

Ein- und Ausgabe: Offset-Reflektiv-System ORS18a für relativen CIELAB-Buntton  $h_{ab,a,rel} = h_{ab}/360 = 353/360 = 0.98$

$H^*_- = B50R_-$

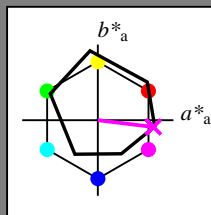
Daten für jede Geräte- (d) oder  
 Elementarfarbe (e):

$HIC^*_-$

Bunttontext für die Farben  
 dieser Seite:

$H^*_- = B50R_-$

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

Daten für Maximalfarbe (Ma):

$LabCh^*_{-,Ma}$ : 49 73 -9 74 353

$HIC^*_{-,Ma}$ : B50R\_100\_100\_

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

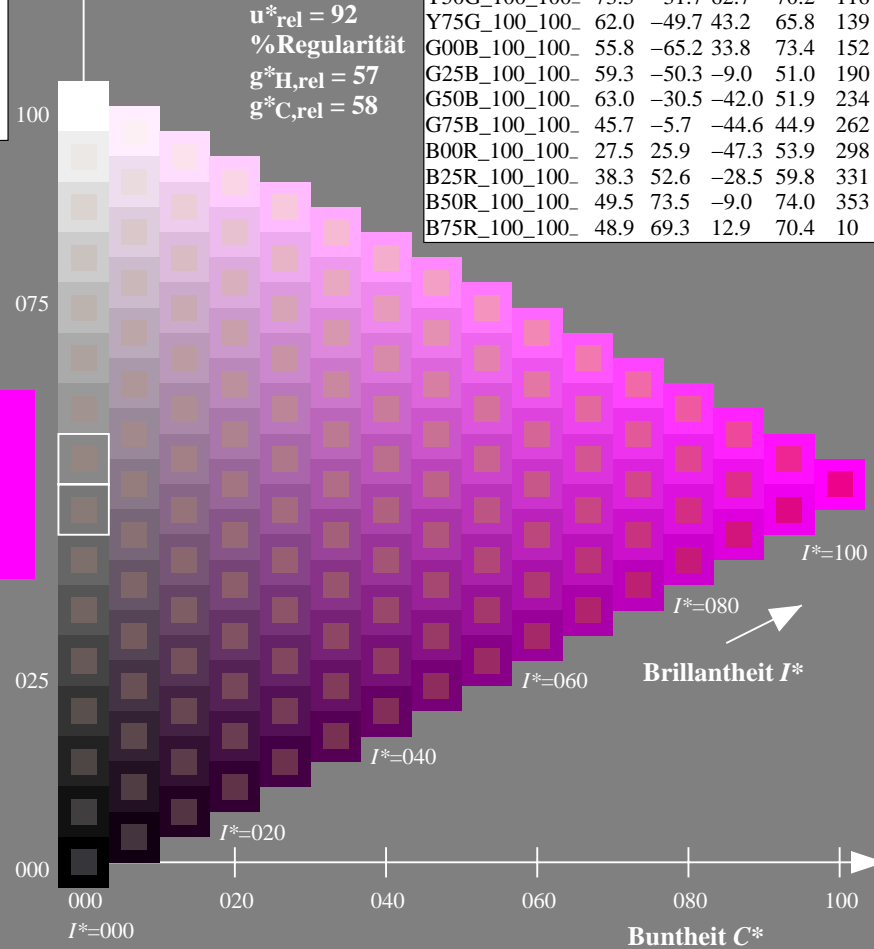
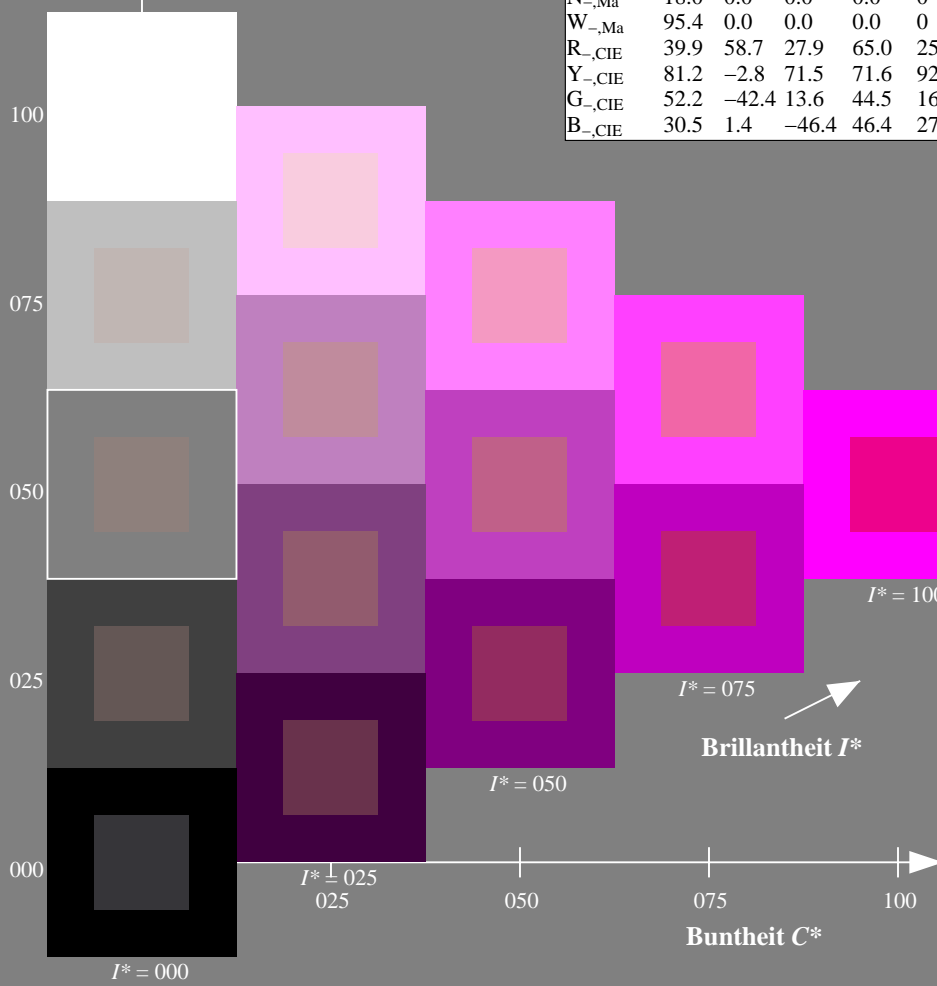
1.0 0.0 1.0 1.0 1.0

Dreiecks-Helligkeit  $T^*$

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

**ORS20a; adaptierte CIELAB-Daten**

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



Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/RG34/RG34.HTM>  
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20130201-RG34/RG34L0NP.PDF /.PS  
 Anwendung für Messung von Offsetdruck-Ausgabe

TUB-Material: Code=rh4ta

Ein- und Ausgabe: Offset-Reflektiv-System ORS18a für relativen CIELAB-Buntton  $h_{ab,a,rel} = h_{ab}/360 = 353/360 = 0.98$

$H^*_d = B50R_d$

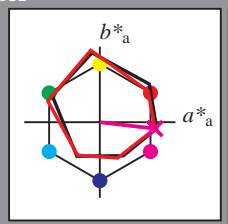
Daten für jede Geräte- (d) oder Elementarfarbe (e):

$HIC^*_d$

Bunttontext für die Farben dieser Seite:

$H^*_d = B50R_d$

Dreiecks-Helligkeit  $T^*$



**ORS20a; adaptierte CIELAB-Daten**

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

Daten für Maximalfarbe (Ma):

$LabCh^*_d, Ma$ : 48 72 -8 73 353

$HIC^*_d, Ma$ : B50R\_100\_100d

$rgbic^*_d, Ma$ :

