

Ein- und Ausgabe: Drucker-Reflektiv-System FRS06a für relativen CIELAB-Buntton $h_{ab,a,rel} = h_{ab}/360 = 46/360 = 0.12$

$H^*_{-} = R25Y_{-}$

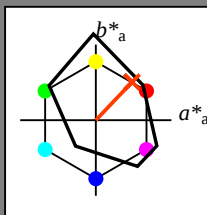
Daten für jede Geräte- (d) oder
Elementarfarbe (e):

HIC^*_{-}

Bunttontext für die Farben
dieser Seite:

$H^*_{-} = R25Y_{-}$

Dreiecks-Helligkeit T^*



FRS06a; adaptierte CIELAB-Daten

Name	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R-,Ma	32.5	62.3	46.4	77.7	36
Y-,Ma	82.7	-3.1	113.9	114.0	91
G-,Ma	39.4	-61.8	45.8	76.9	143
C-,Ma	47.8	-26.8	-34.2	43.4	231
B-,Ma	10.1	55.1	-61.0	82.2	312
M-,Ma	34.5	80.6	-33.9	87.5	337
N-,Ma	6.2	0.0	0.0	0.0	0
W-,Ma	91.9	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):

$LabCh^*_{-,Ma}$: 56 48 50 69 46

$HIC^*_{-,Ma}$: R25Y_100_100_

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

1.0 0.23 0.0 1.0 1.0

Dreiecks-Helligkeit T^*

%Umfang

$u^*_{rel} = 114$

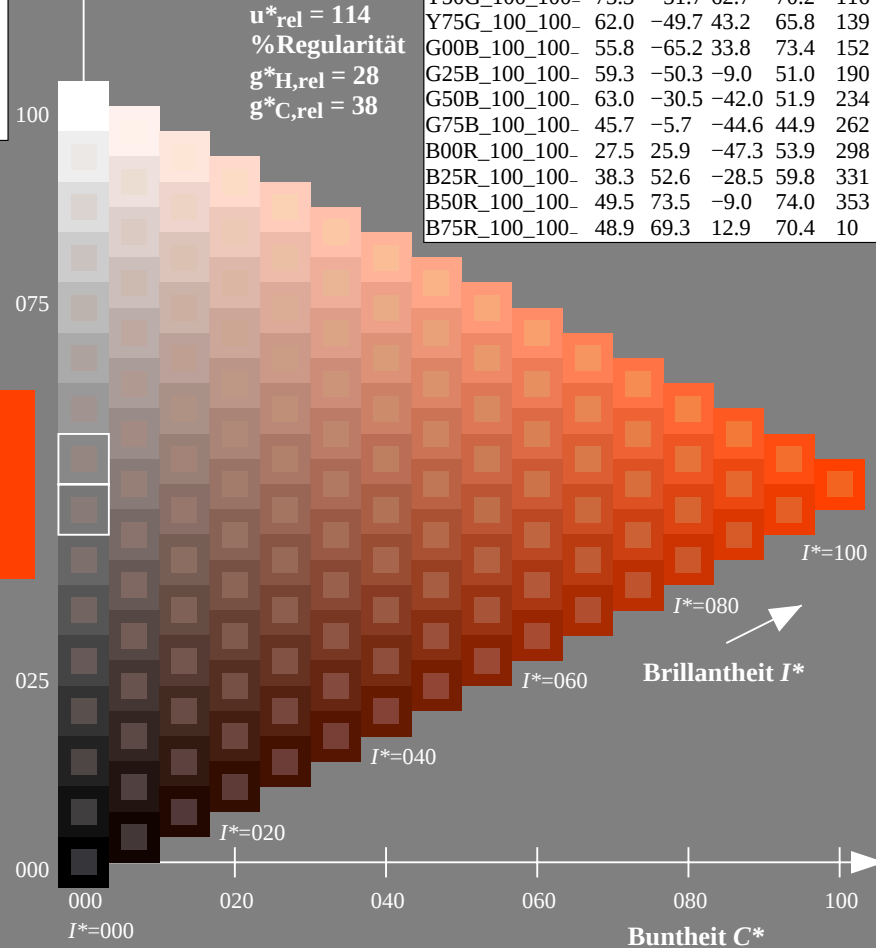
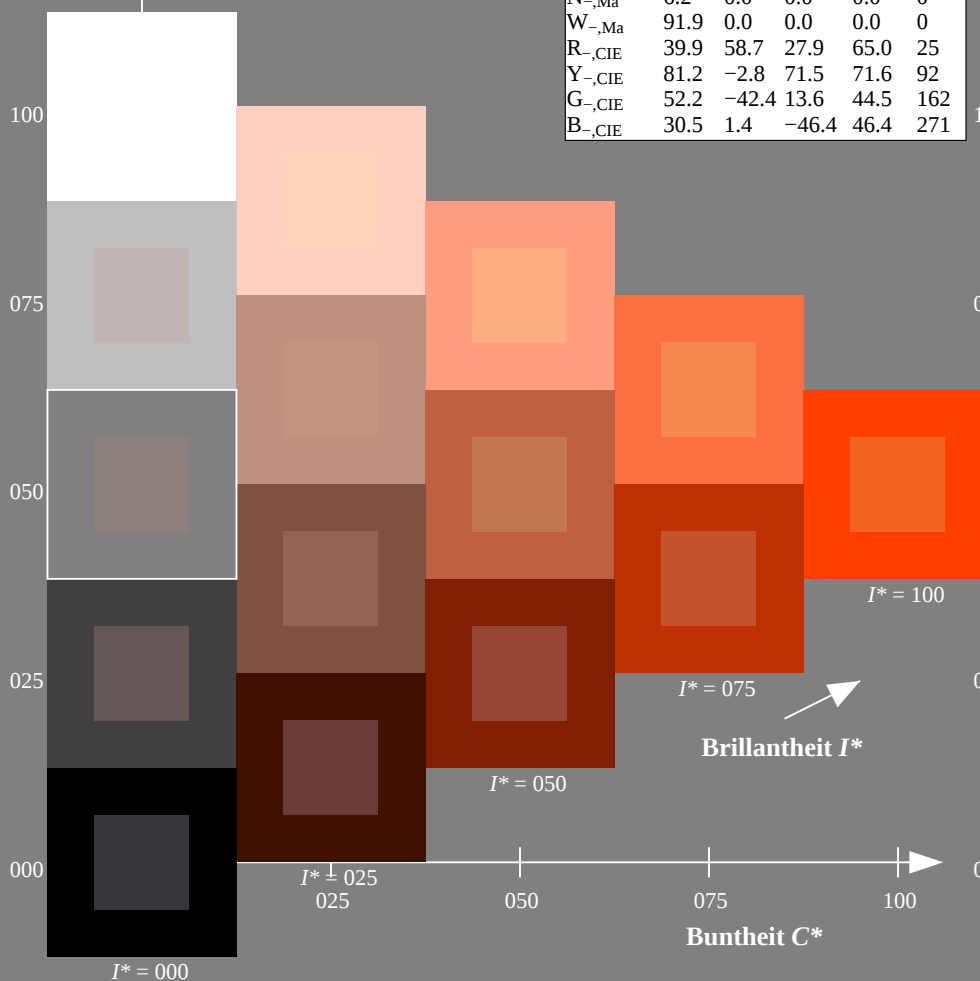
%Regularität

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

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



TUB-Prüfvorlage QG09; Bunttoncode: $H^*_{-} = R25Y_{-}$
Prüfvorlage nach DIN 33872, 3D=1, de=0, cm^*_{yk}

Eingabe: $rgb/cmyk \rightarrow rgb/cmyk$
Ausgabe: keine Änderung

Ein- und Ausgabe: Drucker-Reflektiv-System FRS06a für relativen CIELAB-Buntton $h_{ab,a,rel} = h_{ab}/360 = 51/360 = 0.14$

$H^*_d = R25Y_d$

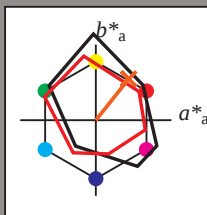
Daten für jede Geräte- (d) oder
Elementarfarbe (e):

HIC^*_d

Bunttontext für die Farben
dieser Seite:

$H^*_d = R25Y_d$

Dreiecks-Helligkeit T^*



LRS18a; adaptierte CIELAB-Daten					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{d,Ma}$	47.5	57.2	37.8	68.6	33
$Y_{d,Ma}$	91.5	-15.8	84.6	86.1	100
$G_{d,Ma}$	54.3	-67.6	30.8	74.3	155
$C_{d,Ma}$	53.1	-30.0	-43.1	52.5	235
$B_{d,Ma}$	32.5	16.9	-44.6	47.7	290
$M_{d,Ma}$	48.1	65.4	-12.7	66.6	348
$N_{d,Ma}$	23.8	0.0	0.0	0.0	0
$W_{d,Ma}$	95.8	0.0	0.0	0.0	0
$R_{d,CIE}$	39.9	58.7	27.9	65.0	25
$Y_{d,CIE}$	81.2	-2.8	71.5	71.6	92
$G_{d,CIE}$	52.2	-42.4	13.6	44.5	162
$B_{d,CIE}$	30.5	1.4	-46.4	46.4	271

Daten für Maximalfarbe (Ma):

$LabCh^*_{d,Ma}$: 57 43 54 69 51

$HIC^*_{d,Ma}$: R25Y_100_100d

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

1.0 0.23 0.0 1.0 1.0

Dreiecks-Helligkeit T^*

%Umfang

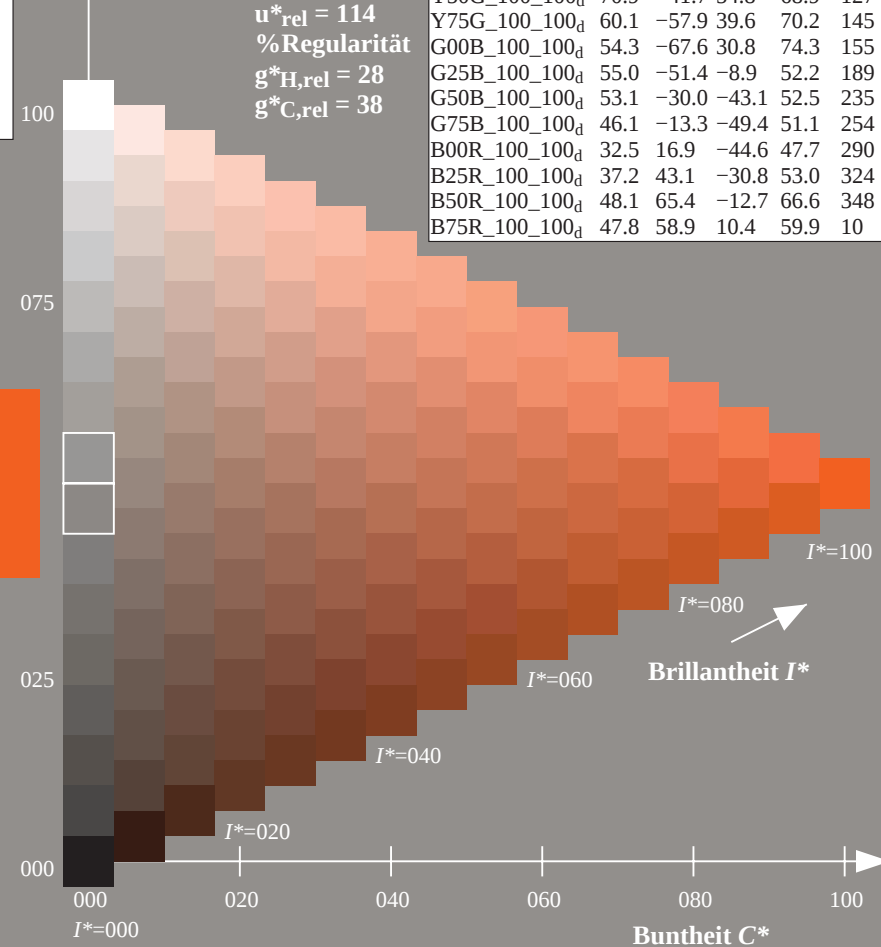
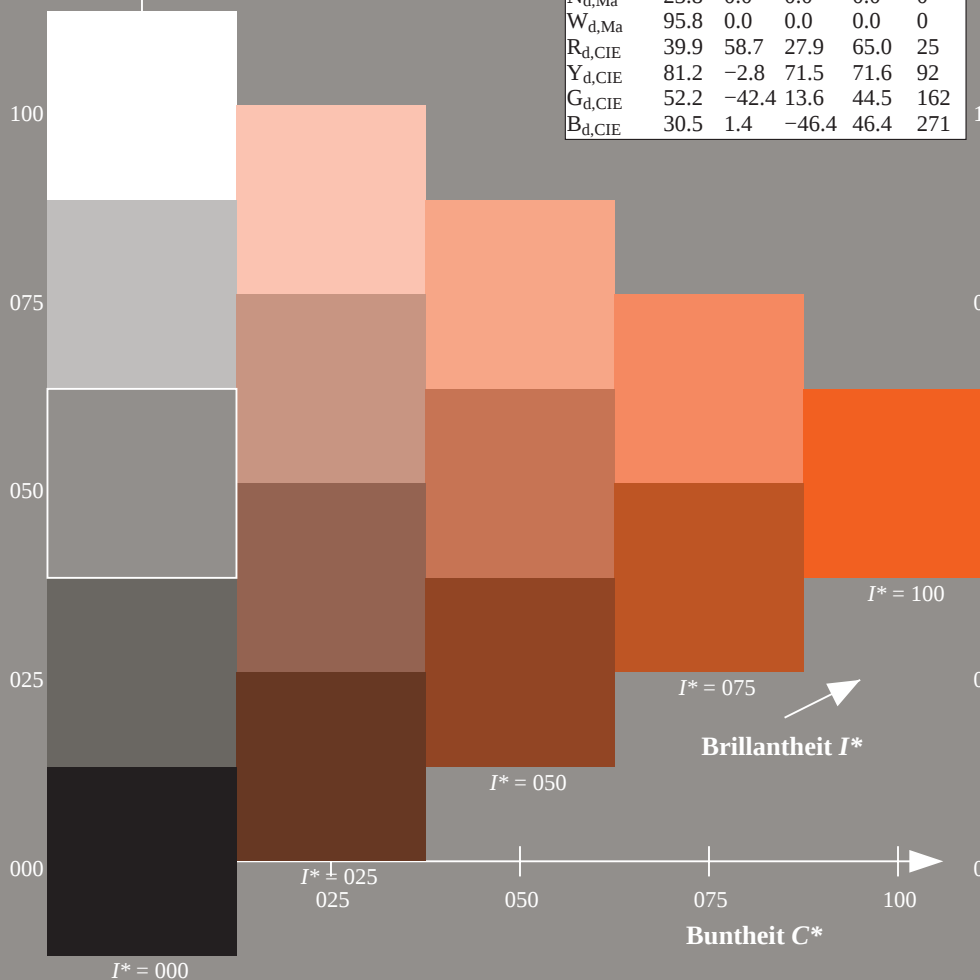
$u^*_{rel} = 114$

%Regularität

$g^*_{H,rel} = 28$

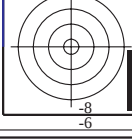
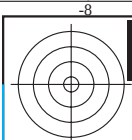
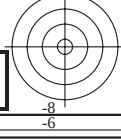
$g^*_{C,rel} = 38$

LRS18a; adaptierte CIELAB-Daten					
H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R00Y_{100_100d}$	47.5	57.2	37.8	68.6	33
$R25Y_{100_100d}$	57.4	43.5	54.5	69.7	51
$R50Y_{100_100d}$	70.5	19.2	66.2	69.0	73
$R75Y_{100_100d}$	83.5	-2.9	76.8	76.9	92
$Y00G_{100_100d}$	91.5	-15.8	84.6	86.1	100
$Y25G_{100_100d}$	90.4	-20.9	86.5	89.0	103
$Y50G_{100_100d}$	70.9	-41.7	54.8	68.9	127
$Y75G_{100_100d}$	60.1	-57.9	39.6	70.2	145
$G00B_{100_100d}$	54.3	-67.6	30.8	74.3	155
$G25B_{100_100d}$	55.0	-51.4	-8.9	52.2	189
$G50B_{100_100d}$	53.1	-30.0	-43.1	52.5	235
$G75B_{100_100d}$	46.1	-13.3	-49.4	51.1	254
$B00R_{100_100d}$	32.5	16.9	-44.6	47.7	290
$B25R_{100_100d}$	37.2	43.1	-30.8	53.0	324
$B50R_{100_100d}$	48.1	65.4	-12.7	66.6	348
$B75R_{100_100d}$	47.8	58.9	10.4	59.9	10



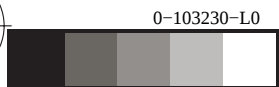
TUB-Prüfvorlage QG09; Bunttoncode: $H^*_d=R25Y_d$
Prüfvorlage nach DIN 33872, 3D=1, de=0, cmk^*

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



Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG09/QG09L0FP.PDF> / .PS;
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

0-103230-L0 QG090-72



0-103230-F0

TUB-Prüfvorlage QG09; Bunttoncode: $H^*_d=R25Y_d$
Prüfvorlage nach DIN 33872, 3D=1, $de=0$, $cmyk^*$

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

Ein- und Ausgabe: Drucker-Reflektiv-System FR506a für relativen CIE LAB-Buntton $h_{ab,d,rel} = h_{ab}/360 = 51/360 = 0,14$

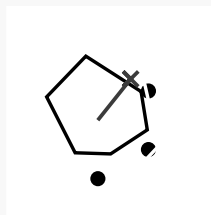
Daten für jede Geräte- (d) oder
Elementarfarbe (e):

HIC^*_d

Bunttontext für die Farben
dieser Seite:

$H^*_d = R25Y_d$

Dreiecks-Helligkeit T^*



Daten für Maximallfarbe (Ma):

$LabCh^*_d, Ma$: 57 43 54 54 69 51

HIC^*_d, Ma : R25Y_100_100_d

$rgbic^*_d, Ma$:

1.0 0.23 0.0 1.0 1.0

Dreiecks-Helligkeit T^*

%Umfang

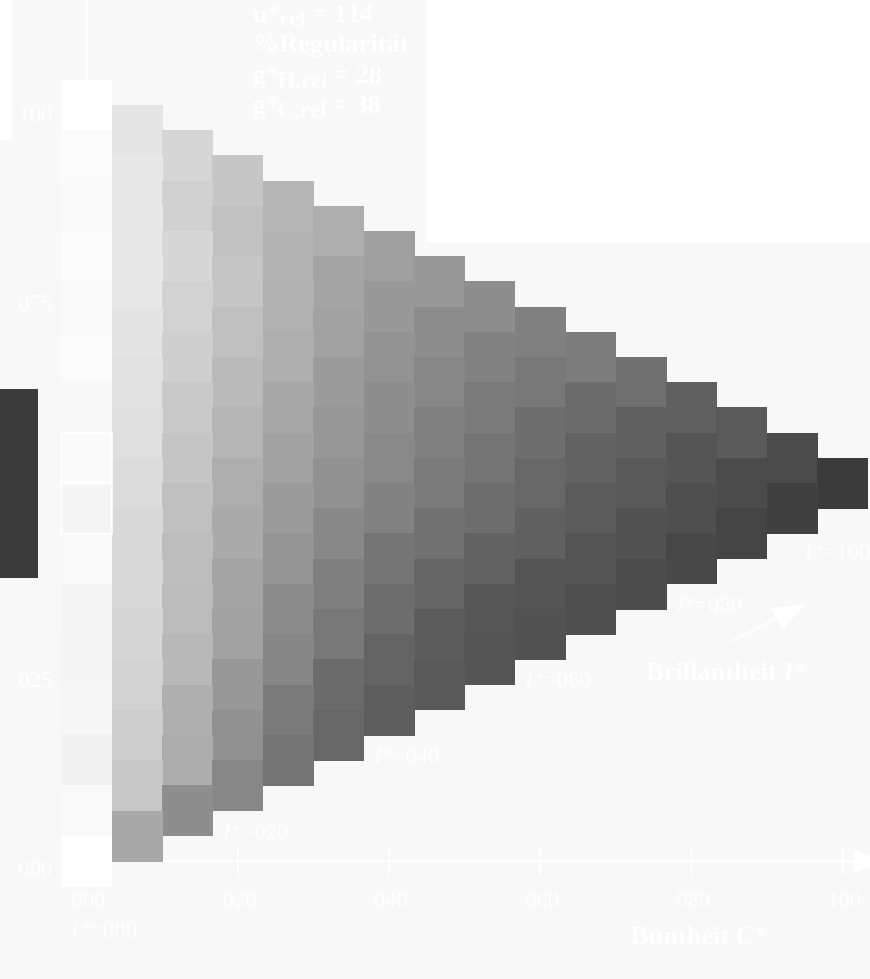
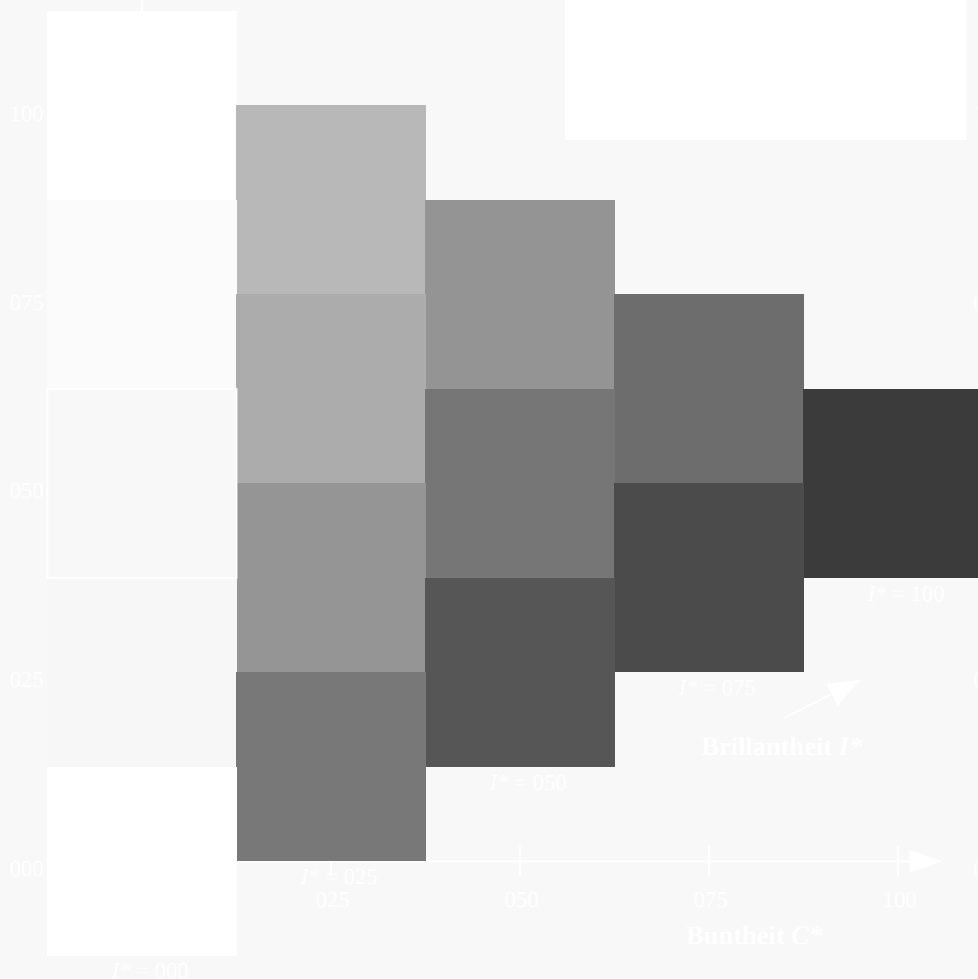
$u^*_{rel} = 114$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 38$

$H^*_d = R25Y_d$



TUB-Prüfvorlage QG09; Bunttoncode: $H^*_d=R25Y_d$
Prüfvorlage nach DIN 33872, 3D=1, de=0, cmk^*

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

Ein- und Ausgabe: Drucker-Reflektiv-System FR506a für relativen CIELAB-Buntton $h_{ab,a,rel} = h_{ab}/360 = 51/360 = 0.14$

$H^*_d = R25Y_d$

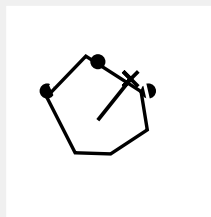
Daten für jede Geräte- (d) oder
Elementarfarbe (e):

HIC^*_d

Bunttontext für die Farben
dieser Seite:

$H^*_d = R25Y_d$

Dreiecks-Helligkeit T^*



Daten für Maximalfarbe (Ma):

$LabCh^*_{d,Ma}$: 57 43 54 69 51

$HIC^*_{d,Ma}$: R25Y_100_100_d

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

1.0 0.23 0.0 1.0 1.0

Dreiecks-Helligkeit T^*

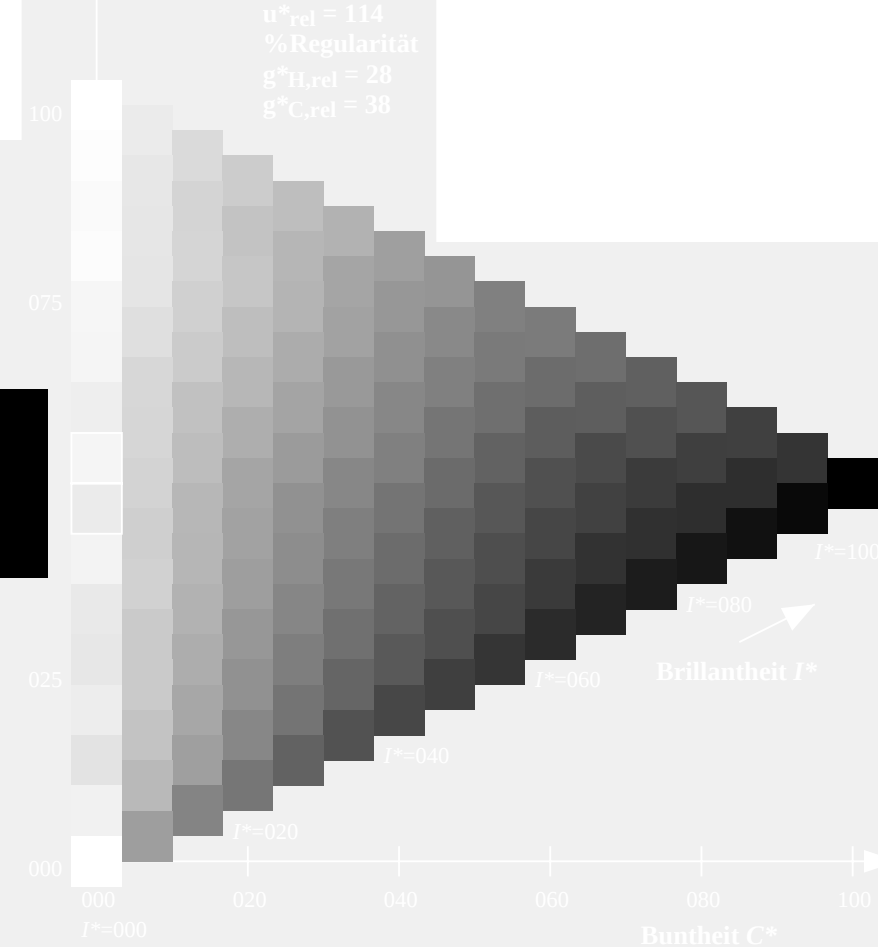
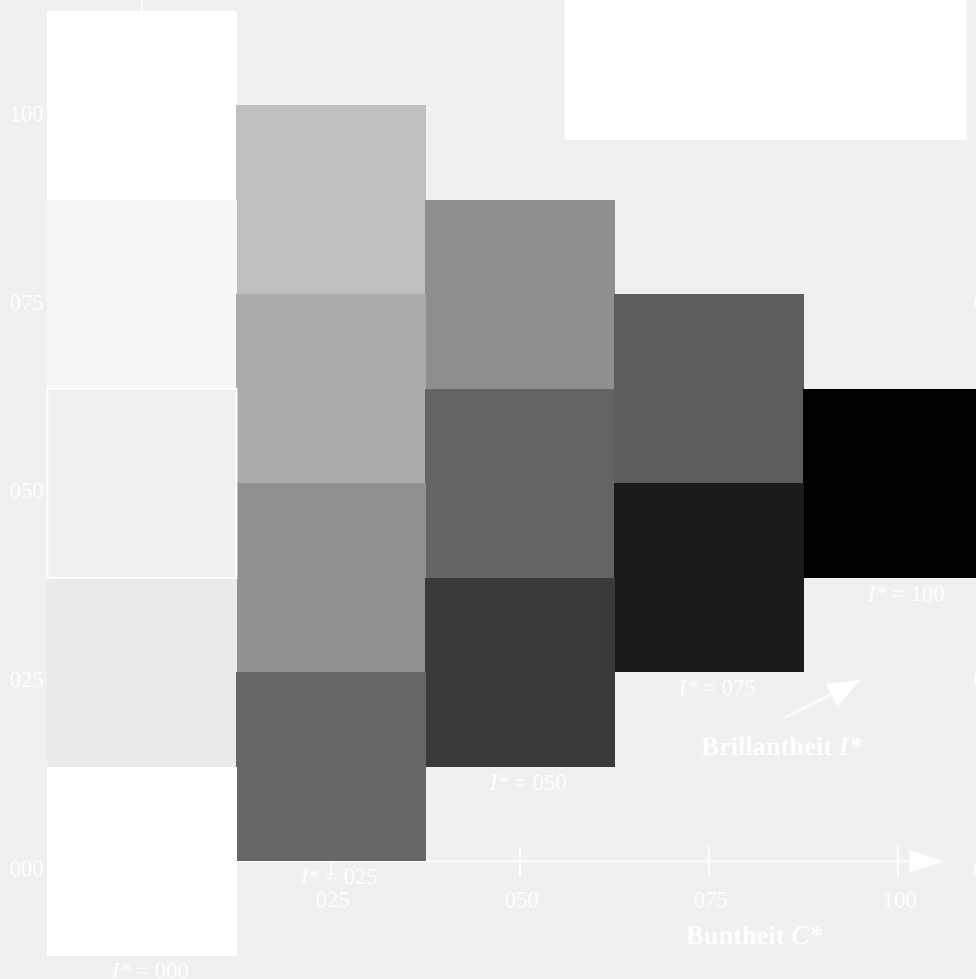
%Umfang

$u^*_{rel} = 114$

%Regularität

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$



Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG09/QG09L0FP.PDF> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20130201-QG09/QG09L0FP.PDF /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Laserdrucker-Ausgabe, Separation $cmynb^*$ (CMYK)

Ein- und Ausgabe: Drucker-Reflektiv-System FRS06a für relativen CIELAB-Buntton $h_{ab,a,rel} = h_{ab}/360 = 51/360 = 0.14$

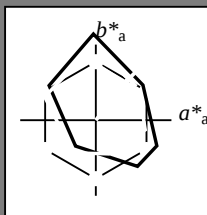
Daten für jede Geräte- (d) oder
Elementarfarbe (e):

HIC^*_d

Bunttontext für die Farben
dieser Seite:

$H^*_d = R25Y_d$

Dreiecks-Helligkeit T^*



LRS18a; adaptierte CIELAB-Daten					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{d,Ma}$	47.5	57.2	37.8	68.6	33
$Y_{d,Ma}$	91.5	-15.8	84.6	86.1	100
$G_{d,Ma}$	54.3	-67.6	30.8	74.3	155
$C_{d,Ma}$	53.1	-30.0	-43.1	52.5	235
$B_{d,Ma}$	32.5	16.9	-44.6	47.7	290
$M_{d,Ma}$	48.1	65.4	-12.7	66.6	348
$N_{d,Ma}$	23.8	0.0	0.0	0.0	0
$W_{d,Ma}$	95.8	0.0	0.0	0.0	0
$R_{d,CIE}$	39.9	58.7	27.9	65.0	25
$Y_{d,CIE}$	81.2	-2.8	71.5	71.6	92
$G_{d,CIE}$	52.2	-42.4	13.6	44.5	162
$B_{d,CIE}$	30.5	1.4	-46.4	46.4	271

Daten für Maximalfarbe (Ma):

$LabCh^*_{d,Ma}$: 57 43 54 69 51

$HIC^*_{d,Ma}$: R25Y_100_100d

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

1.0 0.23 0.0 1.0 1.0

Dreiecks-Helligkeit T^*

%Umfang

$u^*_{rel} = 114$

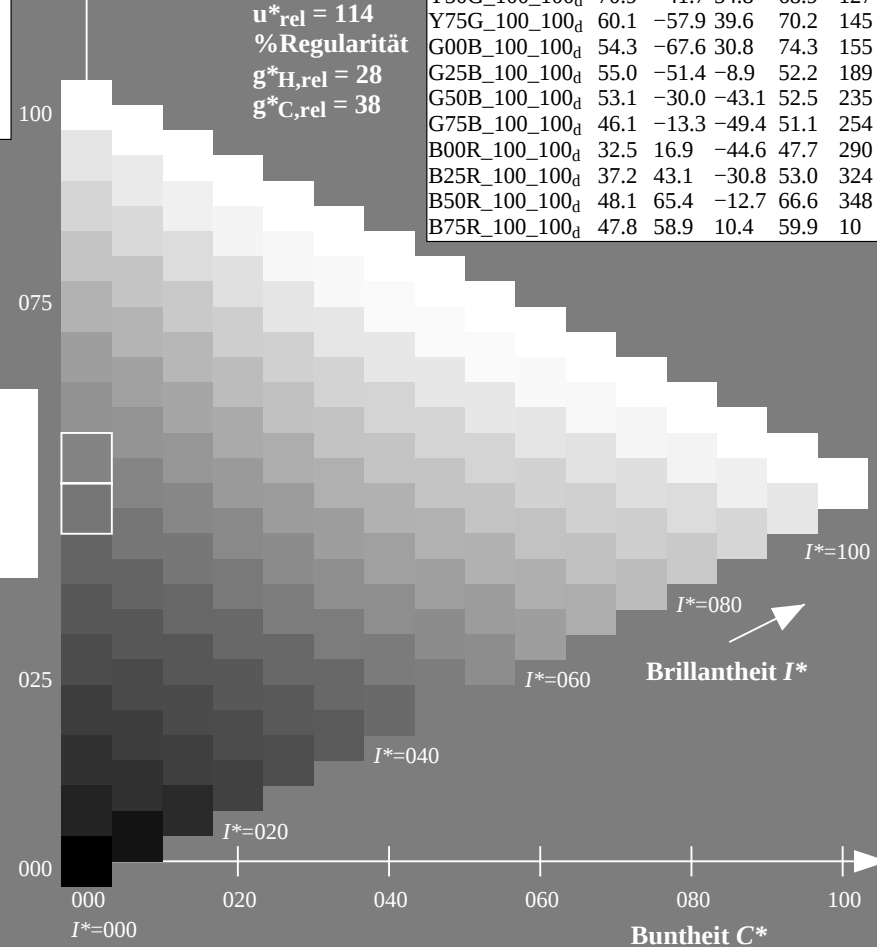
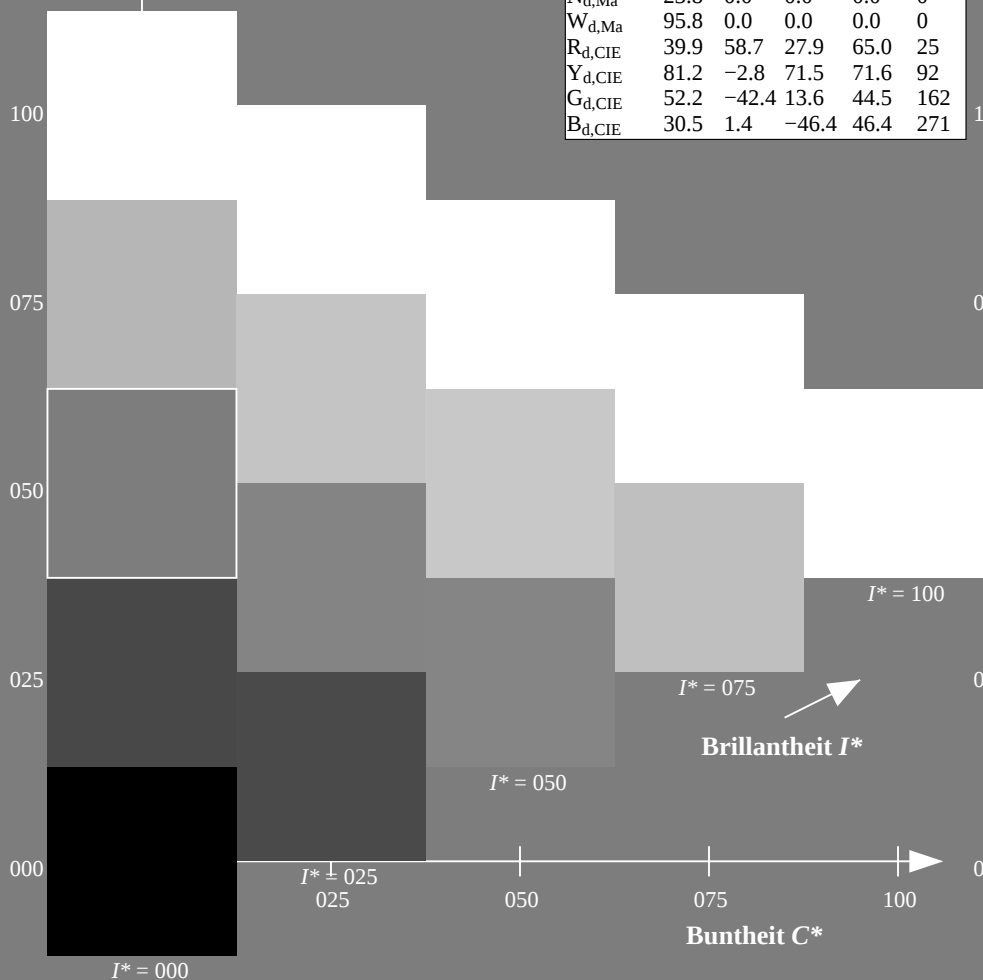
%Regularität

