28.2            | 38.0                       | -35.2 51.9      | 317             | 0.0                        | 0.36 1.0        | 36.8       | 7.1 -40.2 41.0   | 280            | 0.167 0.0               | 1.0       | 0.0     | 0.346 1.0 | 36.3      | 8.0 -40.3 41.2  | 281            | 0.167 0.0               | 1.0       |         |  |  |
| 318                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 281               | 282               | 0.183 0.0      | 1.0                        | 28.3            | 38.8                       | -34.7 52.1      | 318             | 0.0                        | 0.348 1.0       | 36.4       | 7.8 -40.3 41.1   | 281            | 0.183 0.0               | 1.0       | 0.0     | 0.335 1.0 | 35.9      | 8.7 -40.3 41.3  | 282            | 0.183 0.0               | 1.0       |         |  |  |
| 319                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 282               | 283               | 0.2 0.0        | 1.0                        | 28.5            | 39.6                       | -34.2 52.4      | 319             | 0.0                        | 0.337 1.0       | 36.0       | 8.6 -40.3 41.3   | 282            | 0.2 0.0                 | 1.0       | 0.0     | 0.324 1.0 | 35.5      | 9.4 -40.3 41.5  | 283            | 0.2 0.0                 | 1.0       |         |  |  |
| 320                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 283               | 284               | 0.216 0.0      | 1.0                        | 28.6            | 40.4                       | -33.7 52.6      | 320             | 0.0                        | 0.326 1.0       | 35.6       | 9.3 -40.3 41.5   | 283            | 0.217 0.0               | 1.0       | 0.0     | 0.313 1.0 | 35.1      | 10.1 -40.3 41.7 | 284            | 0.217 0.0               | 1.0       |         |  |  |
| 321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 284               | 285               | 0.233 0.0      | 1.0                        | 28.7            | 41.2                       | -33.1 52.9      | 321             | 0.0                        | 0.314 1.0       | 35.2       | 10.1 -40.3 41.7  | 284            | 0.233 0.0               | 1.0       | 0.0     | 0.303 1.0 | 34.8      | 10.8 -40.3 41.9 | 285            | 0.233 0.0               | 1.0       |         |  |  |
| 322                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 285               | 285               | 0.25 0.0       | 1.0                        | 28.8            | 41.9                       | -32.5 53.1      | 322             | 0.0                        | 0.303 1.0       | 34.8       | 10.8 -40.3 41.9  | 285            | 0.25 0.0                | 1.0       | 0.0     | 0.292 1.0 | 34.4      | 11.6 -40.3 42.0 | 285            | 0.25 0.0                | 1.0       |         |  |  |
| 323                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 286               | 286               | 0.266 0.0      | 1.0                        | 29.4            | 43.3                       | -31.8 53.8      | 323             | 0.0                        | 0.291 1.0       | 34.3       | 11.6 -40.3 42.0  | 286            | 0.267 0.0               | 1.0       | 0.0     | 0.281 1.0 | 34.0      | 12.3 -40.3 42.2 | 286            | 0.267 0.0               | 1.0       |         |  |  |
| 325                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 287               | 287               | 0.283 0.0      | 1.0                        | 29.9            | 44.7                       | -31.1 54.4      | 325             | 0.0                        | 0.28 1.0        | 33.9       | 12.3 -40.3 42.2  | 287            | 0.283 0.0               | 1.0       | 0.0     | 0.27 1.0  | 33.6      | 13.0 -40.2 42.4 | 287            | 0.283 0.0               | 1.0       |         |  |  |
| 326                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 288               | 288               | 0.3 0.0        | 1.0                        | 30.4            | 46.0                       | -30.3 55.1      | 326             | 0.0                        | 0.269 1.0       | 33.5       | 13.1 -40.2 42.4  | 288            | 0.3 0.0                 | 1.0       | 0.0     | 0.26 1.0  | 33.2      | 13.7 -40.2 42.5 | 288            | 0.3 0.0                 | 1.0       |         |  |  |
| 328                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 289               | 289               | 0.316 0.0      | 1.0                        | 30.9            | 47.3                       | -29.4 55.7      | 328             | 0.0                        | 0.257 1.0       | 33.1       | 13.9 -40.2 42.6  | 289            | 0.317 0.0               | 1.0       | 0.0     | 0.249 1.0 | 32.8      | 14.4 -40.1 42.7 | 289            | 0.317 0.0               | 1.0       |         |  |  |
| 329                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 290               | 290               | 0.333 0.0      | 1.0                        | 31.4            | 48.6                       | -28.5 56.4      | 329             | 0.0                        | 0.245 1.0       | 32.7       | 14.6 -40.1 42.8  | 290            | 0.333 0.0               | 1.0       | 0.0     | 0.236 1.0 | 32.4      | 15.2 -40.2 43.1 | 290            | 0.333 0.0               | 1.0       |         |  |  |
| 331                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 291               | 291               | 0.35 0.0       | 1.0                        | 32.0            | 49.9                       | -27.5 57.0      | 331             | 0.0                        | 0.232 1.0       | 32.2       | 15.5 -40.2 43.2  | 291            | 0.35 0.0                | 1.0       | 0.0     | 0.223 1.0 | 32.0      | 16.0 -40.3 43.4 | 291            | 0.35 0.0                | 1.0       |         |  |  |
| 332                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 292               | 292               | 0.366 0.0      | 1.0                        | 32.5            | 51.2                       | -26.5 57.7      | 332             | 0.0                        | 0.219 1.0       | 31.8       | 16.3 -40.3 43.6  | 292            | 0.367 0.0               | 1.0       | 0.0     | 0.211 1.0 | 31.5      | 16.8 -40.3 43.8 | 292            | 0.367 0.0               | 1.0       |         |  |  |
| 333                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 293               | 293               | 0.383 0.0      | 1.0                        | 32.9            | 52.3                       | -25.7 58.3      | 333             | 0.0                        | 0.205 1.0       | 31.4       | 17.2 -40.3 43.9  | 293            | 0.383 0.0               |           |         |           |           |                 |                |                         |           |         |  |  |

0-1131431-L0 QG280-73 LAB\*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB\*nw=24.4

