

Ein- und Ausgabe: Offset-Reflektiv-System ORS18a für relativen CIELAB-Bunton  $h_{ab,a,rel} = h_{ab}/360 = 139/360 = 0.38$

$H^*_- = Y75G_-$

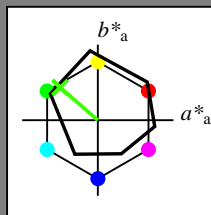
Daten für jede Geräte- (d) oder  
 Elementarfarbe (e):

$HIC^*_-$

Buntoncode für die Farben  
 dieser Seite:

$H^*_- = Y75G_-$

Dreiecks-Helligkeit  $T^*$



**ORS18a; adaptierte CIELAB-Daten**

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

Daten für Maximalfarbe (Ma):

$LabCh^*_{-,Ma}$ : 62 -49 43 65 139

$HIC^*_{-,Ma}$ : Y75G\_100\_100\_

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

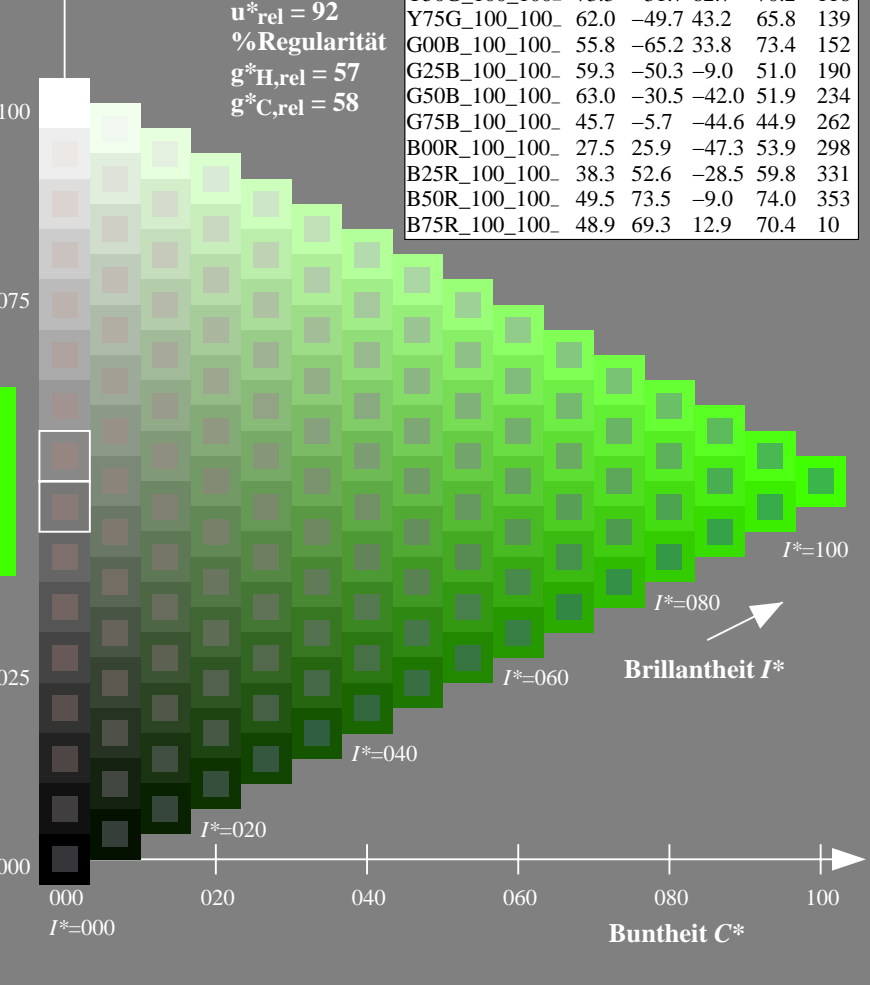
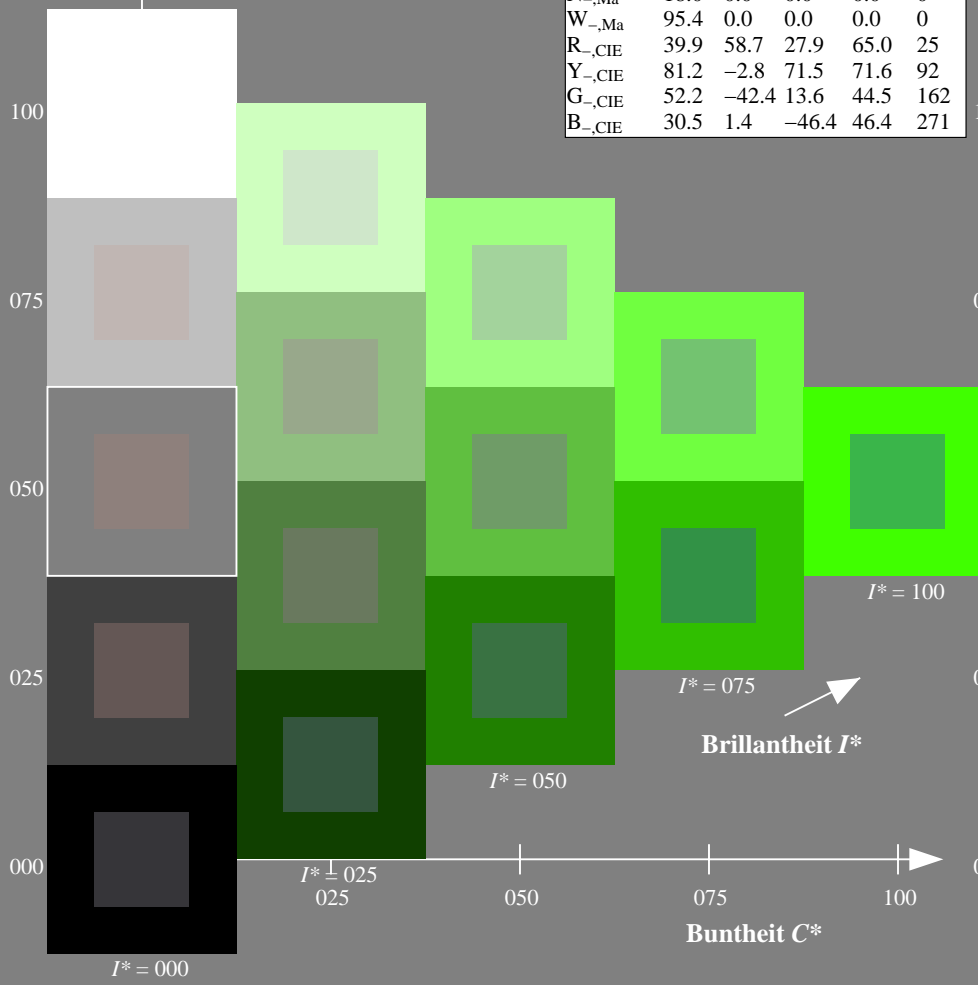
0.23 1.0 0.0 1.0 1.0

Dreiecks-Helligkeit  $T^*$

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

**ORS20a; adaptierte CIELAB-Daten**

$H^*_-$	$L^*=L^*_a a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_	48.4	66.1	40.2	77.3
R25Y_100_100_	56.8	48.0	50.5	69.6
R50Y_100_100_	68.6	25.0	63.9	68.6
R75Y_100_100_	80.6	4.8	77.2	77.3
Y00G_100_100_	90.2	-9.6	88.2	88.7
Y25G_100_100_	83.2	-18.4	79.9	81.9
Y50G_100_100_	73.3	-31.7	62.7	70.2
Y75G_100_100_	62.0	-49.7	43.2	65.8
G00B_100_100_	55.8	-65.2	33.8	73.4
G25B_100_100_	59.3	-50.3	-9.0	51.0
G50B_100_100_	63.0	-30.5	-42.0	51.9
G75B_100_100_	45.7	-5.7	-44.6	44.9
B00R_100_100_	27.5	25.9	-47.3	53.9
B25R_100_100_	38.3	52.6	-28.5	59.8
B50R_100_100_	49.5	73.5	-9.0	74.0
B75R_100_100_	48.9	69.3	12.9	70.4



Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG65/QG65.HTM>  
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20130201-QG65/QG65L0FP.PDF /.PS  
 Anwendung für Messung von Offsetdruck-Ausgabe  
 TUB-Material: Code=rh4ta

Ein- und Ausgabe: Offset-Reflektiv-System ORS18a für relativen CIELAB-Bunton  $h_{ab,a,rel} = h_{ab}/360 = 145/360 = 0.4$

$H^*_e = Y75G_e$

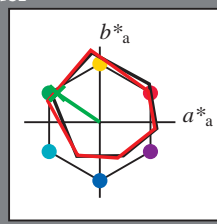
Daten für jede Geräte- (d) oder  
Elementarfarbe (e):

$HIC^*_e$

Buntoncode für die Farben  
dieser Seite:

$H^*_e = Y75G_e$

Dreiecks-Helligkeit  $T^*$



**ORS20a; adaptierte CIELAB-Daten**

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
Re,Ma	47.6	64.9	30.9	71.9	25
Ye,Ma	82.9	-3.5	87.8	87.9	92
Ge,Ma	52.4	-67.1	21.5	70.5	162
Ce,Ma	56.6	-39.7	-29.9	49.8	216
Be,Ma	37.9	1.3	-45.4	45.4	271
Me,Ma	34.8	49.2	-30.0	57.7	328
Ne,Ma	17.7	0.0	0.0	0.0	0
We,Ma	95.4	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	-2.8	71.5	71.6	92
Ge,CIE	52.2	-42.4	13.6	44.5	162
Be,CIE	30.5	1.4	-46.4	46.4	271

Daten für Maximalfarbe (Ma):