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

$H^*_d = R25Y_d$

LRS18a; adaptierte CIELAB-Daten					
H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100d	47.5	57.2	37.8	68.6	33
R25Y_100_100d	57.4	43.5	54.5	69.7	51
R50Y_100_100d	70.5	19.2	66.2	69.0	73
R75Y_100_100d	83.5	-2.9	76.8	76.9	92
Y00G_100_100d	91.5	-15.8	84.6	86.1	100
Y25G_100_100d	90.4	-20.9	86.5	89.0	103
Y50G_100_100d	70.9	-41.7	54.8	68.9	127
Y75G_100_100d	60.1	-57.9	39.6	70.2	145
G00B_100_100d	54.3	-67.6	30.8	74.3	155
G25B_100_100d	55.0	-51.4	-8.9	52.2	189
G50B_100_100d	53.1	-30.0	-43.1	52.5	235
G75B_100_100d	46.1	-13.3	-49.4	51.1	254
B00R_100_100d	32.5	16.9	-44.6	47.7	290
B25R_100_100d	37.2	43.1	-30.8	53.0	324
B50R_100_100d	48.1	65.4	-12.7	66.6	348
B75R_100_100d	47.8	58.9	10.4	59.9	10



Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker-Ausgabe; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBM: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Sechs Bunttonwinkel der Gerätefarben RYGBM: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Sechs Bunttonwinkel der Elementarfarben RYGBM: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

J=Y_d YellowGelb

$LCH^*_d = 91.5 \ 86.1 \ 100.5$
 $LAB^*_d = 91.5 \ -15.8 \ 84.6$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

L=G_d leaf-greenLaubgrün

$LCH^*_d = 54.3 \ 74.3 \ 155.5$
 $LAB^*_d = 54.3 \ -67.6 \ 30.8$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

C=C_d cyan-blueCyanblau

$LCH^*_d = 53.1 \ 52.5 \ 235.1$
 $LAB^*_d = 53.1 \ -30.0 \ -43.1$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$

O=R_d orange-redOrangerot

$LCH^*_d = 47.5 \ 68.6 \ 33.4$
 $LAB^*_d = 47.5 \ 57.2 \ 37.8$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

M=M_d magenta-redMagentarot

$LCH^*_d = 48.1 \ 66.6 \ 348.9$
 $LAB^*_d = 48.1 \ 65.4 \ -12.7$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

V=B_d violet-blueViolettblau

$LCH^*_d = 32.5 \ 47.7 \ 290.8$
 $LAB^*_d = 32.5 \ 16.9 \ -44.6$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e yellowGelb

$LCH^*_e = 83.6 \ 76.9 \ 92.3$
 $LAB^*_e = 83.6 \ -3.1 \ 76.8$
 $rgb^*_{de} = 1.0 \ 0.768 \ 0.0$

G_e greenGrün

$LCH^*_e = 53.8 \ 69.2 \ 162.2$
 $LAB^*_e = 53.8 \ -65.9 \ 21.1$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.146$

C_e blue-greenBlaugrün

$LCH^*_e = 54.9 \ 48.4 \ 216.9$
 $LAB^*_e = 54.9 \ -38.7 \ -29.1$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.791$

B_e blueBlau

$LCH^*_e = 37.3 \ 48.7 \ 271.7$
 $LAB^*_e = 37.3 \ 1.4 \ -48.6$
 $rgb^*_{de} = 0.0 \ 0.261 \ 1.0$

R_e redRot

$LCH^*_e = 47.5 \ 62.1 \ 25.4$
 $LAB^*_e = 47.5 \ 56.0 \ 26.7$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.263$

M_e blue-redBlaurot

$LCH^*_e = 38.5 \ 54.7 \ 328.6$
 $LAB^*_e = 38.5 \ 46.7 \ -28.5$
 $rgb^*_{de} = 0.584 \ 0.0 \ 1.0$

Y_s yellowGelb standard Standard-CIELAB (a^*_s, b^*_s) chroma diagram-Diagramm

$LCH^*_s = 81.8 \ 76.2 \ 90.0$
 $LAB^*_s = 81.8 \ 0.0 \ 76.2$
 $rgb^*_{ds} = 1.0 \ 0.732 \ 0.0$

G_s greenGrün

$LCH^*_s = 57.6 \ 70.9 \ 150.0$
 $LAB^*_s = 57.6 \ -61.4 \ 35.4$
 $rgb^*_{ds} = 0.145 \ 1.0 \ 0.0$

R_s redRot

$LCH^*_s = 47.6 \ 65.0 \ 30.0$
 $LAB^*_s = 47.6 \ 56.3 \ 32.5$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.157$

M_s blue-redBlaurot

$LCH^*_s = 38.9 \ 55.3 \ 330.0$
 $LAB^*_s = 38.9 \ 47.9 \ -27.6$
 $rgb^*_{ds} = 0.612 \ 0.0 \ 1.0$

C_s blue-greenBlaugrün

$LCH^*_s = 55.2 \ 48.1 \ 210.0$
 $LAB^*_s = 55.2 \ -41.7 \ -24.0$
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.694$

B_s blueBlau

$LCH^*_s = 38.0 \ 48.9 \ 270.0$
 $LAB^*_s = 38.0 \ 0.0 \ -48.9$
 $rgb^*_{ds} = 0.0 \ 0.283 \ 1.0$

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 : $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 30.0$ 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 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 einen 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^*_e produce the output of the device-independent elementary hues erzeugen die Ausgabe der geräteunabhängigen

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker-Ausgabe; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBCM₀: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Sechs Bunttonwinkel der Gerätefarben RYGBCM₀: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Sechs Bunttonwinkel der Elementarfarben RYGBCM₀: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}	LAB^*_{ddx64M} (x=LabCh)	$rgb^*_{ddx361M}$	$LAB^*_{ddx361M}$ (x=LabCh)	$rgb^*_{dsx361M}$	$LAB^*_{dsx361M}$ (x=LabCh)	$rgb^*_{dex361M}$	$LAB^*_{dex361M}$	rgb^*_{ds}	rgb^*_{ds}	rgb^*_{ds}
33.4	30.0	25.4	1.0	0.0	0.0	47.5	57.2	37.9	68.6	33	1.0	0.0	0.0
42.1	37.5	33.8	1.0	0.125	0.0	51.9	54.3	49.2	73.2	42.1	1.0	0.0	0.012
52.8	45.0	42.1	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52.8	1.0	0.125	0.0
63.7	52.5	50.5	1.0	0.375	0.0	64.6	29.8	60.4	67.3	63.7	1.0	0.216	0.0
73.8	60.0	58.8	1.0	0.5	0.0	70.5	19.2	66.3	69.0	73.8	1.0	0.32	0.0
80.7	67.5	67.2	1.0	0.625	0.0	74.9	11.4	70.7	71.6	80.7	1.0	0.412	0.0
91.5	75.0	75.6	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	91.5	1.0	0.532	0.0
96.8	82.5	83.9	1.0	0.875	0.0	87.6	-9.0	75.7	76.3	96.8	1.0	0.655	0.0
100.5	90.0	92.3	1.0	1.0	0.0	91.5	-15.8	84.6	86.1	100.5	1.0	0.769	0.0
101.4	97.5	101.0	0.875	1.0	0.0	92.8	-18.1	89.4	91.2	101.4	0.883	1.0	0.0
103.9	105.0	109.7	0.75	1.0	0.0	90.1	-21.3	86.0	88.6	103.9	0.75	1.0	0.0
115.0	112.5	118.5	0.625	1.0	0.0	79.9	-31.7	67.9	75.0	115.0	0.633	1.0	0.0
127.3	120.0	127.2	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127.3	0.5	1.0	0.0
134.7	127.5	136.0	0.375	1.0	0.0	66.5	-47.5	48.0	67.6	134.7	0.383	1.0	0.0
144.7	135.0	144.7	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144.7	0.25	1.0	0.0
151.0	142.5	153.4	0.125	1.0	0.0	57.0	-62.2	34.4	71.1	151.0	0.133	1.0	0.0
155.5	150.0	162.2	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155.5	0.0	1.0	0.0
160.8	157.5	169.0	0.0	1.0	0.125	53.8	-66.4	23.5	70.6	160.8	0.0	1.0	0.117
168.5	165.0	175.9	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168.5	0.0	1.0	0.25
179.9	172.5	182.7	0.0	1.0	0.375	54.7	-56.8	0.0	56.8	179.9	0.0	1.0	0.367
189.8	180.0	189.6	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189.8	0.0	1.0	0.5
204.4	187.5	196.4	0.0	1.0	0.625	55.3	-44.1	-20.0	48.5	204.4	0.0	1.0	0.617
214.4	195.0	203.2	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214.4	0.0	1.0	0.75
221.9	202.5	210.1	0.0	1.0	0.875	54.4	-36.7	-33.0	49.4	221.9	0.0	1.0	0.867
235.1	210.0	216.9	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235.1	0.0	1.0	1.0
237.9	217.5	223.8	0.0	0.875	1.0	53.1	-27.9	-44.7	52.7	237.9	0.0	0.883	1.0
241.3	225.0	230.6	0.0	0.75	1.0	52.9	-25.8	-47.5	54.1	241.3	0.0	0.75	1.0
247.2	232.5	237.5	0.0	0.625	1.0	50.5	-20.8	-49.5	53.7	247.2	0.0	0.633	1.0
254.9	240.0	244.3	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254.9	0.0	0.5	1.0
262.6	247.5	251.2	0.0	0.375	1.0	41.4	-6.3	-49.2	49.6	262.6	0.0	0.383	1.0
272.6	255.0	258.0	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272.6	0.0	0.25	1.0
281.4	262.5	264.8	0.0	0.125	1.0	35.0	9.4	-46.3	47.3	281.4	0.0	0.133	1.0
290.8	270.0	271.7	0.0	0.0	1.0	32.5	16.9	-44.6	47.7	290.8	0.0	0.0	1.0
299.2	277.5	278.8	0.125	0.0	1.0	31.6	23.6	-42.2	48.4	299.2	0.117	0.0	1.0
307.8	285.0	285.9	0.25	0.0	1.0	31.0	30.5	-39.3	49.8	307.8	0.25	0.0	1.0
317.5	292.5	293.0	0.375	0.0	1.0	34.2	38.2	-35.0	51.8	317.5	0.367	0.0	1.0
324.4	300.0	300.1	0.5	0.0	1.0	37.2	43.1	-30.8	53.0	324.4	0.5	0.0	1.0
330.6	307.5	307.2	0.625	0.0	1.0	39.1	48.4	-27.2	55.6	330.6	0.617	0.0	1.0
338.7	315.0	314.3	0.75	0.0	1.0	41.8	55.1	-21.4	59.1	338.7	0.75	0.0	1.0
343.9	322.5	321.4	0.875	0.0	1.0	45.6	60.1	-17.3	62.6	343.9	0.867	0.0	1.0
348.9	330.0	328.6	1.0	0.0	1.0	48.1	65.4	-12.7	66.6	348.9	1.0	0.0	1.0
350.7	337.5	335.7	1.0	0.0	0.875	49.5	66.1	-10.7	67.0	350.7	1.0	0.0	0.883
354.2	345.0	342.8	1.0	0.0	0.75	49.3	64.5	-6.5	64.8	354.2	1.0	0.0	0.75
361.9	352.5	349.9	1.0	0.0	0.625	48.0	61.8	2.1	61.8	361.9	1.0	0.0	0.633
370.0	360.0	357.0	1.0	0.0	0.5	47.8	58.9	10.4	59.9	370.0	1.0	0.0	0.5
378.9	367.5	364.1	1.0	0.0	0.375	47.4	56.8	19.5	60.0	378.9	1.0	0.0	0.383
386.2	375.0	371.2	1.0	0.0	0.25	47.5	55.9	27.5	62.3	386.2	1.0	0.0	0.25
391.3	382.5	378.3	1.0	0.0	0.125	47.6	56.3	34.2	65.9	391.3	1.0	0.0	0.133
393.4	390.0	385.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	393.4	1.0	0.0	0.0

0-103730-L0 QG090-72 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

Ausgabe: Laserdrucker-Ausgabe; Separation cmyn6*, D65, Seite 8/33

TUB-Prüfvorlage QG09; Bunttoncode: H*d=R25Yd
48-stufige Farbkreise; $rgb-LabCh$ -Tabellen

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

TUB-Registrierung: 20130201-QG09/QG09L0FP.PDF /.PS
Anwendung für Messung von Laserdrucker-Ausgabe, Separation cmyn6* (CMYK)
TUB-Material: Code=rh4ta

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker-Ausgabe; Separation cmykn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBCM_d: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Sechs Bunttonwinkel der Gerätefarben RYGBCM_d: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Sechs Bunttonwinkel der Elementarfarben RYGBCM_c: $h_{ab,c} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}	$LAB^*_{ddx64M} (x=LabCh)$		$rgb^*_{dex361M}$	$LAB^*_{dex361M}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
33.4	30.0	25.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
42.1	37.5	33.8	1.0	0.125	0.0	51.9	54.3	49.2	73.2	42.1
52.8	45.0	42.1	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52.8
63.7	52.5	50.5	1.0	0.375	0.0	64.6	29.8	60.4	67.3	63.7
73.8	60.0	58.8	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
80.7	67.5	67.2	1.0	0.625	0.0	74.9	11.4	70.7	71.6	80.7
91.5	75.0	75.6	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	91.5
96.8	82.5	83.9	1.0	0.875	0.0	87.6	-9.0	75.7	76.3	96.8
100.5	90.0	92.3	1.0	1.0	0.0	91.5	-15.8	84.6	86.1	100.5
101.4	97.5	101.0	0.875	1.0	0.0	92.8	-18.1	89.4	91.2	101.4
103.9	105.0	109.7	0.75	1.0	0.0	90.1	-21.3	86.0	88.6	103.9
115.0	112.5	118.5	0.625	1.0	0.0	79.9	-31.7	67.9	75.0	115.0
127.3	120.0	127.2	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127.3
134.7	127.5	136.0	0.375	1.0	0.0	66.5	-47.5	48.0	67.6	134.7
144.7	135.0	144.7	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144.7
151.0	142.5	153.4	0.125	1.0	0.0	57.0	-62.2	34.4	71.1	151.0
155.5	150.0	162.2	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155.5
160.8	157.5	169.0	0.0	1.0	0.125	53.8	-66.4	23.0	70.2	160.8
168.5	165.0	175.9	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168.5
179.9	172.5	182.7	0.0	1.0	0.375	54.7	-56.8	0.0	56.8	179.9
189.8	180.0	189.6	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189.8
204.4	187.5	196.4	0.0	1.0	0.625	55.3	-44.1	-20.0	48.5	204.4
214.4	195.0	203.2	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214.4
221.9	202.5	210.1	0.0	1.0	0.875	54.4	-36.7	-33.0	49.4	221.9
235.1	210.0	216.9	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235.1
237.9	217.5	223.8	0.0	0.875	1.0	53.1	-27.9	-44.7	52.7	237.9
241.3	225.0	230.6	0.0	0.75	1.0	52.9	-25.9	-47.5	54.1	241.3
247.2	232.5	237.5	0.0	0.625	1.0	50.5	-20.8	-49.5	53.7	247.2
254.9	240.0	244.3	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254.9
262.6	247.5	251.2	0.0	0.375	1.0	41.4	-6.3	-49.2	49.6	262.6
272.6	255.0	258.0	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272.6
281.4	262.5	264.8	0.0	0.125	1.0	35.0	9.4	-46.3	47.3	281.4
290.8	270.0	271.7	0.0	0.0	1.0	32.5	16.9	-44.6	47.7	290.8
299.2	277.5	278.8	0.125	0.0	1.0	31.6	23.6	-42.2	48.4	299.2
307.8	285.0	285.9	0.25	0.0	1.0	31.0	30.5	-39.3	49.8	307.8
317.5	292.5	293.0	0.375	0.0	1.0	34.2	38.2	-35.0	51.8	317.5
324.4	300.0	300.1	0.5	0.0	1.0	37.2	43.1	-30.8	53.0	324.4
330.6	307.5	307.2	0.625	0.0	1.0	39.1	48.4	-27.2	55.6	330.6
338.7	315.0	314.3	0.75	0.0	1.0	41.8	55.1	-21.4	59.1	338.7
343.9	322.5	321.4	0.875	0.0	1.0	45.6	60.1	-17.3	62.6	343.9
348.9	330.0	328.6	1.0	0.0	1.0	48.1	65.4	-12.7	66.6	348.9
350.7	337.5	335.7	1.0	0.0	0.875	49.5	66.1	-10.7	67.0	350.7
354.2	345.0	342.8	1.0	0.0	0.75	49.3	64.5	-6.5	64.8	354.2
361.9	352.5	349.9	1.0	0.0	0.625	48.0	61.8	2.1	61.8	361.9
370.0	360.0	357.0	1.0	0.0	0.5	47.8	58.9	10.4	59.9	370.0
378.9	367.5	364.1	1.0	0.0	0.375	47.4	56.8	19.5	60.0	378.9
386.2	375.0	371.2	1.0	0.0	0.25	47.5	55.9	27.5	62.3	386.2
391.3	382.5	378.3	1.0	0.0	0.125	47.6	56.3	34.2	65.9	391.3
393.4	390.0	385.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	393.4

0-103830-L0 QG090-72 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

TUB-Prüfvorlage QG09; Bunttoncode: $H^*_d=R25Y_d$
48-stufige Farbkreise; $rgb-LabCh^*$ -Tabellen

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

Ausgabe: Laserdrucker-Ausgabe; Separation cmykn6*, D65, Seite 9/33

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker-Ausgabe; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBM: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Sechs Bunttonwinkel der Gerätefarben RYGBM: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Sechs Bunttonwinkel der Elementarfarben RYGBM: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi}(x=LabCh)$	R_d	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	R_s	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	R_e	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
33	30	25	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33	1.0	0.0	0.0	0.0	0.0
34	31	26	1.0	0.016	0.0	48.1	56.9	39.3	69.2	34	1.0	0.0	0.017	0.0	0.0
35	32	27	1.0	0.033	0.0	48.7	56.6	40.8	69.8	35	1.0	0.0	0.033	0.0	0.0
36	33	28	1.0	0.05	0.0	49.3	56.3	42.3	70.4	36	1.0	0.0	0.05	0.0	0.0
38	34	29	1.0	0.066	0.0	49.9	55.9	43.9	71.1	38	1.0	0.0	0.067	0.0	0.0
39	35	31	1.0	0.083	0.0	50.5	55.5	45.4	71.7	39	1.0	0.0	0.083	0.0	0.0
40	36	32	1.0	0.1	0.0	51.0	55.0	46.9	72.3	40	1.0	0.0	0.1	0.0	0.0
41	37	33	1.0	0.116	0.0	51.6	54.5	48.4	72.9	41	1.0	0.0	0.117	0.0	0.0
42	38	34	1.0	0.133	0.0	52.3	53.4	49.7	73.0	42	1.0	0.0	0.133	0.0	0.0
44	39	35	1.0	0.15	0.0	53.2	51.8	50.6	72.4	44	1.0	0.0	0.15	0.0	0.0
45	40	36	1.0	0.166	0.0	54.0	50.2	51.5	71.9	45	1.0	0.0	0.167	0.0	0.0
47	41	37	1.0	0.183	0.0	54.9	48.5	52.3	71.4	47	1.0	0.0	0.183	0.0	0.0
48	42	38	1.0	0.2	0.0	55.7	46.8	53.1	70.8	48	1.0	0.0	0.2	0.0	0.0
50	43	39	1.0	0.216	0.0	56.6	45.2	53.8	70.3	50	1.0	0.0	0.217	0.0	0.0
51	44	41	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51	1.0	0.0	0.233	0.0	0.0
52	45	42	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52	1.0	0.0	0.25	0.0	0.0
54	46	43	1.0	0.266	0.0	59.1	40.2	56.0	69.0	54	1.0	0.0	0.267	0.0	0.0
55	47	44	1.0	0.283	0.0	59.9	38.6	56.8	68.7	55	1.0	0.0	0.283	0.0	0.0
57	48	45	1.0	0.3	0.0	60.8	37.1	57.5	68.5	57	1.0	0.0	0.3	0.0	0.0
58	49	46	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58	1.0	0.0	0.317	0.0	0.0
60	50	47	1.0	0.333	0.0	62.5	33.9	58.9	68.0	60	1.0	0.0	0.333	0.0	0.0
61	51	48	1.0	0.35	0.0	63.3	32.2	59.5	67.7	61	1.0	0.0	0.35	0.0	0.0
63	52	49	1.0	0.366	0.0	64.2	30.6	60.1	67.5	63	1.0	0.0	0.367	0.0	0.0
64	53	51	1.0	0.383	0.0	65.0	29.1	60.8	67.4	64	1.0	0.0	0.383	0.0	0.0
65	54	52	1.0	0.4	0.0	65.8	27.8	61.7	67.7	65	1.0	0.0	0.4	0.0	0.0
67	55	53	1.0	0.416	0.0	66.6	26.4	62.5	67.9	67	1.0	0.0	0.417	0.0	0.0
68	56	54	1.0	0.433	0.0	67.3	25.0	63.3	68.1	68	1.0	0.0	0.433	0.0	0.0
69	57	55	1.0	0.45	0.0	68.1	23.6	64.1	68.3	69	1.0	0.0	0.45	0.0	0.0
71	58	56	1.0	0.466	0.0	68.9	22.1	64.8	68.5	71	1.0	0.0	0.467	0.0	0.0
72	59	57	1.0	0.483	0.0	69.7	20.7	65.6	68.8	72	1.0	0.0	0.483	0.0	0.0
73	60	58	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73	1.0	0.0	0.5	0.0	0.0
74	61	60	1.0	0.516	0.0	71.0	18.2	66.9	69.3	74	1.0	0.0	0.517	0.0	0.0
75	62	61	1.0	0.533	0.0	71.6	17.2	67.5	69.7	75	1.0	0.0	0.533	0.0	0.0
76	63	62	1.0	0.55	0.0	72.2	16.2	68.1	70.0	76	1.0	0.0	0.55	0.0	0.0
77	64	63	1.0	0.566	0.0	72.8	15.1	68.7	70.4	77	1.0	0.0	0.567	0.0	0.0
78	65	64	1.0	0.583	0.0	73.4	14.1	69.3	70.7	78	1.0	0.0	0.583	0.0	0.0
79	66	65	1.0	0.6	0.0	74.0	13.0	69.9	71.1	79	1.0	0.0	0.6	0.0	0.0
80	67	66	1.0	0.616	0.0	74.6	12.0	70.4	71.4	80	1.0	0.0	0.617	0.0	0.0
81	68	67	1.0	0.633	0.0	75.4	10.6	71.2	72.0	81	1.0	0.0	0.633	0.0	0.0
82	69	68	1.0	0.65	0.0	76.5	8.9	72.1	72.7	82	1.0	0.0	0.65	0.0	0.0
84	70	70	1.0	0.666	0.0	77.5	7.2	73.0	73.4	84	1.0	0.0	0.667	0.0	0.0
85	71	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85	1.0	0.0	0.683	0.0	0.0
87	72	72	1.0	0.7	0.0	79.7	3.6	74.7	74.8	87	1.0	0.0	0.7	0.0	0.0
88	73	73	1.0	0.716	0.0	80.8	1.7	75.5	75.5	88	1.0	0.0	0.717	0.0	0.0
-269	74	74	1.0	0.733	0.0	81.8	-0.1	76.3	76.3	-269	1.0	0.0	0.733	0.0	0.0
-268	75	75	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	-268	1.0	0.0	0.75	0.0	0.0

0-103930-L0 QG090-72 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

Ausgabe: Laserdrucker-Ausgabe; Separation cmyn6*, D65, Seite 10/33

TUB-Prüfvorlage QG09; Bunttoncode: H*d=R25Yd
48-stufige Farbkreise; $rgb-LabCh^*$ -Tabellen

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

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker-Ausgabe; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBM; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Sechs Bunttonwinkel der Gerätefarben RYGBM; $d_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Sechs Bunttonwinkel der Elementarfarben RYGBM; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																			
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	LAB^*_{dd361M}	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$
-268	75	75	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	-268	R_d	1.0	0.521	0.0	71.3	18.0	67.1	69.5	75
92	76	76	1.0	0.766	0.0	83.5	-2.9	76.8	76.9	92		1.0	0.539	0.0	71.9	16.9	67.8	69.8	76
92	77	77	1.0	0.783	0.0	84.2	-3.9	76.7	76.8	92		1.0	0.557	0.0	72.5	15.8	68.4	70.2	77
93	78	78	1.0	0.8	0.0	84.8	-4.8	76.5	76.7	93		1.0	0.575	0.0	73.1	14.7	69.1	70.6	78
94	79	80	1.0	0.816	0.0	85.4	-5.8	76.4	76.6	94		1.0	0.593	0.0	73.8	13.5	69.7	71.0	79
95	80	81	1.0	0.833	0.0	86.0	-6.7	76.2	76.5	95		1.0	0.611	0.0	74.4	12.4	70.3	71.4	80
95	81	82	1.0	0.85	0.0	86.6	-7.6	76.0	76.4	95		1.0	0.627	0.0	75.1	11.2	70.9	71.8	81
96	82	83	1.0	0.866	0.0	87.3	-8.6	75.8	76.3	96		1.0	0.639	0.0	75.8	10.1	71.6	72.3	82
97	83	84	1.0	0.883	0.0	87.8	-9.4	76.3	76.9	97		1.0	0.651	0.0	76.6	8.9	72.2	72.8	83
97	84	85	1.0	0.9	0.0	88.4	-10.3	77.6	78.2	97		1.0	0.662	0.0	77.3	7.7	72.9	73.3	84
98	85	86	1.0	0.916	0.0	88.9	-11.2	78.8	79.6	98		1.0	0.674	0.0	78.1	6.4	73.5	73.8	85
98	86	87	1.0	0.933	0.0	89.4	-12.0	80.0	80.9	98		1.0	0.686	0.0	78.8	5.2	74.1	74.3	86
99	87	88	1.0	0.95	0.0	89.9	-12.9	81.1	82.2	99		1.0	0.697	0.0	79.6	3.9	74.7	74.8	87
99	88	90	1.0	0.966	0.0	90.5	-13.9	82.3	83.5	99		1.0	0.709	0.0	80.3	2.6	75.2	75.3	88
100	89	91	1.0	0.983	0.0	91.0	-14.8	83.5	84.8	100		1.0	0.721	0.0	81.1	1.3	75.8	75.8	89
100	90	92	1.0	1.0	0.0	91.5	-15.8	84.6	86.1	100	Y_d	1.0	0.732	0.0	81.8	0.0	76.3	76.3	90
100	91	93	0.983	1.0	0.0	91.7	-16.1	85.3	86.8	100		1.0	0.744	0.0	82.6	-1.2	76.7	76.8	91
100	92	94	0.966	1.0	0.0	91.9	-16.4	85.9	87.5	100		1.0	0.761	0.0	83.4	-2.6	76.9	77.0	92
100	93	95	0.95	1.0	0.0	92.0	-16.7	86.5	88.2	100		1.0	0.785	0.0	84.3	-3.9	76.7	76.8	93
101	94	96	0.933	1.0	0.0	92.2	-17.0	87.2	88.8	101		1.0	0.808	0.0	85.1	-5.2	76.5	76.7	94
101	95	98	0.916	1.0	0.0	92.4	-17.3	87.8	89.5	101		1.0	0.832	0.0	86.0	-6.6	76.3	76.6	95
101	96	99	0.9	1.0	0.0	92.5	-17.6	88.4	90.2	101		1.0	0.855	0.0	86.9	-7.9	76.0	76.4	96
101	97	100	0.883	1.0	0.0	92.7	-18.0	89.1	90.9	101		1.0	0.88	0.0	87.8	-9.3	76.2	76.7	97
101	98	101	0.866	1.0	0.0	92.6	-18.3	89.2	91.0	101		1.0	0.914	0.0	88.8	-10.9	78.6	79.4	98
101	99	102	0.85	1.0	0.0	92.2	-18.8	88.7	90.7	101		1.0	0.947	0.0	89.9	-12.7	81.0	82.0	99
102	100	103	0.833	1.0	0.0	91.9	-19.2	88.3	90.3	102		1.0	0.98	0.0	91.0	-14.6	83.3	84.6	100
102	101	105	0.816	1.0	0.0	91.5	-19.6	87.8	90.0	102		0.943	1.0	0.0	92.2	-16.8	86.9	88.5	101
102	102	106	0.8	1.0	0.0	91.1	-20.1	87.4	89.7	102		0.849	1.0	0.0	92.2	-18.8	88.7	90.7	102
103	103	107	0.783	1.0	0.0	90.8	-20.5	86.9	89.3	103		0.798	1.0	0.0	91.2	-20.1	87.4	89.7	103
103	104	108	0.766	1.0	0.0	90.4	-20.9	86.5	89.0	103		0.749	1.0	0.0	90.1	-21.3	86.0	88.6	104
103	105	109	0.75	1.0	0.0	90.1	-21.3	86.0	88.6	103		0.738	1.0	0.0	89.2	-22.5	84.4	87.4	105
105	106	110	0.733	1.0	0.0	88.7	-23.1	83.7	86.8	105		0.727	1.0	0.0	88.2	-23.6	82.8	86.1	106
106	107	112	0.716	1.0	0.0	87.3	-24.7	81.3	85.0	106		0.716	1.0	0.0	87.3	-24.7	81.2	84.9	107
108	108	113	0.7	1.0	0.0	86.0	-26.2	78.9	83.2	108		0.704	1.0	0.0	86.4	-25.8	79.6	83.7	108
109	109	114	0.683	1.0	0.0	84.6	-27.6	76.5	81.3	109		0.693	1.0	0.0	85.5	-26.7	78.0	82.5	109
111	110	115	0.666	1.0	0.0	83.3	-28.9	74.1	79.5	111		0.682	1.0	0.0	84.5	-27.7	76.3	81.2	110
112	111	116	0.65	1.0	0.0	81.9	-30.1	71.6	77.7	112		0.67	1.0	0.0	83.6	-28.6	74.7	80.0	111
114	112	117	0.633	1.0	0.0	80.5	-31.2	69.2	75.9	114		0.659	1.0	0.0	82.7	-29.4	73.0	78.8	112
115	113	119	0.616	1.0	0.0	79.3	-32.5	67.1	74.6	115		0.648	1.0	0.0	81.8	-30.2	71.4	77.5	113
117	114	120	0.6	1.0	0.0	78.1	-34.0	65.4	73.8	117		0.637	1.0	0.0	80.9	-30.9	69.7	76.3	114
119	115	121	0.583	1.0	0.0	76.9	-35.5	63.7	72.9	119		0.625	1.0	0.0	79.9	-31.6	68.0	75.1	115
120	116	122	0.566	1.0	0.0	75.7	-36.9	62.0	72.1	120		0.615	1.0	0.0	79.2	-32.6	67.0	74.5	116
122	117	123	0.55	1.0	0.0	74.5	-38.2	60.2	71.3	122		0.605	1.0	0.0	78.5	-33.5	66.0	74.1	117
124	118	124	0.533	1.0	0.0	73.3	-39.4	58.4	70.5	124		0.595	1.0	0.0	77.8	-34.4	64.9	73.6	118
125	119	126	0.516	1.0	0.0	72.1	-40.6	56.6	69.7	125		0.585	1.0	0.0	77.0	-35.3	63.9	73.1	119
127	120	127	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127		0.574	1.0	0.0	76.3	-36.2	62.8	72.6	120

0-1031030-L0 QG090-72 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nmw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

TUB-Prüfvorlage QG09; Bunttoncode: H*d=R25Yd
48-stufige Farbkreise; $rgb-LabCh^*$ -Tabellen

Eingabe: $rgb/cmyk \rightarrow rgb_{dd}$

Ausgabe: 3D-Linearisierung $cmyk^*_{dd}$

Ausgabe: Laserdrucker-Ausgabe; Separation cmyn6*, D65, Seite 11/33

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker-Ausgabe; Separation cmyn6*; D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBM _s ; h _{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben RYGBM _d ; h _{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Sechs Bunttonwinkel der Elementarfarben RYGBM _e ; 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* _{ds361Mi}			rgb* _{ds}		
127	120	127	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127	0.574	1.0	0.0	76.3	-36.2	62.8	72.6	120	0.5	1.0	0.0	0.501	1.0	0.0	71.0	-41.6	54.9	68.9	127	0.5	1.0	0.0						
128	121	128	0.483	1.0	0.0	70.4	-42.6	53.9	68.7	128	0.564	1.0	0.0	75.6	-37.0	61.8	72.1	121	0.483	1.0	0.0	0.481	1.0	0.0	70.3	-42.6	53.8	68.7	128	0.483	1.0	0.0						
129	122	129	0.466	1.0	0.0	69.8	-43.4	53.0	68.5	129	0.554	1.0	0.0	74.9	-37.8	60.7	71.6	122	0.467	1.0	0.0	0.462	1.0	0.0	69.6	-43.6	52.8	68.5	129	0.467	1.0	0.0						
130	123	130	0.45	1.0	0.0	69.2	-44.2	52.1	68.3	130	0.544	1.0	0.0	74.1	-38.6	59.6	71.1	123	0.45	1.0	0.0	0.442	1.0	0.0	68.9	-44.5	51.7	68.3	130	0.45	1.0	0.0						
131	124	131	0.433	1.0	0.0	68.6	-45.0	51.2	68.2	131	0.534	1.0	0.0	73.4	-39.4	58.5	70.6	124	0.433	1.0	0.0	0.422	1.0	0.0	68.3	-45.4	50.7	68.1	131	0.433	1.0	0.0						
132	125	132	0.416	1.0	0.0	68.0	-45.7	50.3	68.0	132	0.524	1.0	0.0	72.7	-40.1	57.4	70.1	125	0.417	1.0	0.0	0.403	1.0	0.0	67.6	-46.3	49.6	67.9	132	0.417	1.0	0.0						
133	126	133	0.4	1.0	0.0	67.4	-46.5	49.4	67.8	133	0.513	1.0	0.0	72.0	-40.8	56.3	69.6	126	0.4	1.0	0.0	0.383	1.0	0.0	66.9	-47.1	48.5	67.7	133	0.4	1.0	0.0						
134	127	134	0.383	1.0	0.0	66.8	-47.2	48.5	67.7	134	0.503	1.0	0.0	71.2	-41.5	55.2	69.1	127	0.383	1.0	0.0	0.366	1.0	0.0	66.2	-48.2	47.6	67.8	134	0.383	1.0	0.0						
135	128	135	0.366	1.0	0.0	66.1	-48.2	47.5	67.7	135	0.489	1.0	0.0	70.6	-42.3	54.2	68.8	128	0.367	1.0	0.0	0.352	1.0	0.0	65.5	-49.4	46.8	68.1	135	0.367	1.0	0.0						
136	129	136	0.35	1.0	0.0	65.4	-49.5	46.6	68.1	136	0.472	1.0	0.0	70.0	-43.1	53.3	68.6	129	0.35	1.0	0.0	0.337	1.0	0.0	64.8	-50.5	46.0	68.4	136	0.35	1.0	0.0						
138	130	138	0.333	1.0	0.0	64.6	-50.9	45.7	68.4	138	0.455	1.0	0.0	69.4	-43.9	52.4	68.4	130	0.333	1.0	0.0	0.323	1.0	0.0	64.1	-51.7	45.1	68.7	138	0.333	1.0	0.0						
139	131	140	0.316	1.0	0.0	63.8	-52.2	44.7	68.7	139	0.438	1.0	0.0	68.8	-44.7	51.5	68.3	131	0.317	1.0	0.0	0.308	1.0	0.0	63.4	-52.8	44.2	68.9	140	0.317	1.0	0.0						
140	132	141	0.3	1.0	0.0	63.0	-53.5	43.7	69.1	140	0.421	1.0	0.0	68.2	-45.5	50.6	68.1	132	0.3	1.0	0.0	0.294	1.0	0.0	62.7	-53.9	43.3	69.2	141	0.3	1.0	0.0						
142	133	142	0.283	1.0	0.0	62.2	-54.7	42.6	69.4	142	0.404	1.0	0.0	67.6	-46.2	49.7	67.9	133	0.283	1.0	0.0	0.279	1.0	0.0	62.0	-55.0	42.4	69.5	142	0.283	1.0	0.0						
143	134	143	0.266	1.0	0.0	61.4	-56.0	41.5	69.7	143	0.387	1.0	0.0	67.0	-47.0	48.7	67.7	134	0.267	1.0	0.0	0.265	1.0	0.0	61.3	-56.1	41.4	69.8	143	0.267	1.0	0.0						
144	135	144	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144	0.372	1.0	0.0	66.4	-47.8	47.9	67.7	135	0.25	1.0	0.0	0.25	1.0	0.0	60.6	-57.1	40.5	70.1	144	0.25	1.0	0.0						
145	136	145	0.233	1.0	0.0	60.1	-57.9	39.6	70.2	145	0.359	1.0	0.0	65.8	-48.8	47.2	67.9	136	0.233	1.0	0.0	0.227	1.0	0.0	60.0	-58.1	39.4	70.3	145	0.233	1.0	0.0						
146	137	146	0.216	1.0	0.0	59.6	-58.6	38.9	70.3	146	0.347	1.0	0.0	65.2	-49.8	46.5	68.2	137	0.217	1.0	0.0	0.204	1.0	0.0	59.3	-59.1	38.3	70.5	146	0.217	1.0	0.0						
147	138	148	0.2	1.0	0.0	59.1	-59.3	38.1	70.5	147	0.334	1.0	0.0	64.7	-50.8	45.8	68.4	138	0.2	1.0	0.0	0.181	1.0	0.0	58.6	-60.0	37.2	70.7	148	0.2	1.0	0.0						
148	139	149	0.183	1.0	0.0	58.7	-59.9	37.3	70.6	148	0.322	1.0	0.0	64.1	-51.7	45.1	68.7	139	0.183	1.0	0.0	0.158	1.0	0.0	58.0	-60.9	36.1	70.8	149	0.183	1.0	0.0						
148	140	150	0.166	1.0	0.0	58.2	-60.6	36.4	70.7	148	0.309	1.0	0.0	63.5	-52.7	44.3	68.9	140	0.167	1.0	0.0	0.135	1.0	0.0	57.3	-61.8	34.9	71.0	150	0.167	1.0	0.0						
149	141	151	0.15	1.0	0.0	57.7	-61.2	35.6	70.9	149	0.297	1.0	0.0	62.9	-53.7	43.5	69.2	141	0.15	1.0	0.0	0.106	1.0	0.0	56.6	-63.0	33.9	71.6	151	0.15	1.0	0.0						
150	142	152	0.133	1.0	0.0	57.2	-61.9	34.8	71.0	150	0.284	1.0	0.0	62.3	-54.6	42.7	69.4	142	0.133	1.0	0.0	0.073	1.0	0.0	55.9	-64.4	33.0	72.5	152	0.133	1.0	0.0						
151	143	154	0.116	1.0	0.0	56.8	-62.5	34.1	71.3	151	0.272	1.0	0.0	61.7	-55.5	41.9	69.7	143	0.117	1.0	0.0	0.041	1.0	0.0	55.2	-65.8	32.1	73.3	154	0.117	1.0	0.0						
151	144	155	0.1	1.0	0.0	56.4	-63.3	33.7	71.7	151	0.259	1.0	0.0	61.1	-56.5	41.1	69.9	144	0.1	1.0	0.0	0.008	1.0	0.0	54.5	-67.2	31.1	74.2	155	0.1	1.0	0.0						
152	145	156	0.083	1.0	0.0	56.1	-64.0	33.2	72.1	152	0.245	1.0	0.0	60.5	-57.4	40.2	70.1	145	0.083	1.0	0.0	0.0	1.0	0.021	54.3	-67.4	29.5	73.7	156	0.083	1.0	0.0						
153	146	157	0.066	1.0	0.0	55.7	-64.7	32.8	72.6	153	0.225	1.0	0.0	59.9	-58.2	39.3	70.3	146	0.067	1.0	0.0	0.0	1.0	0.048	54.1	-67.2	27.8	72.8	157	0.067	1.0	0.0						
153	147	158	0.049	1.0	0.0	55.4	-65.5	32.3	73.0	153	0.205	1.0	0.0	59.3	-59.0	38.4	70.5	147	0.05	1.0	0.0	0.0	1.0	0.075	54.0	-66.9	26.1	71.9	158	0.05	1.0	0.0						
154	148	159	0.033	1.0	0.0	55.0	-66.2	31.8	73.5	154	0.186	1.0	0.0	58.8	-59.8	37.4	70.6	148	0.033	1.0	0.0	0.0	1.0	0.102	53.9	-66.6	24.4	71.0	159	0.033	1.0	0.0						
154	149	161	0.016	1.0	0.0	54.7	-66.9	31.3	73.9	154	0.166	1.0	0.0	58.2	-60.6	36.5	70.8	149	0.017	1.0	0.0	0.0	1.0	0.128	53.8	-66.3	22.8	70.2	161	0.017	1.0	0.0						
155	150	162	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155	G _d 0.146	1.0	0.0	57.6	-61.3	35.5	70.9	150	G _s 0.0	1.0	0.0	0.0	1.0	0.147	53.8	-65.9	21.1	69.3	162	G _e 0.0	1.0	0.0						
156	151	163	0.0	1.0	0.016	54.2	-67.5	29.7	73.8	156	0.126	1.0	0.0	57.0	-62.1	34.5	71.1	151	0.0	1.0	0.017	0.0	1.0	0.162	53.8	-65.5	19.9	68.6	163	0.0	1.0	0.017						
156	152	164	0.0	1.0	0.033	54.2	-67.4	28.6	73.2	156	0.099	1.0	0.0	56.4	-63.3	33.7	71.8	152	0.0	1.0	0.033	0.0	1.0	0.177	53.8	-65.2	18.7	67.9	164	0.0	1.0	0.033						
157	153	164	0.0	1.0	0.05	54.1	-67.2	27.6	72.7	157	0.071	1.0	0.0	55.9	-64.5	32.9	72.5	153	0.0	1.0	0.05	0.0	1.0	0.192	53.8	-64.8	17.4	67.2	164	0.0	1.0	0.05						
158	154	165	0.0	1.0	0.066	54.0	-67.1	26.6	72.1	158	0.042	1.0	0.0	55.3	-65.7	32.1	73.3	154	0.0	1.0	0.067	0.0	1.0	0.207	53.8	-64.4	16.2	66.5	165	0.0	1.0	0.067						
159	155	166	0.0	1.0	0.083	53.9	-66.9	25.5	71.6	159	0.014	1.0	0.0	54.7	-67.0	31.3	74.0	155	0.0	1.0	0.083	0.0	1.0	0.222	53.8	-63.9	15.0	65.8	166	0.0	1							