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmy0\*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBCM<sub>s</sub>:  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Sechs Bunttonwinkel der Gerätefarben RYGBCM<sub>d</sub>:  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Sechs Bunttonwinkel der Elementarfarben RYGBCM<sub>e</sub>:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ | $LAB^*_{d361Mi}$ (x=LabCh) | $rgb^*_{ds361Mi}$   | $LAB^*_{ds361Mi}$ (x=LabCh) | $rgb^*_{dd361Mi}$ | $LAB^*_{de361Mi}$ | $rgb^*_{dex361Mi}$ (x=LabCh) | $rgb^*_{dd361Mi}$ |
|------------|------------|------------|------------------|----------------------------|---------------------|-----------------------------|-------------------|-------------------|------------------------------|-------------------|
| 340        | 300        | 300        | 0.5 0.0 1.0      | 35.6 58.6 -20.7 62.1 340   | 0.0 0.109 1.0       | 28.2 23.3 -40.3 46.6 300    | 0.5 0.0 1.0       | 0.0 0.106 1.0     | 28.1 23.5 -40.3 46.7 300     | 0.5 0.0 1.0       |
| 341        | 301        | 301        | 0.516 0.0 1.0    | 35.9 59.5 -19.9 62.8 341   | 0.0 0.091 1.0       | 27.7 24.3 -40.3 47.2 301    | 0.517 0.0 1.0     | 0.0 0.089 1.0     | 27.6 24.4 -40.3 47.2 301     | 0.517 0.0 1.0     |
| 342        | 302        | 302        | 0.533 0.0 1.0    | 36.2 60.5 -19.0 63.4 342   | 0.0 0.074 1.0       | 27.2 25.3 -40.4 47.7 302    | 0.533 0.0 1.0     | 0.0 0.073 1.0     | 27.2 25.4 -40.4 47.8 302     | 0.533 0.0 1.0     |
| 343        | 303        | 303        | 0.55 0.0 1.0     | 36.6 61.4 -18.2 64.0 343   | 0.0 0.056 1.0       | 26.7 26.3 -40.4 48.3 303    | 0.55 0.0 1.0      | 0.0 0.056 1.0     | 26.7 26.3 -40.4 48.3 303     | 0.55 0.0 1.0      |
| 344        | 304        | 303        | 0.566 0.0 1.0    | 36.9 62.3 -17.3 64.7 344   | 0.0 0.039 1.0       | 26.2 27.3 -40.4 48.9 304    | 0.567 0.0 1.0     | 0.0 0.039 1.0     | 26.2 27.3 -40.4 48.8 303     | 0.567 0.0 1.0     |
| 345        | 305        | 304        | 0.583 0.0 1.0    | 37.2 63.2 -16.4 65.3 345   | 0.0 0.021 1.0       | 25.7 28.3 -40.4 49.4 305    | 0.583 0.0 1.0     | 0.0 0.023 1.0     | 25.7 28.2 -40.4 49.4 304     | 0.583 0.0 1.0     |
| 346        | 306        | 305        | 0.6 0.0 1.0      | 37.6 64.1 -15.4 66.0 346   | 0.0 0.004 1.0       | 25.2 29.4 -40.3 50.0 306    | 0.6 0.0 1.0       | 0.0 0.006 1.0     | 25.3 29.2 -40.3 49.9 305     | 0.6 0.0 1.0       |
| 347        | 307        | 306        | 0.616 0.0 1.0    | 37.9 65.0 -14.5 66.6 347   | 0.011 0.0 1.0       | 25.3 30.2 -40.0 50.2 307    | 0.617 0.0 1.0     | 0.009 0.0 1.0     | 25.3 30.1 -40.1 50.2 306     | 0.617 0.0 1.0     |
| 348        | 308        | 307        | 0.633 0.0 1.0    | 38.3 65.8 -13.7 67.2 348   | 0.026 0.0 1.0       | 25.7 31.0 -39.6 50.3 308    | 0.633 0.0 1.0     | 0.023 0.0 1.0     | 25.6 30.8 -39.7 50.3 307     | 0.633 0.0 1.0     |
| 348        | 309        | 308        | 0.65 0.0 1.0     | 38.8 66.6 -13.1 67.9 348   | 0.041 0.0 1.0       | 26.0 31.8 -39.1 50.5 309    | 0.65 0.0 1.0      | 0.036 0.0 1.0     | 25.9 31.5 -39.3 50.4 308     | 0.65 0.0 1.0      |
| 349        | 310        | 309        | 0.666 0.0 1.0    | 39.3 67.3 -12.5 68.5 349   | 0.056 0.0 1.0       | 26.3 32.5 -38.7 50.6 310    | 0.667 0.0 1.0     | 0.05 0.0 1.0      | 26.2 32.3 -38.8 50.6 309     | 0.667 0.0 1.0     |
| 350        | 311        | 310        | 0.683 0.0 1.0    | 39.8 68.1 -11.9 69.1 350   | 0.07 0.0 1.0        | 26.7 33.3 -38.2 50.8 311    | 0.683 0.0 1.0     | 0.064 0.0 1.0     | 26.5 33.0 -38.4 50.7 310     | 0.683 0.0 1.0     |
| 350        | 312        | 311        | 0.7 0.0 1.0      | 40.3 68.8 -11.2 69.7 350   | 0.085 0.0 1.0       | 27.0 34.1 -37.7 50.9 312    | 0.7 0.0 1.0       | 0.078 0.0 1.0     | 26.9 33.7 -37.9 50.8 311     | 0.7 0.0 1.0       |
| 351        | 313        | 312        | 0.716 0.0 1.0    | 40.8 69.5 -10.6 70.4 351   | 0.1 0.0 1.0         | 27.3 34.8 -37.2 51.0 313    | 0.717 0.0 1.0     | 0.092 0.0 1.0     | 27.2 34.4 -37.5 51.0 312     | 0.717 0.0 1.0     |
| 351        | 314        | 313        | 0.733 0.0 1.0    | 41.3 70.3 -9.9 71.0 351    | 0.114 0.0 1.0       | 27.7 35.5 -36.7 51.2 314    | 0.733 0.0 1.0     | 0.106 0.0 1.0     | 27.5 35.1 -37.0 51.1 313     | 0.733 0.0 1.0     |
| 352        | 315        | 314        | 0.75 0.0 1.0     | 41.8 71.0 -9.2 71.6 352    | 0.13 0.0 1.0        | 27.9 36.3 -36.2 51.3 315    | 0.75 0.0 1.0      | 0.12 0.0 1.0      | 27.8 35.8 -36.5 51.2 314     | 0.75 0.0 1.0      |
| 353        | 316        | 315        | 0.766 0.0 1.0    | 42.1 71.6 -8.7 72.1 353    | 0.146 0.0 1.0       | 28.1 37.1 -35.7 51.6 316    | 0.767 0.0 1.0     | 0.135 0.0 1.0     | 28.0 36.6 -36.0 51.4 315     | 0.767 0.0 1.0     |
| 353        | 317        | 316        | 0.783 0.0 1.0    | 42.4 72.1 -8.1 72.6 353    | 0.163 0.0 1.0       | 28.2 37.9 -35.3 51.8 317    | 0.783 0.0 1.0     | 0.151 0.0 1.0     | 28.1 37.3 -35.6 51.7 316     | 0.783 0.0 1.0     |
| 353        | 318        | 317        | 0.8 0.0 1.0      | 42.7 72.7 -7.6 73.1 353    | 0.18 0.0 1.0        | 28.3 38.7 -34.8 52.1 318    | 0.8 0.0 1.0       | 0.167 0.0 1.0     | 28.2 38.1 -35.1 51.9 317     | 0.8 0.0 1.0       |
| 354        | 319        | 318        | 0.816 0.0 1.0    | 43.1 73.2 -7.0 73.6 354    | 0.197 0.0 1.0       | 28.5 39.5 -34.2 52.4 319    | 0.817 0.0 1.0     | 0.183 0.0 1.0     | 28.4 38.9 -34.7 52.1 318     | 0.817 0.0 1.0     |
| 354        | 320        | 319        | 0.833 0.0 1.0    | 43.4 73.8 -6.5 74.1 354    | 0.213 0.0 1.0       | 28.6 40.3 -33.7 52.6 320    | 0.833 0.0 1.0     | 0.199 0.0 1.0     | 28.5 39.6 -34.2 52.4 319     | 0.833 0.0 1.0     |
| 355        | 321        | 320        | 0.85 0.0 1.0     | 43.7 74.3 -5.9 74.6 355    | 0.23 0.0 1.0        | 28.7 41.1 -33.2 52.9 321    | 0.85 0.0 1.0      | 0.215 0.0 1.0     | 28.6 40.4 -33.7 52.6 320     | 0.85 0.0 1.0      |
| 355        | 322        | 321        | 0.866 0.0 1.0    | 44.0 74.9 -5.3 75.1 355    | 0.247 0.0 1.0       | 28.9 41.9 -32.6 53.1 322    | 0.867 0.0 1.0     | 0.231 0.0 1.0     | 28.7 41.1 -33.2 52.9 321     | 0.867 0.0 1.0     |
| 356        | 323        | 321        | 0.883 0.0 1.0    | 44.3 75.4 -4.7 75.6 356    | 0.259 0.0 1.0       | 29.2 42.7 -32.1 53.5 323    | 0.883 0.0 1.0     | 0.247 0.0 1.0     | 28.9 41.8 -32.6 53.1 321     | 0.883 0.0 1.0     |
| 356        | 324        | 322        | 0.9 0.0 1.0      | 44.6 76.0 -4.1 76.1 356    | 0.27 0.0 1.0        | 29.5 43.7 -31.6 54.0 324    | 0.9 0.0 1.0       | 0.258 0.0 1.0     | 29.2 42.7 -32.1 53.5 322     | 0.9 0.0 1.0       |
| 357        | 325        | 323        | 0.916 0.0 1.0    | 44.8 76.6 -3.5 76.6 357    | 0.282 0.0 1.0       | 29.9 44.6 -31.1 54.4 325    | 0.917 0.0 1.0     | 0.269 0.0 1.0     | 29.5 43.5 -31.7 53.9 323     | 0.917 0.0 1.0     |
| 357        | 326        | 324        | 0.933 0.0 1.0    | 45.1 77.1 -2.8 77.2 357    | 0.293 0.0 1.0       | 30.2 45.5 -30.6 54.8 326    | 0.933 0.0 1.0     | 0.28 0.0 1.0      | 29.8 44.4 -31.2 54.3 324     | 0.933 0.0 1.0     |
| 358        | 327        | 325        | 0.95 0.0 1.0     | 45.3 77.7 -2.2 77.7 358    | 0.304 0.0 1.0       | 30.6 46.4 -30.0 55.3 327    | 0.95 0.0 1.0      | 0.29 0.0 1.0      | 30.1 45.2 -30.7 54.7 325     | 0.95 0.0 1.0      |
| 358        | 328        | 326        | 0.966 0.0 1.0    | 45.6 78.2 -1.5 78.2 358    | 0.315 0.0 1.0       | 30.9 47.2 -29.4 55.7 328    | 0.967 0.0 1.0     | 0.301 0.0 1.0     | 30.5 46.1 -30.2 55.1 326     | 0.967 0.0 1.0     |
| 359        | 329        | 327        | 0.983 0.0 1.0    | 45.8 78.7 -0.8 78.7 359    | 0.326 0.0 1.0       | 31.3 48.1 -28.8 56.1 329    | 0.983 0.0 1.0     | 0.311 0.0 1.0     | 30.8 46.9 -29.6 55.6 327     | 0.983 0.0 1.0     |
| 359        | 330        | 328        | 1.0 0.0 1.0      | 46.1 79.3 -0.2 79.3 359    | $M_d$ 0.337 0.0 1.0 | 31.6 49.0 -28.2 56.6 330    | $M_s$ 1.0 0.0 1.0 | 0.322 0.0 1.0     | 31.1 47.8 -29.1 56.0 328     | $M_e$ 1.0 0.0 1.0 |
| 360        | 331        | 329        | 1.0 0.0 0.983    | 46.1 79.1 0.3 79.1 360     | 0.349 0.0 1.0       | 32.0 49.9 -27.5 57.0 331    | 1.0 0.0 0.983     | 0.332 0.0 1.0     | 31.5 48.6 -28.5 56.4 329     | 1.0 0.0 0.983     |
| 360        | 332        | 330        | 1.0 0.0 0.966    | 46.0 79.0 0.9 79.0 360     | 0.36 0.0 1.0        | 32.3 50.7 -26.9 57.5 332    | 1.0 0.0 0.967     | 0.343 0.0 1.0     | 31.8 49.4 -27.9 56.8 330     | 1.0 0.0 0.967     |
| 361        | 333        | 331        | 1.0 0.0 0.95     | 46.0 78.9 1.5 78.9 361     | 0.371 0.0 1.0       | 32.7 51.6 -26.2 57.9 333    | 1.0 0.0 0.95      | 0.354 0.0 1.0     | 32.1 50.3 -27.2 57.2 331     | 1.0 0.0 0.95      |
| 361        | 334        | 332        | 1.0 0.0 0.933    | 46.0 78.7 2.1 78.8 361     | 0.386 0.0 1.0       | 33.0 52.5 -25.5 58.4 334    | 1.0 0.0 0.933     | 0.364 0.0 1.0     | 32.4 51.1 -26.6 57.6 332     | 1.0 0.0 0.933     |
| 361        | 335        | 333        | 1.0 0.0 0.916    | 46.0 78.6 2.7 78.6 361     | 0.404 0.0 1.0       | 33.4 53.5 -24.8 59.0 335    | 1.0 0.0 0.917     | 0.375 0.0 1.0     | 32.8 51.9 -25.9 58.0 333     | 1.0 0.0 0.917     |
| 362        | 336        | 334        | 1.0 0.0 0.9      | 46.0 78.4 3.2 78.5 362     | 0.421 0.0 1.0       | 33.8 54.4 -24.1 59.6 336    | 1.0 0.0 0.9       | 0.391 0.0 1.0     | 33.1 52.8 -25.3 58.6 334     | 1.0 0.0 0.9       |
| 362        | 337        | 335        | 1.0 0.0 0.883    | 45.9 78.3 3.8 78.4 362     | 0.438 0.0 1.0       | 34.2 55.4 -23.4 60.1 337    | 1.0 0.0 0.883     | 0.408 0.0 1.0     | 33.5 53.7 -24.7 59.1 335     | 1.0 0.0 0.883     |
| 363        | 338        | 336        | 1.0 0.0 0.866    | 45.9 78.1 4.4 78.3 363     | 0.456 0.0 1.0       | 34.6 56.3 -22.6 60.7 338    | 1.0 0.0 0.867     | 0.424 0.0 1.0     | 33.9 54.6 -24.0 59.7 336     | 1.0 0.0 0.867     |
| 363        | 339        | 337        | 1.0 0.0 0.85     | 45.9 78.0 5.0 78.2 363     | 0.473 0.0 1.0       | 35.0 57.2 -21.9 61.3 339    | 1.0 0.0 0.85      | 0.441 0.0 1.0     | 34.3 55.5 -23.3 60.2 337     | 1.0 0.0 0.85      |
| 364        | 340        | 338        | 1.0 0.0 0.833    | 45.9 77.9 5.6 78.1 364     | 0.491 0.0 1.0       | 35.4 58.1 -21.1 61.9 340    | 1.0 0.0 0.833     | 0.457 0.0 1.0     | 34.6 56.4 -22.6 60.8 338     | 1.0 0.0 0.833     |
| 364        | 341        | 339        | 1.0 0.0 0.816    | 45.9 77.7 6.2 78.0 364     | 0.508 0.0 1.0       | 35.8 59.1 -20.2 62.5 341    | 1.0 0.0 0.817     | 0.474 0.0 1.0     | 35.0 57.2 -21.8 61.3 339     | 1.0 0.0 0.817     |
| 365        | 342        | 339        | 1.0 0.0 0.8      | 45.9 77.6 6.8 77.9 365     | 0.525 0.0 1.0       | 36.1 60.0 -19.4 63.1 342    | 1.0 0.0 0.8       | 0.491 0.0 1.0     | 35.4 58.1 -21.1 61.8 339     | 1.0 0.0 0.8       |
| 365        | 343        | 340        | 1.0 0.0 0.783    | 45.9 77.4 7.4 77.8 365     | 0.542 0.0 1.0       | 36.4 61.0 -18.5 63.8 343    | 1.0 0.0 0.783     | 0.507 0.0 1.0     | 35.7 59.0 -20.3 62.4 340     | 1.0 0.0 0.783     |
| 365        | 344        | 341        | 1.0 0.0 0.766    | 45.9 77.3 8.0 77.7 365     | 0.559 0.0 1.0       | 36.8 61.9 -17.7 64.4 344    | 1.0 0.0 0.767     | 0.523 0.0 1.0     | 36.1 59.9 -19.5 63.0 341     | 1.0 0.0 0.767     |
| 366        | 345        | 342        | 1.0 0.0 0.75     | 45.9 77.1 8.6 77.6 366     | 0.576 0.0 1.0       | 37.1 62.9 -16.7 65.1 345    | 1.0 0.0 0.75      | 0.539 0.0 1.0     | 36.4 60.8 -18.7 63.7 342     | 1.0 0.0 0.75      |