$LabCh^*_{e, Ma}: 56 \ -56 \ 38 \ 68 \ 145$

$HIC^*_{e, Ma}: Y75G\_100\_100_e$

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

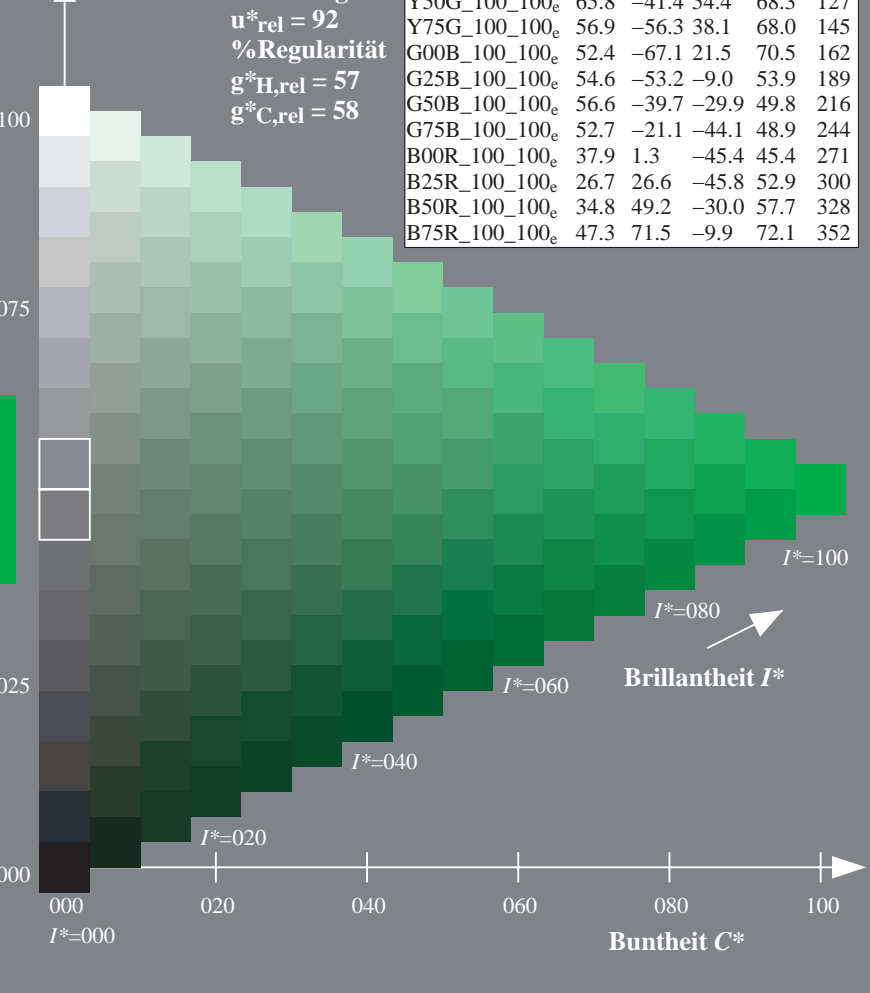
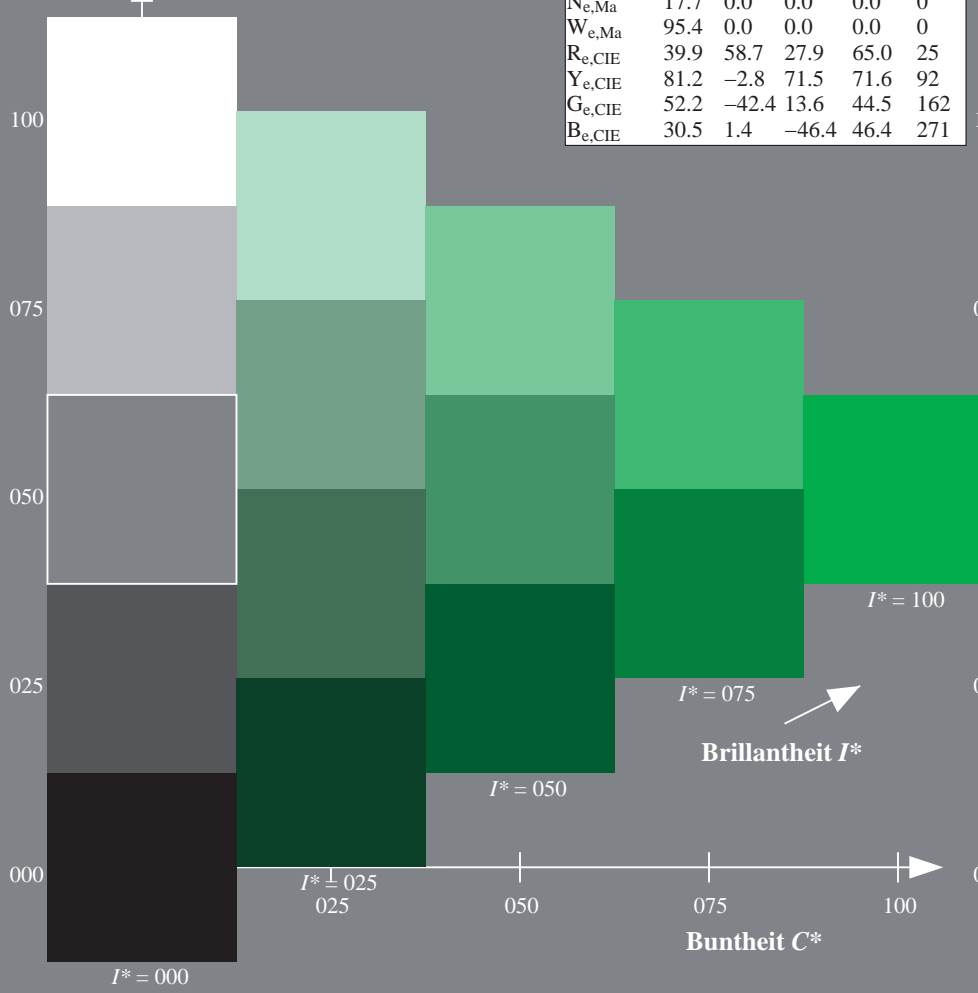
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Dreiecks-Helligkeit  $T^*$

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

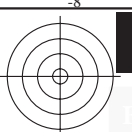
**ORS20a; adaptierte CIELAB-Daten**

$H^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	47.6	64.9	30.9	71.9	25
R25Y_100_100_e	51.5	54.2	47.2	71.9	41
R50Y_100_100_e	60.3	35.6	59.0	68.9	58
R75Y_100_100_e	70.4	17.0	72.2	74.1	76
Y00G_100_100_e	82.9	-3.5	87.8	87.9	92
Y25G_100_100_e	76.9	-25.5	75.9	80.1	108
Y50G_100_100_e	65.8	-41.4	54.4	68.3	127
Y75G_100_100_e	56.9	-56.3	38.1	68.0	145
G00B_100_100_e	52.4	-67.1	21.5	70.5	162
G25B_100_100_e	54.6	-53.2	-9.0	53.9	189
G50B_100_100_e	56.6	-39.7	-29.9	49.8	216
G75B_100_100_e	52.7	-21.1	-44.1	48.9	244
B00R_100_100_e	37.9	1.3	-45.4	45.4	271
B25R_100_100_e	26.7	26.6	-45.8	52.9	300
B50R_100_100_e	34.8	49.2	-30.0	57.7	328
B75R_100_100_e	47.3	71.5	-9.9	72.1	352



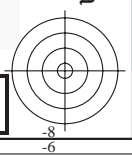
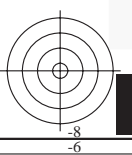
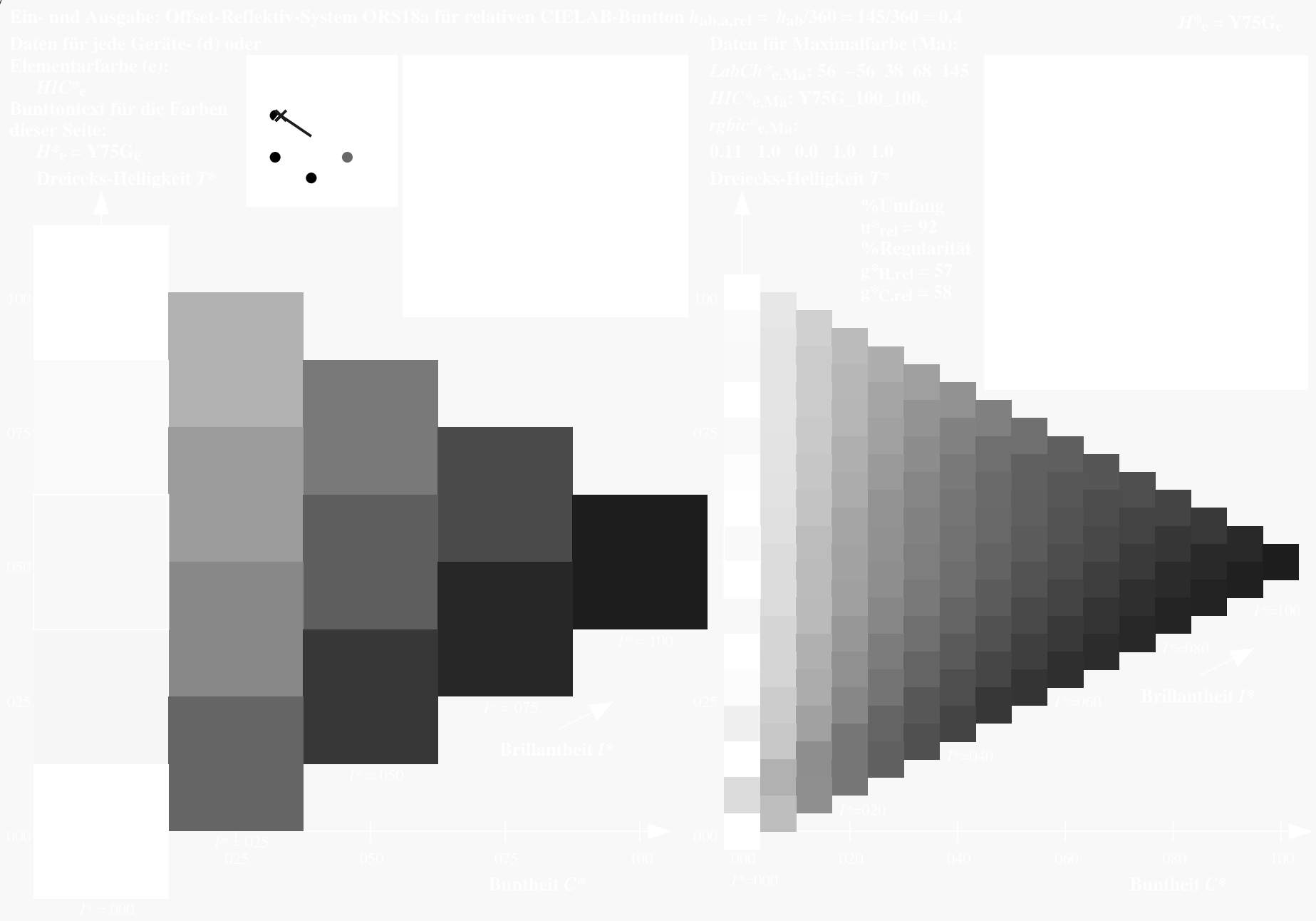
Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG65/QG65.HTM>  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20130201-QG65/QG65L0FP.PDF /.PS TUB-Material: Code=rh4ta  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmyk\* (CMYK)