1.0 0.0 1.0 1.0 1.0

Dreiecks-Helligkeit  $T^*$

%Umfang

$u^*_{rel} = 92$

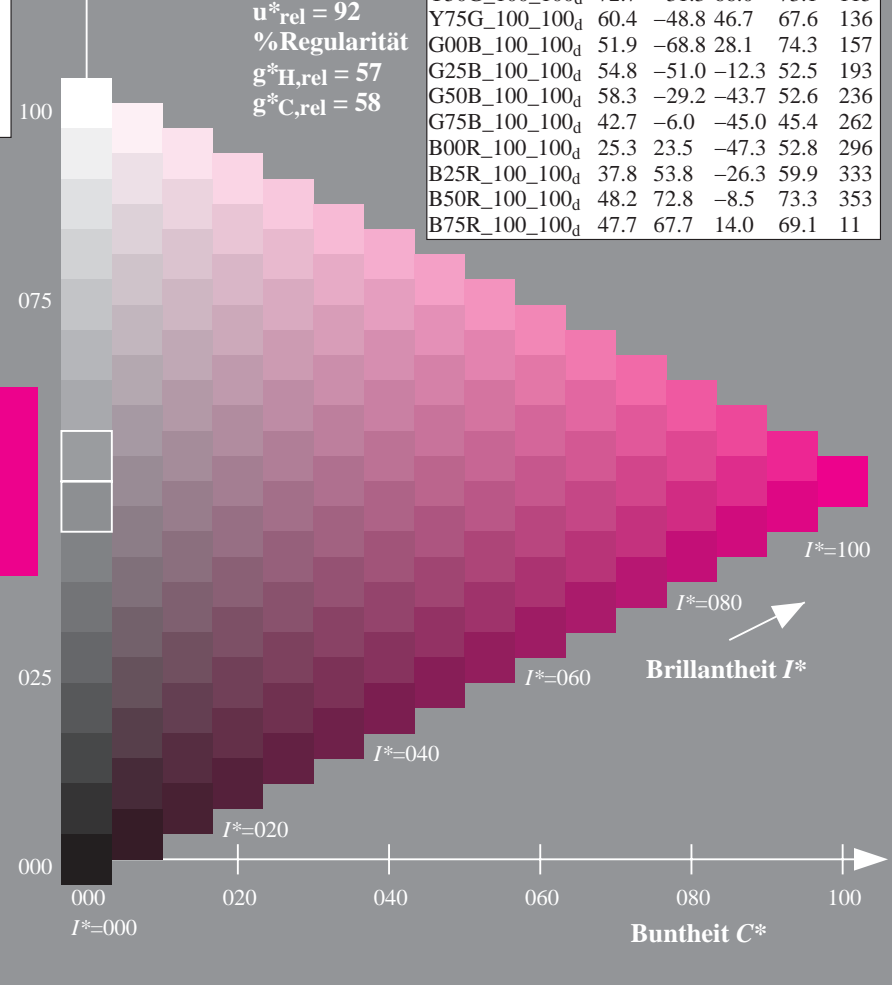
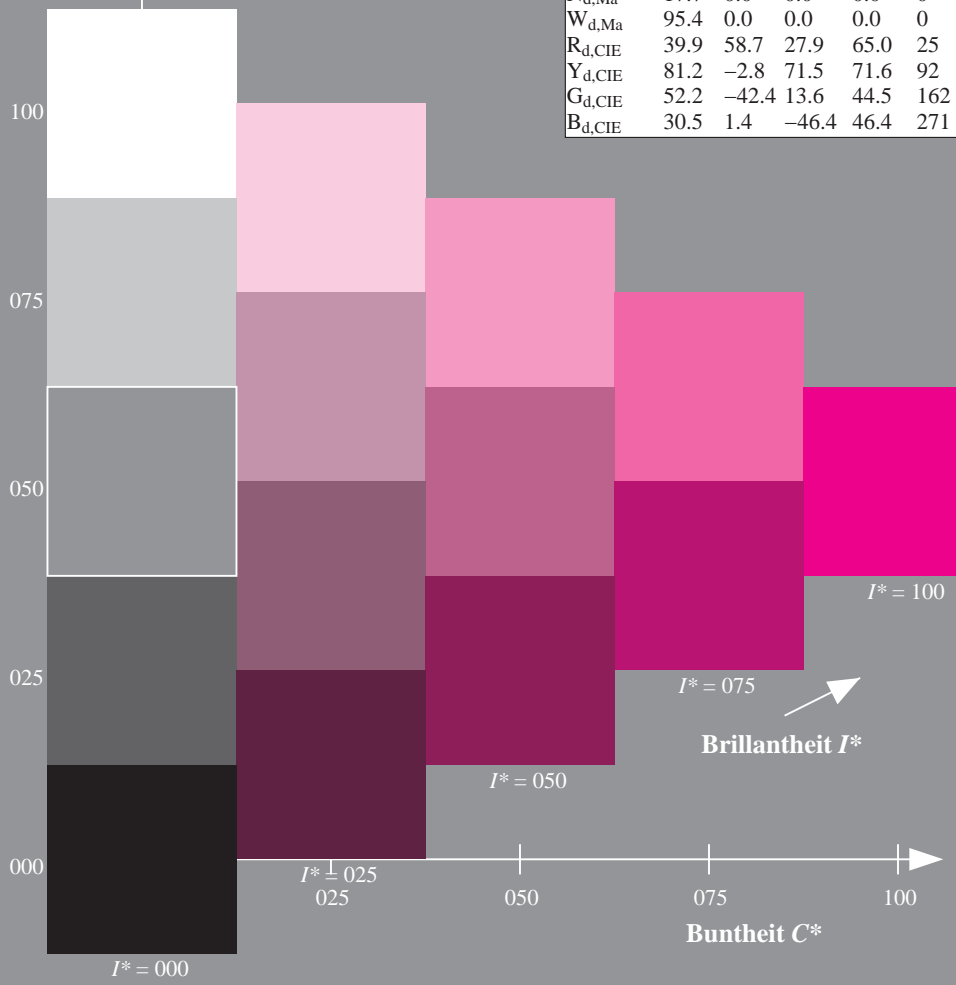
%Regularität

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

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

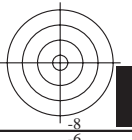
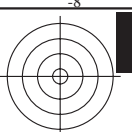
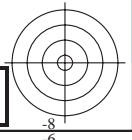
**ORS20a; adaptierte CIELAB-Daten**

$H^*_d$	$L^*=L^*_a a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100d	47.3	63.8	41.2	76.0
R25Y_100_100d	55.3	45.8	52.2	69.5
R50Y_100_100d	67.2	22.6	67.6	71.2
R75Y_100_100d	79.9	1.0	83.9	83.9
Y00G_100_100d	88.3	-11.9	95.1	95.8
Y25G_100_100d	83.3	-19.2	83.7	85.9
Y50G_100_100d	72.7	-31.3	66.0	73.1
Y75G_100_100d	60.4	-48.8	46.7	67.6
G00B_100_100d	51.9	-68.8	28.1	74.3
G25B_100_100d	54.8	-51.0	-12.3	52.5
G50B_100_100d	58.3	-29.2	-43.7	52.6
G75B_100_100d	42.7	-6.0	-45.0	45.4
B00R_100_100d	25.3	23.5	-47.3	52.8
B25R_100_100d	37.8	53.8	-26.3	59.9
B50R_100_100d	48.2	72.8	-8.5	73.3
B75R_100_100d	47.7	67.7	14.0	69.1



Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/RG34/RG34L0NP.PDF> / .PS  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20130201-RG34/RG34L0NP.PDF /.PS TUB-Material: Code=rh4ta  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmyrn6 (CMYK)