0-1131531-L0 QG280-73 LAB\*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB\*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

TUB-Prüfvorlage QG28; Bunttoncode: H\*e=R75Ye  
48-stufige Farbkreise;  $rgb-LabCh$ -Tabellen

Eingabe:  $rgb/cmyk \rightarrow rgb_{de}$   
Ausgabe: 3D-Linearisierung  $cmy0^*_{de}$

Ausgabe: Offset-Normdruck; Separation cmy0\*, D65, Seite 16/33

0-1131531-F0

TUB-Registrierung: 20130201-QG28/QG28L0FP.PDF /.PS  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmy0\* (CMY0)

TUB-Material: Code=rh4ta

Ausgabe: Offset-Normdruck; Separation cmy0\*, D65, Seite 17/33

Eingabe:  $rgb/cmyk \rightarrow rgb_{de}$   
Ausgabe: 3D-Linearisierung











[illegible]



http://130.149.60.45/~farbmatrik/QG28/QG28L0FP.PDF /.PS; 3D-Linearisierung  
F: 3D-Linearisierung QG28/QG28LG30FP.DAT in Datei (F), Seite 23/33

| n   | H1C*File       | rgb*File          | lch*File          | hsa*File | rgb*File          | LabCh*File | cmyn*SepFile | hsm*File | rgb*File      | LabCh*File |
|-----|----------------|-------------------|-------------------|----------|-------------------|------------|--------------|----------|---------------|------------|
| 243 | R00Y.037.037de | 0.375 0.0 0.125   | 0.375 0.375 0.187 | 390      | 0.375 0.0 0.095   | 32.3 27.0  | 0.671 0.921  | 375      | 1.0 0.0 0.254 | 456 72.2   |
| 244 | R10Y.037.037de | 0.375 0.0 0.125   | 0.375 0.375 0.187 | 391      | 0.375 0.0 0.31    | 32.4 27.0  | 0.68 0.92    | 339      | 1.0 0.0 0.827 | 456 72.2   |
| 245 | R20Y.037.037de | 0.375 0.0 0.125   | 0.375 0.375 0.187 | 392      | 0.375 0.0 0.375   | 32.4 27.0  | 0.68 0.92    | 339      | 1.0 0.0 0.827 | 456 72.2   |
| 246 | B65R.037.037de | 0.375 0.0 0.125   | 0.375 0.375 0.187 | 340      | 0.226 0.0 0.375   | 29.3 24.1  | 0.778 0.953  | 306      | 0.603 0.0 1.0 | 376 64.3   |
| 247 | B38R.050.050de | 0.375 0.0 0.125   | 0.375 0.375 0.187 | 349      | 0.12 0.0 0.375    | 26.9 17.9  | 0.887 0.986  | 288      | 0.321 0.0 1.0 | 376 64.3   |
| 248 | B38R.062.062de | 0.375 0.0 0.125   | 0.375 0.375 0.187 | 316      | 0.067 0.0 0.5     | 26.1 18.2  | 0.924 0.993  | 277      | 0.135 0.0 1.0 | 279 36.5   |
| 249 | B25R.075.075de | 0.375 0.0 0.125   | 0.375 0.375 0.187 | 307      | 0.005 0.0 0.625   | 24.9 18.7  | 0.977 1.0    | 270      | 0.008 0.0 1.0 | 252 30.0   |
| 250 | B20R.087.087de | 0.375 0.0 0.125   | 0.375 0.375 0.187 | 295      | 0.0 0.079 0.75    | 21.7 16.8  | 0.984 0.991  | 264      | 0.0 0.105 1.0 | 281 23.4   |
| 251 | B18R.100.100de | 0.375 0.0 0.125   | 0.375 0.375 0.187 | 292      | 0.0 0.21 1.0      | 16.5 12.6  | 0.984 0.991  | 258      | 0.0 0.173 1.0 | 302 19.4   |
| 252 | R31Y.037.037de | 0.375 0.125 0.0   | 0.375 0.375 0.187 | 49       | 0.375 0.092 0.0   | 35.3 19.6  | 0.666 0.666  | 43       | 1.0 0.246 0.0 | 53.5 76.1  |
| 253 | R00Y.037.025de | 0.375 0.125 0.125 | 0.375 0.375 0.187 | 390      | 0.375 0.124 0.188 | 38.6 18.0  | 0.655 0.655  | 375      | 1.0 0.0 0.254 | 52.2 75.3  |
| 254 | R00Y.037.025de | 0.375 0.125 0.125 | 0.375 0.375 0.187 | 390      | 0.375 0.124 0.188 | 38.6 18.0  | 0.655 0.655  | 375      | 1.0 0.0 0.254 | 52.2 75.3  |
| 255 | B50R.037.025de | 0.375 0.125 0.375 | 0.375 0.125 0.312 | 360      | 0.309 0.124 0.375 | 34.9 11.9  | 0.778 0.778  | 315      | 0.736 0.0 1.0 | 41.4 70.4  |
| 256 | B50R.037.025de | 0.375 0.125 0.375 | 0.375 0.125 0.312 | 360      | 0.309 0.124 0.375 | 34.9 11.9  | 0.778 0.778  | 315      | 0.736 0.0 1.0 | 41.4 70.4  |
| 257 | B25R.062.050de | 0.375 0.125 0.625 | 0.375 0.375 0.187 | 311      | 0.149 0.124 0.5   | 34.0 12.3  | 0.834 0.793  | 288      | 0.064 0.0 1.0 | 26.5 32.9  |
| 258 | B19R.075.062de | 0.375 0.125 0.625 | 0.375 0.375 0.187 | 293      | 0.125 0.248 0.75  | 37.4 11.0  | 0.862 0.862  | 264      | 0.0 0.105 1.0 | 281 23.4   |
| 259 | B15R.087.05de  | 0.375 0.125 0.875 | 0.375 0.375 0.187 | 289      | 0.125 0.31 0.875  | 39.6 10.8  | 0.861 0.861  | 256      | 0.0 0.198 1.0 | 311 17.6   |
| 260 | B13R.100.087de | 0.375 0.125 1.0   | 0.375 0.375 0.187 | 286      | 0.125 0.37 1.0    | 41.6 10.7  | 0.861 0.861  | 254      | 0.0 0.248 1.0 | 328 14.4   |
| 261 | R68Y.037.037de | 0.375 0.25 0.0    | 0.375 0.375 0.187 | 71       | 0.375 0.203 0.0   | 40.5 9.2   | 0.656 0.656  | 62       | 1.0 0.543 0.0 | 67.4 75.9  |
| 262 | R50Y.037.025de | 0.375 0.25 0.125  | 0.375 0.375 0.187 | 60       | 0.375 0.224 0.124 | 42.2 9.5   | 0.656 0.656  | 53       | 1.0 0.398 0.0 | 60.2 38.2  |
| 263 | R00Y.037.012de | 0.375 0.25 0.375  | 0.375 0.125 0.312 | 390      | 0.29 0.249 0.281  | 44.8 9.0   | 0.651 0.651  | 53       | 1.0 0.0 0.254 | 45.6 72.2  |
| 264 | B50R.037.012de | 0.375 0.25 0.375  | 0.375 0.125 0.312 | 330      | 0.249 0.276 0.5   | 43.1 5.8   | 0.709 0.61   | 288      | 0.321 0.0 1.0 | 41.4 70.4  |
| 265 | B25R.062.025de | 0.375 0.25 0.625  | 0.375 0.375 0.187 | 289      | 0.25 0.343 0.625  | 45.3 5.4   | 0.726 0.726  | 264      | 0.0 0.105 1.0 | 281 23.4   |
| 266 | B19R.075.025de | 0.375 0.25 0.625  | 0.375 0.375 0.187 | 284      | 0.25 0.401 0.75   | 47.3 5.4   | 0.726 0.726  | 264      | 0.0 0.105 1.0 | 281 23.4   |
| 267 | B11R.075.050de | 0.375 0.25 0.75   | 0.375 0.5 0.5     | 284      | 0.25 0.459 0.875  | 49.4 5.4   | 0.727 0.727  | 250      | 0.0 0.302 1.0 | 34.7 10.8  |
| 268 | B0R.100.07de   | 0.375 0.25 1.0    | 0.375 0.875 0.875 | 281      | 0.25 0.517 1.0    | 51.4 5.4   | 0.727 0.727  | 250      | 0.0 0.302 1.0 | 34.7 10.8  |
| 269 | Y0C.037.037de  | 0.375 0.375 0.0   | 0.375 0.375 0.187 | 90       | 0.375 0.329 0.0   | 46.5 -1.3  | 0.646 0.646  | 83       | 1.0 0.878 0.0 | 83.6 -3.6  |
| 270 | Y0C.037.037de  | 0.375 0.375 0.0   | 0.375 0.375 0.187 | 90       | 0.375 0.329 0.0   | 46.5 -1.3  | 0.646 0.646  | 83       | 1.0 0.878 0.0 | 83.6 -3.6  |
| 271 | Y0C.037.025de  | 0.375 0.375 0.125 | 0.375 0.125 0.312 | 90       | 0.375 0.344 0.124 | 48.0 -0.9  | 0.644 0.644  | 83       | 1.0 0.878 0.0 | 83.6 -3.6  |
| 272 | Y0C.037.025de  | 0.375 0.375 0.125 | 0.375 0.125 0.312 | 90       | 0.375 0.344 0.124 | 48.0 -0.9  | 0.644 0.644  | 83       | 1.0 0.878 0.0 | 83.6 -3.6  |
| 273 | NW.037de       | 0.375 0.375 0.375 | 0.375 0.125 0.312 | 360      | 0.375 0.375 0.375 | 51.0 0.0   | 0.653 0.653  | 360      | 1.0 1.0 1.0   | 95.6 0.0   |
| 274 | B0R.050.012de  | 0.375 0.375 0.5   | 0.375 0.125 0.437 | 360      | 0.375 0.432 0.5   | 53.0 0.1   | 0.653 0.653  | 242      | 0.0 0.458 1.0 | 40.2 1.2   |
| 275 | B0R.062.025de  | 0.375 0.375 0.625 | 0.375 0.125 0.437 | 270      | 0.375 0.489 0.625 | 55.0 0.3   | 0.648 0.648  | 242      | 0.0 0.458 1.0 | 40.2 1.2   |
| 276 | B0R.075.037de  | 0.375 0.375 0.75  | 0.375 0.375 0.562 | 270      | 0.375 0.546 0.75  | 57.0 0.4   | 0.645 0.645  | 242      | 0.0 0.458 1.0 | 40.2 1.2   |
| 277 | B0R.087.050de  | 0.375 0.375 0.875 | 0.375 0.375 0.562 | 270      | 0.375 0.604 0.875 | 59.0 0.6   | 0.645 0.645  | 242      | 0.0 0.458 1.0 | 40.2 1.2   |
| 278 | B0R.100.062de  | 0.375 0.375 1.0   | 0.375 0.375 0.562 | 270      | 0.375 0.661 1.0   | 61.0 0.7   | 0.646 0.646  | 242      | 0.0 0.458 1.0 | 40.2 1.2   |
| 279 | Y31G.050.050de | 0.375 0.5 0.0     | 0.375 0.312 109   | 131      | 0.302 0.5 0.124   | 50.5 -11.2 | 0.668 0.668  | 113      | 0.605 1.0 0.0 | 74.5 -25.0 |
| 280 | Y31G.050.050de | 0.375 0.5 0.0     | 0.375 0.312 109   | 131      | 0.302 0.5 0.124   | 50.5 -11.2 | 0.668 0.668  | 113      | 0.605 1.0 0.0 | 74.5 -25.0 |
| 281 | Y50C.050.012de | 0.375 0.5 0.375   | 0.5 0.25 0.375    | 120      | 0.375 0.5 0.393   | 54.3 -7.7  | 0.66 0.66    | 158      | 0.0 1.0 0.151 | 50.6 -62.1 |
| 282 | G0B.050.012de  | 0.375 0.5 0.375   | 0.5 0.25 0.375    | 120      | 0.375 0.5 0.393   | 54.3 -7.7  | 0.66 0.66    | 158      | 0.0 1.0 0.151 | 50.6 -62.1 |
| 283 | G0B.050.012de  | 0.375 0.5 0.375   | 0.5 0.25 0.375    | 120      | 0.375 0.5 0.393   | 54.3 -7.7  | 0.66 0.66    | 158      | 0.0 1.0 0.151 | 50.6 -62.1 |
| 284 | G5B.062.025de  | 0.375 0.5 0.625   | 0.625 0.375 0.437 | 210      | 0.375 0.586 0.625 | 58.3 -4.9  | 0.649 0.649  | 218      | 0.0 0.846 1.0 | 53.3 -19.8 |
| 285 | G43B.062.025de | 0.375 0.5 0.625   | 0.625 0.375 0.437 | 210      | 0.375 0.586 0.625 | 58.3 -4.9  | 0.649 0.649  | 218      | 0.0 0.846 1.0 | 53.3 -19.8 |
| 286 | G88B.087.037de | 0.375 0.5 0.875   | 0.375 0.375 0.562 | 251      | 0.375 0.625 0.75  | 59.8 -4.3  | 0.647 0.647  | 229      | 0.0 0.666 1.0 | 47.8 -11.4 |
| 287 | G98B.100.062de | 0.375 0.5 1.0     | 0.375 0.375 0.562 | 256      | 0.375 0.625 0.75  | 59.8 -4.3  | 0.647 0.647  | 229      | 0.0 0.666 1.0 | 47.8 -11.4 |
| 288 | G0B.100.062de  | 0.375 0.5 1.0     | 0.375 0.375 0.562 | 256      | 0.375 0.625 0.75  | 59.8 -4.3  | 0.647 0.647  | 229      | 0.0 0.666 1.0 | 47.8 -11.4 |
| 289 | Y38C.062.062de | 0.375 0.625 0.0   | 0.625 0.625 0.312 | 113      | 0.258 0.625 0.1   | 51.1 -21.2 | 0.684 0.684  | 125      | 0.414 1.0 0.0 | 67.2 -33.9 |
| 290 | Y58C.062.062de | 0.375 0.625 0.125 | 0.625 0.625 0.312 | 113      | 0.258 0.625 0.1   | 51.1 -21.2 | 0.684 0.684  | 125      | 0.414 1.0 0.0 | 67.2 -33.9 |
| 291 | Y68C.062.037de | 0.375 0.625 0.25  | 0.625 0.375 0.437 | 131      | 0.319 0.625 0.25  | 54.2 -19.1 | 0.694 0.694  | 139      | 0.184 1.0 0.0 | 56.4 -50.9 |
| 292 | G0B.062.025de  | 0.375 0.625 0.375 | 0.625 0.25 0.5    | 150      | 0.375 0.625 0.5   | 58.2 -15.5 | 0.697 0.697  | 158      | 0.0 1.0 0.151 | 50.6 -62.1 |
| 293 | G5B.062.025de  | 0.375 0.625 0.5   | 0.625 0.25 0.5    | 180      | 0.375 0.625 0.5   | 58.2 -15.5 | 0.697 0.697  | 158      | 0.0 1.0 0.151 | 50.6 -62.1 |
| 294 | G5B.062.025de  | 0.375 0.625 0.5   | 0.625 0.25 0.5    | 180      | 0.375 0.625 0.5   | 58.2 -15.5 | 0.697 0.697  | 158      | 0.0 1.0 0.151 | 50.6 -62.1 |
| 295 | G5B.062.025de  | 0.375 0.625 0.5   | 0.625 0.25 0.5    | 180      | 0.375 0.625 0.5   | 58.2 -15.5 | 0.697 0.697  | 158      | 0.0 1.0 0.151 | 50.6 -62.1 |
| 296 | G5B.062.025de  | 0.375 0.625 0.5   | 0.625 0.25 0.5    | 180      | 0.375 0.625 0.5   | 58.2 -15.5 | 0.697 0.697  | 158      | 0.0 1.0 0.151 | 50.6 -62.1 |
| 297 | Y38C.075.05de  | 0.375 0.75 0.0    | 0.375 0.562 229   | 210      | 0.375 0.798 0.875 | 65.5 -9.4  | 0.654 0.654  | 218      | 0.0 1.0 0.948 | 56.4 -27.8 |
| 298 | Y38C.075.05de  | 0.375 0.75 0.0    | 0.375 0.562 229   | 210      | 0.375 0.798 0.875 | 65.5 -9.4  | 0.654 0.654  | 218      | 0.0 1.0 0.948 | 56.4 -27.8 |
| 299 | Y68C.075.062de | 0.375 0.75 0.125  | 0.375 0.625 0.437 | 127      | 0.28 0.75 0.125   | 54.5 -20.6 | 0.656 0.656  | 225      | 0.0 0.726 1.0 | 49.7 -14.3 |
| 300 | G0B.075.037de  | 0.375 0.75 0.375  | 0.375 0.375 0.562 | 150      | 0.304 0.75 0.25   | 57.0 -27.7 | 0.656 0.656  | 225      | 0.0 0.726 1.0 | 49.7 -14.3 |
| 301 | G15B.075.037de | 0.375 0.75 0.375  | 0.375 0.375 0.562 | 169      | 0.375 0.75 0.431  | 60.9 -23.2 | 0.656 0.656  | 225      | 0.0 0.726 1.0 | 49.7 -14.3 |
| 302 | G34B.075.037de | 0.375 0.75 0.625  | 0.375 0.375 0.562 | 191      | 0.375 0.75 0.526  | 61.5 -20.0 | 0.677 0.677  | 173      | 0.0 1.0 0     |            |