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Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

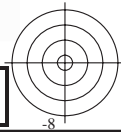
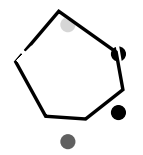
TUB-Registrierung: 20130201-QG65/QG65L0FP.PDF /.PS TUB-Material: Code=rh4ta  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmyk6\* (CMYK)





Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG65/QG65.HTM>  
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TUB-Registrierung: 20130201-QG65/QG65L0FP.PDF /.PS TUB-Material: Code=rh4ta  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmyrn6\* (CMYK)



0-113330-L0 QG650-73

TUB-Prüfvorlage QG65; Bunttoncode:  $H^*_e=Y75G_e$   
Prüfvorlage nach DIN 33872, 3D=1,  $d_e=1$ , cmyk\*

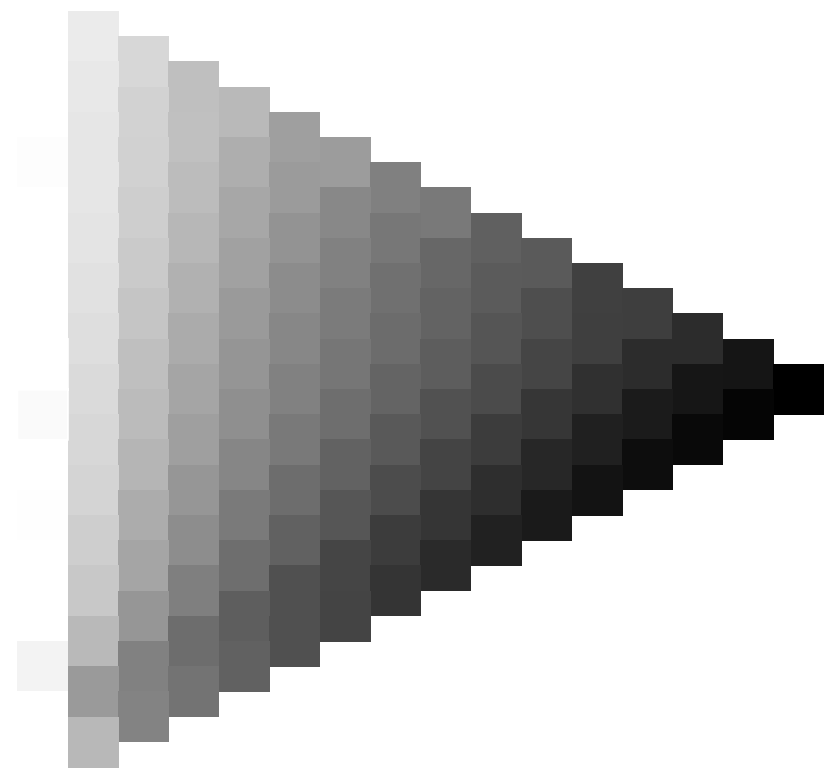
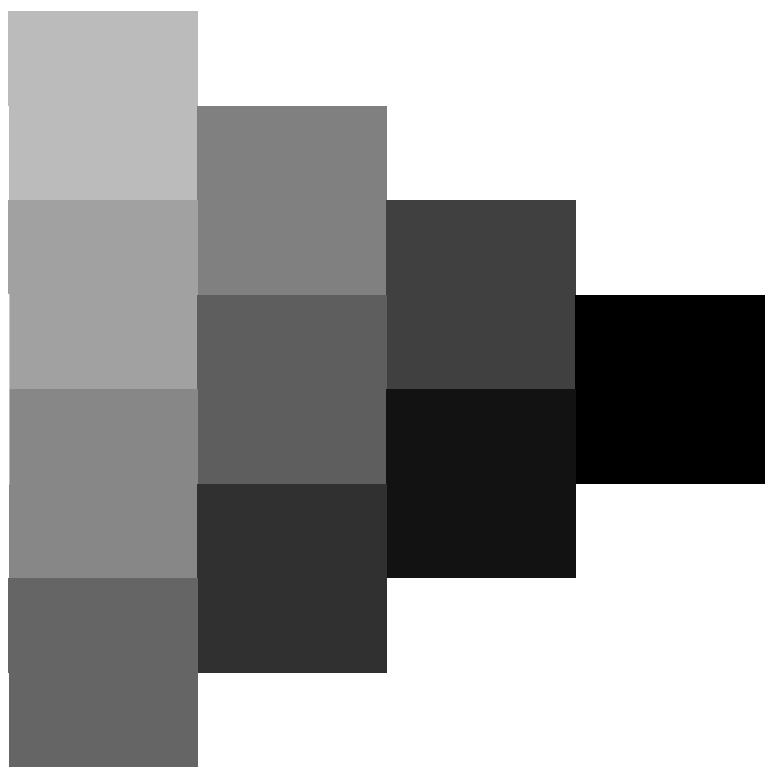
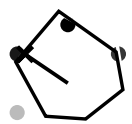
Eingabe:  $rgb/cmyk \rightarrow rgb_{de}$   
Ausgabe: 3D-Linearisierung  $cmyk^*_{de}$

0-113330-F0



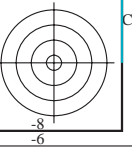
TUB-Registrierung: 20130201-QG65/QG65L0FP.PDF /.PS TUB-Material: Code=rh4ta  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmyk6\* (CMYK)

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG65/QG65.HTM>  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>



0-113430-L0 QG650-73  
TUB-Prüfvorlage QG65; Bunttoncode:  $H^*_e=Y75G_e$   
Prüfvorlage nach DIN 33872, 3D=1,  $de=1$ , cmyk\*

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

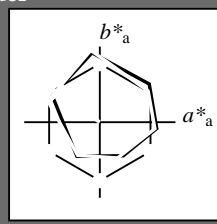


Ein- und Ausgabe: Offset-Reflektiv-System ORS18a für relativen CIELAB-Bunton  $h_{ab,a,rel} = h_{ab}/360 = 145/360 = 0.4$

$H^*_e = Y75G_e$

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

$HIC^*_e$   
Buntoncode für die Farben dieser Seite:  
 $H^*_e = Y75G_e$   
Dreiecks-Helligkeit  $T^*$



**ORS20a; adaptierte CIELAB-Daten**

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
Re,Ma	47.6	64.9	30.9	71.9	25
Ye,Ma	82.9	-3.5	87.8	87.9	92
Ge,Ma	52.4	-67.1	21.5	70.5	162
Ce,Ma	56.6	-39.7	-29.9	49.8	216
Be,Ma	37.9	1.3	-45.4	45.4	271
Me,Ma	34.8	49.2	-30.0	57.7	328
Ne,Ma	17.7	0.0	0.0	0.0	0
We,Ma	95.4	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	-2.8	71.5	71.6	92
Ge,CIE	52.2	-42.4	13.6	44.5	162
Be,CIE	30.5	1.4	-46.4	46.4	271

Daten für Maximalfarbe (Ma):