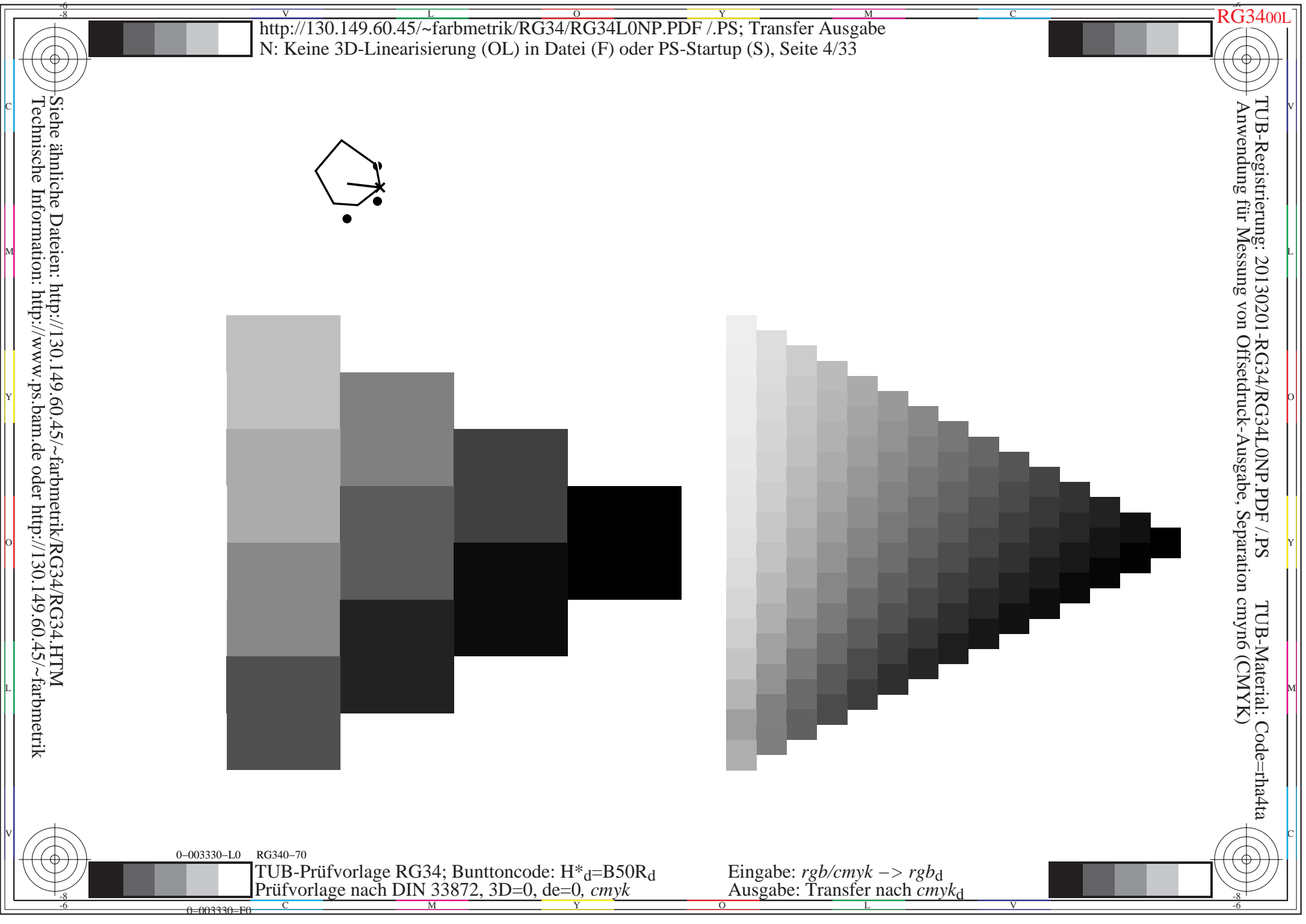
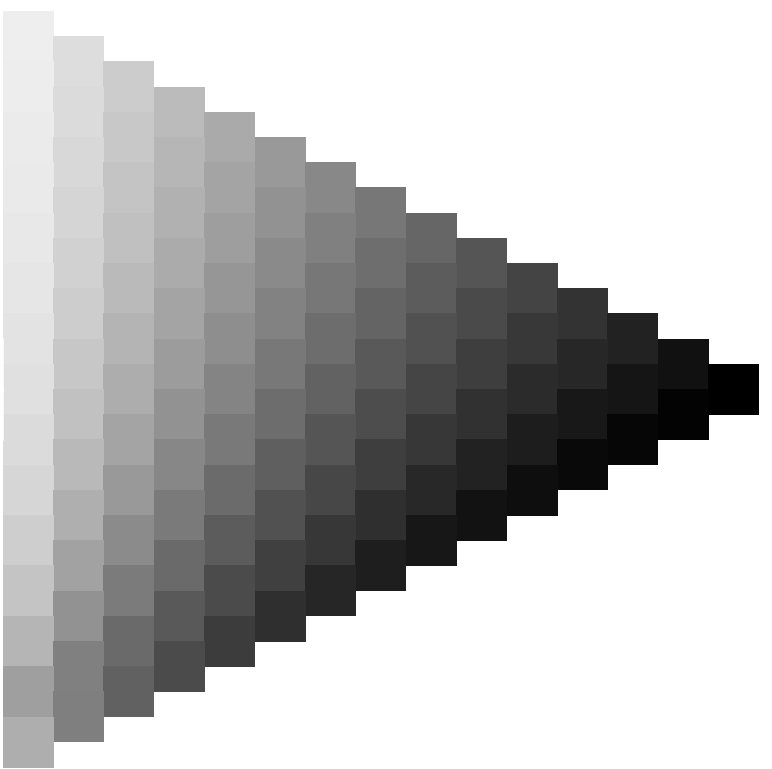
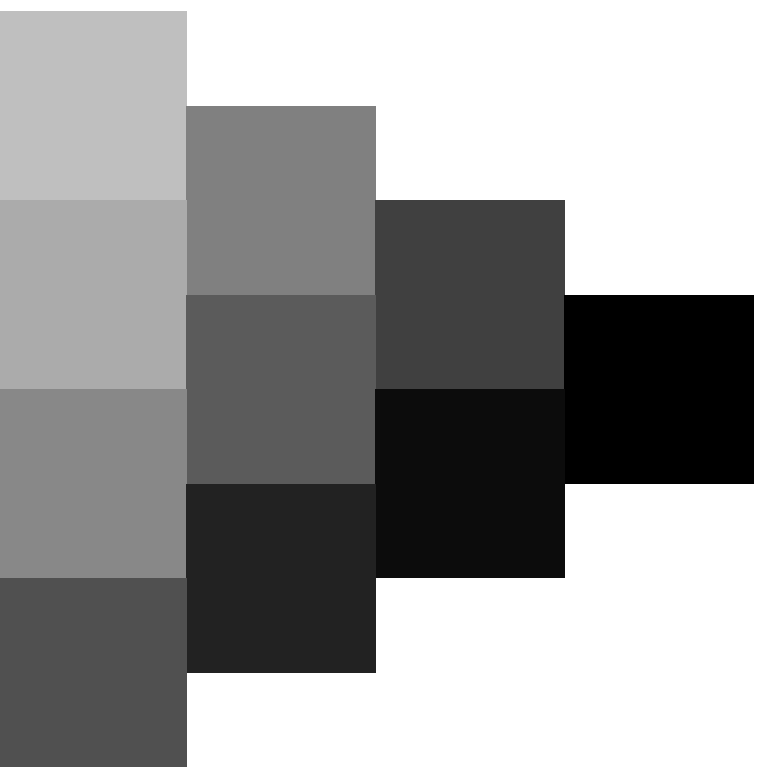
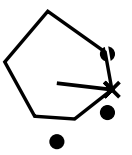
0-003230-L0 RG340-70

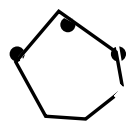
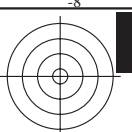
TUB-Prüfvorlage RG34; Bunttoncode:  $H^*_d=B50R_d$   
Prüfvorlage nach DIN 33872, 3D=0, de=0, cmyk

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

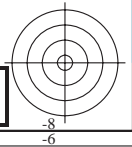
0-003230-F0





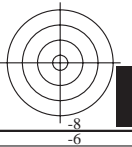


Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/RG34/RG34.HTM>  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>



Eingabe: *rgb/cmyk* -> *rgb<sub>d</sub>*  
Ausgabe: Transfer nach *cmyk<sub>d</sub>*

TUB-Prüfvorlage RG34; Bunttoncode: H\*<sub>d</sub>=B50R<sub>d</sub>  
Prüfvorlage nach DIN 33872, 3D=0, de=0, *cmyk*



0-003430-L0 RG340-70

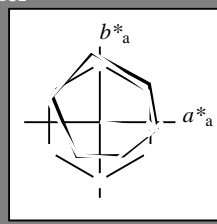
0-003430-F0

Ein- und Ausgabe: Offset-Reflektiv-System ORS18a für relativen CIELAB-Buntton  $h_{ab,a,rel} = h_{ab}/360 = 353/360 = 0.98$

$H^*_d = B50R_d$

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

$HIC^*_d$   
Bunttext für die Farben dieser Seite:  
 $H^*_d = B50R_d$   
Dreiecks-Helligkeit  $T^*$



**ORS20a; adaptierte CIELAB-Daten**

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R <sub>d, Ma</sub>	47.3	63.8	41.2	76.0	32
Y <sub>d, Ma</sub>	88.3	-11.9	95.1	95.8	97
G <sub>d, Ma</sub>	51.9	-68.8	28.1	74.3	157
C <sub>d, Ma</sub>	58.3	-29.2	-43.7	52.6	236
B <sub>d, Ma</sub>	25.3	23.5	-47.3	52.8	296
M <sub>d, Ma</sub>	48.2	72.8	-8.5	73.3	353
N <sub>d, Ma</sub>	17.7	0.0	0.0	0.0	0
W <sub>d, Ma</sub>	95.4	0.0	0.0	0.0	0
R <sub>d, CIE</sub>	39.9	58.7	27.9	65.0	25
Y <sub>d, CIE</sub>	81.2	-2.8	71.5	71.6	92
G <sub>d, CIE</sub>	52.2	-42.4	13.6	44.5	162
B <sub>d, CIE</sub>	30.5	1.4	-46.4	46.4	271

Daten für Maximalfarbe (Ma):