http://130.149.60.45/~farbmatrik/QG28/QG28L0FP.PDF /.PS; 3D-Linearisierung  
F: 3D-Linearisierung QG28/QG28LG30FP.DAT in Datei (F), Seite 24/33

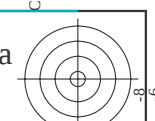
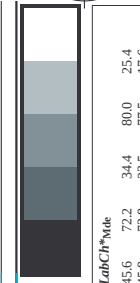
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| n   | H*Ch*_Fide     | rgb_Fide | lch_Fide | hsa_Fide | rgb_Fide | LabCh*_Fide | cmyk*_sep_Fide | delta | hsa_Mde | rgb_Mde | LabCh*_Mde |      |      |      |      |
|-----|----------------|----------|----------|----------|----------|-------------|----------------|-------|---------|---------|------------|------|------|------|------|
| 324 | R00Y_050_050de | 0.5      | 0.0      | 0.5      | 0.5      | 390         | 0.567          | 0.932 | 0.871   | 0.0     | 456        | 72.2 | 34.4 | 80.0 | 25.4 |
| 325 | R26Y_050_050de | 0.5      | 0.0      | 0.125    | 0.5      | 376         | 0.572          | 0.928 | 0.643   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 326 | R00Y_050_050de | 0.5      | 0.0      | 0.125    | 0.5      | 376         | 0.567          | 0.932 | 0.643   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 327 | R00Y_050_050de | 0.5      | 0.0      | 0.125    | 0.5      | 360         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 328 | B61R_050_050de | 0.5      | 0.0      | 0.375    | 0.5      | 344         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 329 | B61R_050_050de | 0.5      | 0.0      | 0.375    | 0.5      | 344         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 330 | B61R_050_050de | 0.5      | 0.0      | 0.375    | 0.5      | 344         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 331 | B61R_050_050de | 0.5      | 0.0      | 0.375    | 0.5      | 344         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 332 | B40R_062_062de | 0.5      | 0.0      | 0.625    | 0.5      | 319         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 333 | B40R_062_062de | 0.5      | 0.0      | 0.625    | 0.5      | 319         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 334 | B34R_075_075de | 0.5      | 0.0      | 0.875    | 0.5      | 311         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 335 | B34R_075_075de | 0.5      | 0.0      | 0.875    | 0.5      | 311         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 336 | B29R_087_087de | 0.5      | 0.0      | 1.0      | 0.5      | 300         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 337 | B29R_087_087de | 0.5      | 0.0      | 1.0      | 0.5      | 300         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 338 | B23Y_050_050de | 0.5      | 0.125    | 0.125    | 0.5      | 333         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 339 | R00Y_050_037de | 0.5      | 0.125    | 0.25     | 0.5      | 331         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 340 | R18Y_050_037de | 0.5      | 0.125    | 0.375    | 0.5      | 340         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 341 | B65R_050_037de | 0.5      | 0.125    | 0.375    | 0.5      | 340         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 342 | B65R_050_037de | 0.5      | 0.125    | 0.375    | 0.5      | 340         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 343 | B38R_062_050de | 0.5      | 0.125    | 0.625    | 0.5      | 316         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 344 | B38R_062_050de | 0.5      | 0.125    | 0.625    | 0.5      | 316         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 345 | B30R_075_062de | 0.5      | 0.125    | 0.75     | 0.5      | 307         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 346 | B30R_075_062de | 0.5      | 0.125    | 0.75     | 0.5      | 307         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 347 | B25R_087_075de | 0.5      | 0.125    | 0.875    | 0.5      | 300         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 348 | B25R_087_075de | 0.5      | 0.125    | 0.875    | 0.5      | 300         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 349 | B20R_100_087de | 0.5      | 0.125    | 1.0      | 0.5      | 281         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 350 | R50Y_050_050de | 0.5      | 0.25     | 0.5      | 0.5      | 329         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 351 | R31Y_050_037de | 0.5      | 0.25     | 0.375    | 0.5      | 342         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 352 | R00Y_050_025de | 0.5      | 0.25     | 0.25     | 0.5      | 390         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 353 | R00Y_050_025de | 0.5      | 0.25     | 0.25     | 0.5      | 390         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 354 | B50R_062_025de | 0.5      | 0.25     | 0.375    | 0.5      | 342         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 355 | B50R_062_025de | 0.5      | 0.25     | 0.375    | 0.5      | 342         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 356 | B18R_075_037de | 0.5      | 0.375    | 0.625    | 0.5      | 330         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 357 | B18R_075_037de | 0.5      | 0.375    | 0.625    | 0.5      | 330         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 358 | B11R_087_050de | 0.5      | 0.375    | 0.875    | 0.5      | 284         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 359 | B09R_100_062de | 0.5      | 0.375    | 1.0      | 0.5      | 262         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 360 | Y00C_050_050de | 0.5      | 0.5      | 0.5      | 0.5      | 300         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 361 | Y00C_050_037de | 0.5      | 0.5      | 0.375    | 0.5      | 312         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 362 | Y00C_050_025de | 0.5      | 0.5      | 0.25     | 0.5      | 390         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 363 | Y00C_050_012de | 0.5      | 0.5      | 0.125    | 0.5      | 437         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 364 | NW_050de       | 0.5      | 0.5      | 0.5      | 0.5      | 360         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 365 | B00R_062_012de | 0.5      | 0.625    | 0.125    | 0.5      | 270         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 366 | B00R_075_025de | 0.5      | 0.625    | 0.25     | 0.5      | 270         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 367 | B00R_087_037de | 0.5      | 0.625    | 0.375    | 0.5      | 270         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 368 | B00R_100_050de | 0.5      | 0.625    | 0.625    | 0.5      | 270         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 369 | Y18C_062_062de | 0.5      | 0.625    | 0.125    | 0.5      | 104         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 370 | Y23C_062_050de | 0.5      | 0.625    | 0.25     | 0.5      | 104         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 371 | Y31G_062_037de | 0.5      | 0.625    | 0.375    | 0.5      | 109         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 372 | Y50G_062_025de | 0.5      | 0.625    | 0.625    | 0.5      | 120         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 373 | G00B_062_012de | 0.5      | 0.625    | 0.125    | 0.5      | 150         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 374 | G50B_062_012de | 0.5      | 0.625    | 0.25     | 0.5      | 150         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 375 | G75B_075_025de | 0.5      | 0.625    | 0.375    | 0.5      | 240         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 376 | G84B_087_037de | 0.5      | 0.625    | 0.625    | 0.5      | 240         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 377 | G84B_100_050de | 0.5      | 0.625    | 1.0      | 0.5      | 240         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 378 | G87B_075_050de | 0.5      | 0.75     | 0.375    | 0.5      | 209         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 379 | Y36C_075_062de | 0.5      | 0.75     | 0.625    | 0.5      | 113         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 380 | Y36C_075_050de | 0.5      | 0.75     | 0.375    | 0.5      | 113         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 381 | Y60C_075_037de | 0.5      | 0.75     | 0.625    | 0.5      | 131         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 382 | G00B_075_025de | 0.5      | 0.75     | 0.125    | 0.5      | 180         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 383 | G25B_075_025de | 0.5      | 0.75     | 0.25     | 0.5      | 180         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 384 | G50B_075_025de | 0.5      | 0.75     | 0.375    | 0.5      | 210         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 385 | G50B_075_025de | 0.5      | 0.75     | 0.375    | 0.5      | 210         | 0.569          | 0.942 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 386 | G50B_087_037de | 0.5      | 0.75     | 0.625    | 0.5      | 210         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 387 | Y41G_087_087de | 0.5      | 0.75     | 1.0      | 0.5      | 115         | 0.567          | 0.932 | 0.486   | 0.0     | 456        | 72.2 | 13.2 | 77.2 | 9.8  |
| 388 | Y50C_087_075de | 0.5      | 0.875    | 0.125    | 0.5      | 120         | 0.567          | 0.932 | 0.      |         |            |      |      |      |      |