0-1031130-L0 QG090-72 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nmw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

TUB-Prüfvorlage QG09; Bunttoncode: H*d=R25Yd
48-stufige Farbkreise; $rgb-LabCh^*$ -Tabellen

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

Ausgabe: Laserdrucker-Ausgabe; Separation cmyn6*; D65, Seite 12/33

Daten der Maximalfarbe M im Farbmimetrik-System Laserdrucker-Ausgabe; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGBM*; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

Sechs Buntonwinkel der Gerätefarben $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Sechs Buntonwinkel der Elementarfarben $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

r_{ab}^*	$n_{ab,s}$	$n_{ab,e}$	r_{gb}^*	$dd361M$	LAB^*	$dxd361Mi$ ($x=LabCh$)	r_{gb}^*	$ds361Mi$	LAB^*	$dsx361Mi$ ($x=LabCh$)	r_{gb}^*	$dd361Mi$	r_{gb}^*	$de361Mi$	LAB^*	$dex361Mi$ ($x=LabCh$)	r_{gb}^*	$dd361Mi$	r_{gb}	dd	r_{gb}	ds	r_{gb}
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	0.0	1.0	0.192	53.8	-64.7	17.4	67.1	165	0.0	1.0	0.25		
170	166	176	0.0	1.0	0.266	53.9	-62.4	10.9	63.4	170	0.0	1.0	0.209	53.8	-64.3	16.1	66.4	166	0.0	1.0	0.267		
171	167	177	0.0	1.0	0.283	54.0	-61.7	9.1	62.4	171	0.0	1.0	0.225	53.8	-63.8	14.8	65.6	167	0.0	1.0	0.283		
173	168	178	0.0	1.0	0.3	54.1	-60.9	7.3	61.3	173	0.0	1.0	0.242	53.8	-63.3	13.5	64.8	168	0.0	1.0	0.3		
174	169	179	0.0	1.0	0.316	54.3	-60.1	5.6	60.3	174	0.0	1.0	0.255	53.8	-62.8	12.2	64.1	169	0.0	1.0	0.317		
176	170	180	0.0	1.0	0.333	54.4	-59.2	3.9	59.3	176	0.0	1.0	0.266	53.9	-62.4	11.0	63.5	170	0.0	1.0	0.333		
177	171	181	0.0	1.0	0.35	54.5	-58.2	2.3	58.3	177	0.0	1.0	0.277	54.0	-61.9	9.8	62.8	171	0.0	1.0	0.35		
179	172	182	0.0	1.0	0.366	54.7	-57.3	0.8	57.3	179	0.0	1.0	0.288	54.1	-61.4	8.6	62.1	172	0.0	1.0	0.367		
180	173	183	0.0	1.0	0.383	54.7	-56.5	-0.6	56.5	180	0.0	1.0	0.299	54.2	-60.9	7.5	61.5	173	0.0	1.0	0.383		
181	174	184	0.0	1.0	0.4	54.8	-55.8	-1.8	55.9	181	0.0	1.0	0.31	54.3	-60.4	6.4	60.8	174	0.0	1.0	0.4		
183	175	185	0.0	1.0	0.416	54.8	-55.2	-3.1	55.2	183	0.0	1.0	0.321	54.3	-59.8	5.2	60.1	175	0.0	1.0	0.417		
184	176	185	0.0	1.0	0.433	54.8	-54.5	-4.3	54.6	184	0.0	1.0	0.332	54.4	-59.2	4.1	59.5	176	0.0	1.0	0.433		
185	177	186	0.0	1.0	0.45	54.9	-53.7	-5.5	54.0	185	0.0	1.0	0.343	54.5	-58.6	3.1	58.8	177	0.0	1.0	0.45		
187	178	187	0.0	1.0	0.466	54.9	-53.0	-6.6	53.4	187	0.0	1.0	0.354	54.6	-58.0	2.0	58.1	178	0.0	1.0	0.467		
188	179	188	0.0	1.0	0.483	55.0	-52.2	-7.8	52.8	188	0.0	1.0	0.365	54.7	-57.3	1.0	57.5	179	0.0	1.0	0.483		
189	180	189	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189	0.0	1.0	0.375	54.8	-56.7	0.0	56.8	180	0.0	1.0	0.5		
191	181	190	0.0	1.0	0.516	55.0	-50.6	-10.5	51.7	191	0.0	1.0	0.388	54.8	-56.2	-0.9	56.3	181	0.0	1.0	0.517		
193	182	191	0.0	1.0	0.533	55.1	-49.7	-12.1	51.2	193	0.0	1.0	0.401	54.8	-55.7	-1.8	55.9	182	0.0	1.0	0.533		
195	183	192	0.0	1.0	0.55	55.1	-48.8	-13.7	50.7	195	0.0	1.0	0.414	54.9	-55.2	-2.8	55.4	183	0.				

0-1031230-L0	QG090-72	LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0
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Ausgabe: Laserdrucker-Ausgabe; Separation cmyn6*, D65, Seite 13/38

TUB-Prüfvorlage QG09; Bunttoncode: H*d=R25Yd
48-stufige Farbkreise; *rgb-LabCh**-Tabellen

Eingabe: $rgb/cmyk \rightarrow rgb_{dd}$

Ausgabe: 3D-Linearisierung $cmyk^*_{dd}$

TUB-Registrierung: 20130201-QG09/QG09L0FP.PDF/.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, Separation cmyk* (CMYK)

TUB-Material: Code=rha4ta

Target diagram showing a score of 13/33 and a value of -8/6.

Daten der Maximalwinkel θ im Farbmetriek-System Laserdicker-Ausgabe: Separation cmy $\bar{n}g^*$, D-65 für Ein- oder Ausgabe; Sech $\bar{s}$ Bunttonwinkel der 60-Grad Standardfarben RYGBCRM; h_{ab} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sach $\bar{e}$ Buntt $\bar{u}$ nswinkel des Gr $\bar{u}$ nt $\bar{u}$ nfarben RYGBCRM; h_{ab} = 32.5, 290.9, 249.9, 9.6 für Bunttonwinkel des Fl $\bar{u}$ ssigfarben RYGBCRM; h_{ab} = 25.5, 92.2, 163.2, 217.0, 274.7, 328.6

Sechs Bündelwinkel der Gerätefarben RYGBM ₁ : $\lambda_{ab,d}$ = 55.3, 100.0, 135.3, 233.2, 290.0, 346.3; Sechs Bündelwinkel der Elementarfarben RYGBM ₂ : $\lambda_{ab,e}$ = 23.3, 92.3, 162.2, 217.0, 271.7, 326.0																																			
$\lambda_{ab,d}$	$\lambda_{ab,s}$	$\lambda_{ab,e}$	$rgb^*_{ds361Mi}$	$LAB^*_{d361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}(x=LabCh)$	$LAB^*_{d361Mi}(x=LabCh)$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{de361Mi}$																										
235	210	216	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235	C_d	0.0	1.0	0.694	55.3	-41.6	-24.0	48.2	210	C_s	0.0	1.0	1.0	0.0	1.0	0.792	55.0	-38.6	-29.0	48.4	216	C_e	0.0	1.0	1.0
235	211	217	0.0	0.983	1.0	53.1	-29.7	-43.3	52.5	235		0.0	1.0	0.707	55.3	-41.2	-24.7	48.1	211		0.0	0.983	1.0	0.0	1.0	0.807	54.9	-38.3	-29.8	48.6	217	0.0	0.983	1.0	
235	212	218	0.0	0.966	1.0	53.1	-29.4	-43.5	52.5	235		0.0	1.0	0.719	55.3	-40.7	-25.4	48.1	212		0.0	0.967	1.0	0.0	1.0	0.822	54.8	-37.9	-30.5	48.8	218	0.0	0.967	1.0	
236	213	219	0.0	0.95	1.0	53.1	-29.2	-43.7	52.6	236		0.0	1.0	0.732	55.3	-40.2	-26.1	48.0	213		0.0	0.95	1.0	0.0	1.0	0.837	54.7	-37.6	-31.2	49.0	219	0.0	0.95	1.0	
236	214	220	0.0	0.933	1.0	53.1	-28.9	-43.9	52.6	236		0.0	1.0	0.744	55.2	-39.7	-26.7	48.0	214		0.0	0.933	1.0	0.0	1.0	0.853	54.6	-37.2	-31.9	49.2	220	0.0	0.933	1.0	
237	215	221	0.0	0.916	1.0	53.1	-28.6	-44.2	52.6	237		0.0	1.0	0.759	55.2	-39.3	-27.5	48.1	215		0.0	0.917	1.0	0.0	1.0	0.868	54.5	-36.9	-32.6	49.4	221	0.0	0.917	1.0	
237	216	222	0.0	0.9	1.0	53.1	-28.3	-44.4	52.7	237		0.0	1.0	0.775	55.1	-38.9	-28.3	48.3	216		0.0	0.9	1.0	0.0	1.0	0.88	54.4	-36.5	-33.4	49.6	222	0.0	0.9	1.0	
237	217	223	0.0	0.883	1.0	53.1	-28.1	-44.6	52.7	237		0.0	1.0	0.792	55.0	-38.6	-29.1	48.5	217		0.0	0.883	1.0	0.0	1.0	0.888	54.3	-36.1	-34.1	49.8	223	0.0	0.883	1.0	
238	218	224	0.0	0.866	1.0	53.0	-27.8	-44.9	52.8	238		0.0	1.0	0.809	54.9	-38.2	-29.9	48.7	218		0.0	0.867	1.0	0.0	1.0	0.897	54.2	-35.7	-34.8	50.0	224	0.0	0.867	1.0	
238	219	225	0.0	0.85	1.0	53.0	-27.5	-45.3	53.0	238		0.0	1.0	0.825	54.8	-37.9	-30.6	48.9	219		0.0	0.85	1.0	0.0	1.0	0.906	54.1	-35.3	-35.5	50.2	225	0.0	0.85	1.0	
239	220	226	0.0	0.833	1.0	53.0	-27.3	-45.6	53.2	239		0.0	1.0	0.842	54.7	-37.5	-31.4	49.1	220		0.0	0.833	1.0	0.0	1.0	0.914	54.1	-34.9	-36.2	50.4	226	0.0	0.833	1.0	
239	221	227	0.0	0.816	1.0	53.0	-27.0	-46.0	53.4	239		0.0	1.0	0.859	54.6	-37.1	-32.2	49.3	221		0.0	0.817	1.0	0.0	1.0	0.923	54.0	-34.4	-36.9	50.6	227	0.0	0.817	1.0	
240	222	227	0.0	0.8	1.0	52.9	-26.7	-46.4	53.6	240		0.0	1.0	0.875	54.5	-36.7	-33.0	49.5	222		0.0	0.8	1.0	0.0	1.0	0.932	53.9	-34.0	-37.6	50.8	227	0.0	0.8	1.0	
240	223	228	0.0	0.783	1.0	52.9	-26.5	-46.8	53.8	240		0.0	1.0	0.885	54.4	-36.2	-33.8	49.7	223		0.0	0.783	1.0	0.0	1.0	0.94	53.8	-33.5	-38.3	51.1	228	0.0	0.783	1.0	
240	224	229	0.0	0.766	1.0	52.9	-26.2	-47.2	53.9	240		0.0	1.0	0.894	54.3	-35.8	-34.6	49.9	224		0.0	0.767	1.0	0.0	1.0	0.949	53.7	-33.0	-39.0	51.3	229	0.0	0.767	1.0	
241	225	230	0.0	0.75	1.0	52.9	-25.9	-47.5	54.1	241		0.0	1.0	0.904	54.2	-35.4	-35.4	50.2	225		0.0	0.75	1.0	0.0	1.0	0.957	53.6	-32.5	-39.7	51.5	230	0.0	0.75	1.0	
242	226	231	0.0	0.733	1.0	52.6	-25.2	-47.8	54.1	242		0.0	1.0	0.913	54.1	-34.9	-36.2	50.4	226		0.0	0.733	1.0	0.0	1.0	0.966	53.5	-32.0	-40.4	51.7	231	0.0	0.733	1.0	
242	227	232	0.0	0.716	1.0	52.2	-24.5	-48.1	54.0	242		0.0	1.0	0.923	54.0	-34.4	-36.9	50.6	227		0.0	0.717	1.0	0.0	1.0	0.975	53.4	-31.5	-41.1	51.9	232	0.0	0.717	1.0	
243	228	233	0.0	0.7	1.0	51.9	-23.9	-48.4	54.0	243		0.0	1.0	0.932	53.9	-33.9	-37.7	50.9	228		0.0	0.7	1.0	0.0	1.0	0.983	53.3	-31.0	-41.7	52.1	233	0.0	0.7	1.0	
244	229	234	0.0	0.683	1.0	51.6	-23.2	-48.6	53.9	244		0.0	1.0	0.942	53.8	-33.4	-38.5	51.1	229		0.0	0.683	1.0	0.0	1.0	0.992	53.2	-30.4	-42.4	52.3	234	0.0	0.683	1.0	
245	230	235	0.0	0.666	1.0	51.3	-22.5	-48.9	53.8	245		0.0	1.0	0.951	53.7	-32.9	-39.2	51.3	230		0.0	0.667	1.0	0.0	1.0	0.997	1.0	53.1	-29.9	-43.1	52.5	235	0.0	0.667	1.0
246	231	236	0.0	0.65	1.0	51.0	-21.8	-49.1	53.8	246		0.0	1.0	0.961	53.6	-32.3	-40.0	51.6	231		0.0	0.65	1.0	0.0	1.0	0.956	1.0	53.1	-29.2	-43.6	52.6	236	0.0	0.65	1.0
246	232	237	0.0	0.633	1.0	50.7	-21.1	-49.4	53.7	246		0.0	1.0	0.97	53.5	-31.8	-40.7	51.8	232		0.0	0.633	1.0	0.0	1.0	0.916	1.0	53.1	-28.6	-44.1	52.7	237	0.0	0.633	1.0
247	233	237	0.0	0.616	1.0	50.2	-20.2	-49.5	53.5	247		0.0	1.0	0.98	53.4	-31.2	-41.5	52.0	233		0.0	0.617	1.0	0.0	1.0	0.876	1.0	53.1	-27.9	-44.6	52.8	237	0.0	0.617	1.0
248	234	238	0.0	0.6	1.0	49.7	-19.2	-49.6	53.2	248		0.0	1.0	0.989	53.2	-30.6	-42.2	52.3	234		0.0	0.6	1.0	0.0	1.0	0.842	1.0	53.1	-27.4	-45.4	53.1	238	0.0	0.6	1.0
249	235	239	0.0	0.583	1.0	49.1	-18.2	-49.6	52.8	249		0.0	1.0	0.999	53.1	-30.0	-42.9	52.5	235		0.0	0.583	1.0	0.0	1.0	0.809	1.0	53.0	-26.8	-46.2	53.5	239	0.0	0.583	1.0
250	236	240	0.0	0.566	1.0	48.5	-17.2	-49.6	52.5	250		0.0	0.963	1.0	53.1	-29.3	-43.5	52.6	236		0.0	0.567	1.0	0.0	1.0	0.775	1.0	53.0	-26.3	-46.9	53.9	240	0.0	0.567	1.0
251	237	241	0.0	0.55	1.0	47.9	-16.2	-49.5	52.2	251		0.0	0.918	1.0	53.1	-28.6	-44.1	52.7	237		0.0	0.55	1.0	0.0	1.0	0.745	1.0	52.8	-25.6	-47.6	54.2	241	0.0	0.55	1.0
252	238	242	0.0	0.533	1.0	47.3	-15.2	-49.5	51.8	252		0.0	0.874	1.0	53.1	-27.9	-44.7	52.8	238		0.0	0.533	1.0	0.0	1.0	0.726	1.0	52.5	-24.9	-47.9	54.1	242	0.0	0.533	1.0
253	239	243	0.0	0.516	1.0	46.7	-14.4	-49.4	51.5	253		0.0	0.838	1.0	53.0	-27.3	-45.5	53.2	239		0.0	0.517	1.0	0.0	1.0	0.706	1.0	52.1	-24.1	-48.2	54.0	243	0.0	0.517	1.0
254	240	244	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254		0.0	0.801	1.0	53.0	-26.7	-46.3	53.6	240		0.0	0.5	1.0	0.0	1.0	0.686	1.0	51.7	-23.3	-48.5	54.0	244	0.0	0.5	1.0
255	241	245	0.0	0.483	1.0	45.5	-12.3	-49.4	50.9	255		0.0	0.764	1.0	52.9	-26.1	-47.2	54.0	241		0.0	0.483	1.0	0.0	1.0	0.667	1.0	51.4	-22.4	-48.8	53.9	245	0.0	0.483	1.0
256	242	246	0.0	0.466	1.0	44.8	-11.4	-49.4	50.7	256		0.0	0.737	1.0	52.7	-25.3	-47.7	54.1	242		0.0	0.467	1.0	0.0	1.0	0.647	1.0	51.0	-21.6	-49.1	53.8	246	0.0	0.467	1.0
258	243	247	0.0	0.45	1.0	44.2	-10.5	-49.4	50.5	258		0.0	0.716	1.0	52.3	-24.4	-48.1	54.1	243		0.0	0.45	1.0	0.0	1.0	0.628	1.0	50.6	-20.8	-49.4	53.8	247	0.0	0.45	1.0
259	244	248	0.0	0.433	1.0	43.6	-9.5	-49.4	50.3	259		0.0	0.694	1.0	51.9	-23.6	-48.4	54.0	244		0.0	0.433	1.0	0.0	1.0	0.612	1.0	50.1	-19.9	-49.5	53.5	248	0.0	0.433	1.0
260	245	248	0.0	0.416	1.0	42.9	-8.6	-49.4	50.1	260		0.0	0.673	1.0	51.5	-22.7	-48.8	53.9	245		0.0	0.417	1.0	0.0	1.0	0.597	1.0	49.6	-19.0	-49.5	53.2	248	0.0	0.417	1.0
261	246	249	0.0	0.4	1.0	42.3	-7.7	-49.3	49.9	261		0.0	0.651	1.0	51.1	-21.8	-49.1	53.8	246		0.0	0.4	1.0	0.0	1.0	0.582	1.0	49.1	-18.1	-49.5	52.9	249	0.0	0.4	1.0
262	247	250	0.0	0.383	1.0	41.7	-6.8	-49.3	49.7	262		0.0	0.63	1.0	50.7	-20.9	-49.4	53.8	247		0.0	0.383	1.0	0.0	1.0	0.568	1.0	48.6	-17.2	-49.5	52.6	250	0.0	0.383	1.0
263	248	251	0.0	0.366	1.0	41.1	-5.7	-49.2	49.6	263		0.0	0.612	1.0	50.1	-19.9	-49.5	53.5	248		0.0	0.367	1.0	0.0	1.0	0.553	1.0	48.0	-16.3	-49.5	52.3	251	0.0	0.367	1.0
264	249	252	0.0	0.35	1.0	40.5	-4.6	-49.2	49.4	264		0.0	0.596	1.0	49.6	-18.9	-49.5	53.1	249		0.0	0.35	1.0	0.0	1.0	0.538	1.0	47.5	-15.5	-49.5	52.0	252	0.0	0.35	1.0
265																																			

QG090-72 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

Ausgabe: Laserdrucker-Ausgabe; Separation cmyn6*, D65, Seite 14/38

TUB-Prüfvorlage QG09; Bunttoncode: H_d=R25Y_d
48-stufige Farbkreise; *rgb-LabCh**-Tabellen

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

TUB-Registrierung: 20130201-QG09/QG09L0FP.PDF /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, Separation cmyk6* (CMYK)

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmantik/QG09/QG09.HTM>
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmantik>



Daten der Maximalfarbe M im Farbmimetrik-System Laserdrucker-Ausgabe; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben $RYGBM$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

Sechs Bunttonwinkel der Gerätefarben $RYGCBM_d$: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Sechs Bunttonwinkel der Elementarfarben $RYGCBM_c$: $h_{ab,c} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$														
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{ddx361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{ds361Mi}$			
272	255	258	0.0	0.25 1.0	36.8 2.2	-48.5 48.6	272	0.0	0.449 1.0	44.2	-10.4 -49.4 50.6	258	0.0	0.25 1.0
273	256	258	0.0	0.233 1.0	36.6 3.2	-48.3 48.4	273	0.0	0.435 1.0	43.7	-9.5 -49.4 50.4	258	0.0	0.233 1.0
274	257	259	0.0	0.216 1.0	36.4 4.1	-48.0 48.2	274	0.0	0.42 1.0	43.1	-8.7 -49.3 50.2	259	0.0	0.217 1.0
276	258	260	0.0	0.2 1.0	36.1 5.1	-47.8 48.1	276	0.0	0.405 1.0	42.6	-7.9 -49.3 50.0	260	0.0	0.2 1.0
277	259	261	0.0	0.183 1.0	35.9 6.1	-47.5 47.9	277	0.0	0.39 1.0	42.0	-7.1 -49.3 49.9	261	0.0	0.183 1.0
278	260	262	0.0	0.166 1.0	35.6 7.0	-47.2 47.7	278	0.0	0.376 1.0	41.4	-6.3 -49.2 49.7	262	0.0	0.167 1.0
279	261	263	0.0	0.15 1.0	35.4 8.0	-46.9 47.5	279	0.0	0.364 1.0	41.0	-5.5 -49.2 49.6	263	0.0	0.15 1.0
280	262	264	0.0	0.133 1.0	35.2 8.9	-46.5 47.4	280	0.0	0.353 1.0	40.6	-4.7 -49.2 49.5	264	0.0	0.133 1.0
282	263	265	0.0	0.116 1.0	34.9 9.9	-46.3 47.3	282	0.0	0.341 1.0	40.2	-3.9 -49.1 49.4	265	0.0	0.117 1.0
283	264	266	0.0	0.1 1.0	34.5 10.9	-46.1 47.4	283	0.0	0.33 1.0	39.8	-3.1 -49.1 49.3	266	0.0	0.1 1.0
284	265	267	0.0	0.083 1.0	34.2 11.9	-45.9 47.4	284	0.0	0.318 1.0	39.4	-2.3 -49.0 49.2	267	0.0	0.083 1.0
285	266	268	0.0	0.066 1.0	33.9 12.9	-45.7 47.5	285	0.0	0.307 1.0	39.0	-1.5 -49.0 49.1	268	0.0	0.067 1.0
287	267	269	0.0	0.049 1.0	33.5 13.9	-45.4 47.5	287	0.0	0.296 1.0	38.5	-0.8 -48.9 49.0	269	0.0	0.05 1.0
288	268	269	0.0	0.033 1.0	33.2 14.9	-45.2 47.6	288	0.0	0.284 1.0	38.1	0.0 -48.8 48.9	269	0.0	0.033 1.0
289	269	270	0.0	0.016 1.0	32.9 15.9	-44.9 47.6	289	0.0	0.273 1.0	37.7	0.7 -48.7 48.8	270	0.0	0.017 1.0
290	270	271	0.0	0.0 1.0	32.5 16.9	-44.6 47.7	290	0.0	0.261 1.0	37.3	1.5 -48.6 48.7	271	0.0	0.0 1.0
291	271	272	0.016 0.0	1.0	32.4 17.8	-44.3 47.8	291	0.0	0.249 1.0	36.9	2.3 -48.5 48.6	272	0.017 0.0	1.0
293	272	273	0.033 0.0	1.0	32.3 18.7	-44.0 47.9	293	0.0	0.236 1.0	36.7	3.1 -48.3 48.5	273	0.033 0.0	1.0
294	273	274	0.05 0.0	1.0	32.1 19.6	-43.7 47.9	294	0.0	0.222 1.0	36.5	3.9 -48.1 48.3	274	0.05 0.0	1.0
295	274	275	0.066 0.0	1.0	32.0 20.5	-43.4 48.0	295	0.0	0.209 1.0	36.3	4.6 -47.9 48.2	275	0.067 0.0	1.0
296	275	276	0.083 0.0	1.0	31.9 21.4	-43.1 48.1	296	0.0	0.196 1.0	36.1	5.4 -47.7 48.1	276	0.083 0.0	1.0
297	276	277	0.1 0.0	1.0	31.8 22.3	-42.7 48.2	297	0.0	0.182 1.0	35.9	6.2 -47.4 47.9	277	0.1 0.0	1.0
298	277	278	0.116 0.0	1.0	31.6 23.1	-42.4 48.3	298	0.0	0.169 1.0	35.7				

0-1031430-L0	QG090-72	LAB*la0, YN=0%, XYZznw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0
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TUB-Prüfvorlage QG09; Bunttoncode: H*d=R25Yd
48-stufige Farbkreise; *rgb-LabCh**-Tabellen

Eingabe: $rgb/cmyk \rightarrow rgb_{dd}$

Ausgabe: 3D-Linearisierung $cmyk^*_{dd}$

Ausgabe: Laserdrucker-Ausgabe; Separation cmyn6*, D65, Seite 15/38

TUB-Registrierung: 20130201-QG09/QG09LOFP.PDF /.PS TUB-Material: Code=rha4ta
+ Anwendung für Messung von Laserdrucker-Ausgabe, Separation cmyk6* (CMYK)

TUB-Material: Code=rha4ta

Daten der Maximalfarbe M im Farbmimetrik-System Laserdrucker-Ausgabe; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBM; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

Sechs Bunttonwinkel der Gerätefarben $RYGCBM_d$: $h_{ab,d}$ = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Sechs Bunttonwinkel der Elementarfarben $RYGCBM_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

r_{gb}^*	$n_{ab,s}$	$n_{ab,e}$	r_{gb}^*	$dd361M$	LAB^*	$ddx361Mi$ ($x=LabCh$)	r_{gb}^*	$ds361Mi$	LAB^*	$dsx361Mi$ ($x=LabCh$)	r_{gb}^*	$dd361Mi$	r_{gb}^*	$de361Mi$	LAB^*	$dex361Mi$ ($x=LabCh$)	r_{gb}^*	$dd361Mi$	r_{gb}^*	dd^*r_{gb}	ds^*r_{gb}	
324	300	300	0.5	0.0	1.0	37.2	43.1	-30.8	53.0	324	0.136	0.0	1.0	31.6	24.3	-41.9	48.5	300	0.5	0.0	1.0	
325	301	301	0.516	0.0	1.0	37.4	43.8	-30.4	53.4	325	0.151	0.0	1.0	31.5	25.1	-41.6	48.7	301	0.517	0.0	1.0	
326	302	302	0.533	0.0	1.0	37.7	44.5	-29.9	53.7	326	0.165	0.0	1.0	31.4	25.9	-41.3	48.9	302	0.533	0.0	1.0	
326	303	303	0.55	0.0	1.0	37.9	45.3	-29.5	54.0	326	0.18	0.0	1.0	31.4	26.7	-41.0	49.0	303	0.55	0.0	1.0	
327	304	303	0.566	0.0	1.0	38.2	46.0	-29.0	54.4	327	0.194	0.0	1.0	31.3	27.5	-40.7	49.2	304	0.567	0.0	1.0	
328	305	304	0.583	0.0	1.0	38.4	46.7	-28.5	54.7	328	0.209	0.0	1.0	31.2	28.3	-40.4	49.4	305	0.583	0.0	1.0	
329	306	305	0.6	0.0	1.0	38.7	47.4	-28.0	55.1	329	0.224	0.0	1.0	31.1	29.1	-40.0	49.5	306	0.6	0.0	1.0	
330	307	306	0.616	0.0	1.0	38.9	48.1	-27.5	55.4	330	0.238	0.0	1.0	31.1	29.9	-39.6	49.7	307	0.617	0.0	1.0	
331	308	307	0.633	0.0	1.0	39.2	48.9	-26.9	55.8	331	0.252	0.0	1.0	31.1	30.7	-39.2	49.9	308	0.633	0.0	1.0	
332	309	308	0.65	0.0	1.0	39.6	49.8	-26.2	56.3	332	0.265	0.0	1.0	31.4	31.5	-38.8	50.1	309	0.65	0.0	1.0	
333	310	309	0.666	0.0	1.0	40.0	50.7	-25.4	56.8	333	0.278	0.0	1.0	31.8	32.3	-38.4	50.3	310	0.667	0.0	1.0	
334	311	310	0.683	0.0	1.0	40.4	51.6	-24.7	57.2	334	0.291	0.0	1.0	32.1	33.1	-38.0	50.5	311	0.683	0.0	1.0	
335	312	311	0.7	0.0	1.0	40.7	52.5	-23.9	57.7	335	0.304	0.0	1.0	32.4	33.9	-37.6	50.7	312	0.7	0.0	1.0	
336	313	312	0.716	0.0	1.0	41.1	53.4	-23.1	58.2	336	0.317	0.0	1.0	32.8	34.7	-37.2	50.9	313	0.717	0.0	1.0	
337	314	313	0.733	0.0	1.0	41.5	54.3	-22.3	58.7	337	0.33	0.0	1.0	33.1	35.5	-36.7	51.1	314	0.733	0.0	1.0	
338	315	314	0.75	0.0	1.0	41.8	55.1	-21.4	59.1	338	0.343	0.0	1.0	33.4	36.3	-36.2	51.4	315	0.75	0.0	1.0	
339	316	315	0.766	0.0	1.0	42.4	55.8	-20.9	59.6	339	0.356	0.0	1.0	33.8	37.1	-35.7	51.6	316	0.767	0.0	1.0	
340	317	316	0.783	0.0	1.0	42.9	56.5	-20.4	60.1	340	0.368	0.0	1.0	34.1	37.9	-35.2	51.8	317	0.783	0.0	1.0	
340	318	317	0.8	0.0	1.0	43.4	57.2	-19.8	60.5	340	0.384	0.0	1.0	34.5	38.6	-34.7	52.0	318	0.8	0.0	1.0	
341	319	318	0.816	0.0	1.0	43.9	57.8	-19.3	61.0	341	0.402	0.0	1.0	34.9	39.3	-34.1	52.1	319	0.817	0.0	1.0	
342	320	319	0.833	0.0	1.0	44.4	58.5	-18.7	61.4	342	0.42	0.0	1.0	35.3	40.1	-33.5	52.3	320	0.833	0.0	1.0	
342	321	320	0.85	0.0	1.0	44.9	59.1	-18.2	61.9	342	0.438	0.0	1.0	35.8	40.8	-32.9	52.5	321	0.85	0.0	1.0	
343	322	321	0.866	0.0	1.0	45.4	59.8	-17.6	62.3	343	0.456	0.0	1.0	36.2	41.5	-32.3	52.7	322	0.867	0.0	1.0	
344	323	321	0.883	0.0	1.0	45.8	60.5	-17.0	62.8	344	0.474	0.0	1.0	36.6	42.2	-31.7	52.8	323	0.883	0.0	1.0	
344	324	322	0.9	0.0	1.0	46.1	61.2	-16.4	63.4	344	0.492	0.0	1.0	37.1	42.9	-31.1	53.0	324	0.9	0.0	1.0	
345	325	323	0.916	0.0	1.0	46.5	61.9	-15.9	63.9	345	0.512	0.0	1.0	37.4	43.7	-30.5	53.3	325	0.917	0.0	1.0	
346	326	324	0.933	0.0	1.0	46.8	62.6	-15.3	64.5	346	0.532	0.0	1.0	37.7	44.5	-29.9	53.7	326	0.933	0.0	1.0	
346	327	325	0.95	0.0	1.0	47.1	63.3	-14.6	65.0	346	0.552	0.0	1.0	38.0	45.4	-29.4	54.1	327	0.95	0.0	1.0	
347	328	326	0.966	0.0	1.0	47.5	64.0	-14.0	65.5	347	0.572	0.0	1.0	38.3	46.2	-28.8	54.5	328	0.967	0.0	1.0	
348	329	327	0.983	0.0	1.0	47.8	64.7	-13.4	66.1	348	0.592	0.0	1.0	38.6	47.1	-28.2	54.9	329	0.983	0.0	1.0	
348	330	328	1.0	0.0	1.0	48.1	65.4	-12.7	66.6	348	M_d 0.612	0.0	1.0	38.9	47.9	-27.6	55.4	330	M_s 1.0	0.0	1.0	
349	331	329	1.0	0.0	0.983	48.3	65.5	-12.5	66.7	349	0.631	0.0	1.0	39.2	48.8	-26.9	55.8	331	1.0	0.0	0.983	
349	332	330	1.0	0.0	0.966	48.5	65.6	-12.2	66.7	349	0.646	0.0	1.0	39.6	49.6	-26.3	56.2	332	1.0	0.0	0.967	
349	333	331	1.0	0.0	0.95	48.7	65.7	-11.9	66.8	349	0.662	0.0	1.0	39.9	50.5	-25.6	56.7	333	1.0	0.0	0.95	
349	334	332	1.0	0.0	0.933	48.9	65.8	-11.7	66.8	349	0.677	0.0	1.0	40.3	51.3	-24.9	57.1	334	1.0	0.0	0.933	
350	335	333	1.0	0.0	0.916	49.0	65.9	-11.4	66.9	350	0.692	0.0	1.0	40.6	52.1	-24.2	57.5	335	1.0	0.0	0.917	
350	336	334	1.0	0.0	0.9	49.2	66.0	-11.1	66.9	350	0.708	0.0	1.0	41.0	53.0	-23.5	58.0	336	1.0	0.0	0.9	
350	337	335	1.0	0.0	0.883	49.4	66.1	-10.9	67.0	350	0.723	0.0	1.0	41.3	53.8	-22.7	58.4	337	1.0	0.0	0.883	
350	338	336	1.0	0.0	0.866	49.5	66.0	-10.4	66.9	350	0.738	0.0	1.0	41.6	54.6	-22.0	58.9	338	1.0	0.0	0.867	
351	339	337	1.0	0.0	0.85	49.4	65.8	-9.9	66.6	351	0.756	0.0	1.0	42.1	55.4	-21.2	59.4	339	1.0	0.0	0.85	
351	340	338	1.0	0.0	0.833	49.4	65.6	-9.3	66.3	351	0.78	0.0	1.0	42.8	56.4	-20.4	60.0	340	1.0	0.0	0.833	
352	341	339	1.0	0.0	0.816	49.4	65.4	-8.7	66.0	352	0.804	0.0	1.0	43.5	57.4	-19.7	60.7	341	1.0	0.0	0.817	
352	342	339	1.0	0.0	0.8	49.4	65.2	-8.2	65.7	352	0.828	0.0	1.0	44.3	58.3	-18.9	61.3	342	1.0	0.0	0.8	
353	343	340	1.0	0.0	0.783	49.3	65.0	-7.6	65.4	353	0.852	0.0	1.0	45.0	59.3	-18.0	62.0	343	1.0	0.0	0.783	
353	344	341	1.0	0.0	0.766	49.3	64.7	-7.1	65.1	353	0.877	0.0	1.0	45.7	60.2	-17.2	62.7	344	1.0	0.0	0.767	
354	345	342	1.0	0.0	0.75	49.3	64.5	-6.5	64.8	354	0.902	0.0	1.0	46.2	61.3	-16.3	63.5	345	1.0	0.0	0.75	

0-1031530-L0	QG090-72	LAB*la0, YN=0%, XYZznw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0
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Ausgabe: Laserdrucker-Ausgabe; Separation cmyn6*, D65, Seite 16/38