$LabCh^*_d, Ma$ : 48 72 -8 73 353

$HIC^*_d, Ma$ : B50R\_100\_100<sub>d</sub>

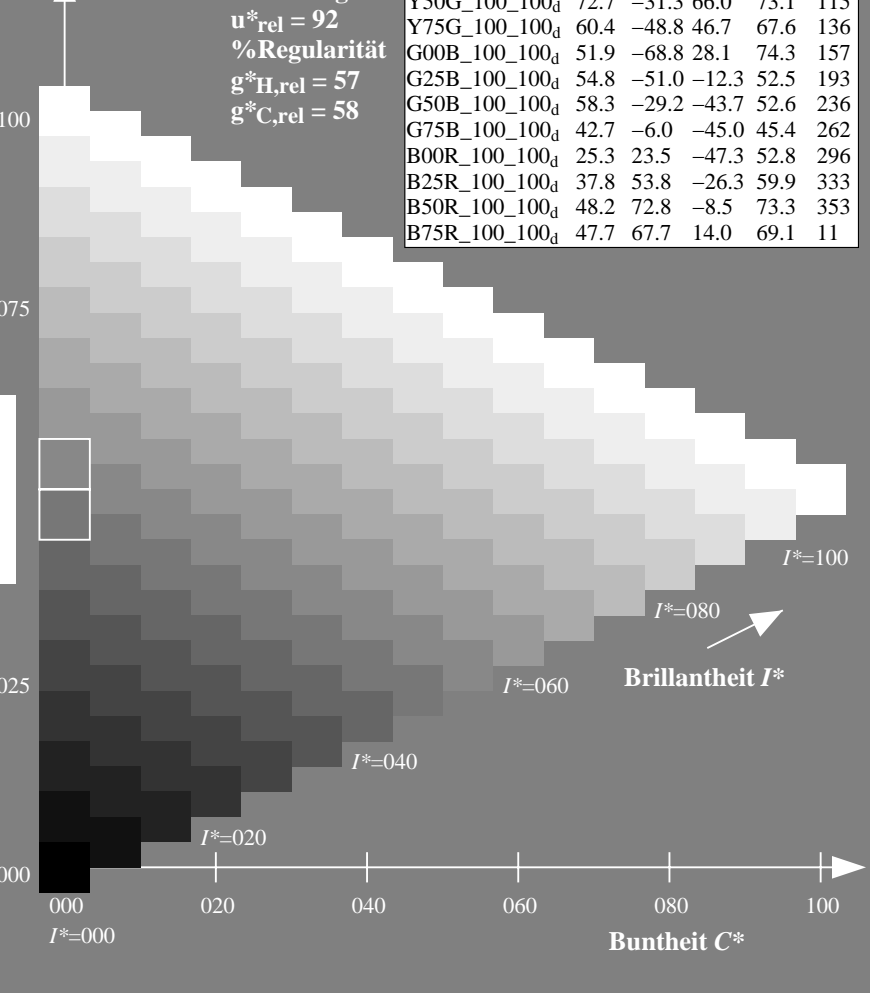
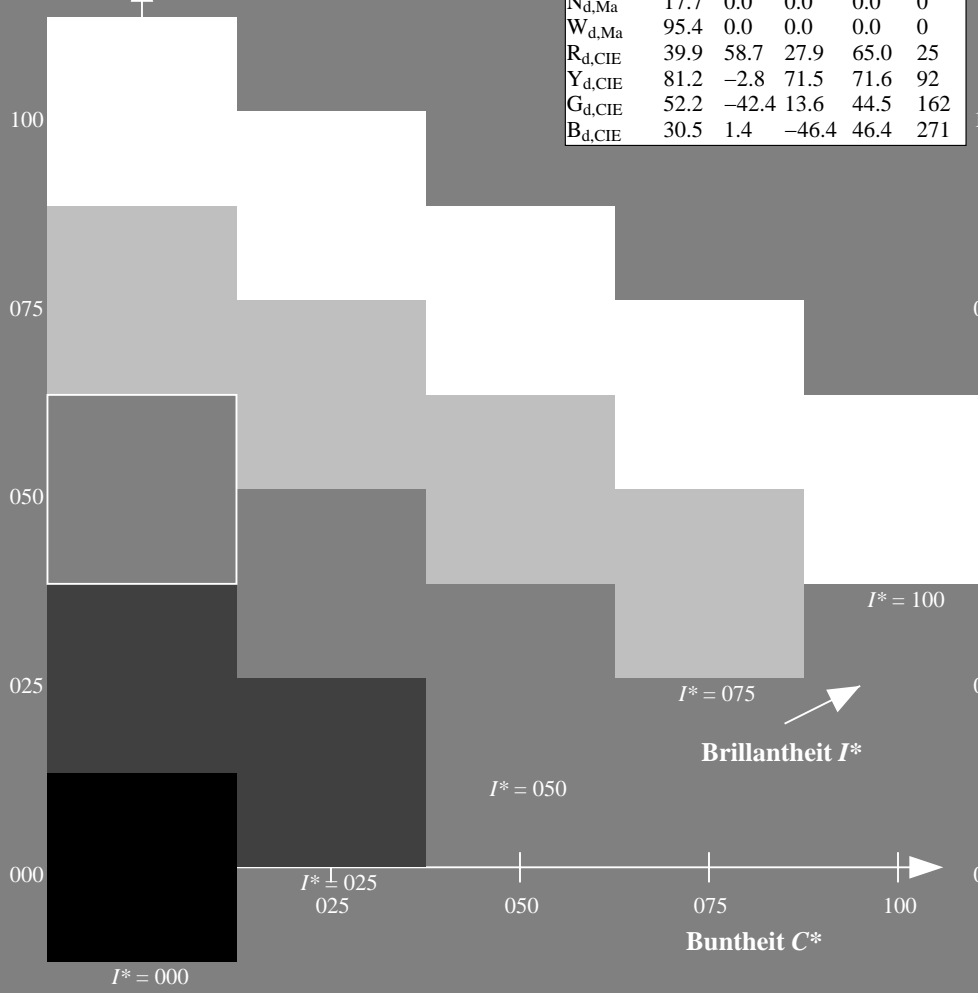
$rgbic^*_d, Ma$ :  
1.0 0.0 1.0 1.0 1.0

Dreiecks-Helligkeit  $T^*$

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

**ORS20a; adaptierte CIELAB-Daten**

$H^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 <sub>d</sub>	47.3	63.8	41.2	76.0	32
R25Y_100_100 <sub>d</sub>	55.3	45.8	52.2	69.5	48
R50Y_100_100 <sub>d</sub>	67.2	22.6	67.6	71.2	71
R75Y_100_100 <sub>d</sub>	79.9	1.0	83.9	83.9	89
Y00G_100_100 <sub>d</sub>	88.3	-11.9	95.1	95.8	97
Y25G_100_100 <sub>d</sub>	83.3	-19.2	83.7	85.9	102
Y50G_100_100 <sub>d</sub>	72.7	-31.3	66.0	73.1	115
Y75G_100_100 <sub>d</sub>	60.4	-48.8	46.7	67.6	136
G00B_100_100 <sub>d</sub>	51.9	-68.8	28.1	74.3	157
G25B_100_100 <sub>d</sub>	54.8	-51.0	-12.3	52.5	193
G50B_100_100 <sub>d</sub>	58.3	-29.2	-43.7	52.6	236
G75B_100_100 <sub>d</sub>	42.7	-6.0	-45.0	45.4	262
B00R_100_100 <sub>d</sub>	25.3	23.5	-47.3	52.8	296
B25R_100_100 <sub>d</sub>	37.8	53.8	-26.3	59.9	333
B50R_100_100 <sub>d</sub>	48.2	72.8	-8.5	73.3	353
B75R_100_100 <sub>d</sub>	47.7	67.7	14.0	69.1	11



Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/RG34/RG34L0NP.PDF> / .PS; Transfer Ausgabe  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20130201-RG34/RG34L0NP.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 cmyln6\*; D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RYGCMB<sub>s</sub>: h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben RYGCMB<sub>d</sub>: h<sub>ab,d</sub> = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Sechs Bunttonwinkel der Elementarfarben RYGCMB<sub>e</sub>: h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

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

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

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

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

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

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

Y<sub>e</sub> yellowGelb  
LCH\*<sub>e</sub> = 82.9 87.9 92.3  
LAB\*<sub>e</sub> = 82.9 -3.5 87.8  
rgb\*<sub>de</sub> = 1.0 0.841 0.0

G<sub>e</sub> greenGrün  
LCH\*<sub>e</sub> = 52.4 70.5 162.2  
LAB\*<sub>e</sub> = 52.4 -67.1 21.5  
rgb\*<sub>de</sub> = 0.0 1.0 0.093

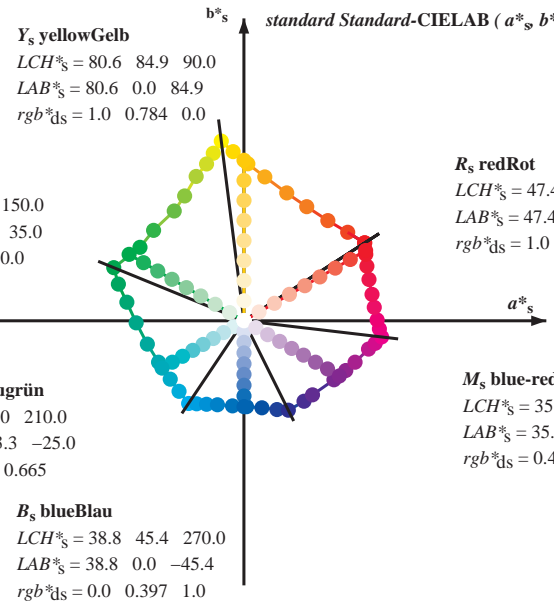
C<sub>e</sub> blue-greenBlaugrün  
LCH\*<sub>e</sub> = 56.6 49.8 216.9  
LAB\*<sub>e</sub> = 56.6 -39.7 -29.9  
rgb\*<sub>de</sub> = 0.0 1.0 0.735

B<sub>e</sub> blueBlau  
LCH\*<sub>e</sub> = 37.9 45.4 271.7  
LAB\*<sub>e</sub> = 37.9 1.3 -45.4  
rgb\*<sub>de</sub> = 0.0 0.374 1.0

R<sub>e</sub> redRot  
LCH\*<sub>e</sub> = 47.6 71.9 25.4  
LAB\*<sub>e</sub> = 47.6 64.9 30.9  
rgb\*<sub>de</sub> = 1.0 0.0 0.209

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

standard Standard-CIELAB (a\*s, b\*s) chroma diagram-Diagramm



Y<sub>s</sub> yellowGelb  
LCH\*<sub>s</sub> = 80.6 84.9 90.0  
LAB\*<sub>s</sub> = 80.6 0.0 84.9  
rgb\*<sub>ds</sub> = 1.0 0.784 0.0

G<sub>s</sub> greenGrün  
LCH\*<sub>s</sub> = 55.1 70.1 150.0  
LAB\*<sub>s</sub> = 55.1 -60.7 35.0  
rgb\*<sub>ds</sub> = 0.074 1.0 0.0

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

R<sub>s</sub> redRot  
LCH\*<sub>s</sub> = 47.4 74.2 30.0  
LAB\*<sub>s</sub> = 47.4 64.3 37.1  
rgb\*<sub>ds</sub> = 1.0 0.0 0.084

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

B<sub>s</sub> blueBlau  
LCH\*<sub>s</sub> = 38.8 45.4 270.0  
LAB\*<sub>s</sub> = 38.8 0.0 -45.4  
rgb\*<sub>ds</sub> = 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\*-input values the CIELAB data-Eingabedaten wurden die CIELAB-Daten LCH\*<sub>s</sub> und LAB\*<sub>s</sub> have been calculated.
- For the calculation of the standard hue angle h<sub>ab,s</sub>, use for any device values rgb\* the equation:  

$$h_{ab,s} = atan [ r*_d cos(30) + g*_d cos(150) ] / [ r*_d sin(30) + g*_d sin(150) + b*_d sin(270) ] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles 3. Für die 48 oder 360 gleichabständig gestuften Standard-Buntonwinkel h<sub>ab,s</sub> of the color the seven hue angles of the 60 degree colours die sieben Bunttonwinkel der 60Grad-Farben s: h<sub>ab,s</sub> = 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 Bunttonkreis:  