$LabCh^*_{e, Ma}$ : 56 -56 38 68 145

$HIC^*_{e, Ma}$ : Y75G\_100\_100\_e

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

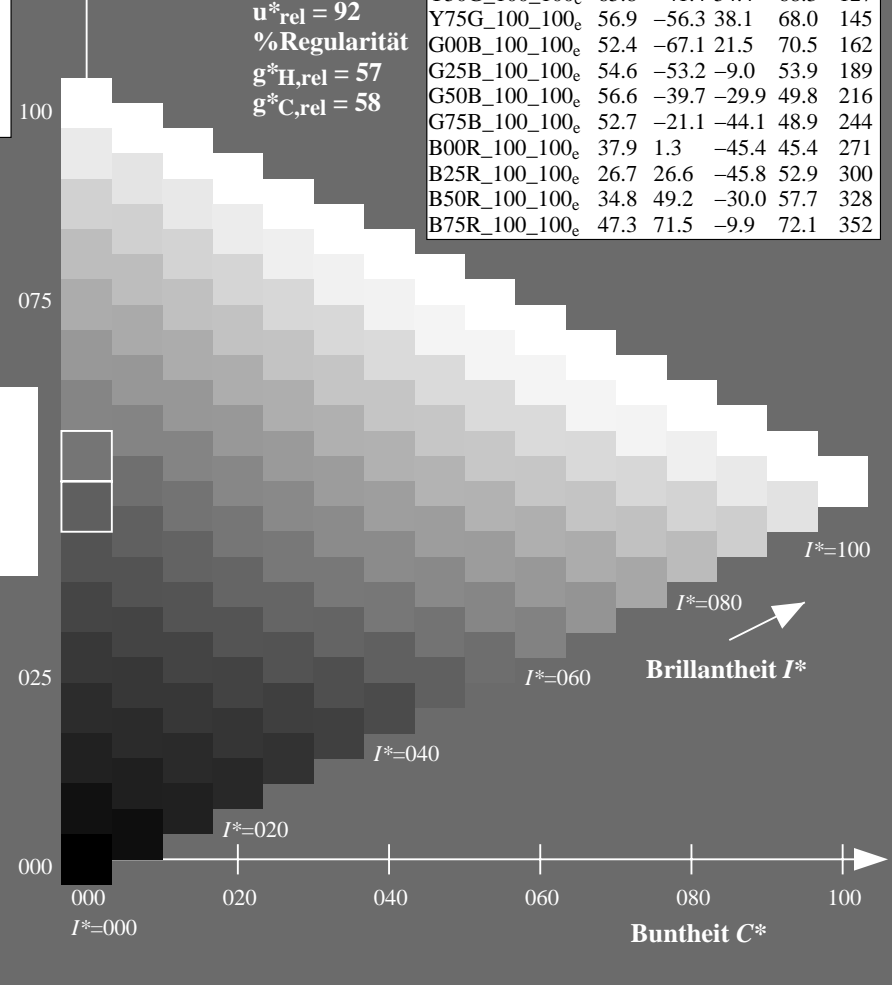
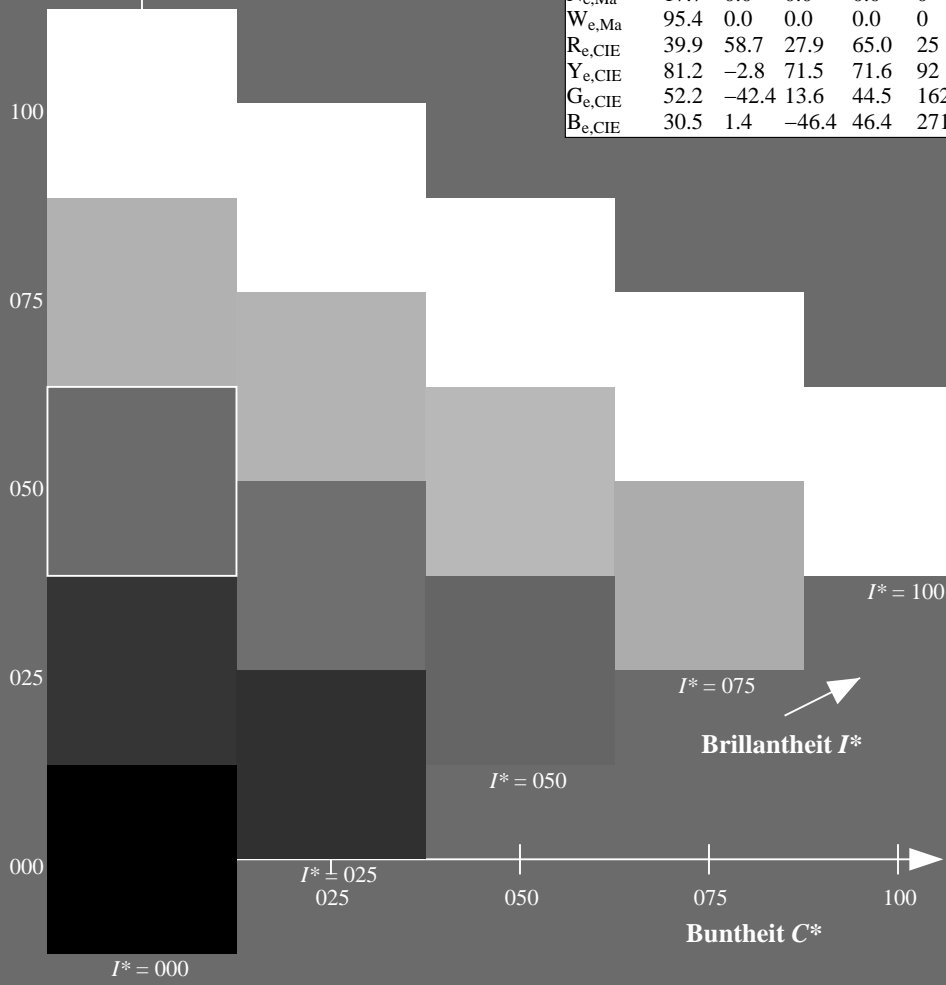
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Dreiecks-Helligkeit  $T^*$

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

**ORS20a; adaptierte CIELAB-Daten**

$H^*_e$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	47.6	64.9	30.9	71.9	25
R25Y_100_100_e	51.5	54.2	47.2	71.9	41
R50Y_100_100_e	60.3	35.6	59.0	68.9	58
R75Y_100_100_e	70.4	17.0	72.2	74.1	76
Y00G_100_100_e	82.9	-3.5	87.8	87.9	92
Y25G_100_100_e	76.9	-25.5	75.9	80.1	108
Y50G_100_100_e	65.8	-41.4	54.4	68.3	127
Y75G_100_100_e	56.9	-56.3	38.1	68.0	145
G00B_100_100_e	52.4	-67.1	21.5	70.5	162
G25B_100_100_e	54.6	-53.2	-9.0	53.9	189
G50B_100_100_e	56.6	-39.7	-29.9	49.8	216
G75B_100_100_e	52.7	-21.1	-44.1	48.9	244
B00R_100_100_e	37.9	1.3	-45.4	45.4	271
B25R_100_100_e	26.7	26.6	-45.8	52.9	300
B50R_100_100_e	34.8	49.2	-30.0	57.7	328
B75R_100_100_e	47.3	71.5	-9.9	72.1	352



Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG65/QG65.HTM>  
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TUB-Registrierung: 20130201-QG65/QG65L0FP.PDF /.PS TUB-Material: Code=rh4ta  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmyk6\* (CMYK)

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmy<sup>6</sup>\*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RY<sup>6</sup>CBM<sub>s</sub>:  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Sechs Bunttonwinkel der Gerätefarben RY<sup>6</sup>CBM<sub>d</sub>:  $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$ ; Sechs Bunttonwinkel der Elementarfarben RY<sup>6</sup>CBM<sub>e</sub>:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

**J=Y<sub>d</sub> YellowGelb**  
 $LCH^*_d = 88.3 \ 95.8 \ 97.1$   
 $LAB^*_d = 88.3 \ -11.9 \ 95.1$   
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

**L=G<sub>d</sub> leaf-greenLaubgrün**  
 $LCH^*_d = 51.9 \ 74.3 \ 157.7$   
 $LAB^*_d = 51.9 \ -68.8 \ 28.1$   
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

**C=C<sub>d</sub> cyan-blueCyanblau**  
 $LCH^*_d = 58.3 \ 52.6 \ 236.1$   
 $LAB^*_d = 58.3 \ -29.2 \ -43.7$   
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$

**O=R<sub>d</sub> orange-redOrangerot**  
 $LCH^*_d = 47.3 \ 76.0 \ 32.8$   
 $LAB^*_d = 47.3 \ 63.8 \ 41.2$   
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

**M=M<sub>d</sub> magenta-redMagentarot**  
 $LCH^*_d = 48.2 \ 73.3 \ 353.3$   
 $LAB^*_d = 48.2 \ 72.8 \ -8.5$   
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

**V=B<sub>d</sub> violet-blueViolettblau**  
 $LCH^*_d = 25.3 \ 52.8 \ 296.4$   
 $LAB^*_d = 25.3 \ 23.5 \ -47.3$   
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

**Y<sub>e</sub> yellowGelb**  
 $LCH^*_e = 82.9 \ 87.9 \ 92.3$   
 $LAB^*_e = 82.9 \ -3.5 \ 87.8$   
 $rgb^*_{de} = 1.0 \ 0.841 \ 0.0$

**G<sub>e</sub> greenGrün**  
 $LCH^*_e = 52.4 \ 70.5 \ 162.2$   
 $LAB^*_e = 52.4 \ -67.1 \ 21.5$   
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.093$

**C<sub>e</sub> blue-greenBlaugrün**  
 $LCH^*_e = 56.6 \ 49.8 \ 216.9$   
 $LAB^*_e = 56.6 \ -39.7 \ -29.9$   
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.735$

**B<sub>e</sub> blueBlau**  
 $LCH^*_e = 37.9 \ 45.4 \ 271.7$   
 $LAB^*_e = 37.9 \ 1.3 \ -45.4$   
 $rgb^*_{de} = 0.0 \ 0.374 \ 1.0$

**R<sub>e</sub> redRot**  
 $LCH^*_e = 47.6 \ 71.9 \ 25.4$   
 $LAB^*_e = 47.6 \ 64.9 \ 30.9$   
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.209$

**M<sub>e</sub> blue-redBlaurot**  
 $LCH^*_e = 34.8 \ 57.7 \ 328.6$   
 $LAB^*_e = 34.8 \ 49.2 \ -30.0$   
 $rgb^*_{de} = 0.407 \ 0.0 \ 1.0$

**Y<sub>s</sub> yellowGelb**  
 $LCH^*_s = 80.6 \ 84.9 \ 90.0$   
 $LAB^*_s = 80.6 \ 0.0 \ 84.9$   
 $rgb^*_{ds} = 1.0 \ 0.784 \ 0.0$

**G<sub>s</sub> greenGrün**  
 $LCH^*_s = 55.1 \ 70.1 \ 150.0$   
 $LAB^*_s = 55.1 \ -60.7 \ 35.0$   
 $rgb^*_{ds} = 0.074 \ 1.0 \ 0.0$

**C<sub>s</sub> blue-greenBlaugrün**  
 $LCH^*_s = 56.1 \ 50.0 \ 210.0$   
 $LAB^*_s = 56.1 \ -43.3 \ -25.0$   
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.665$

**R<sub>s</sub> redRot**  
 $LCH^*_s = 47.4 \ 74.2 \ 30.0$   
 $LAB^*_s = 47.4 \ 64.3 \ 37.1$   
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.084$

**M<sub>s</sub> blue-redBlaurot**  
 $LCH^*_s = 35.6 \ 58.3 \ 330.0$   
 $LAB^*_s = 35.6 \ 50.5 \ -29.1$   
 $rgb^*_{ds} = 0.431 \ 0.0 \ 1.0$

**B<sub>s</sub> blueBlau**  
 $LCH^*_s = 38.8 \ 45.4 \ 270.0$   
 $LAB^*_s = 38.8 \ 0.0 \ -45.4$   
 $rgb^*_{ds} = 0.0 \ 0.397 \ 1.0$