TUB-Prüfvorlage QG09; Bunttoncode: H*d=R25Yd
48-stufige Farbkreise; *rgb-LabCh**-Tabellen

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

TUB-Registrierung: 20130201-QG09/QG09LOFP.PDF /.PS TUB-Material: Code=rha4ta
+ Anwendung für Messung von Laserdrucker-Ausgabe, Separation cmyk6* (CMYK)

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker-Ausgabe; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBM _s : $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;																	Sechs Bunttonwinkel der Gerätefarben RYGBM _d : $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Sechs Bunttonwinkel der Elementarfarben RYGBM _e : $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{ddx361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	rgb^*_{ds}	rgb^*_{de}	rgb^*_{ds}	rgb^*_{de}	rgb^*_{ds}																	
354	345	342	1.0	0.0	0.75	49.3	64.5	-6.5	64.8	354	0.902	0.0	1.0	46.2	61.3	-16.3	63.5	345	1.0	0.0	0.75	0.848	0.0	1.0	44.9	59.1	-18.2	61.9	342	1.0	0.0	0.75	
355	346	343	1.0	0.0	0.733	49.1	64.2	-5.3	64.4	355	0.926	0.0	1.0	46.7	62.4	-15.5	64.3	346	1.0	0.0	0.733	0.871	0.0	1.0	45.6	60.0	-17.4	62.5	343	1.0	0.0	0.733	
356	347	344	1.0	0.0	0.716	48.9	63.9	-4.1	64.0	356	0.951	0.0	1.0	47.2	63.4	-14.5	65.1	347	1.0	0.0	0.717	0.895	0.0	1.0	46.1	61.0	-16.6	63.2	344	1.0	0.0	0.717	
357	348	345	1.0	0.0	0.7	48.7	63.5	-2.9	63.6	357	0.976	0.0	1.0	47.7	64.5	-13.6	65.9	348	1.0	0.0	0.7	0.918	0.0	1.0	46.5	62.0	-15.7	64.0	345	1.0	0.0	0.7	
358	349	346	1.0	0.0	0.683	48.6	63.2	-1.8	63.2	358	1.0	0.0	0.996	48.2	65.4	-12.6	66.7	349	1.0	0.0	0.683	0.942	0.0	1.0	47.0	63.0	-14.9	64.8	346	1.0	0.0	0.683	
359	350	347	1.0	0.0	0.666	48.4	62.8	-0.6	62.8	359	1.0	0.0	0.927	49.0	65.9	-11.5	66.9	350	1.0	0.0	0.667	0.966	0.0	1.0	47.5	64.0	-14.0	65.5	347	1.0	0.0	0.667	
360	351	348	1.0	0.0	0.65	48.2	62.4	0.4	62.4	360	1.0	0.0	0.866	49.5	66.1	-10.4	66.9	351	1.0	0.0	0.65	0.989	0.0	1.0	48.0	65.0	-13.1	66.3	348	1.0	0.0	0.65	
361	352	349	1.0	0.0	0.633	48.0	62.0	1.5	62.0	361	1.0	0.0	0.83	49.5	65.6	-9.1	66.3	352	1.0	0.0	0.633	1.0	0.0	0.964	48.6	65.6	-12.1	66.8	349	1.0	0.0	0.633	
362	353	350	1.0	0.0	0.616	47.9	61.6	2.7	61.7	362	1.0	0.0	0.794	49.4	65.2	-7.9	65.6	353	1.0	0.0	0.617	1.0	0.0	0.899	49.3	66.0	-11.1	67.0	350	1.0	0.0	0.617	
363	354	351	1.0	0.0	0.6	47.9	61.3	3.8	61.4	363	1.0	0.0	0.757	49.3	64.7	-6.7	65.0	354	1.0	0.0	0.6	1.0	0.0	0.853	49.5	65.9	-9.9	66.7	351	1.0	0.0	0.6	
364	355	352	1.0	0.0	0.583	47.9	60.9	4.9	61.1	364	1.0	0.0	0.737	49.2	64.3	-5.5	64.6	355	1.0	0.0	0.583	1.0	0.0	0.819	49.4	65.5	-8.7	66.1	352	1.0	0.0	0.583	
365	356	353	1.0	0.0	0.566	47.9	60.6	6.0	60.9	365	1.0	0.0	0.721	49.0	64.0	-4.4	64.2	356	1.0	0.0	0.567	1.0	0.0	0.785	49.4	65.0	-7.6	65.5	353	1.0	0.0	0.567	
366	357	354	1.0	0.0	0.55	47.8	60.2	7.1	60.6	366	1.0	0.0	0.705	48.9	63.7	-3.2	63.8	357	1.0	0.0	0.55	1.0	0.0	0.75	49.3	64.6	-6.5	64.9	354	1.0	0.0	0.55	
367	358	355	1.0	0.0	0.533	47.8	59.8	8.2	60.4	367	1.0	0.0	0.689	48.7	63.4	-2.1	63.4	358	1.0	0.0	0.533	1.0	0.0	0.735	49.2	64.3	-5.4	64.5	355	1.0	0.0	0.533	
368	359	356	1.0	0.0	0.516	47.8	59.4	9.3	60.1	368	1.0	0.0	0.673	48.5	63.0	-1.0	63.0	359	1.0	0.0	0.517	1.0	0.0	0.72	49.0	64.0	-4.3	64.1	356	1.0	0.0	0.517	
370	360	352	1.0	0.0	0.5	47.8	58.9	10.4	59.9	370	1.0	0.0	0.657	48.3	62.6	0.0	62.6	360	1.0	0.0	0.5	1.0	0.0	0.828	49.5	65.6	-9.0	66.2	352	1.0	0.0	0.5	
371	361	353	1.0	0.0	0.483	47.7	58.7	11.6	59.9	371	1.0	0.0	0.641	48.2	62.2	1.1	62.2	361	1.0	0.0	0.483	1.0	0.0	0.787	49.4	65.1	-7.7	65.5	353	1.0	0.0	0.483	
372	362	354	1.0	0.0	0.466	47.7	58.5	12.8	59.9	372	1.0	0.0	0.625	48.0	61.8	2.2	61.8	362	1.0	0.0	0.467	1.0	0.0	0.749	49.3	64.5	-6.4	64.8	354	1.0	0.0	0.467	
373	363	355	1.0	0.0	0.45	47.6	58.3	14.0	59.9	373	1.0	0.0	0.609	48.0	61.5	3.2	61.6	363	1.0	0.0	0.45	1.0	0.0	0.731	49.1	64.2	-5.1	64.4	355	1.0	0.0	0.45	
374	364	356	1.0	0.0	0.433	47.5	58.0	15.2	60.0	374	1.0	0.0	0.594	48.0	61.2	4.3	61.4	364	1.0	0.0	0.433	1.0	0.0	0.713	48.9	63.9	-3.8	64.0	356	1.0	0.0	0.433	
375	365	357	1.0	0.0	0.416	47.5	57.7	16.5	60.0	375	1.0	0.0	0.578	47.9	60.9	5.3	61.1	365	1.0	0.0	0.417	1.0	0.0	0.695	48.7	63.5	-2.5	63.5	357	1.0	0.0	0.417	
377	366	358	1.0	0.0	0.4	47.4	57.3	17.7	60.0	377	1.0	0.0	0.562	47.9	60.5	6.4	60.9	366	1.0	0.0	0.4	1.0	0.0	0.677	48.6	63.1	-1.3	63.1	358	1.0	0.0	0.4	
378	367	359	1.0	0.0	0.383	47.4	57.0	18.9	60.0	378	1.0	0.0	0.547	47.9	60.2	7.4	60.6	367	1.0	0.0	0.383	1.0	0.0	0.659	48.4	62.7	-0.1	62.7	359	1.0	0.0	0.383	
379	368	360	1.0	0.0	0.366	47.4	56.8	20.0	60.2	379	1.0	0.0	0.531	47.9	59.8	8.4	60.4	368	1.0	0.0	0.367	1.0	0.0	0.641	48.2	62.2	1.1	62.2	360	1.0	0.0	0.367	
380	369	362	1.0	0.0	0.35	47.4	56.7	21.1	60.5	380	1.0	0.0	0.516	47.8	59.4	9.4	60.2	369	1.0	0.0	0.35	1.0	0.0	0.624	48.0	61.8	2.3	61.8	362	1.0	0.0	0.35	
381	370	363	1.0	0.0	0.333	47.4	56.6	22.1	60.8	381	1.0	0.0	0.5	47.8	59.0	10.4	59.9	370	1.0	0.0	0.333	1.0	0.0	0.606	48.0	61.5	3.4	61.5	363	1.0	0.0	0.333	
382	371	364	1.0	0.0	0.316	47.4	56.5	23.2	61.1	382	1.0	0.0	0.486	47.8	58.8	11.4	59.9	371	1.0	0.0	0.317	1.0	0.0	0.589	47.9	61.1	4.6	61.3	364	1.0	0.0	0.317	
383	372	365	1.0	0.0	0.3	47.5	56.4	24.3	61.4	383	1.0	0.0	0.472	47.7	58.6	12.5	60.0	372	1.0	0.0	0.3	1.0	0.0	0.571	47.9	60.7	5.8	61.0	365	1.0	0.0	0.3	
384	373	366	1.0	0.0	0.283	47.5	56.2	25.4	61.7	384	1.0	0.0	0.458	47.7	58.4	13.5	60.0	373	1.0	0.0	0.283	1.0	0.0	0.554	47.9	60.3	6.9	60.7	366	1.0	0.0	0.283	
385	374	367	1.0	0.0	0.266	47.5	56.1	26.5	62.0	385	1.0	0.0	0.444	47.6	58.2	14.5	60.0	374	1.0	0.0	0.267	1.0	0.0	0.537	47.9	59.9	8.1	60.5	367	1.0	0.0	0.267	
386	375	368	1.0	0.0	0.25	47.5	55.9	27.5	62.3	386	1.0	0.0	0.43	47.6	58.0	15.5	60.0	375	1.0	0.0	0.25	1.0	0.0	0.519	47.8	59.5	9.2	60.2	368	1.0	0.0	0.25	
386	376	369	1.0	0.0	0.233	47.5	56.0	28.4	62.8	386	1.0	0.0	0.416	47.5	57.7	16.5	60.0	376	1.0	0.0	0.233	1.0	0.0	0.502	47.8	59.1	10.3	59.9	369	1.0	0.0	0.233	
387	377	370	1.0	0.0	0.216	47.6	56.1	29.3	63.3	387	1.0	0.0	0.402	47.5	57.4	17.6	60.1	377	1.0	0.0	0.217	1.0	0.0	0.486	47.8	58.8	11.4	59.9	370	1.0	0.0	0.217	
388	378	372	1.0	0.0	0.2	47.6	56.1	30.2	63.8	388	1.0	0.0	0.388	47.5	57.1	18.6	60.1	378	1.0	0.0	0.2	1.0	0.0	0.471	47.7	58.6	12.6	60.0	372	1.0	0.0	0.2	
388	379	373	1.0	0.0	0.183	47.6	56.2	31.1	64.2	388	1.0	0.0	0.374	47.4	56.8	19.6	60.1	379	1.0	0.0	0.183	1.0	0.0	0.455	47.7	58.4	13.7	60.0	373	1.0	0.0	0.183	
389	380	374	1.0	0.0	0.166	47.6	56.3	32.0	64.7	389	1.0	0.0	0.357	47.4	56.8	20.7	60.4	380	1.0	0.0	0.167	1.0	0.0	0.439	47.6	58.1	14.9	60.0	374	1.0	0.0	0.167	
390	381	375	1.0	0.0	0.15	47.6	56.3	32.9	65.2	390	1.0	0.0	0.34	47.5	56.7	21.8	60.7	381	1.0	0.0	0.15	1.0	0.0	0.424	47.6	57.9	16.0	60.0	375	1.0	0.0	0.15	
390	382	376	1.0	0.0	0.133	47.6	56.3	33.8	65.7	390	1.0	0.0	0.323	47.5	56.6	22.9	61.0	382	1.0	0.0	0.133	1.0	0.0	0.408	47.5	57.6	17.1	60.0	376	1.0	0.0	0.133	
391	383	377	1.0	0.0	0.116	47.6	56.4	34.5	66.1	391	1.0	0.0	0.306	47.5	56.5	24.0	61.4	383	1.0	0.0	0.117	1.0	0.0	0.393	47.5	57.2	18.2	60.1	377	1.0	0.0	0.117	
391	384	378	1.0	0.0	0.1	47.6	56.5	34.9	66.5	391	1.0	0.0	0.289	47.5	56.3	25.1	61.7	384	1.0	0.0	0.1	1.0	0.0	0.377	47.4	56.9	19.4	60.1	378	1.0	0.0	0.1	
392	385	379	1.0	0.0	0.083	47.6	56.6	35.4	66.8	392	1.0	0.0	0.272	47.6	56.2	26.2	62.0	385	1.0	0.0	0.083	1.0	0.0	0.358	47.4	56.8	20.6	60.4	379	1.0	0.0	0.083	
392	386	381	1.0	0.0	0.066																												

0-1031630-L0 QG090-72 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

TUB-Prüfvorlage QG09; Bunttoncode: H*d=R25Yd
48-stufige Farbkreise; $rgb-LabCh^*$ -Tabellen

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

Ausgabe: Laserdrucker-Ausgabe; Separation cmyn6*, D65, Seite 17/33

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmatrik/QG09/QG09.HTM>
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmatrik>

Eingabe: *rgb/cmyk* → *rgb_{dd}*
Ausgabe: 3D-Linearisierung *cmyk^{*}_{dd}*

TUB-Prüfvorlage QG09; Bunttoncode: H*d=R25Yd

A vertical color calibration bar with five rectangular patches of increasing darkness from top to bottom, and a registration mark consisting of concentric circles and a crosshair at the bottom.

[illegible]

n	H*Ch*Fid	rgb_Fid	lch_Fid	hsa_Fid	rgb_Fid	LabCh*Fid	cmyk*_sep_Fid	rgb*_Fid	hsa*_Fid	LabCh*_Fid	delta											
324	R0Y0_050_050ad	0.5	0.5	0.5	0.5	35.7	28.6	18.9	34.3	33.4	0.0	0.803	0.705	0.52	0.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
325	R0Y0_050_050ad	0.5	0.0	0.125	0.5	37.0	28.6	18.9	34.3	26.9	0.0	0.802	0.601	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	26.9
326	R0Y0_050_050ad	0.5	0.0	0.25	0.5	38.3	28.6	18.9	34.3	24.2	0.0	0.802	0.500	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	24.2
327	R0Y0_050_050ad	0.5	0.0	0.375	0.5	39.6	28.6	18.9	34.3	22.1	0.0	0.802	0.400	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	22.1
328	R0Y0_050_050ad	0.5	0.0	0.5	0.5	40.9	28.6	18.9	34.3	20.0	0.0	0.802	0.300	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	20.0
329	R0Y0_050_050ad	0.5	0.0	0.625	0.5	42.2	28.6	18.9	34.3	17.9	0.0	0.802	0.200	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	17.9
330	R0Y0_050_050ad	0.5	0.0	0.75	0.5	43.5	28.6	18.9	34.3	15.8	0.0	0.802	0.100	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	15.8
331	R0Y0_050_050ad	0.5	0.0	0.875	0.5	44.8	28.6	18.9	34.3	13.7	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	13.7
332	R0Y0_050_050ad	0.5	0.0	1.0	0.5	46.1	28.6	18.9	34.3	11.6	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	11.6
333	R0Y0_050_050ad	0.5	0.125	0.5	0.5	47.4	28.6	18.9	34.3	9.5	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	9.5
334	R0Y0_050_050ad	0.5	0.125	0.5	0.5	48.7	28.6	18.9	34.3	7.4	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	7.4
335	R0Y0_050_050ad	0.5	0.125	0.5	0.5	50.0	28.6	18.9	34.3	5.3	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	5.3
336	R0Y0_050_050ad	0.5	0.125	0.5	0.5	51.3	28.6	18.9	34.3	3.2	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	3.2
337	R0Y0_050_050ad	0.5	0.125	0.5	0.5	52.6	28.6	18.9	34.3	1.1	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	1.1
338	R0Y0_050_050ad	0.5	0.125	0.5	0.5	53.9	28.6	18.9	34.3	-1.0	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-1.0
339	R0Y0_050_050ad	0.5	0.125	0.5	0.5	55.2	28.6	18.9	34.3	-3.1	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-3.1
340	R0Y0_050_050ad	0.5	0.125	0.5	0.5	56.5	28.6	18.9	34.3	-5.2	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-5.2
341	R0Y0_050_050ad	0.5	0.125	0.5	0.5	57.8	28.6	18.9	34.3	-7.3	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-7.3
342	R0Y0_050_050ad	0.5	0.125	0.5	0.5	59.1	28.6	18.9	34.3	-9.4	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-9.4
343	R0Y0_050_050ad	0.5	0.125	0.5	0.5	60.4	28.6	18.9	34.3	-11.5	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-11.5
344	R0Y0_050_050ad	0.5	0.125	0.5	0.5	61.7	28.6	18.9	34.3	-13.6	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-13.6
345	R0Y0_050_050ad	0.5	0.125	0.5	0.5	63.0	28.6	18.9	34.3	-15.7	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-15.7
346	R0Y0_050_050ad	0.5	0.125	0.5	0.5	64.3	28.6	18.9	34.3	-17.8	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-17.8
347	R0Y0_050_050ad	0.5	0.125	0.5	0.5	65.6	28.6	18.9	34.3	-19.9	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-19.9
348	R0Y0_050_050ad	0.5	0.125	0.5	0.5	66.9	28.6	18.9	34.3	-22.0	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-22.0
349	R0Y0_050_050ad	0.5	0.125	0.5	0.5	68.2	28.6	18.9	34.3	-24.1	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-24.1
350	R0Y0_050_050ad	0.5	0.125	0.5	0.5	69.5	28.6	18.9	34.3	-26.2	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-26.2
351	R0Y0_050_050ad	0.5	0.125	0.5	0.5	70.8	28.6	18.9	34.3	-28.3	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-28.3
352	R0Y0_050_050ad	0.5	0.125	0.5	0.5	72.1	28.6	18.9	34.3	-30.4	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-30.4
353	R0Y0_050_050ad	0.5	0.125	0.5	0.5	73.4	28.6	18.9	34.3	-32.5	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-32.5
354	R0Y0_050_050ad	0.5	0.125	0.5	0.5	74.7	28.6	18.9	34.3	-34.6	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-34.6
355	R0Y0_050_050ad	0.5	0.125	0.5	0.5	76.0	28.6	18.9	34.3	-36.7	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-36.7
356	R0Y0_050_050ad	0.5	0.125	0.5	0.5	77.3	28.6	18.9	34.3	-38.8	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-38.8
357	R0Y0_050_050ad	0.5	0.125	0.5	0.5	78.6	28.6	18.9	34.3	-40.9	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-40.9
358	R0Y0_050_050ad	0.5	0.125	0.5	0.5	80.0	28.6	18.9	34.3	-43.0	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-43.0
359	R0Y0_050_050ad	0.5	0.125	0.5	0.5	81.3	28.6	18.9	34.3	-45.1	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-45.1
360	R0Y0_050_050ad	0.5	0.125	0.5	0.5	82.6	28.6	18.9	34.3	-47.2	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-47.2
361	R0Y0_050_050ad	0.5	0.125	0.5	0.5	83.9	28.6	18.9	34.3	-49.3	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-49.3
362	R0Y0_050_050ad	0.5	0.125	0.5	0.5	85.2	28.6	18.9	34.3	-51.4	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-51.4
363	R0Y0_050_050ad	0.5	0.125	0.5	0.5	86.5	28.6	18.9	34.3	-53.5	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-53.5
364	R0Y0_050_050ad	0.5	0.125	0.5	0.5	87.8	28.6	18.9	34.3	-55.6	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-55.6
365	R0Y0_050_050ad	0.5	0.125	0.5	0.5	89.1	28.6	18.9	34.3	-57.7	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-57.7
366	R0Y0_050_050ad	0.5	0.125	0.5	0.5	90.4	28.6	18.9	34.3	-59.8	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-59.8
367	R0Y0_050_050ad	0.5	0.125	0.5	0.5	91.7	28.6	18.9	34.3	-61.9	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-61.9
368	R0Y0_050_050ad	0.5	0.125	0.5	0.5	93.0	28.6	18.9	34.3	-64.0	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-64.0
369	R0Y0_050_050ad	0.5	0.125	0.5	0.5	94.3	28.6	18.9	34.3	-66.1	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-66.1
370	R0Y0_050_050ad	0.5	0.125	0.5	0.5	95.6	28.6	18.9	34.3	-68.2	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-68.2
371	R0Y0_050_050ad	0.5	0.125	0.5	0.5	96.9	28.6	18.9	34.3	-70.3	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-70.3
372	R0Y0_050_050ad	0.5	0.125	0.5	0.5	98.2	28.6	18.9	34.3	-72.4	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-72.4
373	R0Y0_050_050ad	0.5	0.125	0.5	0.5	99.5	28.6	18.9	34.3	-74.5	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-74.5
374	R0Y0_050_050ad	0.5	0.125	0.5	0.5	100.8	28.6	18.9	34.3	-76.6	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-76.6
375	R0Y0_050_050ad	0.5	0.125	0.5	0.5	102.1	28.6	18.9	34.3	-78.7	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-78.7
376	R0Y0_050_050ad	0.5	0.125	0.5	0.5	103.4	28.6	18.9	34.3	-80.8	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-80.8
377	R0Y0_050_050ad	0.5	0.125	0.5	0.5	104.7	28.6	18.9	34.3	-82.9	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-82.9
378	R0Y0_050_050ad	0.5	0.125	0.5	0.5	106.0	28.6	18.9	34.3	-85.0	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-85.0
379	R0Y0_050_050ad	0.5	0.125	0.5	0.5	107.3	28.6	18.9	34.3	-87.1	0.0	0.802	0.000	0.54	0.0	0.0	0.0	47.5	57.2	37.8	68.6	-87.1
380	R0Y0_050_050ad	0.5	0.125	0.5	0.5	108.6	28.6															

n	H1C*Fid	rgb_Fid	lch_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	cmyk*_sep_Fid	cmyn*_sep_Fid	delta	rgb*_Mid	hsa*_Mid	LabCh*_Mid							
405	R00Y_062_062Ad	0.625 0.0	0.625 0.625 0.312	390	0.625 0.0	38.6	35.7	23.6	42.8	33.4	0.0	0.858	0.748	0.394	0.475	57.2	37.8	68.6	33.4
406	R01Y_062_062Ad	0.625 0.0	0.625 0.625 0.312	390	0.625 0.0	38.7	35.7	19.4	40.1	28.9	0.0	0.848	0.661	0.405	0.0	0.183	47.6	56.2	64.2
407	R02Y_062_062Ad	0.625 0.0	0.625 0.625 0.312	390	0.625 0.0	38.8	35.7	15.2	37.5	25.5	0.0	0.838	0.574	0.413	0.0	0.016	47.9	61.0	60.0
408	R03Y_062_062Ad	0.625 0.0	0.625 0.625 0.312	390	0.625 0.0	38.9	35.6	11.0	34.5	31.5	0.0	0.828	0.481	0.413	0.0	0.016	47.9	61.0	60.0
409	B59R_062_062Ad	0.625 0.0	0.625 0.625 0.312	390	0.625 0.0	39.0	35.6	7.8	31.5	37.5	0.0	0.818	0.389	0.413	0.0	0.016	47.9	61.0	60.0
410	B59R_062_062Ad	0.625 0.0	0.625 0.625 0.312	390	0.625 0.0	39.1	35.6	4.6	28.5	43.5	0.0	0.808	0.297	0.413	0.0	0.016	47.9	61.0	60.0
411	B42R_075_075Ad	0.625 0.0	0.625 0.625 0.312	390	0.625 0.0	39.2	35.6	1.4	25.5	49.5	0.0	0.798	0.205	0.413	0.0	0.016	47.9	61.0	60.0
412	B36R_087_087Ad	0.625 0.0	0.625 0.625 0.312	390	0.625 0.0	39.3	35.6	0.2	22.5	55.5	0.0	0.788	0.113	0.413	0.0	0.016	47.9	61.0	60.0
413	B31R_100_100Ad	0.625 0.0	0.625 0.625 0.312	390	0.625 0.0	39.4	35.6	0.0	19.5	61.5	0.0	0.778	0.021	0.413	0.0	0.016	47.9	61.0	60.0
414	R10Y_062_062Ad	0.625 0.125	0.625 0.625 0.312	390	0.625 0.125	40.0	35.6	0.0	16.5	67.5	0.0	0.768	0.029	0.413	0.0	0.016	47.9	61.0	60.0
415	R00Y_062_062Ad	0.625 0.125	0.625 0.625 0.312	390	0.625 0.125	40.1	35.6	0.0	13.5	73.5	0.0	0.758	0.037	0.413	0.0	0.016	47.9	61.0	60.0
416	R26Y_062_050Ad	0.625 0.125	0.625 0.625 0.312	390	0.625 0.125	40.2	35.6	0.0	10.5	79.5	0.0	0.748	0.045	0.413	0.0	0.016	47.9	61.0	60.0
417	R00Y_062_050Ad	0.625 0.125	0.625 0.625 0.312	390	0.625 0.125	40.3	35.6	0.0	7.5	85.5	0.0	0.738	0.053	0.413	0.0	0.016	47.9	61.0	60.0
418	B61R_062_050Ad	0.625 0.125	0.625 0.625 0.312	390	0.625 0.125	40.4	35.6	0.0	4.5	91.5	0.0	0.728	0.061	0.413	0.0	0.016	47.9	61.0	60.0
419	B59R_062_050Ad	0.625 0.125	0.625 0.625 0.312	390	0.625 0.125	40.5	35.6	0.0	1.5	97.5	0.0	0.718	0.069	0.413	0.0	0.016	47.9	61.0	60.0
420	B40R_075_062Ad	0.625 0.125	0.625 0.625 0.312	390	0.625 0.125	40.6	35.6	0.0	0.0	103.5	0.0	0.708	0.077	0.413	0.0	0.016	47.9	61.0	60.0
421	B34R_087_075Ad	0.625 0.125	0.625 0.625 0.312	390	0.625 0.125	40.7	35.6	0.0	0.0	109.5	0.0	0.698	0.085	0.413	0.0	0.016	47.9	61.0	60.0
422	B28R_100_087Ad	0.625 0.125	0.625 0.625 0.312	390	0.625 0.125	40.8	35.6	0.0	0.0	115.5	0.0	0.688	0.093	0.413	0.0	0.016	47.9	61.0	60.0
423	R23Y_062_050Ad	0.625 0.25	0.625 0.625 0.312	390	0.625 0.25	40.9	35.6	0.0	0.0	121.5	0.0	0.678	0.101	0.413	0.0	0.016	47.9	61.0	60.0
424	R00Y_062_050Ad	0.625 0.25	0.625 0.625 0.312	390	0.625 0.25	41.0	35.6	0.0	0.0	127.5	0.0	0.668	0.109	0.413	0.0	0.016	47.9	61.0	60.0
425	R18Y_062_037Ad	0.625 0.25	0.625 0.625 0.312	390	0.625 0.25	41.1	35.6	0.0	0.0	133.5	0.0	0.658	0.117	0.413	0.0	0.016	47.9	61.0	60.0
426	R00Y_062_037Ad	0.625 0.25	0.625 0.625 0.312	390	0.625 0.25	41.2	35.6	0.0	0.0	139.5	0.0	0.648	0.125	0.413	0.0	0.016	47.9	61.0	60.0
427	B60R_062_037Ad	0.625 0.25	0.625 0.625 0.312	390	0.625 0.25	41.3	35.6	0.0	0.0	145.5	0.0	0.638	0.133	0.413	0.0	0.016	47.9	61.0	60.0
428	B59R_062_037Ad	0.625 0.25	0.625 0.625 0.312	390	0.625 0.25	41.4	35.6	0.0	0.0	151.5	0.0	0.628	0.141	0.413	0.0	0.016	47.9	61.0	60.0
429	B36R_075_037Ad	0.625 0.25	0.625 0.625 0.312	390	0.625 0.25	41.5	35.6	0.0	0.0	157.5	0.0	0.618	0.149	0.413	0.0	0.016	47.9	61.0	60.0
430	B31R_100_037Ad	0.625 0.25	0.625 0.625 0.312	390	0.625 0.25	41.6	35.6	0.0	0.0	163.5	0.0	0.608	0.157	0.413	0.0	0.016	47.9	61.0	60.0
431	B26Y_062_025Ad	0.625 0.25	0.625 0.625 0.312	390	0.625 0.25	41.7	35.6	0.0	0.0	169.5	0.0	0.598	0.165	0.413	0.0	0.016	47.9	61.0	60.0
432	B59R_062_025Ad	0.625 0.25	0.625 0.625 0.312	390	0.625 0.25	41.8	35.6	0.0	0.0	175.5	0.0	0.588	0.173	0.413	0.0	0.016	47.9	61.0	60.0
433	B50Y_062_050Ad	0.625 0.375	0.625 0.625 0.312	390	0.625 0.375	41.9	35.6	0.0	0.0	181.5	0.0	0.578	0.181	0.413	0.0	0.016	47.9	61.0	60.0
434	R00Y_062_037Ad	0.625 0.375	0.625 0.625 0.312	390	0.625 0.375	42.0	35.6	0.0	0.0	187.5	0.0	0.568	0.189	0.413	0.0	0.016	47.9	61.0	60.0
435	R00Y_062_025Ad	0.625 0.375	0.625 0.625 0.312	390	0.625 0.375	42.1	35.6	0.0	0.0	193.5	0.0	0.558	0.197	0.413	0.0	0.016	47.9	61.0	60.0
436	B59R_062_025Ad	0.625 0.375	0.625 0.625 0.312	390	0.625 0.375	42.2	35.6	0.0	0.0	199.5	0.0	0.548	0.205	0.413	0.0	0.016	47.9	61.0	60.0
437	B59R_062_025Ad	0.625 0.375	0.625 0.625 0.312	390	0.625 0.375	42.3	35.6	0.0	0.0	205.5	0.0	0.538	0.213	0.413	0.0	0.016	47.9	61.0	60.0
438	B34R_075_037Ad	0.625 0.375	0.625 0.625 0.312	390	0.625 0.375	42.4	35.6	0.0	0.0	211.5	0.0	0.528	0.221	0.413	0.0	0.016	47.9	61.0	60.0
439	B28R_100_037Ad	0.625 0.375	0.625 0.625 0.312	390	0.625 0.375	42.5	35.6	0.0	0.0	217.5	0.0	0.518	0.229	0.413	0.0	0.016	47.9	61.0	60.0
440	B19R_100_062Ad	0.625 0.5	0.625 0.625 0.312	390	0.625 0.5	42.6	35.6	0.0	0.0	223.5	0.0	0.508	0.237	0.413	0.0	0.016	47.9	61.0	60.0
441	R81Y_062_062Ad	0.625 0.5	0.625 0.625 0.312	390	0.625 0.5	42.7	35.6	0.0	0.0	229.5	0.0	0.498	0.245	0.413	0.0	0.016	47.9	61.0	60.0
442	R6Y_062_050Ad	0.625 0.5	0.625 0.625 0.312	390	0.625 0.5	42.8	35.6	0.0	0.0	235.5	0.0	0.488	0.253	0.413	0.0	0.016	47.9	61.0	60.0
443	R6Y_062_037Ad	0.625 0.5	0.625 0.625 0.312	390	0.625 0.5	42.9	35.6	0.0	0.0	241.5	0.0	0.478	0.261	0.413	0.0	0.016	47.9	61.0	60.0
444	R00Y_062_025Ad	0.625 0.5	0.625 0.625 0.312	390	0.625 0.5	43.0	35.6	0.0	0.0	247.5	0.0	0.468	0.269	0.413	0.0	0.016	47.9	61.0	60.0
445	R00Y_062_012Ad	0.625 0.5	0.625 0.625 0.312	390	0.625 0.5	43.1	35.6	0.0	0.0	253.5	0.0	0.458	0.277	0.413	0.0	0.016	47.9	61.0	60.0
446	B59R_062_012Ad	0.625 0.5	0.625 0.625 0.312	390	0.625 0.5	43.2	35.6	0.0	0.0	259.5	0.0	0.448	0.285	0.413	0.0	0.016	47.9	61.0	60.0
447	B28R_075_025Ad	0.625 0.5	0.625 0.625 0.312	390	0.625 0.5	43.3	35.6	0.0	0.0	265.5	0.0	0.438	0.293	0.413	0.0	0.016	47.9	61.0	60.0
448	B19R_087_037Ad	0.625 0.5	0.625 0.625 0.312	390	0.625 0.5	43.4	35.6	0.0	0.0	271.5	0.0	0.428	0.301	0.413	0.0	0.016	47.9	61.0	60.0
449	B11R_100_050Ad	0.625 0.5	0.625 0.625 0.312	390	0.625 0.5	43.5	35.6	0.0	0.0	277.5	0.0	0.418	0.309	0.413	0.0	0.016	47.9	61.0	60.0
450	Y00G_062_062Ad	0.625 0.625	0.625 0.625 0.312	390	0.625 0.625	43.6	35.6	0.0	0.0	283.5	0.0	0.408	0.317	0.413	0.0	0.016	47.9	61.0	60.0
451	Y00G_062_050Ad	0.625 0.625	0.625 0.625 0.312	390	0.625 0.625	43.7	35.6	0.0	0.0	289.5	0.0	0.398	0.325	0.413	0.0	0.016	47.9	61.0	60.0
452	Y00G_062_037Ad	0.625 0.625	0.625 0.625 0.312	390	0.625 0.625	43.8	35.6	0.0	0.0	295.5	0.0	0.388	0.333	0.413	0.0	0.016	47.9	61.0	60.0
453	Y00G_062_025Ad	0.625 0.625	0.625 0.625 0.312	390	0.625 0.625	43.9	35.6	0.0	0.0	301.5	0.0	0.378	0.341	0.413	0.0	0.016	47.9	61.0	60.0
454	Y00G_062_012Ad	0.625 0.625	0.625 0.625 0.312	390	0.625 0.625	44.0	35.6	0.0	0.0	307.5	0.0	0.368	0.349	0.413	0.0	0.016	47.9	61.0	60.0
455	Y00G_062_012Ad	0.625 0.625	0.625 0.625 0.312	390	0.625 0.625	44.1	35.6	0.0	0.0	313.5	0.0	0.358	0.357	0.413	0.0	0.016	47.9	61.0	60.0
456	B00R_075_012Ad	0.625 0.625	0.625 0.625 0.312	390	0.625 0.625	44.2	35.6	0.0	0.0	319.5	0.0	0.348	0.365	0.413	0.0	0.016	47.9	61.0	60.0
457	B00R_087_025Ad	0.625 0.625	0.625 0.625 0.312	390	0.625 0.625	44.3	35.6	0.0	0.0	325.5	0.0	0.338	0.373	0.413	0.0	0.016	47.9	61.0	60.0
458	B00R_100_037Ad	0.625 0.625	0.625 0.625 0.312	390	0.625 0.625	44.4	35.6	0.0	0.0	331.5	0.0	0.328	0.381	0.413	0.0	0.016	47.9	61.0	60.0
459	Y15G_075_050Ad	0.625 0.625	0.625 0.625 0.312	390	0.625 0.625	44.5	35.6	0.0	0.0	337.5	0.0	0.318	0.389	0.413	0.0	0.016	47.9	61.0	60.0
460	Y15G_075_062Ad	0.625 0.625	0.625 0.625 0.312	390	0.625 0.625	44.6	35.6	0.0	0.0	343									

n	H1C_Feld	rgb_Feld	lch_Feld	hsa_Feld	rgb_Feld	LabCh_Feld	cmyk*_sep_Feld	hsv*_id	rgb*_id	LabCh*_id	delta
486	R00Y_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	37.8
487	R35Y_075_075ad	0.75	0.125	0.75	0.75	0.125	0.0	0.0	0.0	0.0	68.6
488	R69Y_075_075ad	0.75	0.25	0.75	0.75	0.25	0.0	0.0	0.0	0.0	32.9
489	R00Y_075_075ad	0.75	0.375	0.75	0.75	0.375	0.0	0.0	0.0	0.0	65.2
490	B69K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	23.3
491	B57K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	59.9
492	B40K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	10.0
493	B30K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	63.2
494	B38K_100_100ad	0.75	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	358.3
495	R15Y_075_075ad	0.75	0.125	0.75	0.75	0.125	0.0	0.0	0.0	0.0	65.8
496	R00Y_075_075ad	0.75	0.25	0.75	0.75	0.25	0.0	0.0	0.0	0.0	9.9
497	R35Y_075_075ad	0.75	0.375	0.75	0.75	0.375	0.0	0.0	0.0	0.0	351.4
498	R69Y_075_075ad	0.75	0.5	0.75	0.75	0.5	0.0	0.0	0.0	0.0	65.8
499	B69K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	12.7
500	B57K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	62.3
501	B40K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	343.5
502	B30K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	339.4
503	B38K_100_100ad	0.75	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	44.3
504	R15Y_075_075ad	0.75	0.125	0.75	0.75	0.125	0.0	0.0	0.0	0.0	51.8
505	R00Y_075_075ad	0.75	0.25	0.75	0.75	0.25	0.0	0.0	0.0	0.0	50.6
506	R35Y_075_075ad	0.75	0.375	0.75	0.75	0.375	0.0	0.0	0.0	0.0	72.4
507	R69Y_075_075ad	0.75	0.5	0.75	0.75	0.5	0.0	0.0	0.0	0.0	44.3
508	B69K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	37.8
509	B57K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	68.6
510	B40K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	33.4
511	B30K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	28.9
512	B38K_100_100ad	0.75	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	18.3
513	R15Y_075_075ad	0.75	0.125	0.75	0.75	0.125	0.0	0.0	0.0	0.0	61.7
514	R00Y_075_075ad	0.75	0.25	0.75	0.75	0.25	0.0	0.0	0.0	0.0	2.5
515	R35Y_075_075ad	0.75	0.375	0.75	0.75	0.375	0.0	0.0	0.0	0.0	18.3
516	R69Y_075_075ad	0.75	0.5	0.75	0.75	0.5	0.0	0.0	0.0	0.0	61.7
517	B69K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	2.5
518	B57K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	18.3
519	B40K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	61.7
520	B30K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	2.5
521	B38K_100_100ad	0.75	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	18.3
522	R15Y_075_075ad	0.75	0.125	0.75	0.75	0.125	0.0	0.0	0.0	0.0	61.7
523	R00Y_075_075ad	0.75	0.25	0.75	0.75	0.25	0.0	0.0	0.0	0.0	2.5
524	R35Y_075_075ad	0.75	0.375	0.75	0.75	0.375	0.0	0.0	0.0	0.0	18.3
525	R69Y_075_075ad	0.75	0.5	0.75	0.75	0.5	0.0	0.0	0.0	0.0	61.7
526	B69K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	2.5
527	B57K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	18.3
528	B40K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	61.7
529	B30K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	2.5
530	B38K_100_100ad	0.75	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	18.3
531	R15Y_075_075ad	0.75	0.125	0.75	0.75	0.125	0.0	0.0	0.0	0.0	61.7
532	R00Y_075_075ad	0.75	0.25	0.75	0.75	0.25	0.0	0.0	0.0	0.0	2.5
533	R35Y_075_075ad	0.75	0.375	0.75	0.75	0.375	0.0	0.0	0.0	0.0	18.3
534	R69Y_075_075ad	0.75	0.5	0.75	0.75	0.5	0.0	0.0	0.0	0.0	61.7
535	B69K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	2.5
536	B57K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	18.3
537	B40K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	61.7
538	B30K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	2.5
539	B38K_100_100ad	0.75	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	18.3
540	R15Y_075_075ad	0.75	0.125	0.75	0.75	0.125	0.0	0.0	0.0	0.0	61.7
541	R00Y_075_075ad	0.75	0.25	0.75	0.75	0.25	0.0	0.0	0.0	0.0	2.5
542	R35Y_075_075ad	0.75	0.375	0.75	0.75	0.375	0.0	0.0	0.0	0.0	18.3
543	R69Y_075_075ad	0.75	0.5	0.75	0.75	0.5	0.0	0.0	0.0	0.0	61.7
544	B69K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	2.5
545	B57K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	18.3
546	B40K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	61.7
547	B30K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	2.5
548	B38K_100_100ad	0.75	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	18.3
549	R15Y_075_075ad	0.75	0.125	0.75	0.75	0.125	0.0	0.0	0.0	0.0	61.7
550	R00Y_075_075ad	0.75	0.25	0.75	0.75	0.25	0.0	0.0	0.0	0.0	2.5
551	R35Y_075_075ad	0.75	0.375	0.75	0.75	0.375	0.0	0.0	0.0	0.0	18.3
552	R69Y_075_075ad	0.75	0.5	0.75	0.75	0.5	0.0	0.0	0.0	0.0	61.7
553	B69K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	2.5
554	B57K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	18.3
555	B40K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	61.7
556	B30K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	2.5
557	B38K_100_100ad	0.75	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	18.3
558	R15Y_075_075ad	0.75	0.125	0.75	0.75	0.125	0.0	0.0	0.0	0.0	61.7
559	R00Y_075_075ad	0.75	0.25	0.75	0.75	0.25	0.0	0.0	0.0	0.0	2.5
560	R35Y_075_075ad	0.75	0.375	0.75	0.75	0.375	0.0	0.0	0.0	0.0	18.3
561	R69Y_075_075ad	0.75	0.5	0.75	0.75	0.5	0.0	0.0	0.0	0.0	61.7
562	B69K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	2.5
563	B57K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	18.3
564	B40K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	61.7
565	B30K_075_075ad	0.75	0.0	0.75	0.75	0.0	0.0	0.0	0.0	0.0	2.5
566	B38K_100_100ad	0.75	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	18.3