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

$$h_{360ab,sij} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$
- For the 48 or 360 elementary hue angles 4. Für die 48 oder 360 Elementar-Buntonwinkel h<sub>ab,e</sub> of the colours of maximum chroma der Far the seven hue angles of the elementary colours die sieben Bunttonwinkel der Elementarfarben e: h<sub>ab,e</sub> = 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<sub>ab,e</sub> 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\*<sub>de</sub> produce the output of the device-independent elementary hues erzeugen die Ausgabe der geräteunabhängigen

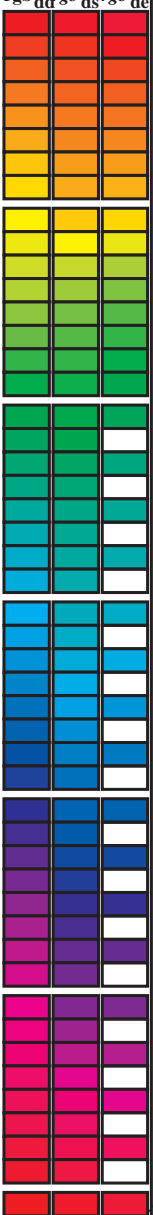
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20130201-RG34/RG34LONP.PDF /PS Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmyln6\*(C/M/Y/K) TUB-Material: Odehrhaka



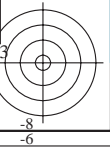
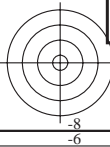
Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmy<sup>6</sup>\*; D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RY<sup>6</sup>CBM<sub>s</sub>; h<sub>ab,dc</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;  
Sechs Bunttonwinkel der Gerätefarben RY<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>c</sub>; h<sub>ab,c</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>\*<sub>dd64M</sub>, LAB\*<sub>ddx64M</sub> (x=LabCh), r<sup>gb</sup>\*<sub>ddx361M</sub>, LAB\*<sub>ddx361M</sub> (x=LabCh), r<sup>gb</sup>\*<sub>dsx361M</sub>, LAB\*<sub>dsx361M</sub> (x=LabCh), r<sup>gb</sup>\*<sub>dex361M</sub>, LAB\*<sub>dex361M</sub> (x=LabCh), and three columns for r<sup>gb</sup>\*<sub>dd</sub>, r<sup>gb</sup>\*<sub>ds</sub>, r<sup>gb</sup>\*<sub>dc</sub>. The table contains 392 rows of color data.



Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/RG34/RG34LONP.PDF> / .PS  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

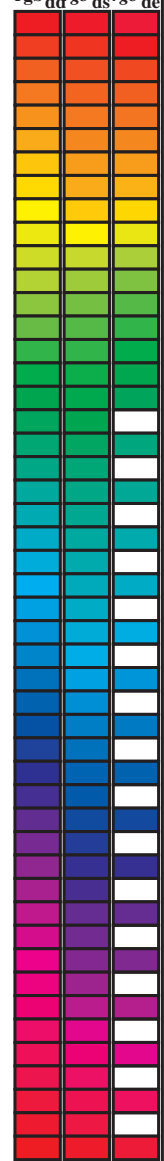
TUB-Registrierung: 20130201-RG34/RG34LONP.PDF /.PS  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmy<sup>6</sup> (CMYK)  
TUB-Material: Code=rh4ta





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>c</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	0.0 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/RG34/RG34L0NP.PDF> / .PS  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20130201-RG34/RG34L0NP.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>n</sup>6\*; D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben  $RYGCBM_s$ ;  $h_{ab,dc} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

Sechs Bunttonwinkel der Gerätefarben  $RYGCBM_d$ ;  $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$ ; Sechs Bunttonwinkel der Elementarfarben  $RYGCBM_c$ ;  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361M}$	$LAB^*_{ddx361Mi}$ (x=LabCh)	$R_d$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$R_s$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$R_c$	$rgb^*_{dd361Mi}$	$rgb^*_{dd}$	$rgb^*_{ds}$	$rgb^*_{dc}$							
32	30	25	1.0	0.0	0.0	47.3	63.8	41.2	76.0	33	1.0	0.0	0.0	0.0	0.0							
33	31	26	1.0	0.016	0.0	47.8	62.7	42.0	75.4	33	1.0	0.0	0.18	47.6	64.8	32.4	72.5	26	1.0	0.017	0.0	
34	32	27	1.0	0.033	0.0	48.3	61.5	42.8	74.9	34	1.0	0.0	0.15	47.5	64.6	33.9	73.0	27	1.0	0.033	0.0	
35	33	28	1.0	0.05	0.0	48.9	60.3	43.6	74.4	35	1.0	0.0	0.119	47.5	64.4	35.5	73.6	28	1.0	0.05	0.0	
36	34	29	1.0	0.066	0.0	49.4	59.1	44.3	73.9	36	1.0	0.0	0.086	47.4	64.3	37.0	74.2	29	1.0	0.067	0.0	
37	35	31	1.0	0.083	0.0	49.9	57.9	45.1	73.4	37	1.0	0.0	0.053	47.4	64.2	38.6	74.9	31	1.0	0.083	0.0	
38	36	32	1.0	0.1	0.0	50.4	56.7	45.7	72.9	38	1.0	0.0	0.02	47.4	64.0	40.2	75.6	32	1.0	0.1	0.0	
39	37	33	1.0	0.116	0.0	50.9	55.5	46.4	72.3	39	1.0	0.0	0.007	0.0	47.6	63.4	41.6	75.8	33	1.0	0.117	0.0
41	38	34	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41	1.0	0.0	0.026	0.0	48.2	62.1	42.5	75.2	34	1.0	0.133	0.0
42	39	35	1.0	0.15	0.0	52.1	52.8	48.1	71.5	42	1.0	0.0	0.044	0.0	48.7	60.8	43.4	74.6	35	1.0	0.15	0.0
43	40	36	1.0	0.166	0.0	52.8	51.4	49.0	71.1	43	1.0	0.0	0.062	0.0	49.3	59.5	44.2	74.1	36	1.0	0.167	0.0
44	41	37	1.0	0.183	0.0	53.4	50.1	49.9	70.7	44	1.0	0.0	0.081	0.0	49.8	58.1	45.0	73.5	37	1.0	0.183	0.0
46	42	38	1.0	0.2	0.0	54.1	48.7	50.7	70.3	46	1.0	0.0	0.099	0.0	50.4	56.8	45.8	72.9	38	1.0	0.2	0.0
47	43	39	1.0	0.216	0.0	54.7	47.3	51.5	69.9	47	1.0	0.0	0.117	0.0	51.0	55.5	46.5	72.4	39	1.0	0.217	0.0
48	44	41	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48	1.0	0.0	0.133	0.0	51.5	54.2	47.3	71.9	41	1.0	0.233	0.0
50	45	42	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50	1.0	0.0	0.148	0.0	52.1	53.0	48.1	71.6	42	1.0	0.25	0.0
51	46	43	1.0	0.266	0.0	56.7	43.0	54.1	69.1	51	1.0	0.0	0.162	0.0	52.7	51.9	48.9	71.2	43	1.0	0.267	0.0
52	47	44	1.0	0.283	0.0	57.4	41.5	55.1	69.1	52	1.0	0.0	0.177	0.0	53.2	50.6	49.6	70.9	44	1.0	0.283	0.0
54	48	45	1.0	0.3	0.0	58.2	40.1	56.2	69.0	54	1.0	0.0	0.191	0.0	53.8	49.4	50.4	70.6	45	1.0	0.3	0.0
55	49	46	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55	1.0	0.0	0.206	0.0	54.3	48.2	51.1	70.2	46	1.0	0.317	0.0
57	50	47	1.0	0.333	0.0	59.6	37.1	58.1	68.9	57	1.0	0.0	0.22	0.0	54.9	47.0	51.7	69.9	47	1.0	0.333	0.0
58	51	48	1.0	0.35	0.0	60.3	35.5	59.0	68.9	58	1.0	0.0	0.235	0.0	55.5	45.7	52.4	69.5	48	1.0	0.35	0.0
60	52	49	1.0	0.366	0.0	61.0	34.0	59.9	68.9	60	1.0	0.0	0.25	0.0	56.0	44.5	53.0	69.2	49	1.0	0.367	0.0
61	53	51	1.0	0.383	0.0	61.8	32.5	60.8	69.0	61	1.0	0.0	0.262	0.0	56.6	43.4	53.8	69.1	51	1.0	0.383	0.0
63	54	52	1.0	0.4	0.0	62.5	31.2	61.9	69.3	63	1.0	0.0	0.275	0.0	57.1	42.4	54.6	69.1	52	1.0	0.4	0.0
64	55	53	1.0	0.416	0.0	63.3	29.8	62.9	69.6	64	1.0	0.0	0.287	0.0	57.6	41.3	55.4	69.1	53	1.0	0.417	0.0
65	56	54	1.0	0.433	0.0	64.1	28.4	63.9	70.0	65	1.0	0.0	0.3	0.0	58.2	40.2	56.2	69.1	54	1.0	0.433	0.0
67	57	55	1.0	0.45	0.0	64.9	27.0	64.9	70.3	67	1.0	0.0	0.312	0.0	58.7	39.0	56.9	69.0	55	1.0	0.45	0.0
68	58	56	1.0	0.466	0.0	65.6	25.6	65.8	70.6	68	1.0	0.0	0.325	0.0	59.3	37.9	57.7	69.0	56	1.0	0.467	0.0
70	59	57	1.0	0.483	0.0	66.4	24.1	66.7	70.9	70	1.0	0.0	0.337	0.0	59.8	36.8	58.4	69.0	57	1.0	0.483	0.0
71	60	58	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71	1.0	0.0	0.35	0.0	60.3	35.6	59.0	69.0	58	1.0	0.5	0.0
72	61	60	1.0	0.516	0.0	68.0	21.2	68.8	72.0	72	1.0	0.0	0.362	0.0	60.9	34.5	59.7	68.9	60	1.0	0.517	0.0
74	62	61	1.0	0.533	0.0	68.9	19.7	70.0	72.8	74	1.0	0.0	0.385	0.0	61.9	33.4	61.0	69.1	62	1.0	0.533	0.0
75	63	62	1.0	0.55	0.0	69.7	18.2	71.2	73.5	75	1.0	0.0	0.397	0.0	62.5	31.5	61.8	69.3	63	1.0	0.55	0.0
76	64	63	1.0	0.566	0.0	70.6	16.7	72.4	74.3	76	1.0	0.0	0.409	0.0	63.0	30.5	62.5	69.6	64	1.0	0.567	0.0
78	65	64	1.0	0.583	0.0	71.5	15.1	73.5	75.0	78	1.0	0.0	0.421	0.0	63.6	29.5	63.2	69.8	65	1.0	0.583	0.0
79	66	65	1.0	0.6	0.0	72.3	13.5	74.6	75.8	79	1.0	0.0	0.434	0.0	64.2	28.5	64.0	70.0	66	1.0	0.6	0.0
81	67	66	1.0	0.616	0.0	73.2	11.8	75.6	76.6	81	1.0	0.0	0.446	0.0	64.7	27.4	64.7	70.3	67	1.0	0.617	0.0
82	68	67	1.0	0.633	0.0	74.0	10.4	76.6	77.3	82	1.0	0.0	0.458	0.0	65.3	26.4	65.4	70.5	68	1.0	0.633	0.0
83	69	68	1.0	0.65	0.0	74.7	9.3	77.6	78.2	83	1.0	0.0	0.47	0.0	65.8	25.3	66.0	70.7	69	1.0	0.65	0.0
84	70	70	1.0	0.666	0.0	75.5	8.2	78.6	79.0	84	1.0	0.0	0.482	0.0	66.4	24.3	66.7	70.9	70	1.0	0.667	0.0
84	71	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84	1.0	0.0	0.494	0.0	66.9	23.2	67.3	71.2	71	1.0	0.683	0.0
85	72	72	1.0	0.7	0.0	77.0	5.8	80.4	80.6	85	1.0	0.0	0.506	0.0	67.5	22.1	68.1	71.6	72	1.0	0.7	0.0
86	73	73	1.0	0.716	0.0	77.7	4.5	81.3	81.4	86	1.0	0.0	0.518	0.0	68.2	21.1	69.0	72.1	73	1.0	0.717	0.0
87	74	74	1.0	0.733	0.0	78.5	3.3	82.2	82.3	87	1.0	0.0	0.531	0.0	68.8	20.0	69.9	72.7	74	1.0	0.733	0.0
88	75	75	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88	1.0	0.0	0.543	0.0	69.4	19.0	70.7	73.2	75	1.0	0.75	0.0