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

- For the 1. Für die  $rgb^*_e$ -input values the CIELAB data-Eingabedaten wurden die CIELAB-Daten  $LCH^*_e$  und  $LAB^*_e$  have been calculated.
- For the calculation of the standard hue angle  $h_{ab,s}$ , use for any device values  $rgb^*_e$  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 colours of maximum chroma of the seven hue angles of the 60 degree colours die sieben Bunttonwinkel der 60Grad-Farben  $s$ :  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$  and the equations for a 48 and 360 step hue circle: und die Gleichungen für einen 48- und 360-stufigen Buntonkreis:  

$$h_{48ab,sij} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$

$$h_{360ab,sij} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$
- For the 48 or 360 elementary hue angles 4. Für die 48 oder 360 Elementar-Buntonwinkel  $h_{ab,e}$  of the colours of maximum chroma of the seven hue angles of the elementary colours die 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:  

$$h_{48ab,eij} = h_{ab,ei} + j [ h_{ab,ei+1} - h_{ab,ei} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$

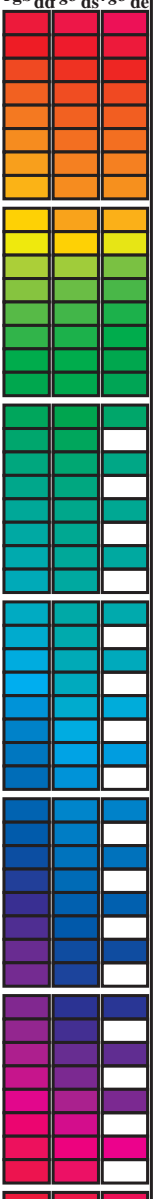
$$h_{360ab,eij} = h_{ab,ei} + j [ h_{ab,ei+1} - h_{ab,ei} ] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$
- For any elementary hue angle 5. Für jeden Elementar-Buntonwinkel  $h_{ab,e}$  there is a well defined device hue angle  $h_{ab,d}$  gib es einen genau definierten Bunttonwinkel  $h_{ab,d}$  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

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG65/QG65L0FP.PDF> / .PS  
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20130201-QG65/QG65L0FP.PDF /.PS  
 Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmy<sup>6</sup>\*, D65 (CMYK)

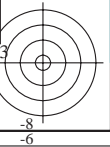
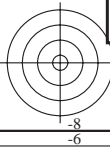
Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmy<sup>6</sup>\*; D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RY<sup>6</sup>CBM<sub>s</sub>; h<sub>ab,dc</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben RY<sup>6</sup>CBM<sub>d</sub>; h<sub>ab,d</sub> = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Sechs Bunttonwinkel der Elementarfarben RY<sup>6</sup>CBM<sub>e</sub>; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with 24 columns: h<sub>ab,d</sub>, h<sub>ab,s</sub>, h<sub>ab,e</sub>, r<sup>gb</sup>\*\_dd64M, LAB\*\_ddx361M, r<sup>gb</sup>\*\_dxx361M, LAB\*\_dxx361M, r<sup>gb</sup>\*\_dsx361M, LAB\*\_dsx361M, r<sup>gb</sup>\*\_dex361M, LAB\*\_dex361M, and three columns for r<sup>gb</sup>\*\_dd, r<sup>gb</sup>\*\_ds, r<sup>gb</sup>\*\_de. The table contains 390 rows of color data.



Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG65/QG65L0FP.PDF> / .PS  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

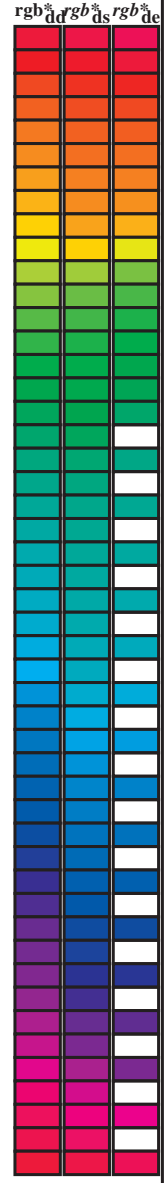
TUB-Registrierung: 20130201-QG65/QG65L0FP.PDF /.PS  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmy<sup>6</sup>\* (CMYK)  
TUB-Material: Code=rh4ta





Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmy<sup>6</sup>\*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RY<sup>6</sup>CBM<sub>s</sub>; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben RY<sup>6</sup>CBM<sub>d</sub>; h<sub>ab,d</sub> = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Sechs Bunttonwinkel der Elementarfarben RY<sup>6</sup>CBM<sub>e</sub>; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h <sub>ab,d</sub>	h <sub>ab,s</sub>	h <sub>ab,e</sub>	rgb <sup>6</sup> * dd64M	LAB* ddx64M (x=LabCh)	rgb <sup>6</sup> * dex361M	LAB* dex361M
32.8	30.0	25.4	1.0 0.0 0.0	47.3 63.8 41.2 76.0 32.8	1.0 0.0 0.209	47.6 64.9 30.9 71.9 25
40.4	37.5	33.8	1.0 0.125 0.0	51.2 54.9 46.7 72.1 40.4	1.0 0.007 0.0	47.6 63.4 41.6 75.8 33
50.0	45.0	42.1	1.0 0.25 0.0	56.0 44.4 53.0 69.1 50.0	1.0 0.148 0.0	52.1 53.0 48.1 71.6 42
61.1	52.5	50.5	1.0 0.375 0.0	61.4 33.2 60.3 68.8 61.1	1.0 0.25 0.0	56.0 44.5 53.0 69.2 49
71.4	60.0	58.8	1.0 0.5 0.0	67.2 22.6 67.6 71.2 71.4	1.0 0.35 0.0	60.3 35.6 59.0 69.0 58
81.7	67.5	67.2	1.0 0.625 0.0	73.6 11.0 76.1 76.9 81.7	1.0 0.442 0.0	64.5 27.8 64.5 70.2 66
88.5	75.0	75.6	1.0 0.75 0.0	79.2 2.0 83.0 83.1 88.5	1.0 0.55 0.0	69.8 18.3 71.3 73.6 75
93.6	82.5	83.9	1.0 0.875 0.0	84.2 -5.7 89.4 89.6 93.6	1.0 0.655 0.0	75.0 9.0 77.9 78.5 83
97.1	90.0	92.3	1.0 1.0 0.0	88.3 -11.9 95.1 95.8 97.1	1.0 0.842 0.0	83.0 -3.4 87.8 87.9 92
100.3	97.5	101.0	0.875 1.0 0.0	85.8 -16.2 88.6 90.0 100.3	0.871 1.0 0.0	85.8 -16.2 88.4 89.9 100
103.3	105.0	109.7	0.75 1.0 0.0	82.9 -19.7 83.0 85.3 103.3	0.599 1.0 0.0	76.2 -26.6 74.3 78.9 109
108.3	112.5	118.5	0.625 1.0 0.0	77.0 -25.2 76.3 80.4 108.3	0.455 1.0 0.0	71.4 -33.4 63.2 71.6 117
115.3	120.0	127.2	0.5 1.0 0.0	72.7 -31.3 66.0 73.1 115.3	0.327 1.0 0.0	65.8 -41.3 54.4 68.4 127
122.4	127.5	136.0	0.375 1.0 0.0	68.9 -36.9 58.1 68.8 122.4	0.244 1.0 0.0	60.7 -48.1 47.5 67.6 135
134.9	135.0	144.7	0.25 1.0 0.0	60.8 -47.8 47.8 67.6 134.9	0.124 1.0 0.0	57.4 -54.9 38.9 67.4 144
144.6	142.5	153.4	0.125 1.0 0.0	57.4 -54.9 38.9 67.3 144.6	0.047 1.0 0.0	54.0 -63.8 32.7 71.7 152
157.7	150.0	162.2	0.0 1.0 0.0	51.9 -68.8 28.1 74.3 157.7	0.0 1.0 0.093	52.4 -67.0 21.5 70.5 162
163.7	157.5	169.0	0.0 1.0 0.125	52.5 -66.4 19.3 69.1 163.7	0.0 1.0 0.209	53.1 -63.5 12.8 64.9 168
170.9	165.0	175.9	0.0 1.0 0.25	53.2 -61.9 9.8 62.7 170.9	0.0 1.0 0.311	53.7 -59.7 4.3 59.9 175
181.0	172.5	182.7	0.0 1.0 0.375	54.1 -56.9 -1.0 56.9 181.0	0.0 1.0 0.387	54.2 -56.4 -2.2 56.5 182
193.5	180.0	189.6	0.0 1.0 0.5	54.8 -51.0 -12.3 52.5 193.5	0.0 1.0 0.46	54.6 -53.1 -8.9 54.0 189
205.9	187.5	196.4	0.0 1.0 0.625	55.8 -45.1 -21.9 50.1 205.9	0.0 1.0 0.524	55.0 -50.0 -14.3 52.1 195
218.4	195.0	203.2	0.0 1.0 0.75	56.7 -38.9 -30.9 49.7 218.4	0.0 1.0 0.598	55.6 -46.5 -19.9 50.7 203
227.3	202.5	210.1	0.0 1.0 0.875	57.5 -34.3 -37.2 50.6 227.3	0.0 1.0 0.662	56.1 -43.4 -24.7 50.1 209
236.1	210.0	216.9	0.0 1.0 1.0	58.3 -29.2 -43.7 52.6 236.1	0.0 1.0 0.736	56.7 -39.7 -29.9 49.8 216
240.3	217.5	223.8	0.0 0.875 1.0	55.2 -25.0 -43.9 50.5 240.3	0.0 1.0 0.819	57.2 -36.4 -34.4 50.3 223
245.8	225.0	230.6	0.0 0.75 1.0	51.7 -19.7 -44.1 48.3 245.8	0.0 1.0 0.922	57.9 -32.5 -39.7 51.4 230
252.5	232.5	237.5	0.0 0.625 1.0	47.7 -13.9 -44.4 46.5 252.5	0.0 0.974 1.0	57.7 -28.3 -43.7 52.2 237
262.3	240.0	244.3	0.0 0.5 1.0	42.7 -6.0 -45.0 45.4 262.3	0.0 0.785 1.0	52.7 -21.1 -44.1 49.0 244
271.7	247.5	251.2	0.0 0.375 1.0	37.9 1.3 -45.4 45.4 271.7	0.0 0.659 1.0	48.9 -15.4 -44.3 47.1 250
281.6	255.0	258.0	0.0 0.25 1.0	33.3 9.4 -46.0 47.0 281.6	0.0 0.555 1.0	45.0 -9.4 -44.8 45.9 258
290.3	262.5	264.8	0.0 0.125 1.0	28.6 17.4 -46.9 50.1 290.3	0.0 0.472 1.0	41.7 -4.3 -45.1 45.4 264
296.4	270.0	271.7	0.0 0.0 1.0	25.3 23.5 -47.3 52.8 296.4	0.0 0.375 1.0	37.9 1.4 -45.3 45.5 271
306.7	277.5	278.8	0.125 0.0 1.0	29.3 31.8 -42.6 53.1 306.7	0.0 0.291 1.0	34.9 6.8 -45.9 46.5 278
312.7	285.0	285.9	0.25 0.0 1.0	31.5 36.2 -39.2 53.4 312.7	0.0 0.188 1.0	31.0 13.3 -46.6 48.5 285
326.7	292.5	293.0	0.375 0.0 1.0	33.8 47.6 -31.2 56.9 326.7	0.0 0.079 1.0	27.4 19.6 -47.1 51.1 292
333.9	300.0	300.1	0.5 0.0 1.0	37.8 53.8 -26.3 59.9 333.9	0.046 0.0 1.0	26.8 26.6 -45.7 53.0 300
339.6	307.5	307.2	0.625 0.0 1.0	40.9 58.8 -21.8 62.7 339.6	0.126 0.0 1.0	29.4 31.9 -42.5 53.2 306
347.2	315.0	314.3	0.75 0.0 1.0	43.1 65.9 -14.9 67.6 347.2	0.265 0.0 1.0	31.8 37.7 -38.4 53.8 314
350.2	322.5	321.4	0.875 0.0 1.0	45.9 69.4 -11.9 70.5 350.2	0.324 0.0 1.0	32.9 43.2 -34.8 55.5 321
353.3	330.0	328.6	1.0 0.0 1.0	48.2 72.8 -8.5 73.3 353.3	0.407 0.0 1.0	34.9 49.3 -30.0 57.7 328
356.5	337.5	335.7	1.0 0.0 0.875	48.2 71.6 -4.3 71.7 356.5	0.529 0.0 1.0	38.6 55.0 -25.3 60.6 335
360.3	345.0	342.8	1.0 0.0 0.75	48.1 70.4 0.3 70.4 360.3	0.678 0.0 1.0	41.9 61.9 -19.0 64.8 342
365.8	352.5	349.9	1.0 0.0 0.625	48.0 68.9 7.1 69.3 365.8	0.842 0.0 1.0	45.2 68.6 -12.7 69.8 349
371.6	360.0	357.0	1.0 0.0 0.5	47.7 67.7 14.0 69.1 371.6	0.949 0.0 1.0	47.3 71.5 -9.9 72.2 352
378.2	367.5	364.1	1.0 0.0 0.375	47.7 66.1 21.8 69.6 378.2	1.0 0.0 0.765	48.2 70.6 -0.1 70.6 359
383.9	375.0	371.2	1.0 0.0 0.25	47.7 65.0 28.9 71.2 383.9	1.0 0.0 0.563	47.9 68.4 10.6 69.2 368
388.6	382.5	378.3	1.0 0.0 0.125	47.4 64.4 35.1 73.4 388.6	1.0 0.0 0.408	47.8 66.7 19.8 69.6 376
392.8	390.0	385.4	1.0 0.0 0.0	47.3 63.8 41.2 76.0 392.8	1.0 0.0 0.209	47.6 64.9 30.9 71.9 385



Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG65/QG65L0FP.PDF> / .PS  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20130201-QG65/QG65L0FP.PDF /.PS  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmy<sup>6</sup>\* (CMYK)  
TUB-Material: Code=rh4ta

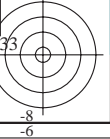
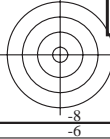


Daten der Maximalfarbe M im Farbmetrik-Sytem Offset-Normdruck; Separation cmy<sup>6</sup>\*; D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGB<sub>s</sub>; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;  
Sechs Bunttonwinkel der Gerätefarben RYGBM<sub>c</sub>; h<sub>ab,d</sub> = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Sechs Bunttonwinkel der Elementarfarben RYGBM<sub>e</sub>; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with columns for Lab parameters (L, a, b), LabCh, and CMYK values for various color standards and device profiles. Includes a color calibration chart on the right side of the table.

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/QG65/QG65L0FP.PDF /.PS  
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20130201-QG65/QG65L0FP.PDF /.PS  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmy<sup>6</sup>\* (CMYK)  
TUB-Material: Code=rh4ta



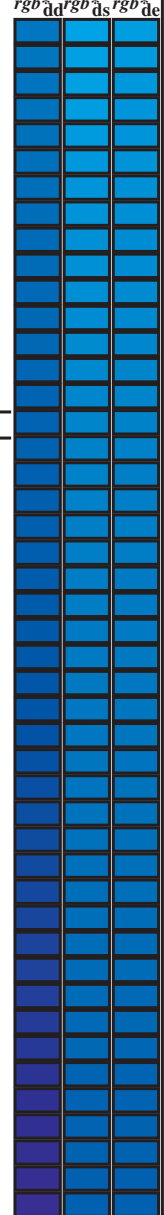






Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmy<sup>6</sup>\*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RY<sup>6</sup>CBM<sub>s</sub>; h<sub>ab,dc</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;  
Sechs Bunttonwinkel der Gerätefarben RY<sup>6</sup>CBM<sub>d</sub>; h<sub>ab,d</sub> = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Sechs Bunttonwinkel der Elementarfarben RY<sup>6</sup>CBM<sub>e</sub>; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with columns for color data: h<sub>ab,d</sub>, h<sub>ab,s</sub>, h<sub>ab,e</sub>, r<sup>gb</sup>\*\_dd361M, LAB\*<sub>d</sub>, ddx361Mi (x=LabCh), r<sup>gb</sup>\*\_ds361Mi, LAB\*<sub>s</sub>, dsx361Mi (x=LabCh), r<sup>gb</sup>\*\_de361Mi, LAB\*<sub>e</sub>, dex361Mi (x=LabCh), r<sup>gb</sup>\*\_dd361Mi, r<sup>gb</sup>\*\_ds361Mi, r<sup>gb</sup>\*\_de361Mi, B<sub>d</sub>, B<sub>s</sub>, B<sub>e</sub>. Rows 281-333.



Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/QG65/QG65L0FP.PDF /.PS  
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20130201-QG65/QG65L0FP.PDF /.PS  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmy<sup>6</sup>\*(CMYK)  
TUB-Material: Code=rh4ta

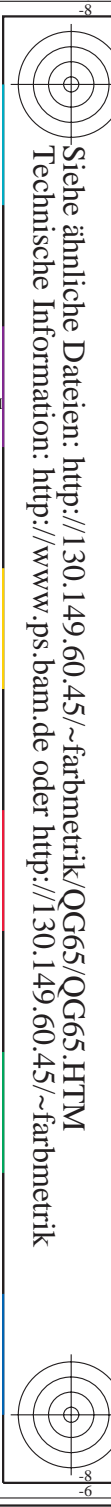
Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6\*; D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGBCMs; h\_ab,dc = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Sechs Bunttonwinkel der Gerätefarben RYGBCMd; h\_ab,d = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Sechs Bunttonwinkel der Elementarfarben RYGBCMc; h\_ab,e = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with 48 rows and columns for Lab, LabCh, and CMYK colorimetric data. Headers include h\_ab,d, h\_ab,s, h\_ab,e, and various colorimetric parameters like rgbb\* and dsx361Mi.



Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/QG65/QG65.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20130201-QG65/QG65L0FP.PDF /.PS
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmyn6\* (CMYK)
TUB-Material: Code=rh41a







http://130.149.60.45/~farbmetrik/QG65/QG65LOFP.PDF /.PS; 3D-Linearisierung  
F: 3D-Linearisierung QG65/QG65LG30FP.DAT in Datei (F), Seite 18/33

Table with columns: nrf, HHC\*File, rgp\_Rate, icr\_FRate, Hsa\_FRate, rgp\_FRate, LabCM\*File, cmykn6\_sepRate, cmykn6, rga\_FRate, Hsa\_FRate, rgp\_FRate, LabCM\*File, rga\_FRate, Hsa\_FRate, rgp\_FRate, LabCM\*File, delta

Eingabe: rgb/cmyk -> rgbd  
Ausgabe: 3D-Linearisierung cmykn6\*

TUB-Prüfvorlage QG65; Bunttoncode: H\*e=Y75Ge  
Farben und Farbabstände, ΔE\*





http://130.149.60.45/~farbmetrik/QG65/QG65L0FP.PDF /.PS; 3D-Linearisierung  
F: 3D-Linearisierung QG65/QG65LG30FP.DAT in Datei (F), Seite 21/33

Table with 16 columns: n, HHC\*File, rgb\_Rate, icr\_File, Hsa\_Rate, rgpB\*File, LabCm\*File, cmyk\*\_sep,Rate, Hsa\_Delta, Hsa\_Min, Hsa\_Max, LabCm\*File, Hsa\_Min, Hsa\_Max, LabCm\*File, delta. Rows correspond to color patches 81-161.

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG65/QG65.HTM>  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

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

TUB-Prüfvorlage QG65; Bunttoncode: H\*e=Y75Ge  
Farben und Farbabstände, ΔE\*

http://130.149.60.45/~farbmetrik/QG65/QG65L0FP.PDF /.PS; 3D-Linearisierung  
F: 3D-Linearisierung QG65/QG65L30FP.DAT in Datei (F), Seite 22/33

Table with columns: n, HHC\*File, rgb\_Rate, icf\_Rate, Hsa\_Rate, rgb\*File, LabCh\*File, cmykn\*SepRate, cmykn\*SepRate, delta, and LabCh\*File. It lists 242 entries corresponding to different color printing plates.