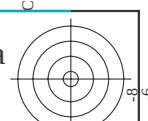
| n   | H1C*File       | rgb_0File | rgb_1File | rgb_2File | rgb_3File | LabC*File | cmyn*SepFile | hsv_0File | hsv_1File | hsv_2File | hsv_3File | delta |
|-----|----------------|-----------|-----------|-----------|-----------|-----------|--------------|-----------|-----------|-----------|-----------|-------|
| 486 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 390       | 0.317        | 0.955     | 0.003     | 0.0       | 0.0       | 25.4  |
| 487 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 391       | 0.318        | 0.953     | 0.6       | 0.0       | 0.0       | 800   |
| 488 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 392       | 0.319        | 0.951     | 0.45      | 0.0       | 0.0       | 771   |
| 489 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 393       | 0.320        | 0.949     | 0.45      | 0.0       | 0.0       | 15.4  |
| 490 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 394       | 0.321        | 0.947     | 0.45      | 0.0       | 0.0       | 800   |
| 491 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 395       | 0.322        | 0.945     | 0.45      | 0.0       | 0.0       | 771   |
| 492 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 396       | 0.323        | 0.943     | 0.45      | 0.0       | 0.0       | 15.4  |
| 493 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 397       | 0.324        | 0.941     | 0.45      | 0.0       | 0.0       | 800   |
| 494 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 398       | 0.325        | 0.939     | 0.45      | 0.0       | 0.0       | 771   |
| 495 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 399       | 0.326        | 0.937     | 0.45      | 0.0       | 0.0       | 15.4  |
| 496 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 400       | 0.327        | 0.935     | 0.45      | 0.0       | 0.0       | 800   |
| 497 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 401       | 0.328        | 0.933     | 0.45      | 0.0       | 0.0       | 771   |
| 498 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 402       | 0.329        | 0.931     | 0.45      | 0.0       | 0.0       | 15.4  |
| 499 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 403       | 0.330        | 0.929     | 0.45      | 0.0       | 0.0       | 800   |
| 500 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 404       | 0.331        | 0.927     | 0.45      | 0.0       | 0.0       | 771   |
| 501 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 405       | 0.332        | 0.925     | 0.45      | 0.0       | 0.0       | 15.4  |
| 502 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 406       | 0.333        | 0.923     | 0.45      | 0.0       | 0.0       | 800   |
| 503 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 407       | 0.334        | 0.921     | 0.45      | 0.0       | 0.0       | 771   |
| 504 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 408       | 0.335        | 0.919     | 0.45      | 0.0       | 0.0       | 15.4  |
| 505 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 409       | 0.336        | 0.917     | 0.45      | 0.0       | 0.0       | 800   |
| 506 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 410       | 0.337        | 0.915     | 0.45      | 0.0       | 0.0       | 771   |
| 507 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 411       | 0.338        | 0.913     | 0.45      | 0.0       | 0.0       | 15.4  |
| 508 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 412       | 0.339        | 0.911     | 0.45      | 0.0       | 0.0       | 800   |
| 509 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 413       | 0.340        | 0.909     | 0.45      | 0.0       | 0.0       | 771   |
| 510 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 414       | 0.341        | 0.907     | 0.45      | 0.0       | 0.0       | 15.4  |
| 511 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 415       | 0.342        | 0.905     | 0.45      | 0.0       | 0.0       | 800   |
| 512 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 416       | 0.343        | 0.903     | 0.45      | 0.0       | 0.0       | 771   |
| 513 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 417       | 0.344        | 0.901     | 0.45      | 0.0       | 0.0       | 15.4  |
| 514 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 418       | 0.345        | 0.899     | 0.45      | 0.0       | 0.0       | 800   |
| 515 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 419       | 0.346        | 0.897     | 0.45      | 0.0       | 0.0       | 771   |
| 516 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 420       | 0.347        | 0.895     | 0.45      | 0.0       | 0.0       | 15.4  |
| 517 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 421       | 0.348        | 0.893     | 0.45      | 0.0       | 0.0       | 800   |
| 518 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 422       | 0.349        | 0.891     | 0.45      | 0.0       | 0.0       | 771   |
| 519 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 423       | 0.350        | 0.889     | 0.45      | 0.0       | 0.0       | 15.4  |
| 520 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 424       | 0.351        | 0.887     | 0.45      | 0.0       | 0.0       | 800   |
| 521 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 425       | 0.352        | 0.885     | 0.45      | 0.0       | 0.0       | 771   |
| 522 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 426       | 0.353        | 0.883     | 0.45      | 0.0       | 0.0       | 15.4  |
| 523 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 427       | 0.354        | 0.881     | 0.45      | 0.0       | 0.0       | 800   |
| 524 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 428       | 0.355        | 0.879     | 0.45      | 0.0       | 0.0       | 771   |
| 525 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 429       | 0.356        | 0.877     | 0.45      | 0.0       | 0.0       | 15.4  |
| 526 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 430       | 0.357        | 0.875     | 0.45      | 0.0       | 0.0       | 800   |
| 527 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 431       | 0.358        | 0.873     | 0.45      | 0.0       | 0.0       | 771   |
| 528 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 432       | 0.359        | 0.871     | 0.45      | 0.0       | 0.0       | 15.4  |
| 529 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 433       | 0.360        | 0.869     | 0.45      | 0.0       | 0.0       | 800   |
| 530 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 434       | 0.361        | 0.867     | 0.45      | 0.0       | 0.0       | 771   |
| 531 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 435       | 0.362        | 0.865     | 0.45      | 0.0       | 0.0       | 15.4  |
| 532 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 436       | 0.363        | 0.863     | 0.45      | 0.0       | 0.0       | 800   |
| 533 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 437       | 0.364        | 0.861     | 0.45      | 0.0       | 0.0       | 771   |
| 534 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 438       | 0.365        | 0.859     | 0.45      | 0.0       | 0.0       | 15.4  |
| 535 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 439       | 0.366        | 0.857     | 0.45      | 0.0       | 0.0       | 800   |
| 536 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 440       | 0.367        | 0.855     | 0.45      | 0.0       | 0.0       | 771   |
| 537 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 441       | 0.368        | 0.853     | 0.45      | 0.0       | 0.0       | 15.4  |
| 538 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 442       | 0.369        | 0.851     | 0.45      | 0.0       | 0.0       | 800   |
| 539 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 443       | 0.370        | 0.849     | 0.45      | 0.0       | 0.0       | 771   |
| 540 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 444       | 0.371        | 0.847     | 0.45      | 0.0       | 0.0       | 15.4  |
| 541 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 445       | 0.372        | 0.845     | 0.45      | 0.0       | 0.0       | 800   |
| 542 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 446       | 0.373        | 0.843     | 0.45      | 0.0       | 0.0       | 771   |
| 543 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 447       | 0.374        | 0.841     | 0.45      | 0.0       | 0.0       | 15.4  |
| 544 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 448       | 0.375        | 0.839     | 0.45      | 0.0       | 0.0       | 800   |
| 545 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 449       | 0.376        | 0.837     | 0.45      | 0.0       | 0.0       | 771   |
| 546 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 450       | 0.377        | 0.835     | 0.45      | 0.0       | 0.0       | 15.4  |
| 547 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 451       | 0.378        | 0.833     | 0.45      | 0.0       | 0.0       | 800   |
| 548 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 452       | 0.379        | 0.831     | 0.45      | 0.0       | 0.0       | 771   |
| 549 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 453       | 0.380        | 0.829     | 0.45      | 0.0       | 0.0       | 15.4  |
| 550 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 454       | 0.381        | 0.827     | 0.45      | 0.0       | 0.0       | 800   |
| 551 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 455       | 0.382        | 0.825     | 0.45      | 0.0       | 0.0       | 771   |
| 552 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 456       | 0.383        | 0.823     | 0.45      | 0.0       | 0.0       | 15.4  |
| 553 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 457       | 0.384        | 0.821     | 0.45      | 0.0       | 0.0       | 800   |
| 554 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 458       | 0.385        | 0.819     | 0.45      | 0.0       | 0.0       | 771   |
| 555 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 459       | 0.386        | 0.817     | 0.45      | 0.0       | 0.0       | 15.4  |
| 556 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 460       | 0.387        | 0.815     | 0.45      | 0.0       | 0.0       | 800   |
| 557 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 461       | 0.388        | 0.813     | 0.45      | 0.0       | 0.0       | 771   |
| 558 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 462       | 0.389        | 0.811     | 0.45      | 0.0       | 0.0       | 15.4  |
| 559 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 463       | 0.390        | 0.809     | 0.45      | 0.0       | 0.0       | 800   |
| 560 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 464       | 0.391        | 0.807     | 0.45      | 0.0       | 0.0       | 771   |
| 561 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 465       | 0.392        | 0.805     | 0.45      | 0.0       | 0.0       | 15.4  |
| 562 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 466       | 0.393        | 0.803     | 0.45      | 0.0       | 0.0       | 800   |
| 563 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 467       | 0.394        | 0.801     | 0.45      | 0.0       | 0.0       | 771   |
| 564 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 468       | 0.395        | 0.799     | 0.45      | 0.0       | 0.0       | 15.4  |
| 565 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 469       | 0.396        | 0.797     | 0.45      | 0.0       | 0.0       | 800   |
| 566 | R00Y_075_075de | 0.75      | 0.75      | 0.75      | 0.75      | 470       | 0.397        | 0.795     | 0.45      | 0.0       | 0.0       | 771   |