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG34/RG34.HTM  
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20130201-RG34/RG34LONP.PDF /.PS  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmy<sup>n</sup>6 (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  $RYGCBM_s$ ;  $h_{ab,dc} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
 Sechs Bunttonwinkel der Gerätefarben  $RYGCBM_d$ ;  $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$ ; Sechs Bunttonwinkel der Elementarfarben  $RYGCBM_c$ ;  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361M}$	$LAB^*_{ddx361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{dd}$	$rgb^*_{ds}$	$rgb^*_{de}$
115	120	127	0.5	1.0	0.0	72.7	-31.3	66.0	73.1	115	0.418	1.0	0.0
116	121	128	0.483	1.0	0.0	72.2	-32.1	65.0	72.5	116	0.4	1.0	0.0
117	122	129	0.466	1.0	0.0	71.7	-32.9	63.9	71.9	117	0.383	1.0	0.0
118	123	130	0.45	1.0	0.0	71.2	-33.7	62.9	71.4	118	0.369	1.0	0.0
119	124	131	0.433	1.0	0.0	70.7	-34.5	61.8	70.8	119	0.359	1.0	0.0
120	125	133	0.416	1.0	0.0	70.2	-35.2	60.8	70.2	120	0.349	1.0	0.0
121	126	134	0.4	1.0	0.0	69.6	-35.9	59.7	69.6	121	0.339	1.0	0.0
121	127	135	0.383	1.0	0.0	69.1	-36.5	58.6	69.1	121	0.329	1.0	0.0
123	128	136	0.366	1.0	0.0	68.3	-37.7	57.4	68.7	123	0.319	1.0	0.0
124	129	137	0.35	1.0	0.0	67.3	-39.2	56.2	68.6	124	0.309	1.0	0.0
126	130	138	0.333	1.0	0.0	66.2	-40.8	54.9	68.4	126	0.299	1.0	0.0
128	131	140	0.316	1.0	0.0	65.1	-42.3	53.6	68.2	128	0.289	1.0	0.0
129	132	141	0.3	1.0	0.0	64.0	-43.7	52.2	68.1	129	0.28	1.0	0.0
131	133	142	0.283	1.0	0.0	63.0	-45.1	50.8	67.9	131	0.27	1.0	0.0
133	134	143	0.266	1.0	0.0	61.9	-46.5	49.3	67.8	133	0.26	1.0	0.0
134	135	144	0.25	1.0	0.0	60.8	-47.8	47.8	67.6	134	0.249	1.0	0.0
136	136	145	0.233	1.0	0.0	60.4	-48.8	46.7	67.6	136	0.237	1.0	0.0
137	137	147	0.216	1.0	0.0	59.9	-49.8	45.6	67.5	137	0.224	1.0	0.0
138	138	148	0.2	1.0	0.0	59.4	-50.8	44.4	67.5	138	0.211	1.0	0.0
140	139	149	0.183	1.0	0.0	59.0	-51.8	43.2	67.4	140	0.198	1.0	0.0
141	140	150	0.166	1.0	0.0	58.5	-52.7	42.0	67.4	141	0.185	1.0	0.0
142	141	151	0.15	1.0	0.0	58.1	-53.6	40.8	67.4	142	0.172	1.0	0.0
144	142	152	0.133	1.0	0.0	57.6	-54.5	39.5	67.3	144	0.159	1.0	0.0
145	143	154	0.116	1.0	0.0	57.0	-55.9	38.3	67.8	145	0.147	1.0	0.0
147	144	155	0.1	1.0	0.0	56.3	-57.8	37.1	68.7	147	0.134	1.0	0.0
149	145	156	0.083	1.0	0.0	55.5	-59.7	35.8	69.6	149	0.122	1.0	0.0
150	146	157	0.066	1.0	0.0	54.8	-61.6	34.4	70.6	150	0.112	1.0	0.0
152	147	158	0.049	1.0	0.0	54.1	-63.4	32.9	71.5	152	0.103	1.0	0.0
154	148	159	0.033	1.0	0.0	53.4	-65.3	31.4	72.4	154	0.093	1.0	0.0
156	149	161	0.016	1.0	0.0	52.6	-67.1	29.8	73.4	156	0.084	1.0	0.0
157	150	162	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157	0.074	1.0	0.0
158	151	163	0.0	1.0	0.016	52.0	-68.5	26.9	73.6	158	0.065	1.0	0.017
159	152	164	0.0	1.0	0.033	52.1	-68.3	25.7	72.9	159	0.055	1.0	0.033
160	153	164	0.0	1.0	0.05	52.2	-68.0	24.5	72.2	160	0.046	1.0	0.05
160	154	165	0.0	1.0	0.066	52.2	-67.6	23.3	71.6	160	0.036	1.0	0.067
161	155	166	0.0	1.0	0.083	52.3	-67.3	22.1	70.9	161	0.027	1.0	0.083
162	156	167	0.0	1.0	0.1	52.4	-66.9	21.0	70.2	162	0.017	1.0	0.1
163	157	168	0.0	1.0	0.116	52.5	-66.6	19.9	69.5	163	0.008	1.0	0.117
164	158	169	0.0	1.0	0.133	52.6	-66.1	18.6	68.7	164	0.0	1.0	0.133
165	159	170	0.0	1.0	0.15	52.7	-65.6	17.3	67.9	165	0.0	1.0	0.15
166	160	171	0.0	1.0	0.166	52.8	-65.0	16.0	67.0	166	0.0	1.0	0.167
167	161	172	0.0	1.0	0.183	52.9	-64.5	14.7	66.1	167	0.0	1.0	0.183
168	162	173	0.0	1.0	0.2	53.0	-63.9	13.4	65.3	168	0.0	1.0	0.2
169	163	174	0.0	1.0	0.216	53.1	-63.3	12.2	64.4	169	0.0	1.0	0.217
170	164	175	0.0	1.0	0.233	53.2	-62.6	11.0	63.6	170	0.0	1.0	0.233
170	165	175	0.0	1.0	0.25	53.2	-61.9	9.8	62.7	170	0.0	1.0	0.25