TUB-Prüfvorlage QG65; Bunttoncode: H\*e=Y75Ge  
Farben und Farbabstände, ΔE\*  
Eingabe: rgb/cmyk -> rgbde  
Ausgabe: 3D-Linearisierung cmyk\*.de

0-1132130-F0  
0-1132130-F0

Table with 10 columns: n, HHC\*File, rgb\_Erte, icr\_Erte, Hsa\_Erte, rgp\*Erte, LabC\*Erte, cmyk\*sep\_Erte, Hsa\_Mat, rgp\*Mat, LabC\*Mat, delta. Rows list various color calibration files and their corresponding colorimetric data.

http://130.149.60.45/~farbmetrik/QG65/QG65L0FP.PDF /.PS; 3D-Linearisierung  
F: 3D-Linearisierung QG65/QG65L0FP.DAT in Datei (F), Seite 24/33

Table with columns: n, HHC\*File, rgb\*File, iZt\*File, Hs\*File, rgb\*File, LabC\*File, cmyk\*sep,File, Hs\*File, LabC\*File, LabCH\*File, Hs\*File, rgb\*File, LabC\*File, LabCH\*File. It contains a large set of color calibration data for various color patches.

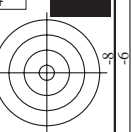
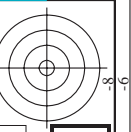
Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/QG65/QG65L0FP.PDF>  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

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

QG650-7N, Seite 24/33-F

TUB-Prüfvorlage QG65; Bunttoncode: H\*e=Y75Gc  
Farben und Farbabstände, ΔE\*

0-1132330-F0









Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmyk\* (CMYK)



http://130.149.60.45/~farbmetrik/QG65/QG65LOFP.PDF /.PS; 3D-Linearisierung  
F: 3D-Linearisierung QG65/QG65LG30FP.DAT in Datei (F), Seite 27/33

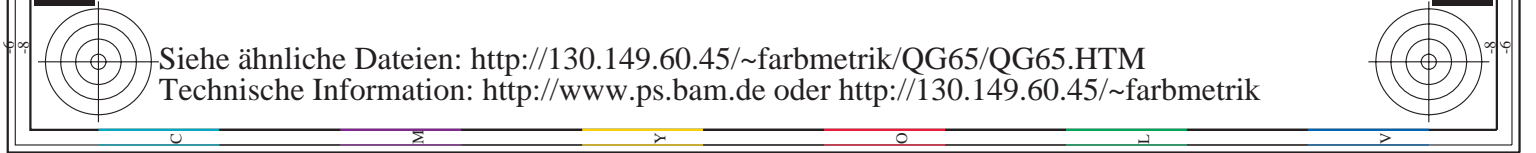
Table with columns: n, HHC\*File, rgb\*File, icl\*File, Hsa\*File, rgb\*File, LabC\*File, LabC\*File, cmyk\*sep, cmyk\*sep, Lab\*File, Hsa\*File, rgb\*File, LabC\*File, LabC\*File, delta. It contains a large grid of numerical data for color calibration.

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/QG65/QG65.HTM  
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

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

TUB-Prüfvorlage QG65; Bunttoncode: H\*e=Y75Ge  
Farben und Farbabstände, ΔE\*

0-1132630-F0  
0-1132630-F0



http://130.149.60.45/~farbmetrik/QG65/QG65L0FP.PDF /.PS; 3D-Linearisierung  
F: 3D-Linearisierung QG65/QG65L0FP.DAT in Datei (F), Seite 28/33

Table with 13 columns: n, HHC\*File, Rgb\*File, iCt\*File, Hs\*File, Rgb\*File, LabCMyk\*File, cmyk\*sep.File, Hs\*File, LabCMyk\*File, LabCMyk\*File, Rgb\*File, Hs\*File. Contains 728 rows of data points.

Eingabe: rgb/cmyk -> rgb/de  
Ausgabe: 3D-Linearisierung cmyk6\*.de  
delta

http://130.149.60.45/~farbmetrik/QG65/QG65L0FP.PDF /.PS; 3D-Linearisierung  
F: 3D-Linearisierung QG65/QG65LG30FP.DAT in Datei (F), Seite 29/33

Table with 10 columns: n, H#C\*File, rpb\_Rate, icr\_File, H#s\_File, rpb\*File, LabC\*File, LabC\*File, cmyk\*\_sep,Rate, cmyk\*\_sep,Rate, H#m\*File, rpb\*File, LabC\*File, LabC\*File, delta. Rows include color names like NV\_100, G50B\_100, etc.

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

TUB-Prüfvorlage QG65; Bunttoncode: H\*e=Y75Ge  
Farben und Farbabstände, ΔE\*



TUB-Registrierung: 20130201-QG65/QG65L0FP.PDF /.PS TUB-Material: Code=rha4ta Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmyk6\* (CMYK)

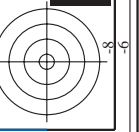
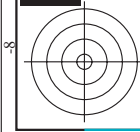
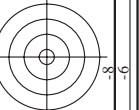
http://130.149.60.45/~farbmetrik/QG65/QG65L0FP.PDF /.PS; 3D-Linearisierung QG65/QG65L0FP.DAT in Datei (F), Seite 31/33 F: 3D-Linearisierung QG65/QG65L0FP.DAT in Datei (F), Seite 31/33

Table with columns: n, HIC\*File, rgb\*File, rgb\*Rate, iet\*File, Hsa\*File, rgb\*File, LabC\*File, LabC\*Rate, cmyk\*File, cmyk\*Rate, Hsa\*File, rgb\*File, LabC\*File, LabC\*Rate, delta

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/QG65/QG65.HTM Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

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

TUB-Prüfvorlage QG65; Bunttoncode: H\*e=Y75Ge Farben und Farbabstände, ΔE\* \* 3D-Linearisierung cmyk\*.de