http://130.149.60.45/~farbmatrik/QG28/QG28LOFP.PDF /.PS; 3D-Linearisierung  
F: 3D-Linearisierung QG28/QG28LG30FP.DAT in Datei (F), Seite 28/33

| n   | HVC*File       | rgb*File | lcr*File | hsa*File | rgb*File | LabCh*File | cmyk*SepFile | delta | LabCh*File | rgb*File | hsa*File |
|-----|----------------|----------|----------|----------|----------|------------|--------------|-------|------------|----------|----------|
| 648 | R00Y_100_100de | 1.0      | 0.0      | 0.0      | 0.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 37.5     |
| 649 | R38Y_100_100de | 1.0      | 0.0      | 0.5      | 0.0      | 45.8       | 0.0          | 0.0   | 45.8       | 0.0      | 36.2     |
| 650 | R26Y_100_100de | 1.0      | 0.0      | 0.5      | 0.0      | 46.0       | 0.0          | 0.0   | 46.0       | 0.0      | 34.9     |
| 651 | R13Y_100_100de | 1.0      | 0.0      | 0.5      | 0.0      | 46.0       | 0.0          | 0.0   | 46.0       | 0.0      | 33.2     |
| 652 | R00Y_100_100de | 1.0      | 0.0      | 0.5      | 0.0      | 46.0       | 0.0          | 0.0   | 46.0       | 0.0      | 31.0     |
| 653 | B68R_100_100de | 1.0      | 0.0      | 0.5      | 0.0      | 46.0       | 0.0          | 0.0   | 46.0       | 0.0      | 31.0     |
| 654 | B61R_100_100de | 1.0      | 0.0      | 0.5      | 0.0      | 46.0       | 0.0          | 0.0   | 46.0       | 0.0      | 30.3     |
| 655 | B55R_100_100de | 1.0      | 0.0      | 0.5      | 0.0      | 46.0       | 0.0          | 0.0   | 46.0       | 0.0      | 29.3     |
| 656 | B50R_100_100de | 1.0      | 0.0      | 0.5      | 0.0      | 46.0       | 0.0          | 0.0   | 46.0       | 0.0      | 28.1     |
| 657 | R11Y_100_100de | 1.0      | 0.0      | 0.5      | 0.0      | 46.0       | 0.0          | 0.0   | 46.0       | 0.0      | 31.0     |
| 658 | R00Y_100_087de | 1.0      | 0.125    | 0.125    | 0.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 37.5     |
| 659 | R36Y_100_087de | 1.0      | 0.125    | 0.125    | 0.0      | 45.8       | 0.0          | 0.0   | 45.8       | 0.0      | 36.0     |
| 660 | R28Y_100_087de | 1.0      | 0.125    | 0.125    | 0.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 34.5     |
| 661 | R00Y_100_087de | 1.0      | 0.125    | 0.125    | 0.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 33.6     |
| 662 | B70R_100_087de | 1.0      | 0.125    | 0.125    | 0.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 33.0     |
| 663 | B63R_100_087de | 1.0      | 0.125    | 0.125    | 0.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 32.3     |
| 664 | B56R_100_087de | 1.0      | 0.125    | 0.125    | 0.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 31.0     |
| 665 | B50R_100_087de | 1.0      | 0.125    | 0.125    | 0.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 29.3     |
| 666 | R23Y_100_100de | 1.0      | 0.25     | 0.125    | 0.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 32.0     |
| 667 | R13Y_100_087de | 1.0      | 0.25     | 0.125    | 0.0      | 45.8       | 0.0          | 0.0   | 45.8       | 0.0      | 32.0     |
| 668 | R00Y_100_075de | 1.0      | 0.25     | 0.25     | 0.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 32.0     |
| 669 | R35Y_100_075de | 1.0      | 0.25     | 0.25     | 0.0      | 45.8       | 0.0          | 0.0   | 45.8       | 0.0      | 30.7     |
| 670 | R18Y_100_075de | 1.0      | 0.25     | 0.25     | 0.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 29.3     |
| 671 | R00Y_100_075de | 1.0      | 0.25     | 0.25     | 0.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 27.8     |
| 672 | B65R_100_075de | 1.0      | 0.25     | 0.25     | 0.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 26.5     |
| 673 | B57R_100_075de | 1.0      | 0.25     | 0.25     | 0.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 25.2     |
| 674 | B50R_100_075de | 1.0      | 0.25     | 0.25     | 0.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 23.7     |
| 675 | R36Y_100_100de | 1.0      | 0.375    | 0.0      | 1.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 46.0     |
| 676 | R26Y_100_087de | 1.0      | 0.375    | 0.125    | 0.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 46.0     |
| 677 | R15Y_100_075de | 1.0      | 0.375    | 0.25     | 0.0      | 45.8       | 0.0          | 0.0   | 45.8       | 0.0      | 37.5     |
| 678 | R00Y_100_062de | 1.0      | 0.375    | 0.375    | 0.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 37.5     |
| 679 | R31Y_100_062de | 1.0      | 0.375    | 0.5      | 1.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 35.0     |
| 680 | B68R_100_062de | 1.0      | 0.375    | 0.625    | 1.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 31.2     |
| 681 | B61R_100_062de | 1.0      | 0.375    | 0.625    | 1.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 29.8     |
| 682 | B55R_100_062de | 1.0      | 0.375    | 0.625    | 1.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 28.6     |
| 683 | B50R_100_062de | 1.0      | 0.375    | 0.625    | 1.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 26.5     |
| 684 | R40Y_100_100de | 1.0      | 0.5      | 0.0      | 1.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 53.0     |
| 685 | R41Y_100_087de | 1.0      | 0.5      | 0.125    | 1.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 48.0     |
| 686 | R31Y_100_075de | 1.0      | 0.5      | 0.25     | 1.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 43.0     |
| 687 | R18Y_100_062de | 1.0      | 0.5      | 0.375    | 1.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 36.0     |
| 688 | R00Y_100_050de | 1.0      | 0.5      | 0.5      | 1.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 37.0     |
| 689 | R26Y_100_062de | 1.0      | 0.5      | 0.625    | 1.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 37.5     |
| 690 | R00Y_100_050de | 1.0      | 0.5      | 0.75     | 1.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 34.5     |
| 691 | B61R_100_050de | 1.0      | 0.5      | 0.75     | 1.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 31.0     |
| 692 | B50R_100_050de | 1.0      | 0.5      | 0.75     | 1.0      | 45.6       | 0.0          | 0.0   | 45.6       | 0.0      | 28.1     |
| 693 | R63Y_100_100de | 1.0      | 0.5      | 0.0      | 1.0      | 68.0       | 0.0          | 0.0   | 68.0       | 0.0      | 60.0     |
| 694 | R38Y_100_087de | 1.0      | 0.625    | 0.125    | 1.0      | 65.0       | 0.0          | 0.0   | 65.0       | 0.0      | 57.0     |
| 695 | R38Y_100_075de | 1.0      | 0.625    | 0.25     | 1.0      | 60.0       | 0.0          | 0.0   | 60.0       | 0.0      | 53.0     |
| 696 | R38Y_100_062de | 1.0      | 0.625    | 0.375    | 1.0      | 53.0       | 0.0          | 0.0   | 53.0       | 0.0      | 47.0     |
| 697 | R23Y_100_050de | 1.0      | 0.625    | 0.5      | 1.0      | 44.0       | 0.0          | 0.0   | 44.0       | 0.0      | 38.0     |
| 698 | R00Y_100_037de | 1.0      | 0.625    | 0.625    | 1.0      | 39.0       | 0.0          | 0.0   | 39.0       | 0.0      | 37.5     |
| 699 | R18Y_100_037de | 1.0      | 0.625    | 0.75     | 1.0      | 34.9       | 0.0          | 0.0   | 34.9       | 0.0      | 31.0     |
| 700 | B68R_100_037de | 1.0      | 0.625    | 0.812    | 1.0      | 33.0       | 0.0          | 0.0   | 33.0       | 0.0      | 28.6     |
| 701 | B50R_100_037de | 1.0      | 0.625    | 0.812    | 1.0      | 31.0       | 0.0          | 0.0   | 31.0       | 0.0      | 25.2     |
| 702 | R76Y_100_100de | 1.0      | 0.75     | 0.0      | 1.0      | 71.0       | 0.0          | 0.0   | 71.0       | 0.0      | 62.0     |
| 703 | R73Y_100_087de | 1.0      | 0.75     | 0.125    | 1.0      | 67.0       | 0.0          | 0.0   | 67.0       | 0.0      | 58.0     |
| 704 | R68Y_100_075de | 1.0      | 0.75     | 0.25     | 1.0      | 63.0       | 0.0          | 0.0   | 63.0       | 0.0      | 54.0     |
| 705 | R61Y_100_062de | 1.0      | 0.75     | 0.375    | 1.0      | 59.0       | 0.0          | 0.0   | 59.0       | 0.0      | 50.0     |
| 706 | R50Y_100_050de | 1.0      | 0.75     | 0.5      | 1.0      | 60.0       | 0.0          | 0.0   | 60.0       | 0.0      | 53.0     |
| 707 | R31Y_100_037de | 1.0      | 0.75     | 0.625    | 1.0      | 49.0       | 0.0          | 0.0   | 49.0       | 0.0      | 43.0     |
| 708 | R00Y_100_025de | 1.0      | 0.75     | 0.75     | 1.0      | 36.0       | 0.0          | 0.0   | 36.0       | 0.0      | 37.5     |
| 709 | R00Y_100_025de | 1.0      | 0.75     | 1.0      | 1.0      | 33.0       | 0.0          | 0.0   | 33.0       | 0.0      | 31.0     |
| 710 | B50R_100_025de | 1.0      | 0.75     | 1.0      | 1.0      | 31.0       | 0.0          | 0.0   | 31.0       | 0.0      | 28.6     |
| 711 | R88Y_100_100de | 1.0      | 0.875    | 0.0      | 1.0      | 88.0       | 0.0          | 0.0   | 88.0       | 0.0      | 74.0     |
| 712 | R86Y_100_087de | 1.0      | 0.875    | 0.125    | 1.0      | 84.0       | 0.0          | 0.0   | 84.0       | 0.0      | 74.0     |
| 713 | R81Y_100_075de | 1.0      | 0.875    | 0.25     | 1.0      | 80.0       | 0.0          | 0.0   | 80.0       | 0.0      | 74.0     |
| 714 | R81Y_100_062de | 1.0      | 0.875    | 0.375    | 1.0      | 79.0       | 0.0          | 0.0   | 79.0       | 0.0      | 66.0     |
| 715 | R76Y_100_050de | 1.0      | 0.875    | 0.5      | 1.0      | 76.0       | 0.0          | 0.0   | 76.0       | 0.0      | 66.0     |
| 716 | R68Y_100_037de | 1.0      | 0.875    | 0.625    | 1.0      | 71.0       | 0.0          | 0.0   | 71.0       | 0.0      | 62.0     |
| 717 | R50Y_100_025de | 1.0      | 0.875    | 0.75     | 1.0      | 66.0       | 0.0          | 0.0   | 66.0       | 0.0      | 58.0     |
| 718 | R00Y_100_012de | 1.0      | 0.875    | 0.875    | 1.0      | 39.0       | 0.0          | 0.0   | 39.0       | 0.0      | 37.5     |
| 719 | B50R_100_012de | 1.0      | 0.875    | 0.875    | 1.0      | 33.0       | 0.0          | 0.0   | 33.0       | 0.0      | 28.6     |
| 720 | Y00C_100_100de | 1.0      | 1.0      | 0.0      | 1.0      | 1.0        | 0.0          | 0.0   | 1.0        | 0.0      | 83.0     |
| 721 | Y00C_100_087de | 1.0      | 1.0      | 0.0      | 1.0      | 1.0        | 0.0          | 0.0   | 1.0        | 0.0      | 83.0     |
| 722 | Y00C_100_075de | 1.0      | 1.0      | 0.0      | 1.0      | 1.0        | 0.0          | 0.0   | 1.0        | 0.0      | 83.0     |
| 723 | Y00C_100_062de | 1.0      | 1.0      | 0.0      | 1.0      | 1.0        | 0.0          | 0.0   | 1.0        | 0.0      | 83.0     |
| 724 | Y00C_100_050de | 1.0      | 1.0      | 0.0      | 1.0      | 1.0        | 0.0          | 0.0   | 1.0        | 0.0      | 83.0     |
| 725 | Y00C_100_037de | 1.0      | 1.0      | 0.0      | 1.0      | 1.0        | 0.0          | 0.0   | 1.0        | 0.0      | 83.0     |
| 726 | Y00C_100_025de | 1.0      | 1.0      | 0.0      | 1.0      | 1.0        | 0.0          | 0.0   | 1.0        | 0.0      | 83.0     |
| 727 | Y00C_100_012de | 1.0      | 1.0      | 0.0      | 1.0      | 1.0        | 0.0          | 0.0   | 1.0        | 0.0      | 83.0     |
| 728 | NW_100de       | 1.0      | 1.0      | 1.0      | 1.0      | 1.0        | 0.0          | 0.0   | 1.0        | 0.0      | 0.0      |