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG34/RG34.HTM  
 Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20130201-RG34/RG34LONP.PDF /.PS TUB-Material: Code=rh4ta  
 Anwendung für Messung von Offsetdruck-Ausgabe, Separation  $cmyn6^*$  (CMYK)

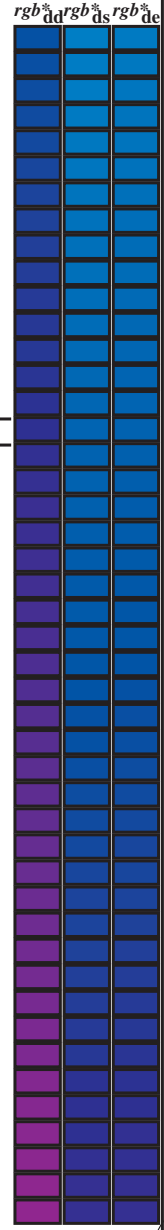






Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmy<sup>n</sup>6\*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben RY<sup>G</sup>CBM<sub>s</sub>; h<sub>ab,dc</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben RY<sup>G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

Table with 20 columns: h<sub>ab,d</sub>, h<sub>ab,s</sub>, h<sub>ab,e</sub>, r<sup>g</sup>b<sup>b</sup>\*, d<sub>s361</sub>Mi, LAB\* (x=LabCh), r<sup>g</sup>b<sup>b</sup>\*, d<sub>s361</sub>Mi, LAB\* (x=LabCh), r<sup>g</sup>b<sup>b</sup>\*, d<sub>s361</sub>Mi, r<sup>g</sup>b<sup>b</sup>\*, d<sub>s361</sub>Mi, LAB\* (x=LabCh), r<sup>g</sup>b<sup>b</sup>\*, d<sub>s361</sub>Mi, r<sup>g</sup>b<sup>b</sup>\*, d<sub>s361</sub>Mi, LAB\* (x=LabCh), r<sup>g</sup>b<sup>b</sup>\*, d<sub>s361</sub>Mi, r<sup>g</sup>b<sup>b</sup>\*, d<sub>s361</sub>Mi, LAB\* (x=LabCh), r<sup>g</sup>b<sup>b</sup>\*, d<sub>s361</sub>Mi, r<sup>g</sup>b<sup>b</sup>\*, d<sub>s361</sub>Mi, LAB\* (x=LabCh).



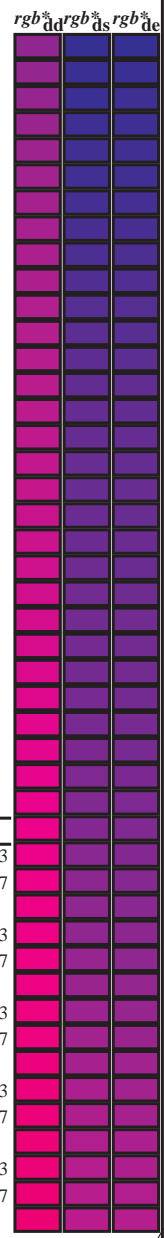
Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG34/RG34LONP.PDF /.PS Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20130201-RG34/RG34LONP.PDF /.PS TUB-Material: Code=rh4ta Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmy<sup>n</sup>6 (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 RYGBM<sub>s</sub>; h<sub>ab,dc</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben RYGBM<sub>d</sub>; h<sub>ab,d</sub> = 32.8, 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 color codes (h<sub>ab,d</sub>, h<sub>ab,s</sub>, h<sub>ab,e</sub>), Lab values (LAB\*), and various colorimetric parameters (rgb\*, dsx361Mi, dex361Mi, etc.) for 360 different color patches.



Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG34/RG34.LONP.PDF /.PS  
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20130201-RG34/RG34LONP.PDF /.PS  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmy<sup>6</sup> (CMYK)  
TUB-Material: Code=rh4ta





http://130.149.60.45/~farbmetrik/RG34/RG34L0NP.PDF /.PS; Transfer Ausgabe  
N: Keine 3D-Linearisierung (OL) in Datei (F) oder PS-Startup (S), Seite 19/33

Table with columns: nrf, HHC\*Fd, Rgb\*Fd, icr\*Fd, Irs\*Fd, Rgb\*Fd, LabCH\*Fd, LabCH\*Fd, DFE\*Fd, HsM\*Fd, Rgb\*Fd, LabCH\*Fd, LabCH\*Fd. Rows list various color and registration marks with associated numerical values.

delta E\* = 3.8

Eingabe: rgb/cmyk -> rgb  
Ausgabe: Transfer nach cmykd

TUB-Prüfvorlage RG34; Bunttoncode: H\*d=B50Rd  
Farben und Farbabstände, ΔE\*

RG340-7N, Seite 19/33-F

0-0031830-F0

http://130.149.60.45/~farbmetrik/RG34/RG34LONP.PDF /.PS; Transfer Ausgabe  
N: Keine 3D-Linearisierung (OL) in Datei (F) oder PS-Startup (S), Seite 20/33

Table with 80 columns (numbered 1-80) and 10 rows of colorimetric data. Columns include H\* (hue), L\* (lightness), a\* (red-green), b\* (yellow-blue), and various Lab, Lch, and D50 values. The table contains numerical data for each color patch and row.

Eingabe: rgb/cmyk -> rgbd  
Ausgabe: Transfer nach cmykd

TUB-Prüfvorlage RG34; Bunttoncode: H\*d=B50Rd  
Farben und Farbabstände, ΔE\*

0-0031930-F0



RG3400L

0-0032030-F0

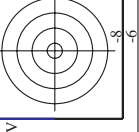
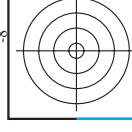
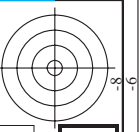
http://130.149.60.45/~farbmetrik/RG34/RG34LONP.PDF /PS; Transfer Ausgabe  
N: Keine 3D-Linearisierung (OL) in Datei (F) oder PS-Startup (S), Seite 21/33

Eingabe: rgb/cmyk -> rgb  
Ausgabe: Transfer nach cmykd

TUB-Prüfvorlage RG34; Bunttoncode: H \*d=B50Rd  
Farben und Farbabstände, ΔE\*

RG340-7N, Seite 21/33-F

Table with 16 columns: n, H#C\*Fid, rgb, LabCH\*Fid, LabCH\*Fid, LabCH\*Fid, LabCH\*Fid, LabCH\*Fid, LabCH\*Fid, LabCH\*Fid, LabCH\*Fid, LabCH\*Fid, LabCH\*Fid, LabCH\*Fid, LabCH\*Fid, LabCH\*Fid. Each row corresponds to a color patch number from 81 to 161.











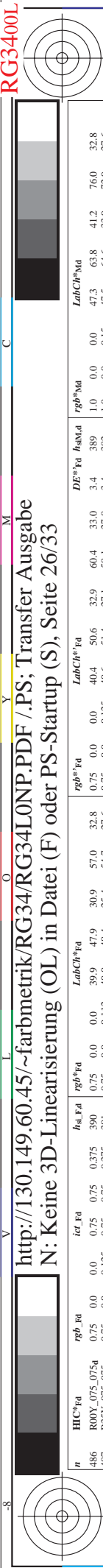


http://130.149.60.45/~farbmetrik/RG34/RG34LONP.PDF /.PS; Transfer Ausgabe  
N: Keine 3D-Linearisierung (OL) in Datei (F) oder PS-Startup (S), Seite 26/33

Table with 10 columns: n, HHC\*Fd, rpb\*Fd, icr\*Fd, hsa\*Fd, rpb\*Fd, LabCH\*Fd, DF\*Fd, Ham\*Fd, rpb\*Fd, LabCH\*Fd, DF\*Fd, Ham\*Fd, rpb\*Fd, LabCH\*Fd, DF\*Fd, Ham\*Fd, rpb\*Fd, LabCH\*Fd, DF\*Fd, Ham\*Fd. Each cell contains numerical data for various color and registration patches.

RG340-TN, Seite 26/33-F  
Eingabe: rgb/cmyk -> rrgb  
Ausgabe: Transfer nach cmykd  
TUB-Prüfvorlage RG34; Bunttoncode: H\*d=B50Rd  
Farben und Farbabstände, ΔE\*

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG34/RG34.HTM  
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik



http://130.149.60.45/~farbmetrik/RG34/RG34LONP.PDF /.PS; Transfer Ausgabe  
N: Keine 3D-Linearisierung (OL) in Datei (F) oder PS-Startup (S), Seite 27/33

Table with columns: n, HHC\*Fd, rpb\*Fd, icr\*Fd, hsa\*Fd, rpb\*Fd, LabCH\*Fd, LabCH\*Fd, LabCH\*Fd, rpb\*Fd, DF\*Fd, Hsa\*Fd, LabCH\*Fd, rpb\*Fd, LabCH\*Fd. Rows contain numerical data for various color patches.

Eingabe: rgb/cmyk -> r g b d  
Ausgabe: Transfer nach cmyk d

TUB-Prüfvorlage RG34; Bunttoncode: H \* d=B50Rd  
Farben und Farbabstände, ΔE\*



Table with 50 columns and 48 rows. Columns include: n, H#C#F#d, r#p#, i#c#, i#s#, LabC#F#d, LabCh#F#d, r#p#\*Fd, LabCh#F#d, DF#\*Fd, H#M#d, r#p#\*Md, LabCh#F#d, LabC#F#d. Each cell contains a numerical value. The table represents color calibration data for various color patches.