Eingabe: rgb/cmyk -> rgbdd
Ausgabe: 3D-Linearisierung cmyk*dd

TUB-Prüfvorlage QG09; Bunttoncode: H*d=R25Yd
Farben und Farbabstände, ΔE,*

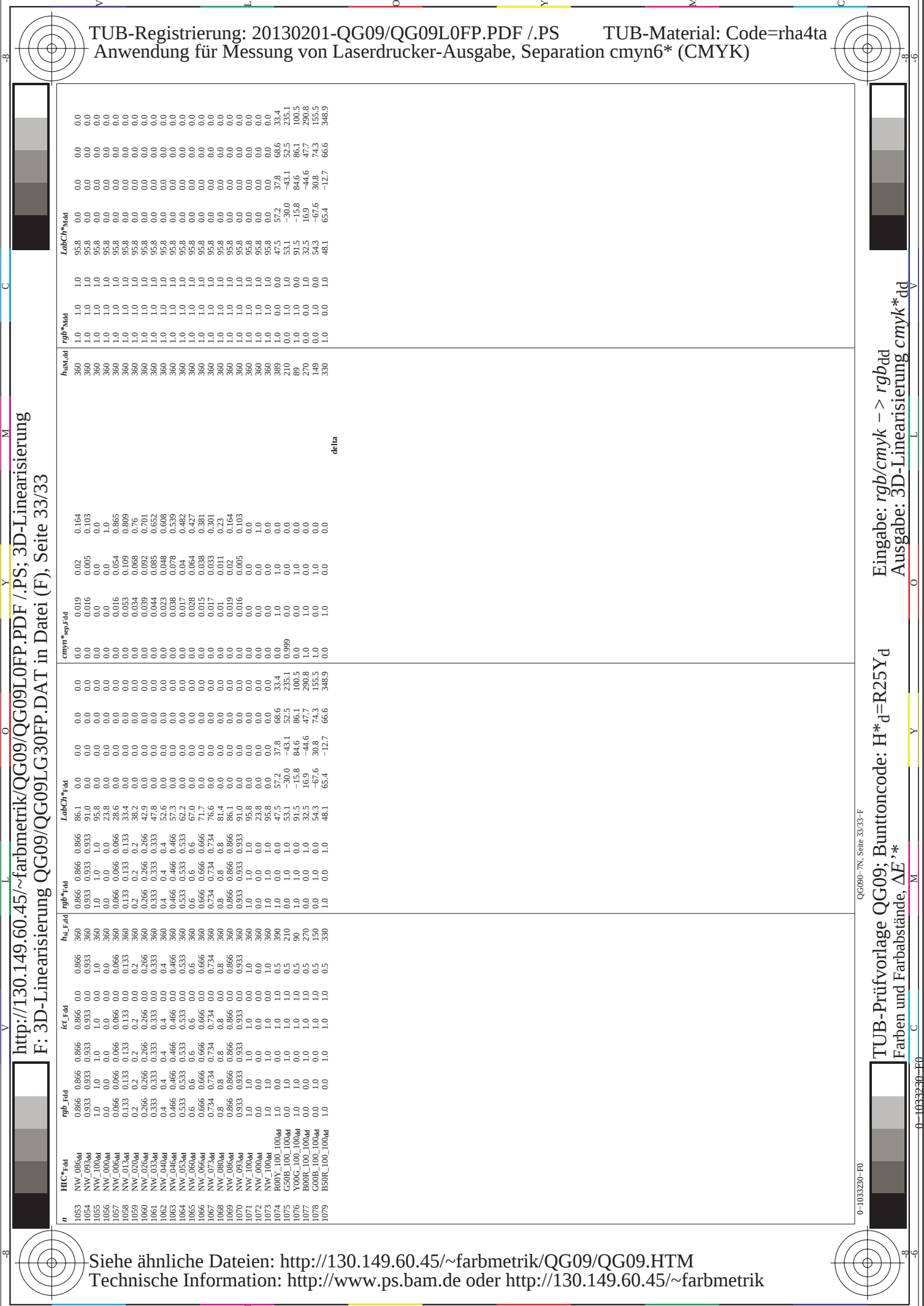
QG090-7N, Seite 26/33 +F

0-1032530-F0

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmatrik/QG09/QG09.HTM>
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmatrik>

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

n	HIC-Fold	rgb_Fold	icr_Fold	hsa_Fold	rgb ⁺ -Fold	LabCh ⁺ -Fold	cmv ⁺ -sp-Fold	hsa ⁺ -id	rgb ⁺ -id	LabCh ⁺ -id	delta
972	NW_0000d	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0
973	NW_0124d	0.125	0.125	0.125	0.125	0.0	0.0	360	1.0	1.0	0.815
974	NW_0256d	0.25	0.25	0.25	0.25	0.0	0.0	360	1.0	1.0	0.815
975	NW_0374d	0.375	0.375	0.375	0.375	0.0	0.0	360	1.0	1.0	0.815
976	NW_0504d	0.5	0.5	0.5	0.5	0.0	0.0	360	1.0	1.0	0.815
977	NW_0624d	0.625	0.625	0.625	0.625	0.0	0.0	360	1.0	1.0	0.815
978	NW_0754d	0.75	0.75	0.75	0.75	0.0	0.0	360	1.0	1.0	0.815
979	NW_0874d	0.875	0.875	0.875	0.875	0.0	0.0	360	1.0	1.0	0.815
980	NW_1004d	1.0	1.0	1.0	1.0	0.0	0.0	360	1.0	1.0	0.815
981	NW_0000d	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0
982	NW_0124d	0.125	0.125	0.125	0.125	0.0	0.0	360	1.0	1.0	0.815
983	NW_0256d	0.25	0.25	0.25	0.25	0.0	0.0	360	1.0	1.0	0.815
984	NW_0374d	0.375	0.375	0.375	0.375	0.0	0.0	360	1.0	1.0	0.815
985	NW_0504d	0.5	0.5	0.5	0.5	0.0	0.0	360	1.0	1.0	0.815
986	NW_0624d	0.625	0.625	0.625	0.625	0.0	0.0	360	1.0	1.0	0.815
987	NW_0754d	0.75	0.75	0.75	0.75	0.0	0.0	360	1.0	1.0	0.815
988	NW_0874d	0.875	0.875	0.875	0.875	0.0	0.0	360	1.0	1.0	0.815
989	NW_1004d	1.0	1.0	1.0	1.0	0.0	0.0	360	1.0	1.0	0.815
990	NW_0000d	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0
991	NW_0124d	0.125	0.125	0.125	0.125	0.0	0.0	360	1.0	1.0	0.815
992	NW_0256d	0.25	0.25	0.25	0.25	0.0	0.0	360	1.0	1.0	0.815
993	NW_0374d	0.375	0.375	0.375	0.375	0.0	0.0	360	1.0	1.0	0.815
994	NW_0504d	0.5	0.5	0.5	0.5	0.0	0.0	360	1.0	1.0	0.815
995	NW_0624d	0.625	0.625	0.625	0.625	0.0	0.0	360	1.0	1.0	0.815
996	NW_0754d	0.75	0.75	0.75	0.75	0.0	0.0	360	1.0	1.0	0.815
997	NW_0874d	0.875	0.875	0.875	0.875	0.0	0.0	360	1.0	1.0	0.815
998	NW_1004d	1.0	1.0	1.0	1.0	0.0	0.0	360	1.0	1.0	0.815
999	NW_0000d	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0
1000	NW_0124d	0.125	0.125	0.125	0.125	0.0	0.0	360	1.0	1.0	0.815
1001	NW_0256d	0.25	0.25	0.25	0.25	0.0	0.0	360	1.0	1.0	0.815
1002	NW_0374d	0.375	0.375	0.375	0.375	0.0	0.0	360	1.0	1.0	0.815
1003	NW_0504d	0.5	0.5	0.5	0.5	0.0	0.0	360	1.0	1.0	0.815
1004	NW_0624d	0.625	0.625	0.625	0.625	0.0	0.0	360	1.0	1.0	0.815
1005	NW_0754d	0.75	0.75	0.75	0.75	0.0	0.0	360	1.0	1.0	0.815
1006	NW_0874d	0.875	0.875	0.875	0.875	0.0	0.0	360	1.0	1.0	0.815
1007	NW_1004d	1.0	1.0	1.0	1.0	0.0	0.0	360	1.0	1.0	0.815
1008	NW_0000d	0.066	0.066	0.066	0.066	0.0	0.0	360	1.0	1.0	0.815
1009	NW_0066d	0.133	0.133	0.133	0.133	0.0	0.0	360	1.0	1.0	0.815
1010	NW_0134d	0.2	0.2	0.2	0.2	0.0	0.0	360	1.0	1.0	0.815
1011	NW_0204d	0.266	0.266	0.266	0.266	0.0	0.0	360	1.0	1.0	0.815
1012	NW_0266d	0.333	0.333	0.333	0.333	0.0	0.0	360	1.0	1.0	0.815
1013	NW_0334d	0.4	0.4	0.4	0.4	0.0	0.0	360	1.0	1.0	0.815
1014	NW_0404d	0.466	0.466	0.466	0.466	0.0	0.0	360	1.0	1.0	0.815
1015	NW_0466d	0.533	0.533	0.533	0.533	0.0	0.0	360	1.0	1.0	0.815
1016	NW_0534d	0.6	0.6	0.6	0.6	0.0	0.0	360	1.0	1.0	0.815
1017	NW_0604d	0.666	0.666	0.666	0.666	0.0	0.0	360	1.0	1.0	0.815
1018	NW_0666d	0.734	0.734	0.734	0.734	0.0	0.0	360	1.0	1.0	0.815
1019	NW_0734d	0.8	0.8	0.8	0.8	0.0	0.0	360	1.0	1.0	0.815
1020	NW_0804d	0.866	0.866	0.866	0.866	0.0	0.0	360	1.0	1.0	0.815
1021	NW_0866d	0.933	0.933	0.933	0.933	0.0	0.0	360	1.0	1.0	0.815
1022	NW_0934d	1.0	1.0	1.0	1.0	0.0	0.0	360	1.0	1.0	0.815
1023	NW_1004d	0.066	0.066	0.066	0.066	0.0	0.0	360	1.0	1.0	0.815
1024	NW_0000d	0.133	0.133	0.133	0.133	0.0	0.0	360	1.0	1.0	0.815
1025	NW_0066d	0.2	0.2	0.2	0.2	0.0	0.0	360	1.0	1.0	0.815
1026	NW_0134d	0.266	0.266	0.266	0.266	0.0	0.0	360	1.0	1.0	0.815
1027	NW_0204d	0.333	0.333	0.333	0.333	0.0	0.0	360	1.0	1.0	0.815
1028	NW_0266d	0.4	0.4	0.4	0.4	0.0	0.0	360	1.0	1.0	0.815
1029	NW_0334d	0.466	0.466	0.466	0.466	0.0	0.0	360	1.0	1.0	0.815
1030	NW_0404d	0.533	0.533	0.533	0.533	0.0	0.0	360	1.0	1.0	0.815
1031	NW_0466d	0.6	0.6	0.6	0.6	0.0	0.0	360	1.0	1.0	0.815
1032	NW_0534d	0.666	0.666	0.666	0.666	0.0	0.0	360	1.0	1.0	0.815
1033	NW_0604d	0.734	0.734	0.734	0.734	0.0	0.0	360	1.0	1.0	0.815
1034	NW_0666d	0.8	0.8	0.8	0.8	0.0	0.0	360	1.0	1.0	0.815
1035	NW_0734d	0.866	0.866	0.866	0.866	0.0	0.0	360	1.0	1.0	0.815
1036	NW_0804d	0.933	0.933	0.933	0.933	0.0	0.0	360	1.0	1.0	0.815
1037	NW_0866d	1.0	1.0	1.0	1.0	0.0	0.0	360	1.0	1.0	0.815
1038	NW_0934d	0.066	0.066	0.066	0.066	0.0	0.0	360	1.0	1.0	0.815
1039	NW_1004d	0.133	0.133	0.133	0.133	0.0	0.0	360	1.0	1.0	0.815
1040	NW_0000d	0.2	0.2	0.2	0.2	0.0	0.0	360	1.0	1.0	0.815
1041	NW_0066d	0.266	0.266	0.266	0.266	0.0	0.0	360	1.0	1.0	0.815
1042	NW_0134d	0.333	0.333	0.333	0.333	0.0	0.0	360	1.0	1.0	0.815
1043	NW_0204d	0.4	0.4	0.4	0.4	0.0	0.0	360	1.0	1.0	0.815
1044	NW_0266d	0.466	0.466	0.466	0.466	0.0	0.0	360	1.0	1.0	0.815
1045	NW_0334d	0.533	0.533	0.533	0.533	0.0	0.0	360	1.0	1.0	0.815
1046	NW_0404d	0.6	0.6	0.6	0.6	0.0	0.0	360	1.0	1.0	0.815
1047	NW_0466d	0.666	0.666	0.666	0.666	0.0	0.0	360	1.0	1.0	0.815
1048	NW_0534d	0.734	0.734	0.734	0.734	0.0	0.0	360	1.0	1.0	0.815
1049	NW_0604d	0.8	0.8	0.8	0.8	0.0	0.0	360	1.0	1.0	0.815
1050	NW_0666d	0.866	0.866	0.866	0.866	0.0	0.0	360	1.0	1.0	0.815
1051	NW_0734d	0.933	0.933	0.933	0.933	0.0	0.0	360	1.0	1.0	0.815
1052	NW_0804d	1.0	1.0	1.0	1.0	0.0	0.0	360	1.0	1.0	0.815



http://130.149.60.45/~farbmetrik/QG09/QG09L0FP.PDF /.PS; 3D-Linearisierung
F: 3D-Linearisierung QG09/QG09LG30FP.DAT in Datei (F), Seite 33/33

n	HVC*_Fid	rgb*_Fid	lcr*_Fid	hsa*_Fid	LabCH*_Fid	cmyk*_sep_Fid	rgb*_Mdd	hsa*_Mdd	LabCH*_Mdd	delta
1053	NW_086dd	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	86.1 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1054	NW_093dd	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	91.0 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1055	NW_100dd	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1056	NW_006dd	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	23.8 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1057	NW_006dd	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	23.8 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1058	NW_013dd	0.133 0.133 0.133	0.133 0.133 0.133	0.133 0.133 0.133	33.4 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1059	NW_020dd	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	38.2 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1060	NW_026dd	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	42.9 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1061	NW_033dd	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	47.8 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1062	NW_040dd	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	52.6 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1063	NW_046dd	0.466 0.466 0.466	0.466 0.466 0.466	0.466 0.466 0.466	57.3 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1064	NW_053dd	0.533 0.533 0.533	0.533 0.533 0.533	0.533 0.533 0.533	62.2 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1065	NW_060dd	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	67.0 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1066	NW_066dd	0.666 0.666 0.666	0.666 0.666 0.666	0.666 0.666 0.666	71.7 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1067	NW_073dd	0.734 0.734 0.734	0.734 0.734 0.734	0.734 0.734 0.734	76.6 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1068	NW_080dd	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	81.4 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1069	NW_086dd	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	86.1 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1070	NW_093dd	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	91.0 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1071	NW_100dd	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.8 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1072	NW_000dd	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	23.8 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1073	ROY_100_100dd	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	47.5 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1074	G50B_100_100dd	0.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	53.1 -30.0 37.8	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1075	G50B_100_100dd	0.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	53.1 -30.0 37.8	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1076	Y06C_100_100dd	1.0 0.0 0.0	0.0 1.0 0.0	0.0 0.0 1.0	31.5 84.6 15.8	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1077	B06C_100_100dd	0.0 0.0 1.0	0.0 0.0 1.0	0.0 0.0 1.0	31.5 84.6 15.8	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1078	B06C_100_100dd	0.0 0.0 1.0	0.0 0.0 1.0	0.0 0.0 1.0	31.5 84.6 15.8	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0
1079	B50R_100_100dd	1.0 0.0 0.0	0.0 1.0 0.0	0.0 0.0 1.0	48.1 65.4 -12.7	0.0 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0	95.8 0.0 0.0	0.0

QC090-7N, Seite 33/33 +F
TUB-Prüfvorlage QG09; Bunttoncode: H*_d=R25Y_d
Farben und Farbabstände, ΔE,*
Eingabe: rgb/cmyk -> rgbdd
Ausgabe: 3D-Linearisierung cmyk*dd

0-103320-F0

0-103320-F0

Ein- und Ausgabe: Drucker-Reflektiv-System FRS06a für relativen CIELAB-Buntton $h_{ab,a,rel} = h_{ab}/360 = 46/360 = 0.12$

$H^*_{-} = R25Y_{-}$

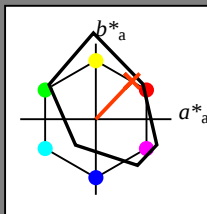
Daten für jede Geräte- (d) oder
Elementarfarbe (e):

HIC^*_{-}

Bunttontext für die Farben
dieser Seite:

$H^*_{-} = R25Y_{-}$

Dreiecks-Helligkeit T^*



FRS06a; adaptierte CIELAB-Daten

Name	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R ₋ ,Ma	32.5	62.3	46.4	77.7	36
Y ₋ ,Ma	82.7	-3.1	113.9	114.0	91
G ₋ ,Ma	39.4	-61.8	45.8	76.9	143
C ₋ ,Ma	47.8	-26.8	-34.2	43.4	231
B ₋ ,Ma	10.1	55.1	-61.0	82.2	312
M ₋ ,Ma	34.5	80.6	-33.9	87.5	337
N ₋ ,Ma	6.2	0.0	0.0	0.0	0
W ₋ ,Ma	91.9	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):

$LabCh^*_{-,Ma}$: 56 48 50 69 46

$HIC^*_{-,Ma}$: R25Y_100_100_

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

1.0 0.23 0.0 1.0 1.0

Dreiecks-Helligkeit T^*

%Umfang

$u^*_{rel} = 114$

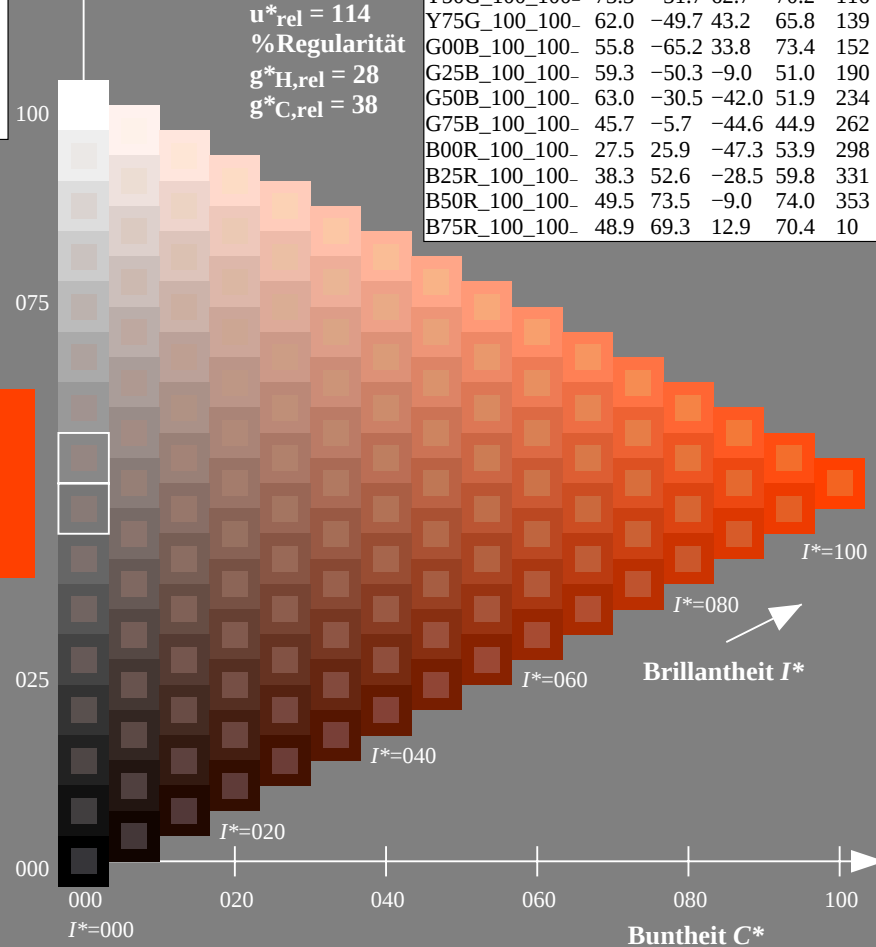
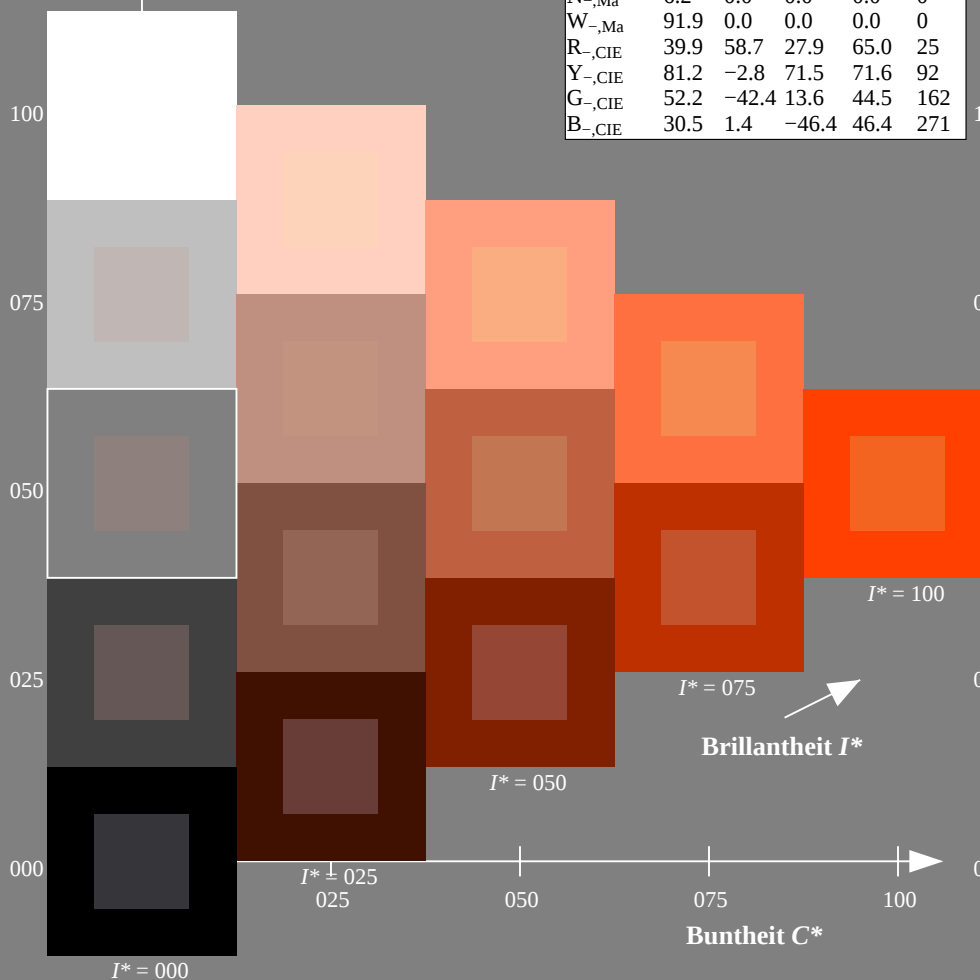
%Regularität

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

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: Drucker-Reflektiv-System FRS06a für relativen CIELAB-Buntton $h_{ab,a,rel} = h_{ab}/360 = 41/360 = 0.11$

$H^*_e = R25Y_e$

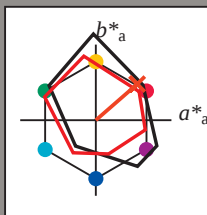
Daten für jede Geräte- (d) oder
Elementarfarbe (e):

HIC^*_e

Bunttontext für die Farben
dieser Seite:

$H^*_e = R25Y_e$

Dreiecks-Helligkeit T^*



LRS18a; adaptierte CIELAB-Daten					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{e,Ma}$	47.5	56.0	26.7	62.1	25
$Y_{e,Ma}$	83.6	-3.1	76.8	76.9	92
$G_{e,Ma}$	53.8	-65.9	21.1	69.2	162
$C_{e,Ma}$	54.9	-38.7	-29.1	48.4	216
$B_{e,Ma}$	37.3	1.4	-48.6	48.7	271
$M_{e,Ma}$	38.5	46.7	-28.5	54.7	328
$N_{e,Ma}$	23.8	0.0	0.0	0.0	0
$W_{e,Ma}$	95.8	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):

$LabCh^*_{e,Ma}$: 51 54 47 72 41

$HIC^*_{e,Ma}$: R25Y_100_100_e

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

1.0 0.1 0.0 1.0 1.0

Dreiecks-Helligkeit T^*

%Umfang

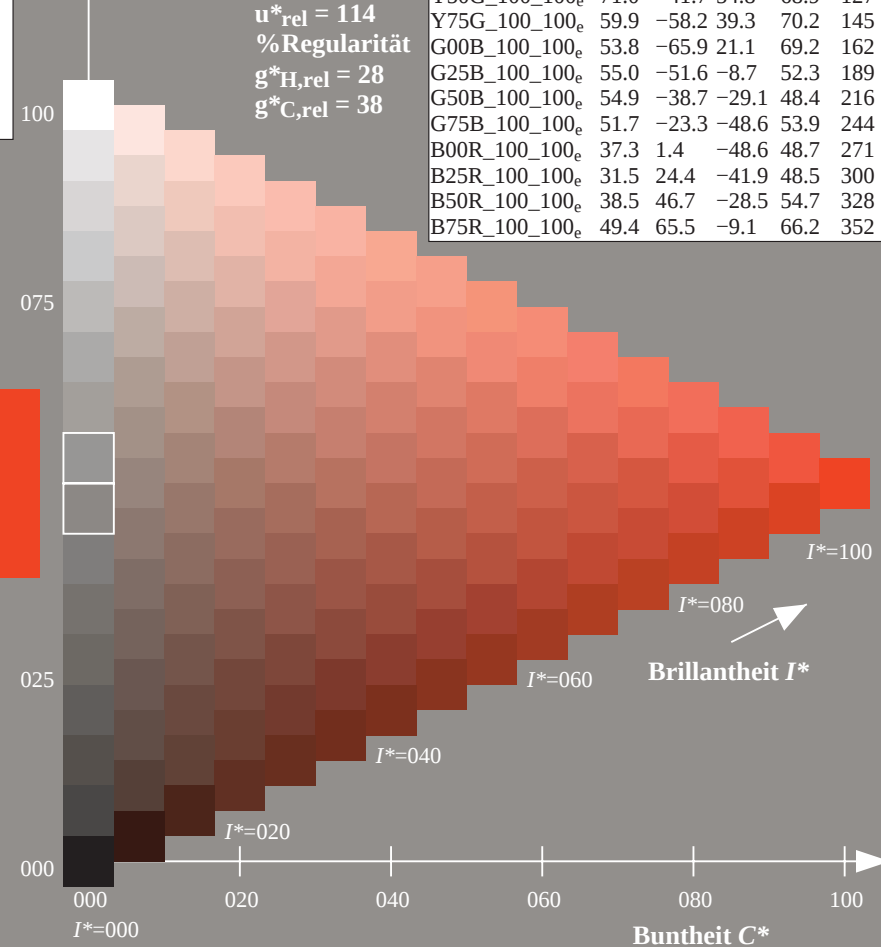
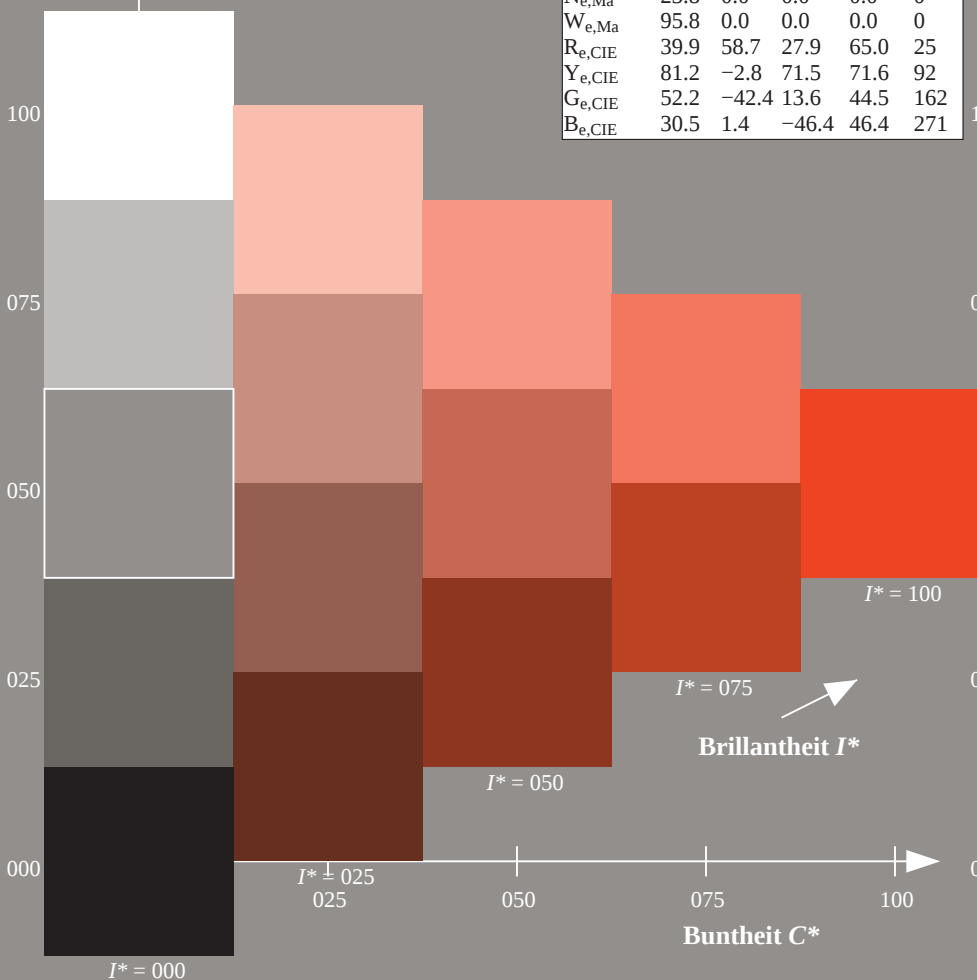
$u^*_{rel} = 114$

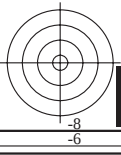
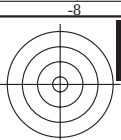
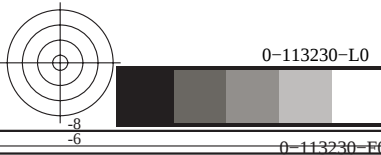
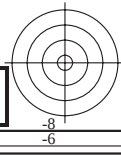
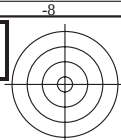
%Regularität

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

LRS18a; adaptierte CIELAB-Daten					
H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	47.5	56.0	26.7	62.1	25
R25Y_100_100_e	51.4	54.8	47.7	72.6	41
R50Y_100_100_e	61.8	35.2	58.4	68.2	58
R75Y_100_100_e	72.3	16.1	68.2	70.1	76
Y00G_100_100_e	83.6	-3.1	76.8	76.9	92
Y25G_100_100_e	85.8	-26.4	78.5	82.9	108
Y50G_100_100_e	71.0	-41.7	54.8	68.9	127
Y75G_100_100_e	59.9	-58.2	39.3	70.2	145
G00B_100_100_e	53.8	-65.9	21.1	69.2	162
G25B_100_100_e	55.0	-51.6	-8.7	52.3	189
G50B_100_100_e	54.9	-38.7	-29.1	48.4	216
G75B_100_100_e	51.7	-23.3	-48.6	53.9	244
B00R_100_100_e	37.3	1.4	-48.6	48.7	271
B25R_100_100_e	31.5	24.4	-41.9	48.5	300
B50R_100_100_e	38.5	46.7	-28.5	54.7	328
B75R_100_100_e	49.4	65.5	-9.1	66.2	352





Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG09/QG09.HTM>
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

Ein- und Ausgabe: Drucker-Reflektiv-System FR506a für relativen CIE LAB-Buntton $h_{ab,a,rel} = h_{ab}/360 = 41/360 = 0,11$

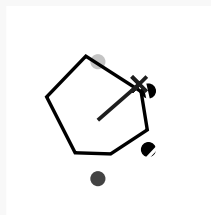
Daten für jede Geräte- (d) oder
Elementarfarbe (e):

HIC^*_e

Bunttontext für die Farben
dieser Seite:

$H^*_e = R25Y_e$

Dreiecks-Helligkeit T^*



Daten für Maximalfarbe (Ma):