| n   | HVC-Fide       | rgb-Fide | icr-Fide | hsa-Fide | rgb*Fide | LabCh*Fide | cmym*sep-Fide | hsa*de | rgb*Fide | LabCh*Fide | delta |
|-----|----------------|----------|----------|----------|----------|------------|---------------|--------|----------|------------|-------|
| 729 | NW_100de       | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 730 | G50B_100.012de | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 731 | G50B_100.025de | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 732 | G50B_100.037de | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 733 | G50B_100.050de | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 734 | G50B_100.062de | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 735 | G50B_100.075de | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 736 | G50B_100.087de | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 737 | G50B_100.100de | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 738 | ROY_100.012de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 739 | ROY_100.025de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 740 | ROY_100.037de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 741 | ROY_100.050de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 742 | ROY_100.062de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 743 | ROY_100.075de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 744 | ROY_100.087de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 745 | ROY_100.100de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 746 | ROY_100.012de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 747 | ROY_100.025de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 748 | ROY_100.037de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 749 | ROY_100.050de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 750 | ROY_100.062de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 751 | ROY_100.075de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 752 | ROY_100.087de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 753 | ROY_100.100de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 754 | ROY_100.012de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 755 | ROY_100.025de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 756 | ROY_100.037de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 757 | ROY_100.050de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 758 | ROY_100.062de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 759 | ROY_100.075de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 760 | ROY_100.087de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 761 | ROY_100.100de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 762 | ROY_100.012de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 763 | ROY_100.025de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 764 | ROY_100.037de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 765 | ROY_100.050de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 766 | ROY_100.062de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 767 | ROY_100.075de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 768 | ROY_100.087de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 769 | ROY_100.100de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 770 | ROY_100.012de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 771 | ROY_100.025de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 772 | ROY_100.037de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 773 | ROY_100.050de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 774 | ROY_100.062de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 775 | ROY_100.075de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 776 | ROY_100.087de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 777 | ROY_100.100de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 778 | ROY_100.012de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 779 | ROY_100.025de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 780 | ROY_100.037de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 781 | ROY_100.050de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 782 | ROY_100.062de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 783 | ROY_100.075de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 784 | ROY_100.087de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 785 | ROY_100.100de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 786 | ROY_100.012de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 787 | ROY_100.025de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 788 | ROY_100.037de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 789 | ROY_100.050de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 790 | ROY_100.062de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 791 | ROY_100.075de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 792 | ROY_100.087de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 793 | ROY_100.100de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 794 | ROY_100.012de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 795 | ROY_100.025de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 796 | ROY_100.037de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 797 | ROY_100.050de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 798 | ROY_100.062de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 799 | ROY_100.075de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 800 | ROY_100.087de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 801 | ROY_100.100de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 802 | ROY_100.012de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 803 | ROY_100.025de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 804 | ROY_100.037de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 805 | ROY_100.050de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 806 | ROY_100.062de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 807 | ROY_100.075de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 808 | ROY_100.087de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |
| 809 | ROY_100.100de  | 0.875    | 1.0      | 1.0      | 0.0125   | 0.937      | 0.0           | 0.0    | 0.0      | 0.0        | 0.0   |





Siehe ähnliche Dateien: <http://130.149.60.45/~farbmatrik/QG28/QG28L0FP.PDF> /.PS; 3D-Linearisierung  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmatrik>