Eingabe: rgb/cmyk -> r#gb#  
Ausgabe: Transfer nach cmyk#d

TUB-Prüfvorlage RG34; Bunttoncode: H \* d=B50Rd  
Farben und Farbabstände, ΔE \*

RG340-7N, Seite 28(33)-F

0-0032730-F0







http://130.149.60.45/~farbmetrik/RG34/RG34LONP.PDF /.PS; Transfer Ausgabe  
N: Keine 3D-Linearisierung (OL) in Datei (F) oder PS-Startup (S), Seite 31/33

Table with columns: n, HHC\*Fd, rpb\*Fd, icr\*Fd, hsa\*Fd, rpb\*Fd, LabC\*Fd, LabCh\*Fd, rpb\*Fd, LabCh\*Fd, DF\*Fd, Hsa\*Fd, rpb\*Fd, LabCh\*Fd. Rows list various color and grayscale patches with their corresponding numerical values.

Eingabe: rgb/cmyk -> r g b d  
Ausgabe: Transfer nach cmyk d

TUB-Prüfvorlage RG34; Bunttoncode: H\*d=B50Rd  
Farben und Farbabstände, ΔE\*

0-003300-F0

RG3400L

TUB-Registrierung: 20130201-RG34/RG34L0NP.PDF /.PS TUB-Material: Code=rha4ta  
Anwendung für Messung von Offsetdruck-Ausgabe, Separation cmykn6 (CMYK)

Table with columns: n, HHC\*Fd, rpb\_Fd, iet\_Fd, ias\_Fd, rpb\_Fd, LabCm\*Fd, LabCm\*\*Fd, rpb\*\*Fd, LabCm\*\*Fd, LabCm\*Fd, Df\*Fd, HsM\*Fd, rpb\*\*Md, LabCm\*\*Md, LabCm\*Md, delta\_F\*\* = 5.5

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/RG34/RG34.HTM>  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

Eingabe: rgb/cmyk -> rgbd  
Ausgabe: Transfer nach cmykd

TUB-Prüfvorlage RG34; Bunttoncode: H\*d=B50Rd  
Farben und Farbabstände, ΔE\*

RG340-7N, Seite 32/33-1



n	HC*Fd	rgb_Fd	iet_Fd	hsa_Fd	rgb*Fd	LabCIE*Fd	hsa_Fd	LabCIE*Fd	rgb*Fd	LabCIE*Fd	DF*Fd	hsa_Fd	rgb*Fd	LabCIE*Fd	DF*Fd	hsa_Fd	rgb*Fd	LabCIE*Fd	DF*Fd	hsa_Fd	rgb*Fd	LabCIE*Fd	
1053	NW_086a	0.866	0.866	0.0	0.866	0.866	0.866	85.0	0.866	0.866	0.866	85.0	0.866	0.866	0.866	85.0	0.866	0.866	0.866	85.0	0.866	0.866	85.0
1054	NW_093a	0.933	0.933	0.0	0.933	0.933	0.933	90.2	0.933	0.933	0.933	90.2	0.933	0.933	0.933	90.2	0.933	0.933	0.933	90.2	0.933	0.933	90.2
1055	NW_100a	1.0	1.0	0.0	1.0	1.0	1.0	95.4	1.0	1.0	1.0	95.4	1.0	1.0	1.0	95.4	1.0	1.0	1.0	95.4	1.0	1.0	95.4
1056	NW_006a	0.066	0.066	0.066	0.066	0.066	0.066	22.8	0.066	0.066	0.066	22.8	0.066	0.066	0.066	22.8	0.066	0.066	0.066	22.8	0.066	0.066	22.8
1057	NW_013a	0.133	0.133	0.133	0.133	0.133	0.133	33.2	0.133	0.133	0.133	33.2	0.133	0.133	0.133	33.2	0.133	0.133	0.133	33.2	0.133	0.133	33.2
1058	NW_026a	0.266	0.266	0.266	0.266	0.266	0.266	33.2	0.266	0.266	0.266	33.2	0.266	0.266	0.266	33.2	0.266	0.266	0.266	33.2	0.266	0.266	33.2
1059	NW_033a	0.333	0.333	0.333	0.333	0.333	0.333	43.6	0.333	0.333	0.333	43.6	0.333	0.333	0.333	43.6	0.333	0.333	0.333	43.6	0.333	0.333	43.6
1060	NW_046a	0.466	0.466	0.466	0.466	0.466	0.466	48.8	0.466	0.466	0.466	48.8	0.466	0.466	0.466	48.8	0.466	0.466	0.466	48.8	0.466	0.466	48.8
1061	NW_053a	0.533	0.533	0.533	0.533	0.533	0.533	59.1	0.533	0.533	0.533	59.1	0.533	0.533	0.533	59.1	0.533	0.533	0.533	59.1	0.533	0.533	59.1
1062	NW_066a	0.666	0.666	0.666	0.666	0.666	0.666	69.5	0.666	0.666	0.666	69.5	0.666	0.666	0.666	69.5	0.666	0.666	0.666	69.5	0.666	0.666	69.5
1063	NW_073a	0.734	0.734	0.734	0.734	0.734	0.734	74.7	0.734	0.734	0.734	74.7	0.734	0.734	0.734	74.7	0.734	0.734	0.734	74.7	0.734	0.734	74.7
1064	NW_086a	0.8	0.8	0.8	0.8	0.8	0.8	79.9	0.8	0.8	0.8	79.9	0.8	0.8	0.8	79.9	0.8	0.8	0.8	79.9	0.8	0.8	79.9
1065	NW_093a	0.933	0.933	0.933	0.933	0.933	0.933	85.0	0.933	0.933	0.933	85.0	0.933	0.933	0.933	85.0	0.933	0.933	0.933	85.0	0.933	0.933	85.0
1066	NW_100a	1.0	1.0	1.0	1.0	1.0	1.0	95.4	1.0	1.0	1.0	95.4	1.0	1.0	1.0	95.4	1.0	1.0	1.0	95.4	1.0	1.0	95.4
1067	ROXY_100_100a	1.0	0.0	0.0	0.0	0.0	0.0	17.7	0.0	0.0	0.0	17.7	0.0	0.0	0.0	17.7	0.0	0.0	0.0	17.7	0.0	0.0	17.7
1068	GS0B_100_100a	0.0	1.0	0.0	0.0	0.0	0.0	17.7	0.0	0.0	0.0	17.7	0.0	0.0	0.0	17.7	0.0	0.0	0.0	17.7	0.0	0.0	17.7
1069	Y06G_100_100a	0.0	0.0	1.0	0.0	0.0	0.0	47.3	0.0	0.0	0.0	47.3	0.0	0.0	0.0	47.3	0.0	0.0	0.0	47.3	0.0	0.0	47.3
1070	B06C_100_100a	0.0	0.0	0.0	1.0	0.0	0.0	58.3	0.0	0.0	0.0	58.3	0.0	0.0	0.0	58.3	0.0	0.0	0.0	58.3	0.0	0.0	58.3
1071	B50R_100_100a	0.0	0.0	0.0	0.0	1.0	0.0	58.3	0.0	0.0	0.0	58.3	0.0	0.0	0.0	58.3	0.0	0.0	0.0	58.3	0.0	0.0	58.3
1072	B50R_100_100a	0.0	0.0	0.0	0.0	0.0	1.0	48.2	0.0	0.0	0.0	48.2	0.0	0.0	0.0	48.2	0.0	0.0	0.0	48.2	0.0	0.0	48.2
1073	ROXY_100_100a	1.0	0.0	0.0	0.0	0.0	0.0	47.3	0.0	0.0	0.0	47.3	0.0	0.0	0.0	47.3	0.0	0.0	0.0	47.3	0.0	0.0	47.3
1074	GS0B_100_100a	0.0	1.0	0.0	0.0	0.0	0.0	47.3	0.0	0.0	0.0	47.3	0.0	0.0	0.0	47.3	0.0	0.0	0.0	47.3	0.0	0.0	47.3
1075	Y06G_100_100a	0.0	0.0	1.0	0.0	0.0	0.0	58.3	0.0	0.0	0.0	58.3	0.0	0.0	0.0	58.3	0.0	0.0	0.0	58.3	0.0	0.0	58.3
1076	B06C_100_100a	0.0	0.0	0.0	1.0	0.0	0.0	58.3	0.0	0.0	0.0	58.3	0.0	0.0	0.0	58.3	0.0	0.0	0.0	58.3	0.0	0.0	58.3
1077	B50R_100_100a	0.0	0.0	0.0	0.0	1.0	0.0	58.3	0.0	0.0	0.0	58.3	0.0	0.0	0.0	58.3	0.0	0.0	0.0	58.3	0.0	0.0	58.3
1078	B50R_100_100a	0.0	0.0	0.0	0.0	0.0	1.0	48.2	0.0	0.0	0.0	48.2	0.0	0.0	0.0	48.2	0.0	0.0	0.0	48.2	0.0	0.0	48.2
1079	B50R_100_100a	1.0	0.0	0.0	0.0	0.0	0.0	48.2	0.0	0.0	0.0	48.2	0.0	0.0	0.0	48.2	0.0	0.0	0.0	48.2	0.0	0.0	48.2

delta E\* = 4.2



Eingabe: rgb/cmyk -> rgb  
 Ausgabe: Transfer nach cmykd

TUB-Prüfvorlage RG34; Bunttoncode: H\*d=B50R\_d  
 Farben und Farbabstände, ΔE\*