$LabCh^*_{e,Ma}$: 51 54 47 72 41

$HIC^*_{e,Ma}$: R25Y_100_100_e

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

1.0 0.1 0.0 1.0 1.0

Dreiecks-Helligkeit T^*

%Umfang

$u^*_{rel} = 114$

%Regularität

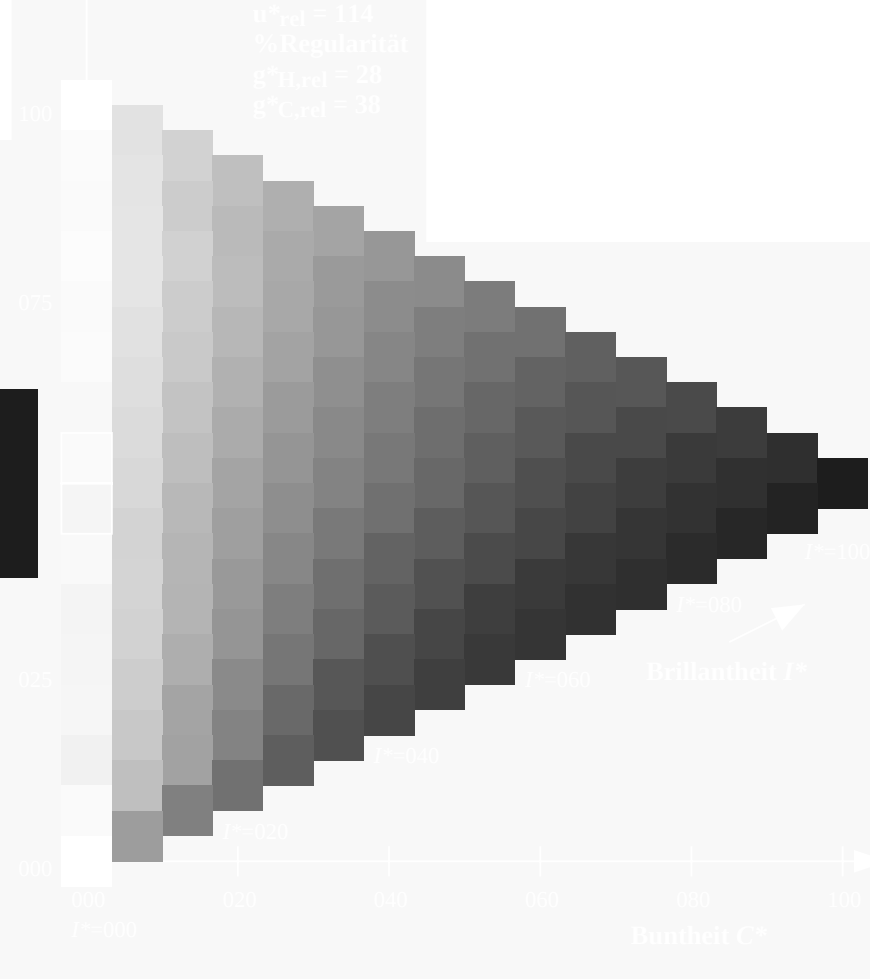
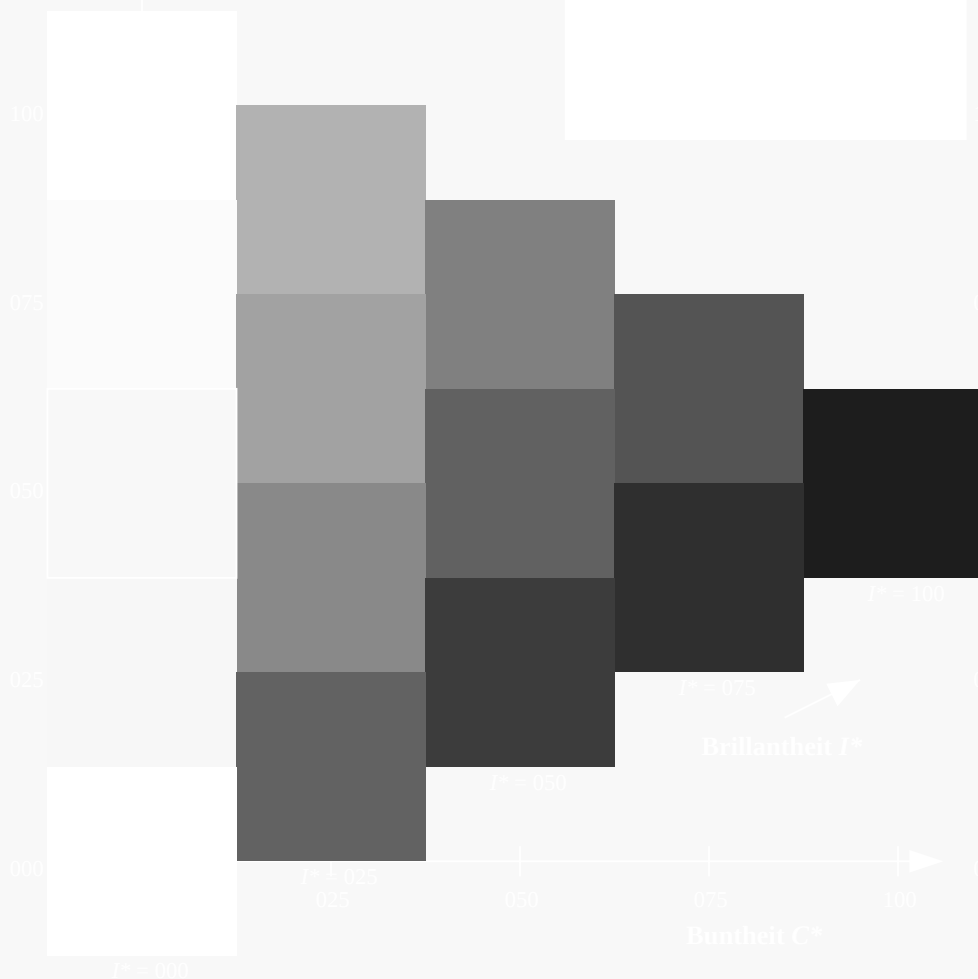
$g^*_{H,rel} = 26$

$g^*_{C,rel} = 38$

$H^*_e = R25Y_e$

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG09/QG09L0FP.PDF> / .PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20130201-QG09/QG09L0FP.PDF /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Laserdrucker-Ausgabe, Separation $cmyn6^*$ (CMYK)



0-113330-L0 QG090-73

TUB-Prüfvorlage QG09; Bunttoncode: $H^*_e=R25Y_e$
Prüfvorlage nach DIN 33872, 3D=1, $de=1$, cmk^*

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

Ein- und Ausgabe: Drucker-Reflektiv-System FR506a für relativen CIELAB-Buntton $h_{ab,a,rel} = h_{ab}/360 = 41/360 = 0.11$

$H^*_e = R25Y_e$

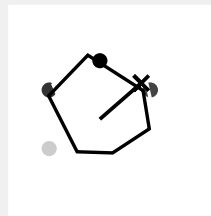
Daten für jede Geräte- (d) oder
Elementarfarbe (e):

HIC^*_e

Bunttontext für die Farben
dieser Seite:

$H^*_e = R25Y_e$

Dreiecks-Helligkeit T^*



Daten für Maximalfarbe (Ma):

$LabCh^*_{e,Ma}$: 51 54 47 72 41

$HIC^*_{e,Ma}$: R25Y_100_100_e

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

1.0 0.1 0.0 1.0 1.0

Dreiecks-Helligkeit T^*

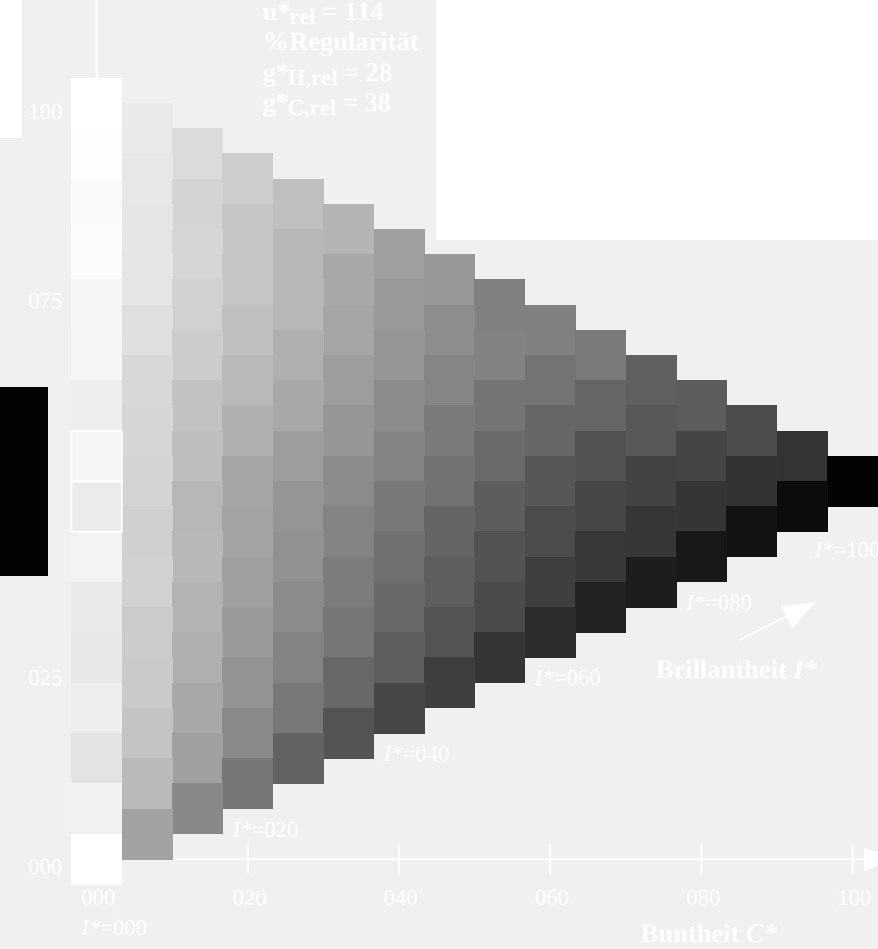
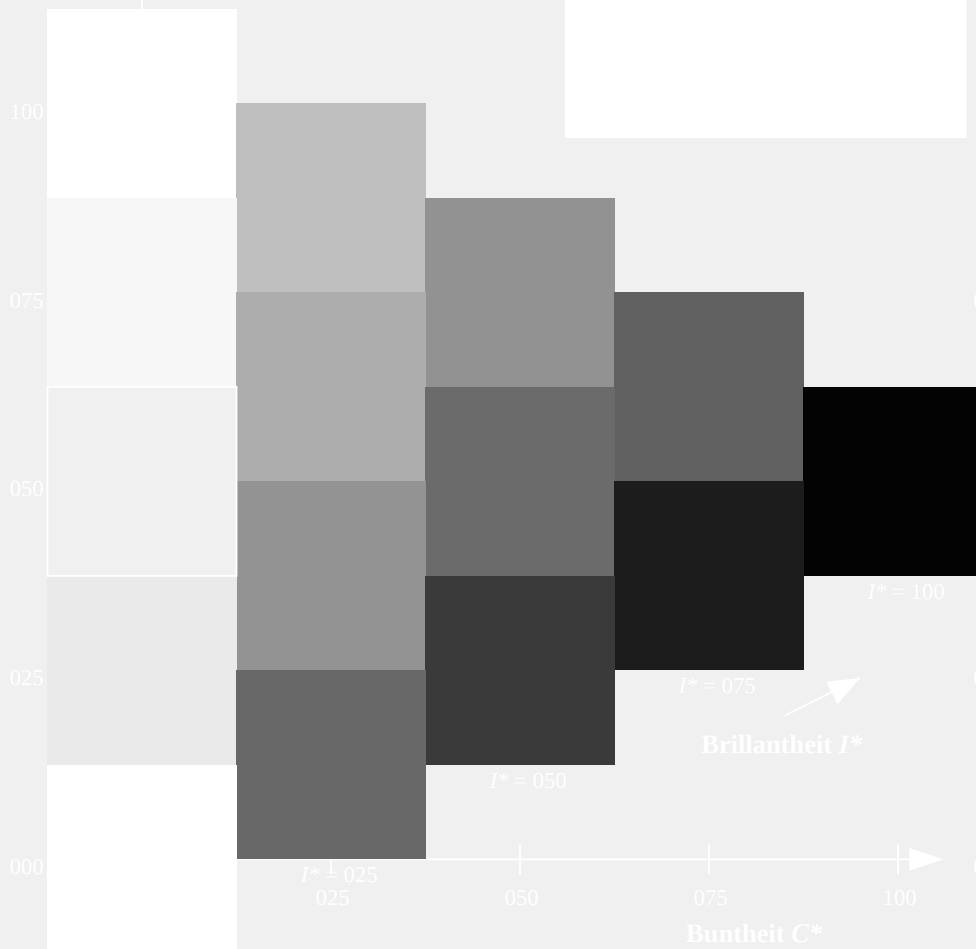
%Umfang

$u^*_{rel} = 114$

%Regularität

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$



Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG09/QG09L0FP.PDF> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20130201-QG09/QG09L0FP.PDF /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Laserdrucker-Ausgabe, Separation $cmynb^*$ (CMYK)

Ein- und Ausgabe: Drucker-Reflektiv-System FRS06a für relativen CIELAB-Buntton $h_{ab,a,rel} = h_{ab}/360 = 41/360 = 0.11$

$H^*_e = R25Y_e$

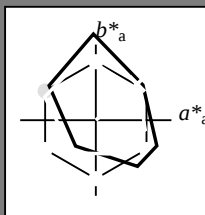
Daten für jede Geräte- (d) oder
Elementarfarbe (e):

HIC^*_e

Bunttontext für die Farben
dieser Seite:

$H^*_e = R25Y_e$

Dreiecks-Helligkeit T^*



LRS18a; adaptierte CIELAB-Daten

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{e,Ma}$	47.5	56.0	26.7	62.1	25
$Y_{e,Ma}$	83.6	-3.1	76.8	76.9	92
$G_{e,Ma}$	53.8	-65.9	21.1	69.2	162
$C_{e,Ma}$	54.9	-38.7	-29.1	48.4	216
$B_{e,Ma}$	37.3	1.4	-48.6	48.7	271
$M_{e,Ma}$	38.5	46.7	-28.5	54.7	328
$N_{e,Ma}$	23.8	0.0	0.0	0.0	0
$W_{e,Ma}$	95.8	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):

$LabCh^*_{e,Ma}$: 51 54 47 72 41

$HIC^*_{e,Ma}$: R25Y_100_100_e

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

1.0 0.1 0.0 1.0 1.0

Dreiecks-Helligkeit T^*

%Umfang

$u^*_{rel} = 114$

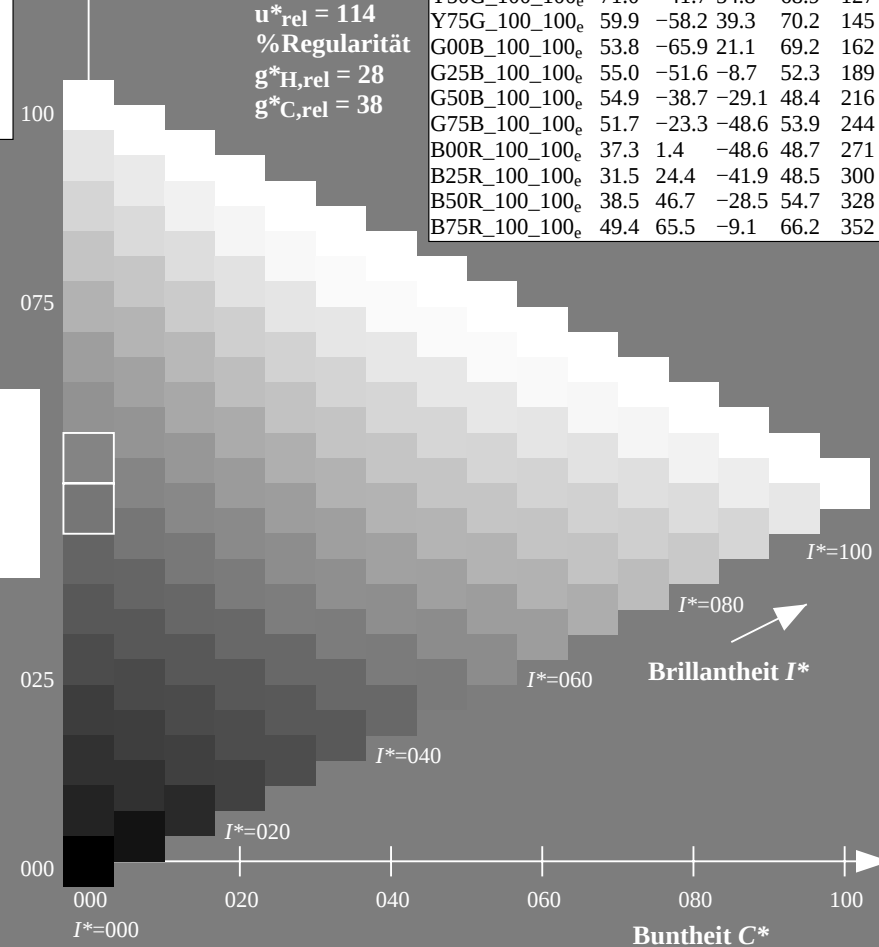
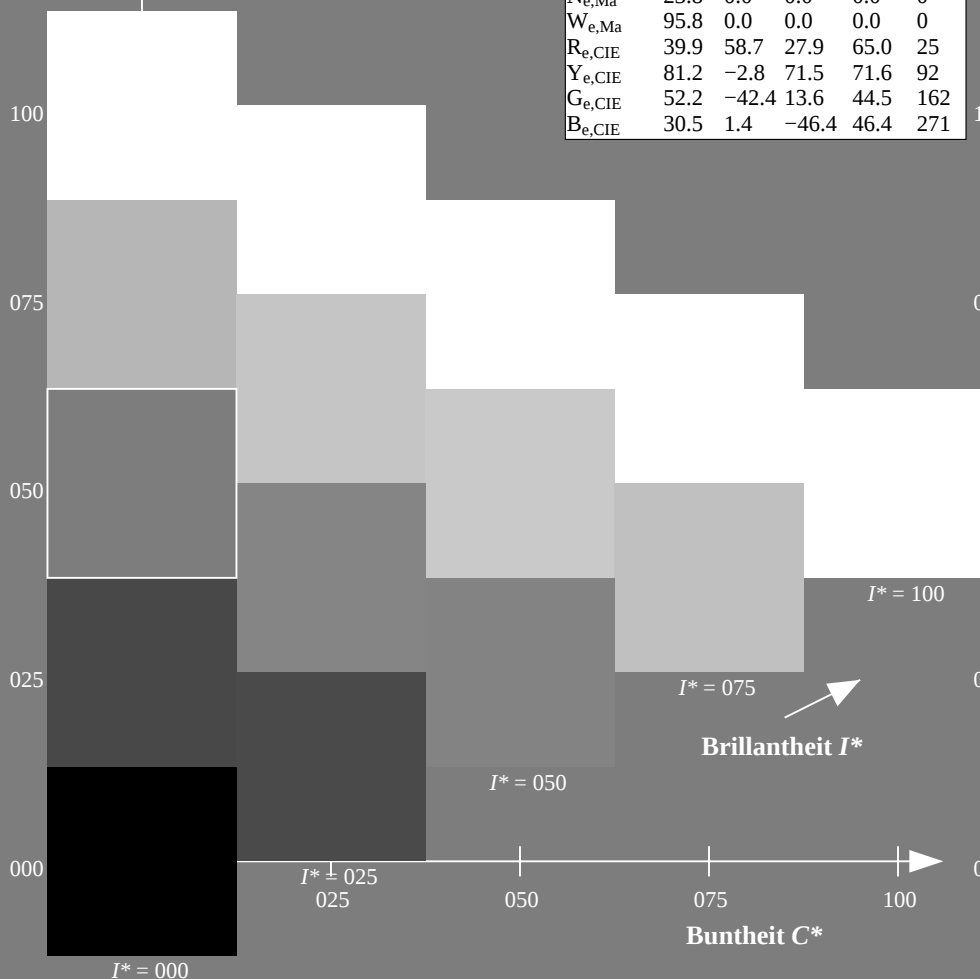
%Regularität

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

LRS18a; adaptierte CIELAB-Daten

H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R00Y_{100_100_e}$	47.5	56.0	26.7	62.1	25
$R25Y_{100_100_e}$	51.4	54.8	47.7	72.6	41
$R50Y_{100_100_e}$	61.8	35.2	58.4	68.2	58
$R75Y_{100_100_e}$	72.3	16.1	68.2	70.1	76
$Y00G_{100_100_e}$	83.6	-3.1	76.8	76.9	92
$Y25G_{100_100_e}$	85.8	-26.4	78.5	82.9	108
$Y50G_{100_100_e}$	71.0	-41.7	54.8	68.9	127
$Y75G_{100_100_e}$	59.9	-58.2	39.3	70.2	145
$G00B_{100_100_e}$	53.8	-65.9	21.1	69.2	162
$G25B_{100_100_e}$	55.0	-51.6	-8.7	52.3	189
$G50B_{100_100_e}$	54.9	-38.7	-29.1	48.4	216
$G75B_{100_100_e}$	51.7	-23.3	-48.6	53.9	244
$B00R_{100_100_e}$	37.3	1.4	-48.6	48.7	271
$B25R_{100_100_e}$	31.5	24.4	-41.9	48.5	300
$B50R_{100_100_e}$	38.5	46.7	-28.5	54.7	328
$B75R_{100_100_e}$	49.4	65.5	-9.1	66.2	352



TUB-Prüfvorlage QG09; Bunttoncode: $H^*_e=R25Y_e$
Prüfvorlage nach DIN 33872, 3D=1, $de=1$, $cmYk^*$

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

Daten der Maximalfarbe M im Farbmatrik-System Laserdrucker-Ausgabe; Separation cmykn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBM: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Sechs Bunttonwinkel der Gerätefarben RYGBM: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Sechs Bunttonwinkel der Elementarfarben RYGBM: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

J=Y_d YellowGelb

LCH*_d = 91.5 86.1 100.5

LAB*_d = 91.5 -15.8 84.6

rgb*_d = 1.0 1.0 0.0

L=G_d leaf-greenLaubgrün

LCH*_d = 54.3 74.3 155.5

LAB*_d = 54.3 -67.6 30.8

rgb*_d = 0.0 1.0 0.0

C=C_d cyan-blueCyanblau

LCH*_d = 53.1 52.5 235.1

LAB*_d = 53.1 -30.0 -43.1

rgb*_d = 0.0 1.0 1.0

O=R_d orange-redOrangerot

LCH*_d = 47.5 68.6 33.4

LAB*_d = 47.5 57.2 37.8

rgb*_d = 1.0 0.0 0.0

M=M_d magenta-redMagentarot

LCH*_d = 48.1 66.6 348.9

LAB*_d = 48.1 65.4 -12.7

rgb*_d = 1.0 0.0 1.0

V=B_d violet-blueViolettblau

LCH*_d = 32.5 47.7 290.8

LAB*_d = 32.5 16.9 -44.6

rgb*_d = 0.0 0.0 1.0

Y_e yellowGelb

LCH*_e = 83.6 76.9 92.3

LAB*_e = 83.6 -3.1 76.8

rgb*_{de} = 1.0 0.768 0.0

G_e greenGrün

LCH*_e = 53.8 69.2 162.2

LAB*_e = 53.8 -65.9 21.1

rgb*_{de} = 0.0 1.0 0.146

C_e blue-greenBlaugrün

LCH*_e = 54.9 48.4 216.9

LAB*_e = 54.9 -38.7 -29.1

rgb*_{de} = 0.0 1.0 0.791

B_e blueBlau

LCH*_e = 37.3 48.7 271.7

LAB*_e = 37.3 1.4 -48.6

rgb*_{de} = 0.0 0.261 1.0

R_e redRot

LCH*_e = 47.5 62.1 25.4

LAB*_e = 47.5 56.0 26.7

rgb*_{de} = 1.0 0.0 0.263

M_e blue-redBlaurot

LCH*_e = 38.5 54.7 328.6

LAB*_e = 38.5 46.7 -28.5

rgb*_{de} = 0.584 0.0 1.0

Y_s yellowGelb

LCH*_s = 81.8 76.2 90.0

LAB*_s = 81.8 0.0 76.2

rgb*_{ds} = 1.0 0.732 0.0

G_s greenGrün

LCH*_s = 57.6 70.9 150.0

LAB*_s = 57.6 -61.4 35.4

rgb*_{ds} = 0.145 1.0 0.0

R_s redRot

LCH*_s = 47.6 65.0 30.0

LAB*_s = 47.6 56.3 32.5

rgb*_{ds} = 1.0 0.0 0.157

M_s blue-redBlaurot

LCH*_s = 38.9 55.3 330.0

LAB*_s = 38.9 47.9 -27.6

rgb*_{ds} = 0.612 0.0 1.0

C_s blue-greenBlaugrün

LCH*_s = 55.2 48.1 210.0

LAB*_s = 55.2 -41.7 -24.0

rgb*_{ds} = 0.0 1.0 0.694

B_s blueBlau

LCH*_s = 38.0 48.9 270.0

LAB*_s = 38.0 0.0 -48.9

rgb*_{ds} = 0.0 0.283 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^* und LAB^* have been calculated.
- For the calculation of the standard hue angle $h_{ab,s}$ use for any device values rgb^* 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 Buntonwinkel 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 der Far the seven hue angles of the elementary coloursdie sieben Buntonwinkel 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 gibt es einen 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^* produce the output of the device-independent elementary hues erzeugen die Ausgabe der geräteunabhängigen

0-113630-L0 QG090-73 LAB*La0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

TUB-Prüfvorlage QG09; Buntoncode: H*_e=R25Y_e
48-stufige Farbkreise; rgb - $LabCh^*$ -Tabellen

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

Ausgabe: Laserdrucker-Ausgabe; Separation cmykn6*, D65, Seite 7/33

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker-Ausgabe; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBCM₁: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Sechs Bunttonwinkel der Gerätefarben RYGBCM₂: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Sechs Bunttonwinkel der Elementarfarben RYGBCM₃: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}	LAB^*_{ddx64M} (x=LabCh)	$rgb^*_{ddx361M}$	$LAB^*_{ddx361M}$ (x=LabCh)	$rgb^*_{dsx361M}$	$LAB^*_{dsx361M}$ (x=LabCh)	$rgb^*_{dex361M}$	$LAB^*_{dex361M}$	rgb^*_{de}	rgb^*_{ds}	rgb^*_{de}
33.4	30.0	25.4	1.0	0.0	0.0	47.5	57.2	37.9	68.6	33	1.0	0.0	0.0
42.1	37.5	33.8	1.0	0.125	0.0	51.9	54.3	49.2	73.2	42.1	1.0	0.0	0.0125
52.8	45.0	42.1	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52.8	1.0	0.0	0.025
63.7	52.5	50.5	1.0	0.375	0.0	64.6	29.8	60.4	67.3	63.7	1.0	0.0	0.0375
73.8	60.0	58.8	1.0	0.5	0.0	70.5	19.2	66.3	69.0	73.8	1.0	0.0	0.05
80.7	67.5	67.2	1.0	0.625	0.0	74.9	11.4	70.7	71.6	80.7	1.0	0.0	0.0625
91.5	75.0	75.6	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	91.5	1.0	0.0	0.075
96.8	82.5	83.9	1.0	0.875	0.0	87.6	-9.0	75.7	76.3	96.8	1.0	0.0	0.0875
100.5	90.0	92.3	1.0	1.0	0.0	91.5	-15.8	84.6	86.1	100.5	1.0	0.0	1.0
101.4	97.5	101.0	0.875	1.0	0.0	92.8	-18.1	89.4	91.2	101.4	0.883	1.0	0.0
103.9	105.0	109.7	0.75	1.0	0.0	90.1	-21.3	86.0	88.6	103.9	0.75	1.0	0.0
115.0	112.5	118.5	0.625	1.0	0.0	79.9	-31.7	67.9	75.0	115.0	0.633	1.0	0.0
127.3	120.0	127.2	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127.3	0.5	1.0	0.0
134.7	127.5	136.0	0.375	1.0	0.0	66.5	-47.5	48.0	67.6	134.7	0.383	1.0	0.0
144.7	135.0	144.7	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144.7	0.25	1.0	0.0
151.0	142.5	153.4	0.125	1.0	0.0	57.0	-62.2	34.4	71.1	151.0	0.133	1.0	0.0
155.5	150.0	162.2	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155.5	0.0	1.0	0.0
160.8	157.5	169.0	0.0	1.0	0.125	53.8	-66.4	23.5	70.6	160.8	0.0	1.0	0.125
168.5	165.0	175.9	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168.5	0.0	1.0	0.25
179.9	172.5	182.7	0.0	1.0	0.375	54.7	-56.8	0.0	56.8	179.9	0.0	1.0	0.375
189.8	180.0	189.6	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189.8	0.0	1.0	0.5
204.4	187.5	196.4	0.0	1.0	0.625	55.3	-44.1	-20.0	48.5	204.4	0.0	1.0	0.625
214.4	195.0	203.2	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214.4	0.0	1.0	0.75
221.9	202.5	210.1	0.0	1.0	0.875	54.4	-36.7	-33.0	49.4	221.9	0.0	1.0	0.875
235.1	210.0	216.9	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235.1	0.0	1.0	1.0
237.9	217.5	223.8	0.0	0.875	1.0	53.1	-27.9	-47.7	52.7	237.9	0.0	0.883	1.0
241.3	225.0	230.6	0.0	0.75	1.0	52.9	-25.8	-47.5	54.1	241.3	0.0	0.75	1.0
247.2	232.5	237.5	0.0	0.625	1.0	50.5	-20.8	-49.5	53.7	247.2	0.0	0.633	1.0
254.9	240.0	244.3	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254.9	0.0	0.5	1.0
262.6	247.5	251.2	0.0	0.375	1.0	41.4	-6.3	-49.2	49.6	262.6	0.0	0.383	1.0
272.6	255.0	258.0	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272.6	0.0	0.25	1.0
281.4	262.5	264.8	0.0	0.125	1.0	35.0	9.4	-46.3	47.3	281.4	0.0	0.133	1.0
290.8	270.0	271.7	0.0	0.0	1.0	32.5	16.9	-44.6	47.7	290.8	0.0	0.0	1.0
299.2	277.5	278.8	0.125	0.0	1.0	31.6	23.6	-42.2	48.4	299.2	0.117	0.0	1.0
307.8	285.0	285.9	0.25	0.0	1.0	31.0	30.5	-39.3	49.8	307.8	0.25	0.0	1.0
317.5	292.5	293.0	0.375	0.0	1.0	34.2	38.2	-35.0	51.8	317.5	0.367	0.0	1.0
324.4	300.0	300.1	0.5	0.0	1.0	37.2	43.1	-30.8	53.0	324.4	0.5	0.0	1.0
330.6	307.5	307.2	0.625	0.0	1.0	39.1	48.4	-27.2	55.6	330.6	0.617	0.0	1.0
338.7	315.0	314.3	0.75	0.0	1.0	41.8	55.1	-21.4	59.1	338.7	0.75	0.0	1.0
343.9	322.5	321.4	0.875	0.0	1.0	45.6	60.1	-17.3	62.6	343.9	0.867	0.0	1.0
348.9	330.0	328.6	1.0	0.0	1.0	48.1	65.4	-12.7	66.6	348.9	1.0	0.0	1.0
350.7	337.5	335.7	1.0	0.0	0.875	49.5	66.1	-10.7	67.0	350.7	1.0	0.0	0.883
354.2	345.0	342.8	1.0	0.0	0.75	49.3	64.5	-6.5	64.8	354.2	1.0	0.0	0.75
361.9	352.5	349.9	1.0	0.0	0.625	48.0	61.8	2.1	61.8	361.9	1.0	0.0	0.633
370.0	360.0	357.0	1.0	0.0	0.5	47.8	58.9	10.4	59.9	370.0	1.0	0.0	0.5
378.9	367.5	364.1	1.0	0.0	0.375	47.4	56.8	19.5	60.0	378.9	1.0	0.0	0.383
386.2	375.0	371.2	1.0	0.0	0.25	47.5	55.9	27.5	62.3	386.2	1.0	0.0	0.25
391.3	382.5	378.3	1.0	0.0	0.125	47.6	56.3	34.2	65.9	391.3	1.0	0.0	0.133
393.4	390.0	385.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	393.4	1.0	0.0	0.0

0-113730-L0 QG090-73 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

Ausgabe: Laserdrucker-Ausgabe; Separation cmyn6*, D65, Seite 8/33

TUB-Prüfvorlage QG09; Bunttoncode: $H^*_e=R25Y_e$
48-stufige Farbkreise; $rgb-LabCh^*$ -Tabellen

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

TUB-Registrierung: 20130201-QG09/QG09L0FP.PDF /.PS
Anwendung für Messung von Laserdrucker-Ausgabe, Separation cmyn6* (CMYK)
TUB-Material: Code=rh4ta

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker-Ausgabe; Separation cmykn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBCM_d: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Sechs Bunttonwinkel der Gerätefarben RYGBCM_d: $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Sechs Bunttonwinkel der Elementarfarben RYGBCM_c: $h_{ab,c} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}	$LAB^*_{ddx64M} (x=LabCh)$		$rgb^*_{dex361M}$	$LAB^*_{dex361M}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
33.4	30.0	25.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33.4
42.1	37.5	33.8	1.0	0.125	0.0	51.9	54.3	49.2	73.2	42.1
52.8	45.0	42.1	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52.8
63.7	52.5	50.5	1.0	0.375	0.0	64.6	29.8	60.4	67.3	63.7
73.8	60.0	58.8	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73.8
80.7	67.5	67.2	1.0	0.625	0.0	74.9	11.4	70.7	71.6	80.7
91.5	75.0	75.6	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	91.5
96.8	82.5	83.9	1.0	0.875	0.0	87.6	-9.0	75.7	76.3	96.8
100.5	90.0	92.3	1.0	1.0	0.0	91.5	-15.8	84.6	86.1	100.5
101.4	97.5	101.0	0.875	1.0	0.0	92.8	-18.1	89.4	91.2	101.4
103.9	105.0	109.7	0.75	1.0	0.0	90.1	-21.3	86.0	88.6	103.9
115.0	112.5	118.5	0.625	1.0	0.0	79.9	-31.7	67.9	75.0	115.0
127.3	120.0	127.2	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127.3
134.7	127.5	136.0	0.375	1.0	0.0	66.5	-47.5	48.0	67.6	134.7
144.7	135.0	144.7	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144.7
151.0	142.5	153.4	0.125	1.0	0.0	57.0	-62.2	34.4	71.1	151.0
155.5	150.0	162.2	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155.5
160.8	157.5	169.0	0.0	1.0	0.125	53.8	-66.4	23.0	70.2	160.8
168.5	165.0	175.9	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168.5
179.9	172.5	182.7	0.0	1.0	0.375	54.7	-56.8	0.0	56.8	179.9
189.8	180.0	189.6	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189.8
204.4	187.5	196.4	0.0	1.0	0.625	55.3	-44.1	-20.0	48.5	204.4
214.4	195.0	203.2	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214.4
221.9	202.5	210.1	0.0	1.0	0.875	54.4	-36.7	-33.0	49.4	221.9
235.1	210.0	216.9	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235.1
237.9	217.5	223.8	0.0	0.875	1.0	53.1	-27.9	-44.7	52.7	237.9
241.3	225.0	230.6	0.0	0.75	1.0	52.9	-25.9	-47.5	54.1	241.3
247.2	232.5	237.5	0.0	0.625	1.0	50.5	-20.8	-49.5	53.7	247.2
254.9	240.0	244.3	0.0	0.5	1.0	46.1	-13.3	-49.4	51.1	254.9
262.6	247.5	251.2	0.0	0.375	1.0	41.4	-6.3	-49.2	49.6	262.6
272.6	255.0	258.0	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272.6
281.4	262.5	264.8	0.0	0.125	1.0	35.0	9.4	-46.3	47.3	281.4
290.8	270.0	271.7	0.0	0.0	1.0	32.5	16.9	-44.6	47.7	290.8
299.2	277.5	278.8	0.125	0.0	1.0	31.6	23.6	-42.2	48.4	299.2
307.8	285.0	285.9	0.25	0.0	1.0	31.0	30.5	-39.3	49.8	307.8
317.5	292.5	293.0	0.375	0.0	1.0	34.2	38.2	-35.0	51.8	317.5
324.4	300.0	300.1	0.5	0.0	1.0	37.2	43.1	-30.8	53.0	324.4
330.6	307.5	307.2	0.625	0.0	1.0	39.1	48.4	-27.2	55.6	330.6
338.7	315.0	314.3	0.75	0.0	1.0	41.8	55.1	-21.4	59.1	338.7
343.9	322.5	321.4	0.875	0.0	1.0	45.6	60.1	-17.3	62.6	343.9
348.9	330.0	328.6	1.0	0.0	1.0	48.1	65.4	-12.7	66.6	348.9
350.7	337.5	335.7	1.0	0.0	0.875	49.5	66.1	-10.7	67.0	350.7
354.2	345.0	342.8	1.0	0.0	0.75	49.3	64.5	-6.5	64.8	354.2
361.9	352.5	349.9	1.0	0.0	0.625	48.0	61.8	2.1	61.8	361.9
370.0	360.0	357.0	1.0	0.0	0.5	47.8	58.9	10.4	59.9	370.0
378.9	367.5	364.1	1.0	0.0	0.375	47.4	56.8	19.5	60.0	378.9
386.2	375.0	371.2	1.0	0.0	0.25	47.5	55.9	27.5	62.3	386.2
391.3	382.5	378.3	1.0	0.0	0.125	47.6	56.3	34.2	65.9	391.3
393.4	390.0	385.4	1.0	0.0	0.0	47.5	57.2	37.8	68.6	393.4

0-113830-L0 QG090-73 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

TUB-Prüfvorlage QG09; Bunttoncode: $H^*_e=R25Y_e$
48-stufige Farbkreise; $rgb-LabCh^*$ -Tabellen

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

Ausgabe: Laserdrucker-Ausgabe; Separation cmykn6*, D65, Seite 9/33

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker-Ausgabe; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBM _s : $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;																
Sechs Bunttonwinkel der Gerätefarben RYGBM _d : $h_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Sechs Bunttonwinkel der Elementarfarben RYGBM _e : $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{ddx361Mi}$ (x=LabCh)		$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)		$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}	
33	30	25	1.0	0.0	0.0	47.5	57.2	37.8	68.6	33	R_d	1.0	0.0	0.0	0.0	
34	31	26	1.0	0.016	0.0	48.1	56.9	39.3	69.2	34		1.0	0.0	0.017	0.0	
35	32	27	1.0	0.033	0.0	48.7	56.6	40.8	69.8	35		1.0	0.0	0.033	0.0	
36	33	28	1.0	0.05	0.0	49.3	56.3	42.3	70.4	36		1.0	0.0	0.05	0.0	
38	34	29	1.0	0.066	0.0	49.9	55.9	43.9	71.1	38		1.0	0.0	0.067	0.0	
39	35	31	1.0	0.083	0.0	50.5	55.5	45.4	71.7	39		1.0	0.0	0.083	0.0	
40	36	32	1.0	0.1	0.0	51.0	55.0	46.9	72.3	40		1.0	0.0	0.1	0.0	
41	37	33	1.0	0.116	0.0	51.6	54.5	48.4	72.9	41		1.0	0.0	0.117	0.0	
42	38	34	1.0	0.133	0.0	52.3	53.4	49.7	73.0	42		1.0	0.0	0.133	0.0	
44	39	35	1.0	0.15	0.0	53.2	51.8	50.6	72.4	44		1.0	0.0	0.15	0.0	
45	40	36	1.0	0.166	0.0	54.0	50.2	51.5	71.9	45		1.0	0.0	0.167	0.0	
47	41	37	1.0	0.183	0.0	54.9	48.5	52.3	71.4	47		1.0	0.0	0.183	0.0	
48	42	38	1.0	0.2	0.0	55.7	46.8	53.1	70.8	48		1.0	0.0	0.2	0.0	
50	43	39	1.0	0.216	0.0	56.6	45.2	53.8	70.3	50		1.0	0.0	0.217	0.0	
51	44	41	1.0	0.233	0.0	57.4	43.5	54.5	69.7	51		1.0	0.0	0.233	0.0	
52	45	42	1.0	0.25	0.0	58.2	41.8	55.1	69.2	52		1.0	0.0	0.25	0.0	
54	46	43	1.0	0.266	0.0	59.1	40.2	56.0	69.0	54		1.0	0.0	0.267	0.0	
55	47	44	1.0	0.283	0.0	59.9	38.6	56.8	68.7	55		1.0	0.0	0.283	0.0	
57	48	45	1.0	0.3	0.0	60.8	37.1	57.5	68.5	57		1.0	0.0	0.3	0.0	
58	49	46	1.0	0.316	0.0	61.6	35.5	58.2	68.2	58		1.0	0.0	0.317	0.0	
60	50	47	1.0	0.333	0.0	62.5	33.9	58.9	68.0	60		1.0	0.0	0.333	0.0	
61	51	48	1.0	0.35	0.0	63.3	32.2	59.5	67.7	61		1.0	0.0	0.35	0.0	
63	52	49	1.0	0.366	0.0	64.2	30.6	60.1	67.5	63		1.0	0.0	0.367	0.0	
64	53	51	1.0	0.383	0.0	65.0	29.1	60.8	67.4	64		1.0	0.0	0.383	0.0	
65	54	52	1.0	0.4	0.0	65.8	27.8	61.7	67.7	65		1.0	0.0	0.4	0.0	
67	55	53	1.0	0.416	0.0	66.6	26.4	62.5	67.9	67		1.0	0.0	0.417	0.0	
68	56	54	1.0	0.433	0.0	67.3	25.0	63.3	68.1	68		1.0	0.0	0.433	0.0	
69	57	55	1.0	0.45	0.0	68.1	23.6	64.1	68.3	69		1.0	0.0	0.45	0.0	
71	58	56	1.0	0.466	0.0	68.9	22.1	64.8	68.5	71		1.0	0.0	0.467	0.0	
72	59	57	1.0	0.483	0.0	69.7	20.7	65.6	68.8	72		1.0	0.0	0.483	0.0	
73	60	58	1.0	0.5	0.0	70.5	19.2	66.2	69.0	73		1.0	0.0	0.5	0.0	
74	61	60	1.0	0.516	0.0	71.0	18.2	66.9	69.3	74		1.0	0.0	0.517	0.0	
75	62	61	1.0	0.533	0.0	71.6	17.2	67.5	69.7	75		1.0	0.0	0.533	0.0	
76	63	62	1.0	0.55	0.0	72.2	16.2	68.1	70.0	76		1.0	0.0	0.55	0.0	
77	64	63	1.0	0.566	0.0	72.8	15.1	68.7	70.4	77		1.0	0.0	0.567	0.0	
78	65	64	1.0	0.583	0.0	73.4	14.1	69.3	70.7	78		1.0	0.0	0.583	0.0	
79	66	65	1.0	0.6	0.0	74.0	13.0	69.9	71.1	79		1.0	0.0	0.6	0.0	
80	67	66	1.0	0.616	0.0	74.6	12.0	70.4	71.4	80		1.0	0.0	0.617	0.0	
81	68	67	1.0	0.633	0.0	75.4	10.6	71.2	72.0	81		1.0	0.0	0.633	0.0	
82	69	68	1.0	0.65	0.0	76.5	8.9	72.1	72.7	82		1.0	0.0	0.65	0.0	
84	70	70	1.0	0.666	0.0	77.5	7.2	73.0	73.4	84		1.0	0.0	0.667	0.0	
85	71	71	1.0	0.683	0.0	78.6	5.4	73.9	74.1	85		1.0	0.0	0.683	0.0	
87	72	72	1.0	0.7	0.0	79.7	3.6	74.7	74.8	87		1.0	0.0	0.7	0.0	
88	73	73	1.0	0.716	0.0	80.8	1.7	75.5	75.5	88		1.0	0.0	0.717	0.0	
-269	74	74	1.0	0.733	0.0	81.8	-0.1	76.3	76.3	-269	R_d	1.0	0.0	0.733	0.0	
-268	75	75	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	-268		1.0	0.0	0.75	0.0	