| n   | HVC-Fide       | rgb-Fide | icr-Fide | hsa-Fide | rgb*Fide | LabCh*Fide | cmyk*sep-Fide | delta | hsv*Fide | rgb*Fide | LabCh*Fide | hsv*Fide | delta |
|-----|----------------|----------|----------|----------|----------|------------|---------------|-------|----------|----------|------------|----------|-------|
| 891 | NW_100de       | 1.0      | 1.0      | 1.0      | 1.0      | 95.6       | 0.0           | 0.0   | 0.0      | 0.0      | 95.6       | 0.0      | 0.0   |
| 892 | B50R_100.012de | 0.875    | 1.0      | 0.125    | 0.937    | 330        | 0.915         | 0.875 | 1.0      | 0.875    | 330        | 0.915    | 0.875 |
| 893 | B50R_100.025de | 0.75     | 1.0      | 0.25     | 0.812    | 330        | 0.83          | 0.75  | 1.0      | 0.75     | 330        | 0.83     | 0.75  |
| 894 | B50R_100.037de | 0.625    | 1.0      | 0.375    | 0.687    | 330        | 0.745         | 0.625 | 1.0      | 0.625    | 330        | 0.745    | 0.625 |
| 895 | B50R_100.050de | 0.5      | 1.0      | 0.5      | 0.562    | 330        | 0.66          | 0.5   | 1.0      | 0.5      | 330        | 0.66     | 0.5   |
| 896 | B50R_100.062de | 0.375    | 1.0      | 0.625    | 0.437    | 330        | 0.576         | 0.375 | 1.0      | 0.375    | 330        | 0.576    | 0.375 |
| 897 | B50R_100.075de | 0.25     | 1.0      | 0.75     | 0.312    | 330        | 0.491         | 0.25  | 1.0      | 0.25     | 330        | 0.491    | 0.25  |
| 898 | B50R_100.087de | 0.125    | 1.0      | 0.875    | 0.187    | 330        | 0.406         | 0.125 | 1.0      | 0.125    | 330        | 0.406    | 0.125 |
| 899 | B50R_100.100de | 0.0      | 1.0      | 1.0      | 0.0      | 330        | 0.321         | 0.0   | 1.0      | 0.0      | 330        | 0.321    | 0.0   |
| 900 | GOB_100.012de  | 0.875    | 1.0      | 0.125    | 0.937    | 330        | 0.875         | 0.875 | 1.0      | 0.875    | 330        | 0.875    | 0.875 |
| 901 | NW_087de       | 0.875    | 0.875    | 0.875    | 0.875    | 360        | 0.875         | 0.875 | 0.875    | 0.875    | 360        | 0.875    | 0.875 |
| 902 | B50R_087.012de | 0.875    | 0.75     | 0.875    | 0.812    | 330        | 0.79          | 0.75  | 0.875    | 0.812    | 330        | 0.79     | 0.75  |
| 903 | B50R_087.025de | 0.875    | 0.625    | 0.875    | 0.687    | 330        | 0.705         | 0.625 | 0.875    | 0.687    | 330        | 0.705    | 0.625 |
| 904 | B50R_087.037de | 0.875    | 0.5      | 0.875    | 0.562    | 330        | 0.62          | 0.5   | 0.875    | 0.562    | 330        | 0.62     | 0.5   |
| 905 | B50R_087.050de | 0.875    | 0.375    | 0.875    | 0.437    | 330        | 0.535         | 0.375 | 0.875    | 0.437    | 330        | 0.535    | 0.375 |
| 906 | B50R_087.062de | 0.875    | 0.25     | 0.875    | 0.312    | 330        | 0.451         | 0.25  | 0.875    | 0.312    | 330        | 0.451    | 0.25  |
| 907 | B50R_087.075de | 0.875    | 0.125    | 0.875    | 0.187    | 330        | 0.366         | 0.125 | 0.875    | 0.187    | 330        | 0.366    | 0.125 |
| 908 | B50R_087.100de | 0.875    | 0.0      | 0.875    | 0.0      | 330        | 0.281         | 0.0   | 0.875    | 0.0      | 330        | 0.281    | 0.0   |
| 909 | GOB_100.025de  | 0.75     | 1.0      | 0.25     | 0.812    | 330        | 0.75          | 0.25  | 0.812    | 330      | 0.75       | 0.25     | 0.812 |
| 910 | GOB_100.050de  | 0.75     | 0.875    | 0.75     | 0.875    | 360        | 0.75          | 0.875 | 0.75     | 0.875    | 360        | 0.75     | 0.875 |
| 911 | NW_075de       | 0.75     | 0.75     | 0.75     | 0.75     | 360        | 0.75          | 0.75  | 0.75     | 0.75     | 360        | 0.75     | 0.75  |
| 912 | B50R_075.012de | 0.75     | 0.625    | 0.75     | 0.687    | 330        | 0.665         | 0.625 | 0.75     | 0.687    | 330        | 0.665    | 0.625 |
| 913 | B50R_075.025de | 0.75     | 0.5      | 0.75     | 0.562    | 330        | 0.58          | 0.5   | 0.75     | 0.562    | 330        | 0.58     | 0.5   |
| 914 | B50R_075.037de | 0.75     | 0.375    | 0.75     | 0.437    | 330        | 0.495         | 0.375 | 0.75     | 0.437    | 330        | 0.495    | 0.375 |
| 915 | B50R_075.050de | 0.75     | 0.25     | 0.75     | 0.312    | 330        | 0.41          | 0.25  | 0.75     | 0.312    | 330        | 0.41     | 0.25  |
| 916 | B50R_075.062de | 0.75     | 0.125    | 0.75     | 0.187    | 330        | 0.326         | 0.125 | 0.75     | 0.187    | 330        | 0.326    | 0.125 |
| 917 | B50R_075.100de | 0.75     | 0.0      | 0.75     | 0.0      | 330        | 0.241         | 0.0   | 0.75     | 0.0      | 330        | 0.241    | 0.0   |
| 918 | GOB_100.037de  | 0.625    | 1.0      | 0.625    | 1.0      | 360        | 0.625         | 1.0   | 0.625    | 1.0      | 360        | 0.625    | 1.0   |
| 919 | GOB_100.050de  | 0.625    | 0.875    | 0.625    | 0.875    | 360        | 0.625         | 0.875 | 0.625    | 0.875    | 360        | 0.625    | 0.875 |
| 920 | GOB_075.012de  | 0.625    | 0.75     | 0.625    | 0.75     | 360        | 0.625         | 0.75  | 0.625    | 0.75     | 360        | 0.625    | 0.75  |
| 921 | NW_062de       | 0.625    | 0.625    | 0.625    | 0.625    | 360        | 0.625         | 0.625 | 0.625    | 0.625    | 360        | 0.625    | 0.625 |
| 922 | B50R_062.012de | 0.625    | 0.5      | 0.625    | 0.562    | 330        | 0.54          | 0.5   | 0.625    | 0.562    | 330        | 0.54     | 0.5   |
| 923 | B50R_062.025de | 0.625    | 0.375    | 0.625    | 0.437    | 330        | 0.458         | 0.375 | 0.625    | 0.437    | 330        | 0.458    | 0.375 |
| 924 | B50R_062.037de | 0.625    | 0.25     | 0.625    | 0.312    | 330        | 0.373         | 0.25  | 0.625    | 0.312    | 330        | 0.373    | 0.25  |
| 925 | B50R_062.050de | 0.625    | 0.125    | 0.625    | 0.187    | 330        | 0.288         | 0.125 | 0.625    | 0.187    | 330        | 0.288    | 0.125 |
| 926 | B50R_062.100de | 0.625    | 0.0      | 0.625    | 0.0      | 330        | 0.203         | 0.0   | 0.625    | 0.0      | 330        | 0.203    | 0.0   |
| 927 | GOB_100.050de  | 0.5      | 1.0      | 0.5      | 0.5      | 360        | 0.5           | 1.0   | 0.5      | 0.5      | 360        | 0.5      | 1.0   |
| 928 | GOB_087.037de  | 0.5      | 0.875    | 0.5      | 0.875    | 360        | 0.5           | 0.875 | 0.5      | 0.875    | 360        | 0.5      | 0.875 |
| 929 | GOB_075.025de  | 0.5      | 0.75     | 0.5      | 0.75     | 360        | 0.5           | 0.75  | 0.5      | 0.75     | 360        | 0.5      | 0.75  |
| 930 | GOB_062.012de  | 0.5      | 0.625    | 0.5      | 0.625    | 360        | 0.5           | 0.625 | 0.5      | 0.625    | 360        | 0.5      | 0.625 |
| 931 | NW_050de       | 0.5      | 0.5      | 0.5      | 0.5      | 360        | 0.5           | 0.5   | 0.5      | 0.5      | 360        | 0.5      | 0.5   |
| 932 | B50R_050.012de | 0.5      | 0.375    | 0.5      | 0.437    | 330        | 0.415         | 0.375 | 0.5      | 0.437    | 330        | 0.415    | 0.375 |
| 933 | B50R_050.025de | 0.5      | 0.25     | 0.5      | 0.312    | 330        | 0.33          | 0.25  | 0.5      | 0.312    | 330        | 0.33     | 0.25  |
| 934 | B50R_050.037de | 0.5      | 0.125    | 0.5      | 0.187    | 330        | 0.245         | 0.125 | 0.5      | 0.187    | 330        | 0.245    | 0.125 |
| 935 | B50R_050.100de | 0.5      | 0.0      | 0.5      | 0.0      | 330        | 0.16          | 0.0   | 0.5      | 0.0      | 330        | 0.16     | 0.0   |
| 936 | GOB_100.062de  | 0.375    | 1.0      | 0.625    | 0.687    | 330        | 0.375         | 1.0   | 0.625    | 0.687    | 330        | 0.375    | 1.0   |
| 937 | GOB_087.050de  | 0.375    | 0.875    | 0.375    | 0.875    | 360        | 0.375         | 0.875 | 0.375    | 0.875    | 360        | 0.375    | 0.875 |
| 938 | GOB_075.037de  | 0.375    | 0.75     | 0.375    | 0.75     | 360        | 0.375         | 0.75  | 0.375    | 0.75     | 360        | 0.375    | 0.75  |
| 939 | GOB_062.025de  | 0.375    | 0.625    | 0.375    | 0.625    | 360        | 0.375         | 0.625 | 0.375    | 0.625    | 360        | 0.375    | 0.625 |
| 940 | NW_037de       | 0.375    | 0.5      | 0.375    | 0.5      | 360        | 0.375         | 0.5   | 0.375    | 0.5      | 360        | 0.375    | 0.5   |
| 941 | B50R_037.012de | 0.375    | 0.375    | 0.375    | 0.375    | 360        | 0.375         | 0.375 | 0.375    | 0.375    | 360        | 0.375    | 0.375 |
| 942 | B50R_037.025de | 0.375    | 0.25     | 0.375    | 0.312    | 330        | 0.29          | 0.25  | 0.375    | 0.312    | 330        | 0.29     | 0.25  |
| 943 | B50R_037.037de | 0.375    | 0.125    | 0.375    | 0.187    | 330        | 0.205         | 0.125 | 0.375    | 0.187    | 330        | 0.205    | 0.125 |
| 944 | GOB_100.075de  | 0.375    | 0.0      | 0.375    | 0.0      | 330        | 0.12          | 0.0   | 0.375    | 0.0      | 330        | 0.12     | 0.0   |
| 945 | GOB_100.100de  | 0.25     | 0.875    | 0.25     | 0.875    | 360        | 0.25          | 0.875 | 0.25     | 0.875    | 360        | 0.25     | 0.875 |
| 946 | GOB_087.062de  | 0.25     | 0.75     | 0.25     | 0.75     | 360        | 0.25          | 0.75  | 0.25     | 0.75     | 360        | 0.25     | 0.75  |
| 947 | GOB_075.050de  | 0.25     | 0.625    | 0.25     | 0.625    | 360        | 0.25          | 0.625 | 0.25     | 0.625    | 360        | 0.25     | 0.625 |
| 948 | GOB_062.037de  | 0.25     | 0.5      | 0.25     | 0.5      | 360        | 0.25          | 0.5   | 0.25     | 0.5      | 360        | 0.25     | 0.5   |
| 949 | GOB_050.012de  | 0.25     | 0.375    | 0.25     | 0.375    | 360        | 0.25          | 0.375 | 0.25     | 0.375    | 360        | 0.25     | 0.375 |
| 950 | GOB_037.012de  | 0.25     | 0.25     | 0.25     | 0.25     | 360        | 0.25          | 0.25  | 0.25     | 0.25     | 360        | 0.25     | 0.25  |
| 951 | NW_025de       | 0.25     | 0.25     | 0.25     | 0.25     | 360        | 0.25          | 0.25  | 0.25     | 0.25     | 360        | 0.25     | 0.25  |
| 952 | B50R_025.012de | 0.25     | 0.125    | 0.25     | 0.187    | 330        | 0.165         | 0.125 | 0.25     | 0.187    | 330        | 0.165    | 0.125 |
| 953 | B50R_025.025de | 0.25     | 0.0      | 0.25     | 0.0      | 330        | 0.08          | 0.0   | 0.25     | 0.0      | 330        | 0.08     | 0.0   |
| 954 | GOB_100.087de  | 0.125    | 1.0      | 0.125    | 1.0      | 360        | 0.125         | 1.0   | 0.125    | 1.0      | 360        | 0.125    | 1.0   |
| 955 | GOB_087.075de  | 0.125    | 0.875    | 0.125    | 0.875    | 360        | 0.125         | 0.875 | 0.125    | 0.875    | 360        | 0.125    | 0.875 |
| 956 | GOB_075.062de  | 0.125    | 0.75     | 0.125    | 0.75     | 360        | 0.125         | 0.75  | 0.125    | 0.75     | 360        | 0.125    | 0.75  |
| 957 | GOB_062.050de  | 0.125    | 0.625    | 0.125    | 0.625    | 360        | 0.125         | 0.625 | 0.125    | 0.625    | 360        | 0.125    | 0.625 |
| 958 | GOB_050.037de  | 0.125    | 0.5      | 0.125    | 0.5      | 360        | 0.125         | 0.5   | 0.125    | 0.5      | 360        | 0.125    | 0.5   |
| 959 | GOB_037.025de  | 0.125    | 0.375    | 0.125    | 0.375    | 360        | 0.125         | 0.375 | 0.125    | 0.375    | 360        | 0.125    | 0.375 |
| 960 | GOB_025.012de  | 0.125    | 0.25     | 0.125    | 0.25     | 360        | 0.125         | 0.25  | 0.125    | 0.25     | 360        | 0.125    | 0.25  |
| 961 | NW_012de       | 0.125    | 0.125    | 0.125    | 0.125    | 360        | 0.125         | 0.125 | 0.125    | 0.125    | 360        | 0.125    | 0.125 |
| 962 | B50R_012.012de | 0.125    | 0.0      | 0.125    | 0.0      | 360        | 0.0           | 0.0   | 0.125    | 0.0      | 360        | 0.0      | 0.0   |
| 963 | GOB_100.100de  | 0.0      | 1.0      | 0.0      | 1.0      | 360        | 0.0           | 1.0   | 0.0      | 1.0      | 360        | 0.0      | 1.0   |
| 964 | GOB_087.087de  | 0.0      | 0.875    | 0.0      | 0.875    | 360        | 0.0           | 0.875 | 0.0      | 0.875    | 360        | 0.0      | 0.875 |
| 965 | GOB_075.075de  | 0.0      | 0.75     | 0.0      | 0.75     | 360        | 0.0           | 0.75  | 0.0      | 0.75     | 360        | 0.0      | 0.75  |
| 966 | GOB_062.062de  | 0.0      | 0.625    | 0.0      | 0.625    | 360        | 0.0           | 0.625 | 0.0      | 0.625    | 360        | 0.0      | 0.625 |
| 967 | GOB_050.050de  | 0.0      | 0.5      | 0.0      | 0.5      | 360        | 0.0           | 0.5   | 0.0      | 0.5      | 360        | 0.0      | 0.5   |
| 968 | GOB_037.037de  | 0.0      | 0.375    | 0.0      | 0.375    | 360        | 0.0           | 0.375 | 0.0      | 0.375    | 360        | 0.0      | 0.375 |
| 969 | GOB_025.025de  | 0.0      | 0.25     | 0.0      | 0.25     | 360        | 0.0           | 0.25  | 0.0      | 0.25     | 360        | 0.0      | 0.25  |
| 970 | GOB_012.012de  | 0.0      | 0.125    | 0.0      | 0.125    | 360        | 0.0           | 0.125 | 0.0      | 0.125    | 360        | 0.0      | 0.125 |
| 971 | NW_000de       | 0.0      | 0.0      | 0.0      | 0.0      | 360        | 0.0           | 0.0   | 0.0      | 0.0      | 360        | 0.0      | 0.0   |