n	HC*File	rgb_Role	iefc_Role	hsa_Fate	rgb*Fate	LabC*Fate	cmyk*_sep_Rate	hsa_De	rgb*Fate	LabC*Fate
972	NW_0000.de	0.125	0.125	0.0	0.0	0.0	0.0	360	1.0	95.4
973	NW_012a.de	0.125	0.125	0.0	0.0	17.7	0.0	360	1.0	95.4
974	NW_025a.de	0.25	0.25	0.0	0.0	17.7	0.0	360	1.0	95.4
975	NW_037a.de	0.375	0.375	0.0	0.0	17.7	0.0	360	1.0	95.4
976	NW_050a.de	0.5	0.5	0.0	0.0	17.7	0.0	360	1.0	95.4
977	NW_062a.de	0.625	0.625	0.0	0.0	17.7	0.0	360	1.0	95.4
978	NW_075a.de	0.75	0.75	0.0	0.0	17.7	0.0	360	1.0	95.4
979	NW_087a.de	0.875	0.875	0.0	0.0	17.7	0.0	360	1.0	95.4
980	NW_100a.de	1.0	1.0	0.0	0.0	17.7	0.0	360	1.0	95.4
981	NW_0000.de	0.0	0.0	0.0	0.0	17.7	0.0	360	1.0	95.4
982	NW_012a.de	0.125	0.125	0.0	0.0	17.7	0.0	360	1.0	95.4
983	NW_025a.de	0.25	0.25	0.0	0.0	17.7	0.0	360	1.0	95.4
984	NW_037a.de	0.375	0.375	0.0	0.0	17.7	0.0	360	1.0	95.4
985	NW_050a.de	0.5	0.5	0.0	0.0	17.7	0.0	360	1.0	95.4
986	NW_062a.de	0.625	0.625	0.0	0.0	17.7	0.0	360	1.0	95.4
987	NW_075a.de	0.75	0.75	0.0	0.0	17.7	0.0	360	1.0	95.4
988	NW_087a.de	0.875	0.875	0.0	0.0	17.7	0.0	360	1.0	95.4
989	NW_100a.de	1.0	1.0	0.0	0.0	17.7	0.0	360	1.0	95.4
990	NW_0000.de	0.0	0.0	0.0	0.0	17.7	0.0	360	1.0	95.4
991	NW_012a.de	0.125	0.125	0.0	0.0	17.7	0.0	360	1.0	95.4
992	NW_025a.de	0.25	0.25	0.0	0.0	17.7	0.0	360	1.0	95.4
993	NW_037a.de	0.375	0.375	0.0	0.0	17.7	0.0	360	1.0	95.4
994	NW_050a.de	0.5	0.5	0.0	0.0	17.7	0.0	360	1.0	95.4
995	NW_062a.de	0.625	0.625	0.0	0.0	17.7	0.0	360	1.0	95.4
996	NW_075a.de	0.75	0.75	0.0	0.0	17.7	0.0	360	1.0	95.4
997	NW_087a.de	0.875	0.875	0.0	0.0	17.7	0.0	360	1.0	95.4
998	NW_100a.de	1.0	1.0	0.0	0.0	17.7	0.0	360	1.0	95.4
999	NW_0000.de	0.0	0.0	0.0	0.0	17.7	0.0	360	1.0	95.4
1000	NW_012a.de	0.125	0.125	0.0	0.0	17.7	0.0	360	1.0	95.4
1001	NW_025a.de	0.25	0.25	0.0	0.0	17.7	0.0	360	1.0	95.4
1002	NW_037a.de	0.375	0.375	0.0	0.0	17.7	0.0	360	1.0	95.4
1003	NW_050a.de	0.5	0.5	0.0	0.0	17.7	0.0	360	1.0	95.4
1004	NW_062a.de	0.625	0.625	0.0	0.0	17.7	0.0	360	1.0	95.4
1005	NW_075a.de	0.75	0.75	0.0	0.0	17.7	0.0	360	1.0	95.4
1006	NW_087a.de	0.875	0.875	0.0	0.0	17.7	0.0	360	1.0	95.4
1007	NW_100a.de	1.0	1.0	0.0	0.0	17.7	0.0	360	1.0	95.4
1008	NW_0000.de	0.0	0.0	0.0	0.0	17.7	0.0	360	1.0	95.4
1009	NW_012a.de	0.125	0.125	0.0	0.0	17.7	0.0	360	1.0	95.4
1010	NW_025a.de	0.25	0.25	0.0	0.0	17.7	0.0	360	1.0	95.4
1011	NW_037a.de	0.375	0.375	0.0	0.0	17.7	0.0	360	1.0	95.4
1012	NW_050a.de	0.5	0.5	0.0	0.0	17.7	0.0	360	1.0	95.4
1013	NW_062a.de	0.625	0.625	0.0	0.0	17.7	0.0	360	1.0	95.4
1014	NW_075a.de	0.75	0.75	0.0	0.0	17.7	0.0	360	1.0	95.4
1015	NW_087a.de	0.875	0.875	0.0	0.0	17.7	0.0	360	1.0	95.4
1016	NW_100a.de	1.0	1.0	0.0	0.0	17.7	0.0	360	1.0	95.4
1017	NW_0000.de	0.0	0.0	0.0	0.0	17.7	0.0	360	1.0	95.4
1018	NW_012a.de	0.125	0.125	0.0	0.0	17.7	0.0	360	1.0	95.4
1019	NW_025a.de	0.25	0.25	0.0	0.0	17.7	0.0	360	1.0	95.4
1020	NW_037a.de	0.375	0.375	0.0	0.0	17.7	0.0	360	1.0	95.4
1021	NW_050a.de	0.5	0.5	0.0	0.0	17.7	0.0	360	1.0	95.4
1022	NW_062a.de	0.625	0.625	0.0	0.0	17.7	0.0	360	1.0	95.4
1023	NW_075a.de	0.75	0.75	0.0	0.0	17.7	0.0	360	1.0	95.4
1024	NW_087a.de	0.875	0.875	0.0	0.0	17.7	0.0	360	1.0	95.4
1025	NW_100a.de	1.0	1.0	0.0	0.0	17.7	0.0	360	1.0	95.4
1026	NW_0000.de	0.0	0.0	0.0	0.0	17.7	0.0	360	1.0	95.4
1027	NW_012a.de	0.125	0.125	0.0	0.0	17.7	0.0	360	1.0	95.4
1028	NW_025a.de	0.25	0.25	0.0	0.0	17.7	0.0	360	1.0	95.4
1029	NW_037a.de	0.375	0.375	0.0	0.0	17.7	0.0	360	1.0	95.4
1030	NW_050a.de	0.5	0.5	0.0	0.0	17.7	0.0	360	1.0	95.4
1031	NW_062a.de	0.625	0.625	0.0	0.0	17.7	0.0	360	1.0	95.4
1032	NW_075a.de	0.75	0.75	0.0	0.0	17.7	0.0	360	1.0	95.4
1033	NW_087a.de	0.875	0.875	0.0	0.0	17.7	0.0	360	1.0	95.4
1034	NW_100a.de	1.0	1.0	0.0	0.0	17.7	0.0	360	1.0	95.4
1035	NW_0000.de	0.0	0.0	0.0	0.0	17.7	0.0	360	1.0	95.4
1036	NW_012a.de	0.125	0.125	0.0	0.0	17.7	0.0	360	1.0	95.4
1037	NW_025a.de	0.25	0.25	0.0	0.0	17.7	0.0	360	1.0	95.4
1038	NW_037a.de	0.375	0.375	0.0	0.0	17.7	0.0	360	1.0	95.4
1039	NW_050a.de	0.5	0.5	0.0	0.0	17.7	0.0	360	1.0	95.4
1040	NW_062a.de	0.625	0.625	0.0	0.0	17.7	0.0	360	1.0	95.4
1041	NW_075a.de	0.75	0.75	0.0	0.0	17.7	0.0	360	1.0	95.4
1042	NW_087a.de	0.875	0.875	0.0	0.0	17.7	0.0	360	1.0	95.4
1043	NW_100a.de	1.0	1.0	0.0	0.0	17.7	0.0	360	1.0	95.4
1044	NW_0000.de	0.0	0.0	0.0	0.0	17.7	0.0	360	1.0	95.4
1045	NW_012a.de	0.125	0.125	0.0	0.0	17.7	0.0	360	1.0	95.4
1046	NW_025a.de	0.25	0.25	0.0	0.0	17.7	0.0	360	1.0	95.4
1047	NW_037a.de	0.375	0.375	0.0	0.0	17.7	0.0	360	1.0	95.4
1048	NW_050a.de	0.5	0.5	0.0	0.0	17.7	0.0	360	1.0	95.4
1049	NW_062a.de	0.625	0.625	0.0	0.0	17.7	0.0	360	1.0	95.4
1050	NW_075a.de	0.75	0.75	0.0	0.0	17.7	0.0	360	1.0	95.4
1051	NW_087a.de	0.875	0.875	0.0	0.0	17.7	0.0	360	1.0	95.4
1052	NW_100a.de	1.0	1.0	0.0	0.0	17.7	0.0	360	1.0	95.4





n	HC*File	rgb*File	icr*File	hsv*File	hsl*File	rgb*File	LabC*File	LabCP*File	cmyk*sep*File	0.007	0.0	0.179	hsv*File	hsl*File	rgb*File	LabC*File	LabCP*File	0.0	0.0
1053	NW_086de	0.866	0.866	0.866	0.866	0.866	85.0	85.0	0.024	0.007	0.0	0.179	360	360	1.0	1.0	95.4	0.0	0.0
1054	NW_093de	0.933	0.933	0.933	0.933	0.933	90.2	90.2	0.024	0.005	0.0	0.084	360	360	1.0	1.0	95.4	0.0	0.0
1055	NW_100de	1.0	1.0	1.0	1.0	1.0	100.0	100.0	0.0	0.0	0.0	1.0	360	360	1.0	1.0	95.4	0.0	0.0
1056	NW_100de	0.066	0.066	0.066	0.066	0.066	17.7	17.7	0.0	0.0	0.0	0.0	360	360	1.0	1.0	95.4	0.0	0.0
1057	NW_006de	0.133	0.133	0.133	0.133	0.133	22.8	22.8	0.139	0.022	0.0	0.933	360	360	1.0	1.0	95.4	0.0	0.0
1058	NW_013de	0.2	0.2	0.2	0.2	0.2	33.2	33.2	0.0	0.043	0.048	0.871	360	360	1.0	1.0	95.4	0.0	0.0
1059	NW_020de	0.266	0.266	0.266	0.266	0.266	43.6	43.6	0.0	0.057	0.057	0.825	360	360	1.0	1.0	95.4	0.0	0.0
1060	NW_026de	0.333	0.333	0.333	0.333	0.333	48.8	48.8	0.013	0.015	0.0	0.781	360	360	1.0	1.0	95.4	0.0	0.0
1061	NW_033de	0.4	0.4	0.4	0.4	0.4	59.1	59.1	0.0	0.016	0.005	0.731	360	360	1.0	1.0	95.4	0.0	0.0
1062	NW_040de	0.466	0.466	0.466	0.466	0.466	64.3	64.3	0.0	0.019	0.018	0.628	360	360	1.0	1.0	95.4	0.0	0.0
1063	NW_046de	0.533	0.533	0.533	0.533	0.533	69.5	69.5	0.021	0.027	0.0	0.541	360	360	1.0	1.0	95.4	0.0	0.0
1064	NW_053de	0.6	0.6	0.6	0.6	0.6	74.7	74.7	0.006	0.006	0.0	0.478	360	360	1.0	1.0	95.4	0.0	0.0
1065	NW_060de	0.666	0.666	0.666	0.666	0.666	79.9	79.9	0.021	0.011	0.0	0.405	360	360	1.0	1.0	95.4	0.0	0.0
1066	NW_073de	0.734	0.734	0.734	0.734	0.734	85.0	85.0	0.024	0.024	0.0	0.322	360	360	1.0	1.0	95.4	0.0	0.0
1067	NW_080de	0.8	0.8	0.8	0.8	0.8	90.2	90.2	0.0	0.007	0.005	0.26	360	360	1.0	1.0	95.4	0.0	0.0
1068	NW_086de	0.866	0.866	0.866	0.866	0.866	95.4	95.4	0.002	0.005	0.0	0.179	360	360	1.0	1.0	95.4	0.0	0.0
1069	NW_093de	1.0	1.0	1.0	1.0	1.0	100.0	100.0	0.0	0.024	0.0	0.084	360	360	1.0	1.0	95.4	0.0	0.0
1070	NW_100de	1.0	1.0	1.0	1.0	1.0	100.0	100.0	0.0	0.0	0.0	1.0	360	360	1.0	1.0	95.4	0.0	0.0
1071	NW_100de	0.0	0.0	0.0	0.0	0.0	17.7	17.7	0.0	0.0	0.0	0.0	360	360	1.0	1.0	95.4	0.0	0.0
1072	NW_100de	1.0	1.0	1.0	1.0	1.0	95.4	95.4	0.0	0.0	0.0	0.0	360	360	1.0	1.0	95.4	0.0	0.0
1073	ROY_100_100de	1.0	1.0	1.0	1.0	1.0	100.0	100.0	0.0	0.0	0.0	0.0	360	360	1.0	1.0	95.4	0.0	0.0
1074	ROY_100_100de	0.0	0.0	0.0	0.0	0.0	209	209	0.0	0.0	0.0	0.789	195	195	0.0	0.0	47.6	64.9	30.9
1075	G50B_100_100de	0.0	0.0	0.0	0.0	0.0	39.7	39.7	1.0	1.0	0.0	0.264	378	378	0.0	0.0	36.6	39.7	216.9
1076	Y06G_100_100de	0.0	0.0	0.0	0.0	0.0	84.1	84.1	0.0	0.159	0.0	1.0	81	81	0.0	0.0	82.9	87.8	87.9
1077	B00G_100_100de	0.0	0.0	0.0	0.0	0.0	3.74	3.74	0.0	0.623	0.0	0.0	248	248	0.0	0.0	37.9	1.3	21.7
1078	B00R_100_100de	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.999	0.0	0.965	0.0	28	28	0.0	0.0	52.4	67.1	70.5
1079	B50R_100_100de	1.0	1.0	1.0	1.0	1.0	100.0	100.0	0.59	1.0	0.0	0.0	293	293	0.407	0.0	34.8	49.2	328.6

delta