0-113930-L0 QG090-73 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

Ausgabe: Laserdrucker-Ausgabe; Separation cmyn6*, D65, Seite 10/33

TUB-Prüfvorlage QG09; Bunttoncode: $H^*_e=R25Y_e$
48-stufige Farbkreise; $rgb-LabCh^*$ -Tabellen

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

Daten der Maximalfarbe M im Farbmimetrik-System Laserdrucker-Ausgabe; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben $RYGCB_M$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

Sechs Buntonwinkel der Gerätefarben $RYGCBM_d$: $h_{ab,d}$ = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Sechs Buntonwinkel der Elementarfarben $RYGCBM_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

r_{ab}^*	$n_{ab,s}$	$n_{ab,c}$	r_{gb}^*	$dd361M$	LAB^*	$dxd361Mi$	$(x=LabCh)$	r_{gb}^*	$ds361Mi$	LAB^*	$dsx361Mi$	$(x=LabCh)$	r_{gb}^*	$dd361Mi$	LAB^*	$dex361Mi$	$(x=LabCh)$	r_{gb}^*	$dd361Mi$	LAB^*	$ds361Mi$	$(x=LabCh)$	r_{gb}^*	$dd361Mi$	LAB^*	$ds361Mi$	$(x=LabCh)$	r_{gb}^*	$dd361Mi$	LAB^*	$ds361Mi$	$(x=LabCh)$			
-268	75	75	1.0	0.75	0.0	82.9	-2.0	76.9	77.0	-268	R_d	1.0	0.521 0.0	71.3	18.0	67.1	69.5	75	1.0	0.75	0.0	1.0	0.532 0.0	71.6	17.3	67.5	69.7	75	1.0	0.75	0.0				
92	76	76	1.0	0.766 0.0	83.5	-2.9	76.8	76.9	92			1.0	0.539 0.0	71.9	16.9	67.8	69.8	76	1.0	0.767 0.0	1.0	0.552 0.0	72.3	16.1	68.2	70.1	76	1.0	0.767 0.0						
92	77	77	1.0	0.783 0.0	84.2	-3.9	76.7	76.8	92			1.0	0.557 0.0	72.5	15.8	68.4	70.2	77	1.0	0.783 0.0	1.0	0.572 0.0	73.0	14.9	69.0	70.5	77	1.0	0.783 0.0						
93	78	78	1.0	0.8	0.0	84.8	-4.8	76.5	76.7	93		1.0	0.575 0.0	73.1	14.7	69.1	70.6	78	1.0	0.8	0.0	1.0	0.592 0.0	73.7	13.6	69.7	71.0	78	1.0	0.8	0.0				
94	79	80	1.0	0.816 0.0	85.4	-5.8	76.4	76.6	94			1.0	0.593 0.0	73.8	13.5	69.7	71.0	79	1.0	0.817 0.0	1.0	0.612 0.0	74.4	12.3	70.3	71.4	80	1.0	0.817 0.0						
95	80	81	1.0	0.833 0.0	86.0	-6.7	76.2	76.5	95			1.0	0.611 0.0	74.4	12.4	70.3	71.4	80	1.0	0.833 0.0	1.0	0.629 0.0	75.2	11.0	71.0	71.9	81	1.0	0.833 0.0						
95	81	82	1.0	0.85	0.0	86.6	-7.6	76.0	76.4	95		1.0	0.627 0.0	75.1	11.2	70.9	71.8	81	1.0	0.85	0.0	1.0	0.642 0.0	76.0	9.7	71.8	72.4	82	1.0	0.85	0.0				
96	82	83	1.0	0.866 0.0	87.3	-8.6	75.8	76.3	96			1.0	0.639 0.0	75.8	10.1	71.6	72.3	82	1.0	0.867 0.0	1.0	0.655 0.0	76.9	8.4	72.5	73.0	83	1.0	0.867 0.0						
97	83	84	1.0	0.883 0.0	87.8	-9.4	76.3	76.9	97			1.0	0.651 0.0	76.6	8.9	72.2	72.8	83	1.0	0.883 0.0	1.0	0.668 0.0	77.7	7.0	73.2	73.5	84	1.0	0.883 0.0						
97	84	85	1.0	0.9	0.0	88.4	-10.3	77.6	78.2	97		1.0	0.662 0.0	77.3	7.7	72.9	73.3	84	1.0	0.9	0.0	1.0	0.681 0.0	78.5	5.6	73.9	74.1	85	1.0	0.9	0.0				
98	85	86	1.0	0.916 0.0	88.9	-11.2	78.8	79.6	98			1.0	0.674 0.0	78.1	6.4	73.5	73.8	85	1.0	0.917 0.0	1.0	0.694 0.0	79.4	4.2	74.5	74.6	86	1.0	0.917 0.0						
98	86	87	1.0	0.933 0.0	89.4	-12.0	80.0	80.9	98			1.0	0.686 0.0	78.8	5.2	74.1	74.3	86	1.0	0.933 0.0	1.0	0.707 0.0	80.2	2.8	75.1	75.2	87	1.0	0.933 0.0						
99	87	88	1.0	0.95	0.0	89.9	-12.9	81.1	82.2	99		1.0	0.697 0.0	79.6	3.9	74.7	74.8	87	1.0	0.95	0.0	1.0	0.72												

0-1131030-L0	QG090-73	LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0
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Ausgabe: Laserdrucker-Ausgabe; Separation cmyn6*, D65, Seite 11/38

TUB-Prüfvorlage QG09; Bunttoncode: H*e=R25Ye
48-stufige Farbkreise; *rgb-LabCh**-Tabellen

Eingabe: $rgb/cmyk \rightarrow rgb_{def}$

Ausgabe: 3D-Linearisierung $cmyk^*_{de}$

TUB-Registrierung: 20130201-QG09/QG09LOFP.PDF /.PS TUB-Material: Code=rha4ta
+ Anwendung für Messung von Laserdrucker-Ausgabe, Separation cmyk6* (CMYK)

TUB-Material: Code=rha4ta

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker-Ausgabe; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBM; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Sechs Bunttonwinkel der Gerätefarben RYGBM; $d_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Sechs Bunttonwinkel der Elementarfarben RYGBM; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																	
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{ddx361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$
127	120	127	0.5	1.0	0.0	70.9	-41.7	54.8	68.9	127	0.5	1.0	0.0	70.9	-41.7	54.8	68.9
128	121	128	0.483	1.0	0.0	70.4	-42.6	53.9	68.7	128	0.483	1.0	0.0	70.4	-42.6	53.9	68.7
129	122	129	0.466	1.0	0.0	69.8	-43.4	53.0	68.5	129	0.466	1.0	0.0	69.8	-43.4	53.0	68.5
130	123	130	0.45	1.0	0.0	69.2	-44.2	52.1	68.3	130	0.45	1.0	0.0	69.2	-44.2	52.1	68.3
131	124	131	0.433	1.0	0.0	68.6	-45.0	51.2	68.2	131	0.433	1.0	0.0	68.6	-45.0	51.2	68.2
132	125	132	0.416	1.0	0.0	68.0	-45.7	50.3	68.0	132	0.416	1.0	0.0	68.0	-45.7	50.3	68.0
133	126	133	0.4	1.0	0.0	67.4	-46.5	49.4	67.8	133	0.4	1.0	0.0	67.4	-46.5	49.4	67.8
134	127	134	0.383	1.0	0.0	66.8	-47.2	48.5	67.7	134	0.383	1.0	0.0	66.8	-47.2	48.5	67.7
135	128	135	0.366	1.0	0.0	66.1	-48.2	47.5	67.7	135	0.366	1.0	0.0	66.1	-48.2	47.5	67.7
136	129	136	0.35	1.0	0.0	65.4	-49.5	46.6	68.1	136	0.35	1.0	0.0	65.4	-49.5	46.6	68.1
138	130	138	0.333	1.0	0.0	64.6	-50.9	45.7	68.4	138	0.333	1.0	0.0	64.6	-50.9	45.7	68.4
139	131	140	0.316	1.0	0.0	63.8	-52.2	44.7	68.7	139	0.316	1.0	0.0	63.8	-52.2	44.7	68.7
140	132	141	0.3	1.0	0.0	63.0	-53.5	43.7	69.1	140	0.3	1.0	0.0	63.0	-53.5	43.7	69.1
142	133	142	0.283	1.0	0.0	62.2	-54.7	42.6	69.4	142	0.283	1.0	0.0	62.2	-54.7	42.6	69.4
143	134	143	0.266	1.0	0.0	61.4	-56.0	41.5	69.7	143	0.266	1.0	0.0	61.4	-56.0	41.5	69.7
144	135	144	0.25	1.0	0.0	60.6	-57.2	40.4	70.1	144	0.25	1.0	0.0	60.6	-57.2	40.4	70.1
145	136	145	0.233	1.0	0.0	60.1	-57.9	39.6	70.2	145	0.233	1.0	0.0	60.1	-57.9	39.6	70.2
146	137	147	0.216	1.0	0.0	59.6	-58.6	38.9	70.3	146	0.216	1.0	0.0	59.6	-58.6	38.9	70.3
147	138	148	0.2	1.0	0.0	59.1	-59.3	38.1	70.5	147	0.2	1.0	0.0	59.1	-59.3	38.1	70.5
148	139	149	0.183	1.0	0.0	58.7	-59.9	37.3	70.6	148	0.183	1.0	0.0	58.7	-59.9	37.3	70.6
148	140	150	0.166	1.0	0.0	58.2	-60.6	36.4	70.7	148	0.166	1.0	0.0	58.2	-60.6	36.4	70.7
149	141	151	0.15	1.0	0.0	57.7	-61.2	35.6	70.9	149	0.15	1.0	0.0	57.7	-61.2	35.6	70.9
150	142	152	0.133	1.0	0.0	57.2	-61.9	34.8	71.0	150	0.133	1.0	0.0	57.2	-61.9	34.8	71.0
151	143	154	0.116	1.0	0.0	56.8	-62.5	34.1	71.3	151	0.116	1.0	0.0	56.8	-62.5	34.1	71.3
151	144	155	0.1	1.0	0.0	56.4	-63.3	33.7	71.7	151	0.1	1.0	0.0	56.4	-63.3	33.7	71.7
152	145	156	0.083	1.0	0.0	56.1	-64.0	33.2	72.1	152	0.083	1.0	0.0	56.1	-64.0	33.2	72.1
153	146	157	0.066	1.0	0.0	55.7	-64.7	32.8	72.6	153	0.066	1.0	0.0	55.7	-64.7	32.8	72.6
153	147	158	0.049	1.0	0.0	55.4	-65.5	32.3	73.0	153	0.049	1.0	0.0	55.4	-65.5	32.3	73.0
154	148	159	0.033	1.0	0.0	55.0	-66.2	31.8	73.5	154	0.033	1.0	0.0	55.0	-66.2	31.8	73.5
154	149	161	0.016	1.0	0.0	54.7	-66.9	31.3	73.9	154	0.016	1.0	0.0	54.7	-66.9	31.3	73.9
155	150	162	0.0	1.0	0.0	54.3	-67.6	30.8	74.3	155	0.0	1.0	0.0	54.3	-67.6	30.8	74.3
156	151	163	0.0	1.0	0.016	54.2	-67.5	29.7	73.8	156	0.0	1.0	0.017	54.2	-67.5	29.7	73.8
156	152	164	0.0	1.0	0.033	54.2	-67.4	28.6	73.2	156	0.0	1.0	0.033	54.2	-67.4	28.6	73.2
157	153	164	0.0	1.0	0.05	54.1	-67.2	27.6	72.7	157	0.0	1.0	0.05	54.1	-67.2	27.6	72.7
158	154	165	0.0	1.0	0.066	54.0	-67.1	26.6	72.1	158	0.0	1.0	0.067	54.0	-67.1	26.6	72.1
159	155	166	0.0	1.0	0.083	53.9	-66.9	25.5	71.6	159	0.0	1.0	0.083	53.9	-66.9	25.5	71.6
159	156	167	0.0	1.0	0.1	53.9	-66.7	24.5	71.1	159	0.0	1.0	0.1	53.9	-66.7	24.5	71.1
160	157	168	0.0	1.0	0.116	53.8	-66.5	23.5	70.5	160	0.0	1.0	0.117	53.8	-66.5	23.5	70.5
161	158	169	0.0	1.0	0.133	53.8	-66.2	22.3	69.9	161	0.0	1.0	0.133	53.8	-66.2	22.3	69.9
162	159	170	0.0	1.0	0.15	53.8	-65.8	20.8	69.1	162	0.0	1.0	0.15	53.8	-65.8	20.8	69.1
163	160	171	0.0	1.0	0.166	53.8	-65.5	19.4	68.3	163	0.0	1.0	0.167	53.8	-65.5	19.4	68.3
164	161	172	0.0	1.0	0.183	53.8	-65.0	18.1	67.5	164	0.0	1.0	0.183	53.8	-65.0	18.1	67.5
165	162	173	0.0	1.0	0.2	53.8	-64.6	16.7	66.7	165	0.0	1.0	0.2	53.8	-64.6	16.7	66.7
166	163	174	0.0	1.0	0.216	53.7	-64.1	15.4	66.0	166	0.0	1.0	0.217	53.7	-64.1	15.4	66.0
167	164	175	0.0	1.0	0.233	53.7	-63.6	14.1	65.2	167	0.0	1.0	0.233	53.7	-63.6	14.1	65.2
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	0.0	1.0	0.25	53.7	-63.1	12.8	64.4

0-1131130-L0 QG090-73 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nmw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

TUB-Prüfvorlage QG09; Bunttoncode: $H^*_e=R25Y_e$
48-stufige Farbkreise; $rgb-LabCh^*$ -Tabellen

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

Ausgabe: Laserdrucker-Ausgabe; Separation cmyn6*, D65, Seite 12/33

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker-Ausgabe; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBCMs: h _{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;																		
Sechs Bunttonwinkel der Gerätefarben RYGBCMg: h _{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Sechs Bunttonwinkel der Elementarfarben RYGBCMc: 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* dd361Mi	rgb* dd361Mi	rgb* dd361Mi	rgb* dd361Mi	rgb* dd361Mi	rgb* dd361Mi	rgb* dd361Mi	
168	165	175	0.0	1.0	0.25	53.7	-63.1	12.8	64.4	168	0.0	1.0	0.192	53.8	-64.7	17.4	67.1	165
170	166	176	0.0	1.0	0.266	53.9	-62.4	10.9	63.4	170	0.0	1.0	0.209	53.8	-64.3	16.1	66.4	166
171	167	177	0.0	1.0	0.283	54.0	-61.7	9.1	62.4	171	0.0	1.0	0.225	53.8	-63.8	14.8	65.6	167
173	168	178	0.0	1.0	0.3	54.1	-60.9	7.3	61.3	173	0.0	1.0	0.242	53.8	-63.3	13.5	64.8	168
174	169	179	0.0	1.0	0.316	54.3	-60.1	5.6	60.3	174	0.0	1.0	0.255	53.8	-62.8	12.2	64.1	169
176	170	180	0.0	1.0	0.333	54.4	-59.2	3.9	59.3	176	0.0	1.0	0.266	53.9	-62.4	11.0	63.5	170
177	171	181	0.0	1.0	0.35	54.5	-58.2	2.3	58.3	177	0.0	1.0	0.277	54.0	-61.9	9.8	62.8	171
179	172	182	0.0	1.0	0.366	54.7	-57.3	0.8	57.3	179	0.0	1.0	0.288	54.1	-61.4	8.6	62.1	172
180	173	183	0.0	1.0	0.383	54.7	-56.5	-0.6	56.5	180	0.0	1.0	0.299	54.2	-60.9	7.5	61.5	173
181	174	184	0.0	1.0	0.4	54.8	-55.8	-1.8	55.9	181	0.0	1.0	0.31	54.3	-60.4	6.4	60.8	174
183	175	185	0.0	1.0	0.416	54.8	-55.2	-3.1	55.2	183	0.0	1.0	0.321	54.3	-59.8	5.2	60.1	175
184	176	185	0.0	1.0	0.433	54.8	-54.5	-4.3	54.6	184	0.0	1.0	0.332	54.4	-59.2	4.1	59.5	176
185	177	186	0.0	1.0	0.45	54.9	-53.7	-5.5	54.0	185	0.0	1.0	0.343	54.5	-58.6	3.1	58.8	177
187	178	187	0.0	1.0	0.466	54.9	-53.0	-6.6	53.4	187	0.0	1.0	0.354	54.6	-58.0	2.0	58.1	178
188	179	188	0.0	1.0	0.483	55.0	-52.2	-7.8	52.8	188	0.0	1.0	0.365	54.7	-57.3	1.0	57.5	179
189	180	189	0.0	1.0	0.5	55.0	-51.4	-8.9	52.2	189	0.0	1.0	0.375	54.8	-56.7	0.0	56.8	180
191	181	190	0.0	1.0	0.516	55.0	-50.6	-10.5	51.7	191	0.0	1.0	0.388	54.8	-56.2	-0.9	56.3	181
193	182	191	0.0	1.0	0.533	55.1	-49.7	-12.1	51.2	193	0.0	1.0	0.401	54.8	-55.7	-1.8	55.9	182
195	183	192	0.0	1.0	0.55	55.1	-48.8	-13.7	50.7	195	0.0	1.0	0.414	54.9	-55.2	-2.8	55.4	183
197	184	193	0.0	1.0	0.566	55.2	-47.8	-15.2	50.2	197	0.0	1.0	0.426	54.9	-54.7	-3.7	54.9	184
199	185	194	0.0	1.0	0.583	55.2	-46.8	-16.6	49.7	199	0.0	1.0	0.439	54.9	-54.2	-4.6	54.5	185
201	186	195	0.0	1.0	0.6	55.2	-45.8	-18.0	49.2	201	0.0	1.0	0.452	54.9	-53.6	-5.5	54.0	186
203	187	195	0.0	1.0	0.616	55.3	-44.7	-19.4	48.7	203	0.0	1.0	0.464	55.0	-53.0	-6.4	53.5	187
205	188	196	0.0	1.0	0.633	55.3	-43.8	-20.5	48.4	205	0.0	1.0	0.477	55.0	-52.5	-7.3	53.1	188
206	189	197	0.0	1.0	0.65	55.3	-43.3	-21.5	48.3	206	0.0	1.0	0.49	55.0	-51.9	-8.1	52.6	189
207	190	198	0.0	1.0	0.666	55.3	-42.7	-22.5	48.3	207	0.0	1.0	0.502	55.1	-51.3	-9.0	52.2	190
209	191	199	0.0	1.0	0.683	55.2	-42.1	-23.4	48.2	209	0.0	1.0	0.51	55.1	-50.9	-9.8	51.9	191
210	192	200	0.0	1.0	0.7	55.2	-41.5	-24.4	48.1	210	0.0	1.0	0.519	55.1	-50.5	-10.6	51.7	192
211	193	201	0.0	1.0	0.716	55.2	-40.8	-25.3	48.0	211	0.0	1.0	0.527	55.1	-50.0	-11.5	51.4	193
213	194	202	0.0	1.0	0.733	55.2	-40.2	-26.2	48.0	213	0.0	1.0	0.536	55.1	-49.6	-12.3	51.2	194
214	195	203	0.0	1.0	0.75	55.2	-39.5	-27.1	47.9	214	0.0	1.0	0.544	55.2	-49.1	-13.1	50.9	195
215	196	204	0.0	1.0	0.766	55.1	-39.2	-27.9	48.1	215	0.0	1.0	0.553	55.2	-48.6	-13.9	50.7	196
216	197	205	0.0	1.0	0.783	55.0	-38.8	-28.7	48.3	216	0.0	1.0	0.561	55.2	-48.1	-14.6	50.4	197
217	198	206	0.0	1.0	0.8	54.9	-38.5	-29.5	48.5	217	0.0	1.0	0.57	55.2	-47.6	-15.4	50.2	198
218	199	206	0.0	1.0	0.816	54.8	-38.1	-30.3	48.7	218	0.0	1.0	0.578	55.2	-47.1	-16.1	49.9	199
219	200	207	0.0	1.0	0.833	54.7	-37.7	-31.1	48.9	219	0.0	1.0	0.587	55.3	-46.6	-16.9	49.6	200
220	201	208	0.0	1.0	0.85	54.6	-37.3	-31.9	49.1	220	0.0	1.0	0.596	55.3	-46.0	-17.6	49.4	201
221	202	209	0.0	1.0	0.866	54.5	-36.9	-32.6	49.3	221	0.0	1.0	0.604	55.3	-45.5	-18.3	49.1	202
222	203	210	0.0	1.0	0.883	54.3	-36.4	-33.7	49.6	222	0.0	1.0	0.613	55.3	-44.9	-19.0	48.9	203
224	204	211	0.0	1.0	0.9	54.2	-35.6	-35.1	50.0	224	0.0	1.0	0.621	55.3	-44.3	-19.7	48.6	204
226	205	212	0.0	1.0	0.916	54.0	-34.8	-36.5	50.4	226	0.0	1.0	0.632	55.3	-43.8	-20.4	48.5	205
228	206	213	0.0	1.0	0.933	53.8	-33.9	-37.8	50.8	228	0.0	1.0	0.644	55.3	-43.4	-21.1	48.4	206
229	207	214	0.0	1.0	0.95	53.6	-33.0	-39.2	51.2	229	0.0	1.0	0.657	55.3	-43.0	-21.9	48.4	207
231	208	215	0.0	1.0	0.966	53.4	-32.0	-40.5	51.7	231	0.0	1.0	0.669	55.3	-42.6	-22.6	48.3	208
233	209	216	0.0	1.0	0.983	53.3	-31.0	-41.8	52.1	233	0.0	1.0	0.682	55.3	-42.1	-23.3	48.3	209
235	210	216	0.0	1.0	1.0	53.1	-30.0	-43.1	52.5	235	0.0	1.0	0.694	55.3	-41.6	-24.0	48.2	210

0-1131230-L0 QG090-73 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

TUB-Prüfvorlage QG09; Bunttoncode: $H^*_e=R25Y_e$
48-stufige Farbkreise; $rgb-LabCh^*$ -Tabellen

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

Ausgabe: Laserdrucker-Ausgabe; Separation cmyn6*, D65, Seite 13/33

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker-Ausgabe; Separation cmyrn6*; D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBM _d ; h _{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben RYGBM _d ; h _{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9; Sechs Bunttonwinkel der Elementarfarben RYGBM _e ; h _{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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0-1131330-L0 QG090-73 LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0

Ausgabe: Laserdrucker-Ausgabe; Separation cmyrn6*, D65, Seite 14/33

TUB-Prüfvorlage QG09; Bunttoncode: H*e=R25Ye
48-stufige Farbkreise; $rgb-LabCh^*$ -Tabellen

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

Daten der Maximalfarbe M im Farbmimetrik-System Laserdrucker-Ausgabe; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGBM*; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

ab.a.b *hab.s* *hab.e* *lrgb**dd361Mi *LAB**ddx361Mi (*x*=*abCh*) *lrgb**dd361Mi *LAB**sdx361Mi (*x*=*abCh*) *rrgb**dd361Mi *lrgb**de361Mi *LAB**dex361Mi (*x*=*L*,*abCh*) *rrgb**dd361Mi *rgb**dsd361Mi

272	255	258	0.0	0.25	1.0	36.8	2.2	-48.5	48.6	272	0.0	0.499	1.0	46.1	-13.1	-49.3	51.2	255	0.0	0.25	1.0	0.0	0.449	1.0	44.2	-10.4	-49.4	50.6	258	0.0	0.25	1.0			
273	256	258	0.0	0.233	1.0	36.6	3.2	-48.3	48.4	273	0.0	0.482	1.0	45.5	-12.2	-49.4	51.0	256	0.0	0.233	1.0	0.0	0.435	1.0	43.7	-9.5	-49.4	50.4	258	0.0	0.233	1.0			
274	257	259	0.0	0.216	1.0	36.4	4.1	-48.0	48.2	274	0.0	0.466	1.0	44.9	-11.3	-49.4	50.8	257	0.0	0.217	1.0	0.0	0.42	1.0	43.1	-8.7	-49.3	50.2	259	0.0	0.217	1.0			
276	258	260	0.0	0.2	1.0	36.1	5.1	-47.8	48.1	276	0.0	0.45	1.0	44.3	-10.4	-49.4	50.6	258	0.0	0.2	1.0	0.0	0.405	1.0	42.6	-7.9	-49.3	50.0	260	0.0	0.2	1.0			
277	259	261	0.0	0.183	1.0	35.9	6.1	-47.5	47.9	277	0.0	0.434	1.0	43.7	-9.5	-49.4	50.4	259	0.0	0.183	1.0	0.0	0.39	1.0	42.0	-7.1	-49.3	49.9	261	0.0	0.183	1.0			
278	260	262	0.0	0.166	1.0	35.6	7.0	-47.2	47.7	278	0.0	0.418	1.0	43.0	-8.6	-49.3	50.2	260	0.0	0.167	1.0	0.0	0.376	1.0	41.4	-6.3	-49.2	49.7	262	0.0	0.167	1.0			
279	261	263	0.0	0.15	1.0	35.4	8.0	-46.9	47.5	279	0.0	0.402	1.0	42.4	-7.7	-49.3	50.0	261	0.0	0.15	1.0	0.0	0.364	1.0	41.0	-5.5	-49.2	49.6	263	0.0	0.15	1.0			
280	262	264	0.0	0.133	1.0	35.2	8.9	-46.5	47.4	280	0.0	0.386	1.0	41.8	-6.8	-49.2	49.8	262	0.0	0.133	1.0	0.0	0.353	1.0	40.6	-4.7	-49.2	49.5	264	0.0	0.133	1.0			
282	263	265	0.0	0.116	1.0	34.9	9.9	-46.3	47.3	282	0.0	0.371	1.0	41.3	-6.0	-49.2	49.7	263	0.0	0.117	1.0	0.0	0.341	1.0	40.2	-3.9	-49.1	49.4	265	0.0	0.117	1.0			
283	264	266	0.0	0.1	1.0	34.5	10.9	-46.1	47.4	283	0.0	0.358	1.0	40.8	-5.1	-49.2	49.5	264	0.0	0.1	1.0	0.0	0.33	1.0	39.8	-3.1	-49.1	49.3	266	0.0	0.1	1.0			
284	265	267	0.0	0.083	1.0	34.2	11.9	-45.9	47.4	284	0.0	0.346	1.0	40.4	-4.2	-49.2	49.4	265	0.0	0.083	1.0	0.0	0.318	1.0	39.4	-2.3	-49.0	49.2	267	0.0	0.083	1.0			
285	266	268	0.0	0.066	1.0	33.9	12.9	-45.7	47.5	285	0.0	0.333	1.0	39.9	-3.3	-49.1	49.3	266	0.0	0.067	1.0	0.0	0.307	1.0	39.0	-1.5	-49.0	49.1	268	0.0	0.067	1.0			
287	267	269	0.0	0.049	1.0	33.5	13.9	-45.4	47.5	287	0.0	0.321	1.0	39.5	-2.5	-49.1	49.2	267	0.0	0.05	1.0	0.0	0.296	1.0	38.5	-0.8	-48.9	49.0	269	0.0	0.05	1.0			
288	268	269	0.0	0.033	1.0	33.2	14.9	-45.2	47.6	288	0.0	0.308	1.0	39.0	-1.6	-49.0	49.1	268	0.0	0.033	1.0	0.0	0.284	1.0	38.1	0.0	-48.8	48.9	269	0.0	0.033	1.0			
289	269	270	0.0	0.016	1.0	32.9	15.9	-44.9	47.6	289	0.0	0.296	1.0	38.5	-0.8	-48.9	49.0	269	0.0	0.017	1.0	0.0	0.273	1.0	37.7	0.7	-48.7	48.8	270	0.0	0.017	1.0			
290	270	271	0.0	0.0	1.0	32.5	16.9	-44.6	47.7	290	B_d 0.0	0.283	1.0	38.1	0.0	-48.8	48.9	$270B_s$ 0.0	0.0	1.0	0.0	0.261	1.0	37.3	1.5	-48.6	48.7	$271B_c$ 0.0	0.0	0.0	1.0				
291	271	272	0.016	0.0	1.0	32.4	17.8	-44.3	47.8	291	0.0	0.27	1.0	37.6	0.9	-48.7	48.8	271	0.017	0.0	1.0	0.0	0.249	1.0	36.9	2.3	-48.5	48.6	272	0.017	0.0	1.0			
293	272	273	0.033	0.0	1.0	32.3	18.7	-44.0	47.9	293	0.0	0.258	1.0	37.2	1.7	-48.6	48.7	272	0.033	0.0	1.0	0.0	0.236	1.0	36.7	3.1	-48.3	48.5	273	0.033	0.0	1.0			
294	273	274	0.05	0.0	1.0	32.1	19.6	-43.7	47.9	294	0.0	0.245	1.0	36.8	2.5	-48.4	48.6	273	0.05	0.0	1.0	0.0	0.222	1.0	36.5	3.9	-48.1	48.3	274	0.05	0.0	1.0			
295	274	275	0.066	0.0	1.0	32.0	20.5	-43.4	48.0	295	0.0	0.231	1.0	36.6	3.4	-48.2	48.4	274	0.067	0.0	1.0	0.0	0.209	1.0	36.3	4.6	-47.9	48.2	275	0.067	0.0	1.0			
296	275	276	0.083	0.0	1.0	31.9	21.4	-43.1	48.1	296	0.0	0.217	1.0	36.4	4.2	-48.0	48.3	275	0.083	0.0	1.0	0.0	0.196	1.0	36.1	5.4	-47.7	48.1	276	0.083	0.0	1.0			
297	276	277	0.1	0.0	1.0	31.8	22.3	-42.7	48.2	297	0.0	0.202	1.0	36.2	5.0	-47.8	48.1	276	0.1	0.0	1.0	0.0	0.182	1.0	35.9	6.2	-47.4	47.9	277	0.1	0.0	1.0			
298	277	278	0.116	0.0	1.0	31.6	23.1	-42.4	48.3	298	0.0	0.188	1.0	36.0	5.8	-47.5	48.0	277	0.117	0.0	1.0	0.0	0.169	1.0	35.7	7.0	-47.2	47.8	278	0.117	0.0	1.0			
299	278	279	0.133	0.0	1.0	31.5	24.1	-42.0	48.4	299	0.0	0.174	1.0	35.8	6.7	-47.3	47.8	278	0.133	0.0	1.0	0.0	0.155	1.0	35.5	7.7	-46.9	47.6	279	0.133	0.0	1.0			
300	279	280	0.15	0.0	1.0	31.4	25.0	-41.7	48.6	300	0.0	0.16	1.0	35.6	7.5	-47.0	47.7	279	0.15	0.0	1.0	0.0	0.142	1.0	35.3	8.5	-46.6	47.5	280	0.15	0.0	1.0			
302	280	281	0.166	0.0	1.0	31.4	25.9	-41.4	48.8	302	0.0	0.146	1.0	35.4	8.3	-46.7	47.5	280	0.167	0.0	1.0	0.0	0.129	1.0	35.1	9.2	-46.4	47.4	281	0.167	0.0	1.0			
303	281	282	0.183	0.0	1.0	31.3	26.8	-41.0	49.0	303	0.0	0.132	1.0	35.2	9.0	-46.4	47.4	281	0.183	0.0	1.0	0.0	0.116	1.0	34.9	10.0	-46.2	47.4	282	0.183	0.0	1.0			
304	282	283	0.2	0.0	1.0	31.2	27.8	-40.6	49.2	304	0.0	0.118	1.0	34.9	9.8	-46.2	47.4	282	0.2	0.0	1.0	0.0	0.103	1.0	34.6	10.8	-46.1	47.4	283	0.2	0.0	1.0			
305	283	284	0.216	0.0	1.0	31.1	28.7	-40.2	49.4	305	0.0	0.104	1.0	34.7	10.7	-46.1	47.4	283	0.217	0.0	1.0	0.0	0.09	1.0	34.4	11.5	-45.9	47.4	284	0.217	0.0	1.0			
306	284	285	0.233	0.0	1.0	31.1	29.6	-39.8	49.6	306	0.0	0.091	1.0	34.4	11.5	-45.9	47.4	284	0.233	0.0	1.0	0.0	0.078	1.0	34.1	12.3	-45.8	47.5	285	0.233	0.0	1.0			
307	285	285	0.25	0.0	1.0	31.0	30.5	-39.3	49.8	307	0.0	0.078	1.0	34.1	12.3	-45.8	47.5	285	0.25	0.0	1.0	0.0	0.065	1.0	33.9	13.1	-45.6	47.5	285	0.25	0.0	1.0			
309	286	286	0.266	0.0	1.0	31.4	31.6	-38.8	50.1	309	0.0	0.064	1.0	33.9	13.1	-45.6	47.5	286	0.267	0.0	1.0	0.0	0.052	1.0	33.6	13.8	-45.4	47.6	286	0.267	0.0	1.0			
310	287	287	0.283	0.0	1.0	31.8	32.6	-38.3	50.3	310	0.0	0.051	1.0	33.6	13.9	-45.4	47.6	287	0.283	0.0	1.0	0.0	0.04	1.0	33.4	14.6	-45.2	47.6	287	0.283	0.0	1.0			
311	288	288	0.3	0.0	1.0	32.3	33.6	-37.8	50.6	311	0.0	0.038	1.0	33.3	14.7	-45.2	47.6	288	0.3	0.0	1.0	0.0	0.027	1.0	33.1	15.4	-45.0	47.6	288	0.3	0.0	1.0			
312	289	289	0.316	0.0	1.0	32.7	34.7	-37.2	50.9	312	0.0	0.024	1.0	33.1	15.5	-44.9	47.6	289	0.317	0.0	1.0	0.0	0.014	1.0	32.9	16.1	-44.8	47.7	289	0.317	0.0	1.0			
314	290	290	0.333	0.0	1.0	33.1	35.7	-36.6	51.2	314	0.0	0.011	1.0	32.8	16.3	-44.7	47.7	290	0.333	0.0	1.0	0.0	0.001	1.0	32.6	16.9	-44.5	47.7	290	0.333	0.0	1.0			
315	291	291	0.35	0.0	1.0	33.6	36.7	-36.0	51.4	315	0.003	0.0	1.0	32.5	17.1	-44.5	47.7	291	0.35	0.0	1.0	0.012	0.0	1.0	32.5	17.6	-44.3	47.8	291	0.35	0.0	1.0			
316	292	292	0.366	0.0	1.0	34.0	37.7	-35.3	51.7	316	0.018	0.0	1.0	32.4	17.9	-44.2	47.8	292	0.367	0.0	1.0	0.026	0.0	1.0	32.4	18.4	-44.1	47.9	292	0.367	0.0	1.0			
317	293	293	0.383	0.0	1.0	34.4	38.5	-34.7	51.9	317	0.033	0.0	1.0	32.3	18.7	-44.0	47.9	293	0.383	0.0	1.0	0.041	0.0	1.0	32.3	19.1	-43.9	47.9	293	0.383	0.0	1.0			
318	294	294	0.4	0.0	1.0	34.8	39.2	-34.2	52.1	318	0.047	0.0	1.0	32.2	19.5	-43.7	48.0	294	0.4	0.0	1.0	0.055	0.0	1.0	32.1	19.9	-43.6	48.0	294	0.4	0.0	1.0			
319	295	295	0.416	0.0	1.0	35.2	39.9	-33.7	52.2	319	0.062	0.0	1.0	32.1	20.3	-43.5	48.1	295	0.417	0.0	1.0	0.069	0.0	1.0	32.0	20.7	-43.3	48.1	295	0.417	0.0	1.0			
320	296	296	0.433	0.0	1.0	35.6	40.5	-33.1	52.4	320	0.077																								

0-1131430-L0	QG090-73	LAB*la0, YN=0%, XYZnw=3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB*nw=23.9, 0.0, 0.0, 95.8, 0.0, 0.0
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Ausgabe: Laserdrucker-Ausgabe; Separation cmyn6*, D65, Seite 15/38

TUB-Prüfvorlage QG09; Bunttoncode: H_e*=R25Y_e
48-stufige Farbkreise; *rgb-LabCh**-Tabellen

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

TUB-Registrierung: 20130201-QG09/QG09L0FP.PDF /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, Separation cmyk6* (CMYK)

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker-Ausgabe; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBCM; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Sechs Bunttonwinkel der Gerätefarben RYGBCM; $d_{ab,d} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Sechs Bunttonwinkel der Elementarfarben RYGBCM; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																						
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{ddx361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$dex361Mi (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$dex361Mi (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$dex361Mi (x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}																			
324	300	300	0.5	0.0	1.0	37.2	43.1	-30.8	53.0	324	0.136	0.0	1.0	31.6	24.3	-41.9	48.5	300	0.5	0.0	1.0	0.139	0.0	1.0	31.5	24.4	-41.9	48.6	300	0.5	0.0	1.0						
325	301	301	0.516	0.0	1.0	37.4	43.8	-30.4	53.4	325	0.151	0.0	1.0	31.5	25.1	-41.6	48.7	301	0.517	0.0	1.0	0.153	0.0	1.0	31.5	25.2	-41.6	48.7	301	0.517	0.0	1.0						
326	302	302	0.533	0.0	1.0	37.7	44.5	-29.9	53.7	326	0.165	0.0	1.0	31.4	25.9	-41.3	48.9	302	0.533	0.0	1.0	0.166	0.0	1.0	31.4	26.0	-41.3	48.9	302	0.533	0.0	1.0						
326	303	303	0.55	0.0	1.0	37.9	45.3	-29.5	54.0	326	0.18	0.0	1.0	31.4	26.7	-41.0	49.0	303	0.55	0.0	1.0	0.18	0.0	1.0	31.4	26.7	-41.0	49.0	303	0.55	0.0	1.0						
327	304	303	0.566	0.0	1.0	38.2	46.0	-29.0	54.4	327	0.194	0.0	1.0	31.3	27.5	-40.7	49.2	304	0.567	0.0	1.0	0.194	0.0	1.0	31.3	27.5	-40.7	49.2	303	0.567	0.0	1.0						
328	305	304	0.583	0.0	1.0	38.4	46.7	-28.5	54.7	328	0.209	0.0	1.0	31.2	28.3	-40.3	49.4	305	0.583	0.0	1.0	0.208	0.0	1.0	31.2	28.3	-40.4	49.4	304	0.583	0.0	1.0						
329	306	305	0.6	0.0	1.0	38.7	47.4	-28.0	55.1	329	0.224	0.0	1.0	31.1	29.1	-40.0	49.5	306	0.6	0.0	1.0	0.222	0.0	1.0	31.2	29.0	-40.0	49.5	305	0.6	0.0	1.0						
330	307	306	0.616	0.0	1.0	38.9	48.1	-27.5	55.4	330	0.238	0.0	1.0	31.1	29.9	-39.6	49.7	307	0.617	0.0	1.0	0.235	0.0	1.0	31.1	29.8	-39.7	49.7	306	0.617	0.0	1.0						
331	308	307	0.633	0.0	1.0	39.2	48.9	-26.9	55.8	331	0.252	0.0	1.0	31.1	30.7	-39.2	49.9	308	0.633	0.0	1.0	0.249	0.0	1.0	31.0	30.5	-39.3	49.8	307	0.633	0.0	1.0						
332	309	308	0.65	0.0	1.0	39.6	49.8	-26.2	56.3	332	0.265	0.0	1.0	31.4	31.5	-38.8	50.1	309	0.65	0.0	1.0	0.261	0.0	1.0	31.3	31.3	-39.0	50.0	308	0.65	0.0	1.0						
333	310	309	0.666	0.0	1.0	40.0	50.7	-25.4	56.8	333	0.278	0.0	1.0	31.8	32.3	-38.4	50.3	310	0.667	0.0	1.0	0.274	0.0	1.0	31.6	32.1	-38.6	50.2	309	0.667	0.0	1.0						
334	311	310	0.683	0.0	1.0	40.4	51.6	-24.7	57.2	334	0.291	0.0	1.0	32.1	33.1	-38.0	50.5	311	0.683	0.0	1.0	0.286	0.0	1.0	32.0	32.8	-38.2	50.4	310	0.683	0.0	1.0						
335	312	311	0.7	0.0	1.0	40.7	52.5	-23.9	57.7	335	0.304	0.0	1.0	32.4	33.9	-37.6	50.7	312	0.7	0.0	1.0	0.298	0.0	1.0	32.3	33.6	-37.8	50.6	311	0.7	0.0	1.0						
336	313	312	0.716	0.0	1.0	41.1	53.4	-23.1	58.2	336	0.317	0.0	1.0	32.8	34.7	-37.2	50.9	313	0.717	0.0	1.0	0.31	0.0	1.0	32.6	34.3	-37.4	50.8	312	0.717	0.0	1.0						
337	314	313	0.733	0.0	1.0	41.5	54.3	-22.3	58.7	337	0.33	0.0	1.0	33.1	35.5	-36.7	51.1	314	0.733	0.0	1.0	0.323	0.0	1.0	32.9	35.1	-37.0	51.0	313	0.733	0.0	1.0						
338	315	314	0.75	0.0	1.0	41.8	55.1	-21.4	59.1	338	0.343	0.0	1.0	33.4	36.3	-36.2	51.4	315	0.75	0.0	1.0	0.335	0.0	1.0	33.2	35.8	-36.5	51.2	314	0.75	0.0	1.0						
339	316	315	0.766	0.0	1.0	42.4	55.8	-20.9	59.6	339	0.356	0.0	1.0	33.8	37.1	-35.7	51.6	316	0.767	0.0	1.0	0.347	0.0	1.0	33.5	36.6	-36.0	51.4	315	0.767	0.0	1.0						
340	317	316	0.783	0.0	1.0	42.9	56.5	-20.4	60.1	340	0.368	0.0	1.0	34.1	37.9	-35.2	51.8	317	0.783	0.0	1.0	0.359	0.0	1.0	33.9	37.3	-35.6	51.6	316	0.783	0.0	1.0						
340	318	317	0.8	0.0	1.0	43.4	57.2	-19.8	60.5	340	0.384	0.0	1.0	34.5	38.6	-34.7	52.0	318	0.8	0.0	1.0	0.371	0.0	1.0	34.2	38.0	-35.1	51.8	317	0.8	0.0	1.0						
341	319	318	0.816	0.0	1.0	43.9	57.8	-19.3	61.0	341	0.402	0.0	1.0	34.9	39.3	-34.1	52.1	319	0.817	0.0	1.0	0.387	0.0	1.0	34.6	38.8	-34.6	52.0	318	0.817	0.0	1.0						
342	320	319	0.833	0.0	1.0	44.4	58.5	-18.7	61.4	342	0.42	0.0	1.0	35.3	40.1	-33.5	52.3	320	0.833	0.0	1.0	0.404	0.0	1.0	35.0	39.4	-34.0	52.2	319	0.833	0.0	1.0						
342	321	320	0.85	0.0	1.0	44.9	59.1	-18.2	61.9	342	0.438	0.0	1.0	35.8	40.8	-32.9	52.5	321	0.85	0.0	1.0	0.421	0.0	1.0	35.4	40.1	-33.5	52.3	320	0.85	0.0	1.0						
343	322	321	0.866	0.0	1.0	45.4	59.8	-17.6	62.3	343	0.456	0.0	1.0	36.2	41.5	-32.3	52.7	322	0.867	0.0	1.0	0.439	0.0	1.0	35.8	40.8	-32.9	52.5	321	0.867	0.0	1.0						
344	323	321	0.883	0.0	1.0	45.8	60.5	-17.0	62.8	344	0.474	0.0	1.0	36.6	42.2	-31.7	52.8	323	0.883	0.0	1.0	0.456	0.0	1.0	36.2	41.5	-32.3	52.6	321	0.883	0.0	1.0						
344	324	322	0.9	0.0	1.0	46.1	61.2	-16.4	63.4	344	0.492	0.0	1.0	37.1	42.9	-31.1	53.0	324	0.9	0.0	1.0	0.473	0.0	1.0	36.6	42.1	-31.7	52.8	322	0.9	0.0	1.0						
345	325	323	0.916	0.0	1.0	46.5	61.9	-15.9	63.9	345	0.512	0.0	1.0	37.4	43.7	-30.5	53.3	325	0.917	0.0	1.0	0.49	0.0	1.0	37.0	42.8	-31.1	53.0	323	0.917	0.0	1.0						
346	326	324	0.933	0.0	1.0	46.8	62.6	-15.3	64.5	346	0.532	0.0	1.0	37.7	44.5	-29.9	53.7	326	0.933	0.0	1.0	0.508	0.0	1.0	37.4	43.5	-30.6	53.2	324	0.933	0.0	1.0						
346	327	325	0.95	0.0	1.0	47.1	63.3	-14.6	65.0	346	0.552	0.0	1.0	38.0	45.4	-29.4	54.1	327	0.95	0.0	1.0	0.527	0.0	1.0	37.6	44.3	-30.1	53.6	325	0.95	0.0	1.0						
347	328	326	0.966	0.0	1.0	47.5	64.0	-14.0	65.5	347	0.572	0.0	1.0	38.3	46.2	-28.8	54.5	328	0.967	0.0	1.0	0.546	0.0	1.0	37.9	45.1	-29.5	54.0	326	0.967	0.0	1.0						
348	329	327	0.983	0.0	1.0	47.8	64.7	-13.4	66.1	348	0.592	0.0	1.0	38.6	47.1	-28.2	54.9	329	0.983	0.0	1.0	0.565	0.0	1.0	38.2	46.0	-29.0	54.4	327	0.983	0.0	1.0						
348	330	328	1.0	0.0	1.0	48.1	65.4	-12.7	66.6	348	0.612	0.0	1.0	38.9	47.9	-27.6	55.4	330	1.0	0.0	1.0	0.584	0.0	1.0	38.5	46.8	-28.4	54.8	328	1.0	0.0	1.0						
349	331	329	1.0	0.0	0.983	48.3	65.5	-12.5	66.7	349	0.631	0.0	1.0	39.2	48.8	-26.9	55.8	331	1.0	0.0	0.983	0.603	0.0	1.0	38.8	47.6	-27.9	55.2	329	1.0	0.0	0.983						
349	332	330	1.0	0.0	0.966	48.5	65.6	-12.2	66.7	349	0.646	0.0	1.0	39.6	49.6	-26.3	56.2	332	1.0	0.0	0.967	0.623	0.0	1.0	39.1	48.4	-27.3	55.6	330	1.0	0.0	0.967						
349	333	331	1.0	0.0	0.95	48.7	65.7	-11.9	66.8	349	0.662	0.0	1.0	39.9	50.5	-25.6	56.7	333	1.0	0.0	0.95	0.638	0.0	1.0	39.4	49.2	-26.7	56.0	331	1.0	0.0	0.95						
349	334	332	1.0	0.0	0.933	48.9	65.8	-11.7	66.8	349	0.677	0.0	1.0	40.3	51.3	-24.9	57.1	334	1.0	0.0	0.933	0.652	0.0	1.0	39.7	50.0	-26.0	56.4	332	1.0	0.0	0.933						
350	335	333	1.0	0.0	0.916	49.0	65.9	-11.4	66.9	350	0.692	0.0	1.0	40.6	52.1	-24.2	57.5	335	1.0	0.0	0.917	0.667	0.0	1.0	40.0	50.8	-25.4	56.8	333	1.0	0.0	0.917						
350	336	334	1.0	0.0																																		

Daten der Maximalfarbe M im Farbmimetrik-System Laserdrucker-Ausgabe; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben $RYGBM$; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

Sechs Bunttonwinkel der Gerätefarben *RYGBCM*: $\theta_{\text{hab,d}} = 33.5, 100.6, 155.5, 235.2, 290.8, 348.9$; Sechs Bunttonwinkel der Elementarfarben *RYGBCM*: $\theta_{\text{hab,e}} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

354 345 342				355 346 343				356 347 344				357 348 345				358 349 346				359 350 347				360 351 348				361 352 349				362 353 350				363 354 351				364 355 352				365 356 353				366 357 354				367 358 355				368 359 356				370 360 352				371 361 353				372 362 354				373 363 355				374 364 356				375 365 357				377 366 358				378 367 359				379 368 360				380 369 362				381 370 363				382 371 364				383 372 365				384 373 366				385 374 367				386 375 368				386 376 369				387 377 370				388 378 372				388 379 373				389 380 374				390 381 375				390 382 376				391 383 377				391 384 378				392 385 379				392 386 381				392 387 382				392 388 383				393 389 384				393 390 385			
1.0 0.0 0.75 49.3 64.5 -6.5 64.8 354				1.0 0.0 0.733 49.1 64.2 -5.3 64.4 355				1.0 0.0 0.716 48.9 63.9 -4.1 64.0 356				1.0 0.0 0.7 48.7 63.5 -2.9 63.6 357				1.0 0.0 0.683 48.6 63.2 -1.8 63.2 358				1.0 0.0 0.666 48.4 62.8 -0.6 62.8 359				1.0 0.0 0.65 48.2 62.4 0.4 62.4 360				1.0 0.0 0.633 48.0 62.0 1.5 62.0 361				1.0 0.0 0.616 47.9 61.6 2.7 61.7 362				1.0 0.0 0.6 47.9 61.3 3.8 61.4 363				1.0 0.0 0.583 47.9 60.9 4.9 61.1 364				1.0 0.0 0.566 47.9 60.6 6.0 60.9 365				1.0 0.0 0.55 47.8 60.2 7.1 60.6 366				1.0 0.0 0.533 47.8 59.8 8.2 60.4 367				1.0 0.0 0.516 47.8 59.4 9.3 60.1 368				1.0 0.0 0.5 47.8 58.9 10.4 59.9 370				1.0 0.0 0.483 47.7 58.7 11.6 59.9 371				1.0 0.0 0.466 47.7 58.5 12.8 59.9 372				1.0 0.0 0.45 47.6 58.3 14.0 59.9 373				1.0 0.0 0.433 47.5 58.0 15.2 60.0 374				1.0 0.0 0.416 47.5 57.7 16.5 60.0 375				1.0 0.0 0.4 47.4 57.3 17.7 60.0 377				1.0 0.0 0.383 47.4 57.0 18.9 60.0 378				1.0 0.0 0.366 47.4 56.8 20.0 60.2 379				1.0 0.0 0.35 47.4 56.7 21.1 60.5 380				1.0 0.0 0.333 47.4 56.6 22.1 60.8 381				1.0 0.0 0.316 47.4 56.5 23.2 61.1 382				1.0 0.0 0.3 47.5 56.4 24.3 61.4 383				1.0 0.0 0.283 47.5 56.2 25.4 61.7 384				1.0 0.0 0.266 47.5 56.1 26.5 62.0 385				1.0 0.0 0.25 47.5 55.9 27.5 62.3 386				1.0 0.0 0.233 47.5 56.0 28.4 62.8 386				1.0 0.0 0.216 47.6 56.1 29.3 63.3 387				1.0 0.0 0.2 47.6 56.1 30.2 63.8 388				1.0 0.0 0.183 47.6 56.2 31.1 64.2 388				1.0 0.0 0.166 47.6 56.3 32.0 64.7 389				1.0 0.0 0.15 47.6 56.3 32.9 65.2 390				1.0 0.0 0.133 47.6 56.3 33.8 65.7 390				1.0 0.0 0.116 47.6 56.4 34.5 66.1 391				1.0 0.0 0.1 47.6 56.5 34.9 66.5 391				1.0 0.0 0.083 47.6 56.6 35.4 66.8 392				1.0 0.0 0.066 47.6 56.7 35.9 67.2 392				1.0 0.0 0.049 47.6 56.9 36.4 67.5 392				1.0 0.0 0.033 47.6 57.0 36.8 67.9 392				1.0 0.0 0.016 47.6 57.1 37.3 68.2 393				1.0 0.0 0.0 47.5 57.2 37.8 68.6 393			
0.902 0.0 1.0 46.2 61.3 -16.3 63.5 345				0.926 0.0 1.0 46.7 62.4 -15.5 64.3 346				0.951 0.0 1.0 47.2 63.4 -14.5 65.1 347				0.976 0.0 1.0 47.7 64.5 -13.6 65.9 348				1.0 0.0 0.996 48.2 65.4 -12.6 66.7 349				1.0 0.0 0.927 49.0 65.9 -11.5 66.9 350				1.0 0.0 0.866 49.5 66.1 -10.4 66.9 351				1.0 0.0 0.83 49.5 65.6 -9.1 66.3 352				1.0 0.0 0.794 49.4 65.2 -7.9 65.6 353				1.0 0.0 0.757 49.3 64.7 -6.7 65.0 354				1.0 0.0 0.737 49.2 64.3 -5.5 64.6 355				1.0 0.0 0.721 49.0 64.0 -4.4 64.2 356				1.0 0.0 0.705 48.9 63.7 -3.2 63.8 357				1.0 0.0 0.689 48.7 63.4 -2.1 63.4 358				1.0 0.0 0.673 48.5 63.0 -1.0 63.0 359				1.0 0.0 0.657 48.3 62.6 0.0 62.6 360				1.0 0.0 0.641 48.2 62.2 1.1 62.2 361				1.0 0.0 0.625 48.0 61.8 2.2 61.8 362				1.0 0.0 0.609 48.0 61.5 3.2 61.6 363				1.0 0.0 0.594 48.0 61.2 4.3 61.4 364				1.0 0.0 0.578 47.9 60.9 5.3 61.1 365				1.0 0.0 0.562 47.9 60.5 6.4 60.9 366				1.0 0.0 0.547 47.9 60.2 7.4 60.6 367				1.0 0.0 0.531 47.9 59.8 8.4 60.4 368				1.0 0.0 0.516 47.8 59.4 9.4 60.2 369				1.0 0.0 0.5 47.8 59.0 10.4 59.9 370				1.0 0.0 0.486 47.8 58.8																																																																															

0-1131630-L0	QG090-73	LAB*la0, YN=0%, XYZ _{znw} =3.9, 4.1, 4.1, 84.7, 89.6, 93.9, LAB* _{nw} =23.9, 0.0, 0.0, 95.8, 0.0, 0.0
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Ausgabe: Laserdrucker-Ausgabe; Separation cmyn6*, D65, Seite 17/38

TUB-Prüfvorlage QG09; Bunttoncode: H_e*=R25Y_e
48-stufige Farbkreise; *rgb-LabCh**-Tabellen

Eingabe: $raq/cmyk \rightarrow raq_{de}$

Ausgabe: 3D-Linearisierung $cmyk^*_{de}$

TUB-Registrierung: 20130201-QG09/QG09L0FP.PDF /.PS TUB-Material: Code=rha4ta
- Anwendung für Messung von Laserdrucker-Ausgabe, Separation cmyk6* (CMYK)

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmantik/QG09/QG09.HTM>
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmantik>

n/f	HfC*File	rgb_*file	icr_*file	hsa_*file	rgb_*file	LabCh*File	cmykn*sep.de		hsa_*de	rgb_*de	LabCh*de	
0/648	R00Y_100_100de	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/657	R13Y_100_100de	0.125	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2/666	R25Y_100_100de	0.25	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3/675	R38Y_100_100de	0.375	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4/684	R50Y_100_100de	0.5	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5/693	R63Y_100_100de	0.625	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/702	R75Y_100_100de	0.75	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/711	R88Y_100_100de	0.875	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8/720	Y00C_100_100de	1.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9/639	Y13C_100_100de	0.875	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10/658	Y25C_100_100de	0.75	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11/477	Y38C_100_100de	0.625	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12/396	Y50C_100_100de	0.5	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13/315	Y63C_100_100de	0.375	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14/234	Y75C_100_100de	0.25	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15/153	Y88C_100_100de	0.125	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16/72	G00C_100_100de	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17/73	G13C_100_100de	0.125	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18/74	G25C_100_100de	0.25	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19/75	G38C_100_100de	0.375	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20/76	G50C_100_100de	0.5	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21/77	G63C_100_100de	0.625	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22/78	G75C_100_100de	0.75	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23/79	G88C_100_100de	0.875	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24/80	C00B_100_100de	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25/71	C13B_100_100de	0.125	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26/62	C25B_100_100de	0.25	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27/63	C38B_100_100de	0.375	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28/44	C50B_100_100de	0.5	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29/35	C63B_100_100de	0.625	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30/26	C75B_100_100de	0.75	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31/17	C88B_100_100de	0.875	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32/8	B00M_100_100de	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33/89	B13M_100_100de	0.125	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34/170	B25M_100_100de	0.25	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35/251	B38M_100_100de	0.375	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36/332	B50M_100_100de	0.5	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37/413	B63M_100_100de	0.625	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38/494	B75M_100_100de	0.75	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39/575	B88M_100_100de	0.875	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40/656	M00R_100_100de	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41/655	M13R_100_100de	1.0	0.0	0.875	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42/654	M25R_100_100de	1.0	0.0	0.75	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43/653	M38R_100_100de	1.0	0.0	0.625	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44/652	M50R_100_100de	1.0	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45/651	M63R_100_100de	1.0	0.0	0.375	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46/650	M75R_100_100de	1.0	0.0	0.25	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47/649	M88R_100_100de	1.0	0.0	0.125	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48/648	R00Y_100_100de	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49/0	NW_000de	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50/91	NW_013de	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51/182	NW_025de	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52/273	NW_0375de	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53/364	NW_050de	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54/455	NW_063de	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55/546	NW_075de	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56/637	NW_088de	0.875	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57/728	NW_100de	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

delta

http://130.149.60.45/~farbmatrik/QG09/QG09L0FP.PDF /.PS; 3D-Linearisierung
F: 3D-Linearisierung QG09/QG09LG30FP.DAT in Datei (F), Seite 22/33

TUB-Prüfvorlage QG09; Bunttoncode: H*_e=R25Y_e

Eingabe: *rgb/cmyk* → *rgb*_{de}
Ausgabe: 3D-Linearisierung *cmyk*^{*}_{de}

	HC* ^{Fide}	rgb* ^{Fide}	lcr* ^{Fide}	hsa* ^{Fide}	lch* ^{Fide}	cmr* ^{sep,Fide}	lan* ^{Fide}	rgb* ^{Fide}	lanCh* ^{Fide}	delta																	
162	ROXY.025.025 ^{Fide}	0.25	0.0	0.125	360	0.25	0.0	0.065	29.7	14.0	6.6	15.5	25.4	0.0	0.596	0.435	0.728	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4	
163	ROXY.025.025 ^{Fide}	0.25	0.125	390	0.25	0.0	0.006	30.2	16.3	-2.2	16.5	352.0	0.0	0.827	0.194	0.385	0.737	339	1.0	0.0	0.827	47.5	56.0	26.7	62.1	25.4	
164	ROXY.025.025 ^{Fide}	0.25	0.125	360	0.25	0.0	0.006	30.2	16.3	-2.2	16.5	352.0	0.0	0.827	0.194	0.385	0.737	339	1.0	0.0	0.827	47.5	56.0	26.7	62.1	25.4	
165	B3AR.025.037 ^{Fide}	0.25	0.0	0.125	311	0.107	0.0	0.146	0.0	0.0	0.0	0.0	0.0	0.585	0.0	0.285	0.0	305	1.0	0.0	0.585	0.0	0.285	0.0	305	1.0	
166	B3AR.025.037 ^{Fide}	0.25	0.375	0.187	311	0.107	0.0	0.375	26.8	12.3	-14.3	18.9	310.5	0.0	0.585	0.0	0.285	0.0	305	1.0	0.0	0.585	0.0	0.285	0.0	305	1.0
167	B3AR.050.050 ^{Fide}	0.25	0.0	0.5	0.25	0.006	0.0	0.25	27.6	12.2	-20.9	24.2	300.1	0.0	0.675	0.0	0.675	272	1.0	0.0	0.675	0.0	0.675	0.0	272	1.0	
168	B19R.062.062 ^{Fide}	0.25	0.0	0.625	0.312	293	0.025	0.0	0.625	29.1	11.9	-27.4	29.9	293.5	0.0	0.596	0.0	269	1.0	0.0	0.596	0.0	0.596	0.0	269	1.0	
169	B19R.062.062 ^{Fide}	0.25	0.75	0.375	289	0.0	0.01	0.75	30.6	12.0	-33.6	35.7	289.7	0.0	0.789	0.0	0.789	267	1.0	0.0	0.789	0.0	0.789	0.0	267	1.0	
170	B19R.062.062 ^{Fide}	0.25	0.0	0.045	0.437	286	0.0	0.045	0.875	33.2	-32.9	41.6	286.9	0.0	0.843	0.0	0.843	266	1.0	0.0	0.843	0.0	0.843	0.0	266	1.0	
171	B11R.100.100 ^{Fide}	0.25	0.0	1.0	0.5	284	0.0	0.077	1.0	34.1	12.2	-45.8	47.4	285.0	0.0	0.978	0.0	266	1.0	0.0	0.978	0.0	0.978	0.0	266	1.0	
172	ROXY.025.025 ^{Fide}	0.25	0.125	390	0.25	0.0	0.006	30.2	16.3	-2.2	16.5	352.0	0.0	0.827	0.194	0.385	0.737	339	1.0	0.0	0.827	0.194	0.385	0.737	339	1.0	
173	ROXY.025.025 ^{Fide}	0.25	0.125	390	0.25	0.125	0.187	390	0.25	0.125	0.157	35.8	7.0	3.3	7.7	25.4	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4	
174	B25R.037.037 ^{Fide}	0.25	0.125	390	0.25	0.125	0.187	390	0.25	0.125	0.157	35.8	7.0	3.3	7.7	25.4	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4	
175	B15R.050.037 ^{Fide}	0.25	0.125	390	0.25	0.125	0.187	390	0.25	0.125	0.157	35.8	7.0	3.3	7.7	25.4	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4	
176	B11R.062.050 ^{Fide}	0.25	0.125	390	0.25	0.125	0.187	390	0.25	0.125	0.157	35.8	7.0	3.3	7.7	25.4	0.0	375	1.0	0.0	0.263	47.5	56.0	26.7	62.1	25.4	
177	B09R.07.062 ^{Fide}	0.25	0.125	390	0.25	0.125	0.187	390	0.25	0.125	0.15																

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmatrik/QG09/QG09.HTM>
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmatrik>

TUB-Prüfvorlage QG09; Bunttoncode: H^{*}=R25Y_e

Eingabe: $rgb/cmyk \rightarrow rgb$
Ausgabe: 3D-Linearisierung $cmyk^*$ de

id	name	type	parent	children
1	Root	Root		2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829,

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmatrik/QG09/QG09.HTM>
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmatrik>

TUB-Prüfvorlage QG09; Bunttoncode: H*_e=R25Y_e

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

n	HIC* Fide	rgb_Fide	lcl_Fide	hsa_Fide	rgb_Fide	LadCh* Fide	LadCh* Fide	cmys*sepi_Fide	0.7	0.147	hsa_Nde	rgb_Nde	LadCh* Nde
567	R00Y_087_087_Ade	0.875	0.0	0.875	0.875	0.437	390	0.875	0.0	0.928	375	1.0	0.0
568	R36Y_087_087_Ade	0.875	0.0	0.875	0.875	0.437	382	0.875	0.0	0.927	366	1.0	0.0
569	R23Y_087_087_Ade	0.875	0.0	0.875	0.875	0.437	374	0.875	0.0	0.923	357	1.0	0.0
570	R00Y_087_087_Ade	0.875	0.0	0.875	0.875	0.437	365	0.875	0.0	0.905	347	1.0	0.0
571	B70R_087_087_Ade	0.875	0.0	0.875	0.875	0.437	355	0.875	0.0	0.905	339	1.0	0.0
572	B63R_087_087_Ade	0.875	0.0	0.875	0.875	0.437	346	0.875	0.0	0.904	323	1.0	0.0
573	B56R_087_087_Ade	0.875	0.0	0.875	0.875	0.437	338	0.875	0.0	0.918	313	1.0	0.0
574	B50R_087_087_Ade	0.875	0.0	0.875	0.875	0.437	330	0.875	0.0	0.921	305	1.0	0.0
575	B44R_100_100_Ade	0.875	0.0	1.0	1.0	0.5	323	0.875	0.0	0.921	297	1.0	0.0
576	R13Y_087_087_Ade	0.875	0.125	0.875	0.875	0.437	38	0.875	0.011	0.93	30	1.0	0.0012
577	R00Y_087_075_Ade	0.875	0.125	0.875	0.875	0.437	38	0.875	0.125	0.932	30	1.0	0.0012
578	R00Y_087_075_Ade	0.875	0.125	0.875	0.875	0.437	38	0.875	0.125	0.932	30	1.0	0.0012
579	R13Y_087_087_Ade	0.875	0.125	0.875	0.875	0.437	38	0.875	0.125	0.932	30	1.0	0.0012
580	R00Y_087_075_Ade	0.875	0.125	0.875	0.875	0.437	38	0.875	0.125	0.932	30	1.0	0.0012
581	R00Y_087_075_Ade	0.875	0.125	0.875	0.875	0.437	38	0.875	0.125	0.932	30	1.0	0.0012
582	B57R_087_075_Ade	0.875	0.125	0.875	0.875	0.437	38	0.875	0.125	0.932	30	1.0	0.0012
583	B50R_087_075_Ade	0.875	0.125	0.875	0.875	0.437	38	0.875	0.125	0.932	30	1.0	0.0012
584	B26Y_100_100_Ade	0.875	0.125	1.0	1.0	0.875	0.562	0.875	0.125	0.932	30	1.0	0.0012
585	R26Y_100_100_Ade	0.875	0.125	1.0	1.0	0.875	0.562	0.875	0.125	0.932	30	1.0	0.0012
586	R15Y_087_075_Ade	0.875	0.125	0.875	0.875	0.437	38	0.875	0.125	0.932	30	1.0	0.0012
587	R00Y_087_062_Ade	0.875	0.25	0.875	0.875	0.562	390	0.875	0.25	0.932	375	1.0	0.0028
588	R31Y_087_062_Ade	0.875	0.25	0.875	0.875	0.562	379	0.875	0.25	0.932	362	1.0	0.0028
589	R11Y_087_062_Ade	0.875	0.25	0.875	0.875	0.562	367	0.875	0.25	0.932	349	1.0	0.0028
590	B69R_087_062_Ade	0.875	0.25	0.875	0.875	0.562	353	0.875	0.25	0.932	335	1.0	0.0028
591	B59R_087_062_Ade	0.875	0.25	0.875	0.875	0.562	341	0.875	0.25	0.932	316	1.0	0.0028
592	B50R_087_062_Ade	0.875	0.25	0.875	0.875	0.562	330	0.875	0.25	0.932	305	1.0	0.0028
593	B42R_100_075_Ade	0.875	0.25	1.0	1.0	0.75	325	0.875	0.25	0.932	294	1.0	0.0028
594	R13Y_087_087_Ade	0.875	0.375	0.875	0.875	0.437	355	0.875	0.375	0.932	34	1.0	0.0028
595	R41Y_087_075_Ade	0.875	0.375	0.875	0.875	0.437	355	0.875	0.375	0.932	34	1.0	0.0028
596	R18Y_087_062_Ade	0.875	0.375	0.875	0.875	0.437	355	0.875	0.375	0.932	34	1.0	0.0028
597	R00Y_087_050_Ade	0.875	0.375	0.875	0.875	0.437	355	0.875	0.375	0.932	34	1.0	0.0028
598	R26Y_087_050_Ade	0.875	0.375	0.875	0.875	0.437	355	0.875	0.375	0.932	34	1.0	0.0028
599	R00Y_087_050_Ade	0.875	0.375	0.875	0.875	0.437	355	0.875	0.375	0.932	34	1.0	0.0028
600	B01R_100_050_Ade	0.875	0.375	0.875	0.875	0.437	355	0.875	0.375	0.932	34	1.0	0.0028
601	B01R_100_050_Ade	0.875	0.375	0.875	0.875	0.437	355	0.875	0.375	0.932	34	1.0	0.0028
602	B40R_100_062_Ade	0.875	0.375	0.875	0.875	0.437	355	0.875	0.375	0.932	34	1.0	0.0028
603	R58Y_087_087_Ade	0.875	0.5	0.875	0.875	0.437	65	0.875	0.336	0.101	52	1.0	0.384
604	R50Y_087_075_Ade	0.875	0.5	0.875	0.875	0.437	65	0.875	0.336	0.101	52	1.0	0.384
605	R38Y_087_062_Ade	0.875	0.5	0.875	0.875	0.437	65	0.875	0.336	0.101	52	1.0	0.384
606	R23Y_087_050_Ade	0.875	0.5	0.875	0.875	0.437	65	0.875	0.336	0.101	52	1.0	0.384
607	R00Y_087_037_Ade	0.875	0.5	0.875	0.875	0.437	65	0.875	0.336	0.101	52	1.0	0.384
608	R00Y_087_037_Ade	0.875	0.5	0.875	0.875	0.437	65	0.875	0.336	0.101	52	1.0	0.384
609	B65R_087_037_Ade	0.875	0.5	0.875	0.875	0.437	65	0.875	0.336	0.101	52	1.0	0.384
610	B50R_087_037_Ade	0.875	0.5	0.875	0.875	0.437	65	0.875	0.336	0.101	52	1.0	0.384
611	B38R_100_050_Ade	0.875	0.5	1.0	1.0	0.5	75	0.875	0.375	0.932	60	1.0	0.511
612	R37Y_087_087_Ade	0.875	0.625	0.875	0.875	0.437	74	0.875	0.447	0.101	60	1.0	0.511
613	R61Y_087_075_Ade	0.875	0.625	0.875	0.875	0.437	74	0.875	0.447	0.101	60	1.0	0.511
614	R61Y_087_062_Ade	0.875	0.625	0.875	0.875	0.437	74	0.875	0.447	0.101	60	1.0	0.511
615	R61Y_087_062_Ade	0.875	0.625	0.875	0.875	0.437	74	0.875	0.447	0.101	60	1.0	0.511
616	R50Y_087_050_Ade	0.875	0.625	0.875	0.875	0.437	74	0.875	0.447	0.101	60	1.0	0.511
617	R50Y_087_050_Ade	0.875	0.625	0.875	0.875	0.437	74	0.875	0.447	0.101	60	1.0	0.511
618	R31Y_087_037_Ade	0.875	0.625	0.875	0.875	0.437	74	0.875	0.447	0.101	60	1.0	0.511
619	R00Y_087_037_Ade	0.875	0.625	0.875	0.875	0.437	74	0.875	0.447	0.101	60	1.0	0.511
620	R00Y_087_025_Ade	0.875	0.625	0.875	0.875	0.437	74	0.875	0.447	0.101	60	1.0	0.511
621	R00Y_087_025_Ade	0.875	0.625	0.875	0.875	0.437	74	0.875	0.447	0.101	60	1.0	0.511
622	B34R_100_037_Ade	0.875	0.625	0.875	0.875	0.437	74	0.875	0.447	0.101	60	1.0	0.511
623	R65Y_087_087_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
624	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
625	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
626	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
627	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
628	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
629	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
630	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
631	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
632	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
633	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
634	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
635	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
636	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
637	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
638	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
639	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
640	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
641	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
642	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
643	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
644	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
645	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
646	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
647	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
648	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
649	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
650	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
651	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
652	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437	81	0.875	0.573	0.101	70	1.0	0.645
653	R65Y_087_075_Ade	0.875	0.75	0.875	0.875	0.437							

<http://130.149.60.45/~farbmetrik/QG09/QG09L0FP.PDF> /.PS; 3D-Linearisierung
F: 3D-Linearisierung QG09/QG09LG30FP.DAT in Datei (F), Seite 33/33

n	HC*File	rgb*File	lcr*File	hsa*File	LabCH*File	cmyn*sep*File	rgb*File	hsa*File	rgb*File	LabCH*File	delta
1053	NW_086de	0.866	0.866	0.866	86.1	0.0	0.0	0.0	0.0	95.8	0.0
1054	NW_093de	0.933	0.933	0.933	91.0	0.0	0.0	0.0	0.0	95.8	0.0
1055	NW_100de	1.0	1.0	1.0	95.8	0.0	0.0	0.0	0.0	95.8	0.0
1056	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1057	NW_006de	0.066	0.066	0.066	6.6	0.0	0.0	0.0	0.0	0.0	0.0
1058	NW_013de	0.133	0.133	0.133	13.3	0.0	0.0	0.0	0.0	0.0	0.0
1059	NW_020de	0.2	0.2	0.2	20.0	0.0	0.0	0.0	0.0	0.0	0.0
1060	NW_026de	0.266	0.266	0.266	26.6	0.0	0.0	0.0	0.0	0.0	0.0
1061	NW_033de	0.333	0.333	0.333	33.3	0.0	0.0	0.0	0.0	0.0	0.0
1062	NW_040de	0.4	0.4	0.4	40.0	0.0	0.0	0.0	0.0	0.0	0.0
1063	NW_046de	0.466	0.466	0.466	46.6	0.0	0.0	0.0	0.0	0.0	0.0
1064	NW_053de	0.533	0.533	0.533	53.3	0.0	0.0	0.0	0.0	0.0	0.0
1065	NW_060de	0.6	0.6	0.6	60.0	0.0	0.0	0.0	0.0	0.0	0.0
1066	NW_066de	0.666	0.666	0.666	66.6	0.0	0.0	0.0	0.0	0.0	0.0
1067	NW_073de	0.734	0.734	0.734	73.4	0.0	0.0	0.0	0.0	0.0	0.0
1068	NW_080de	0.8	0.8	0.8	80.0	0.0	0.0	0.0	0.0	0.0	0.0
1069	NW_086de	0.866	0.866	0.866	86.6	0.0	0.0	0.0	0.0	0.0	0.0
1070	NW_093de	0.933	0.933	0.933	91.0	0.0	0.0	0.0	0.0	0.0	0.0
1071	NW_100de	1.0	1.0	1.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
1072	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073	RO0Y_100_100de	1.0	1.0	1.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
1074	G50B_100_100de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1075	Y00B_100_100de	1.0	1.0	1.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
1076	B00R_100_100de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1077	B00R_100_100de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1078	B50R_100_100de	0.5	0.5	0.5	50.0	0.0	0.0	0.0	0.0	0.0	0.0
1079	B50R_100_100de	1.0	1.0	1.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0

Eingabe: *rgb/cmyk* -> *rgb*
Ausgabe: 3D-Linearisierung *cmyk* * de

TUB-Prüfvorlage QG09; Bunttoncode: H*e=R25Ye
Farben und Farbabstände, ΔE,*