

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 68/360 = 0.19$

$H^*_ = R50Y_$

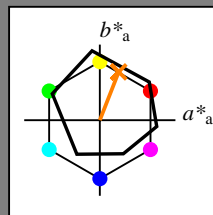
Data for any device (d) or elementary (e) colour:

$HIC^*_$

hue text for the colours of this page:

$H^*_ = R50Y_$

triangle lightness T^*



ORS18a; adapted (a) CIELAB data

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

Data for maximum colour (Ma):

$LabCh^*_{-,Ma}$: 68 25 63 68 68

$HIC^*_{-,Ma}$: R50Y_100_100_

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

1.0 0.5 0.0 1.0 1.0

triangle lightness T^*

%Gamut

$u^*_{rel} = 92$

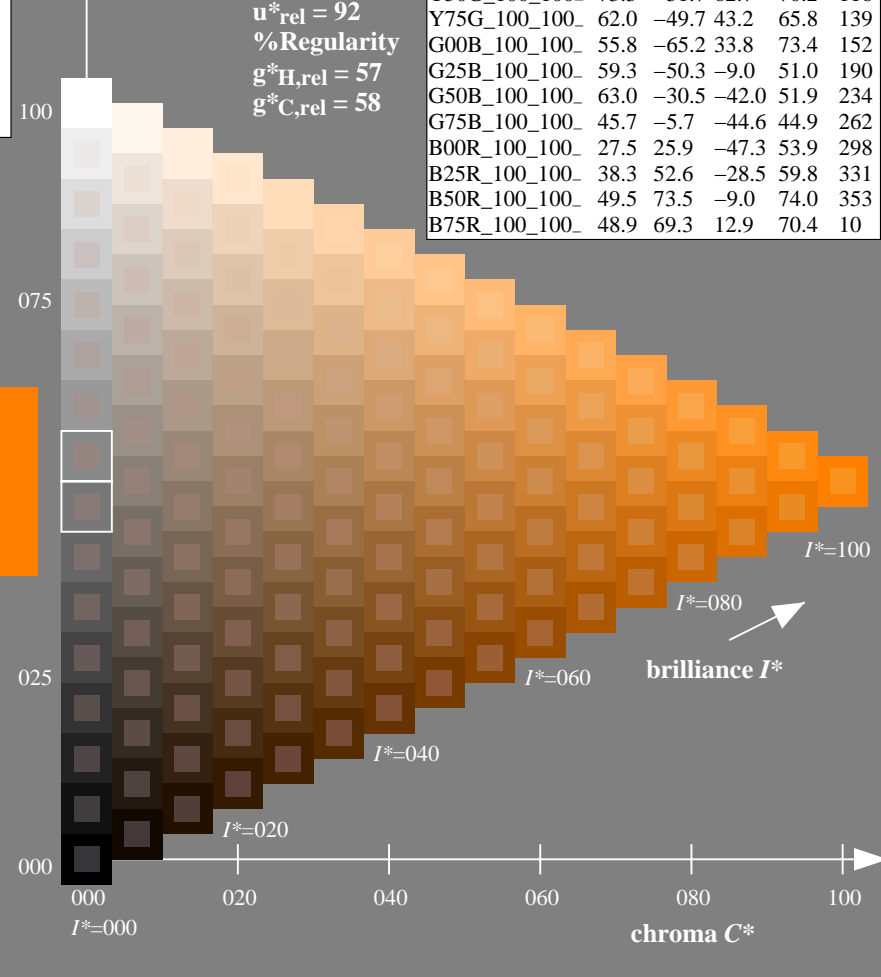
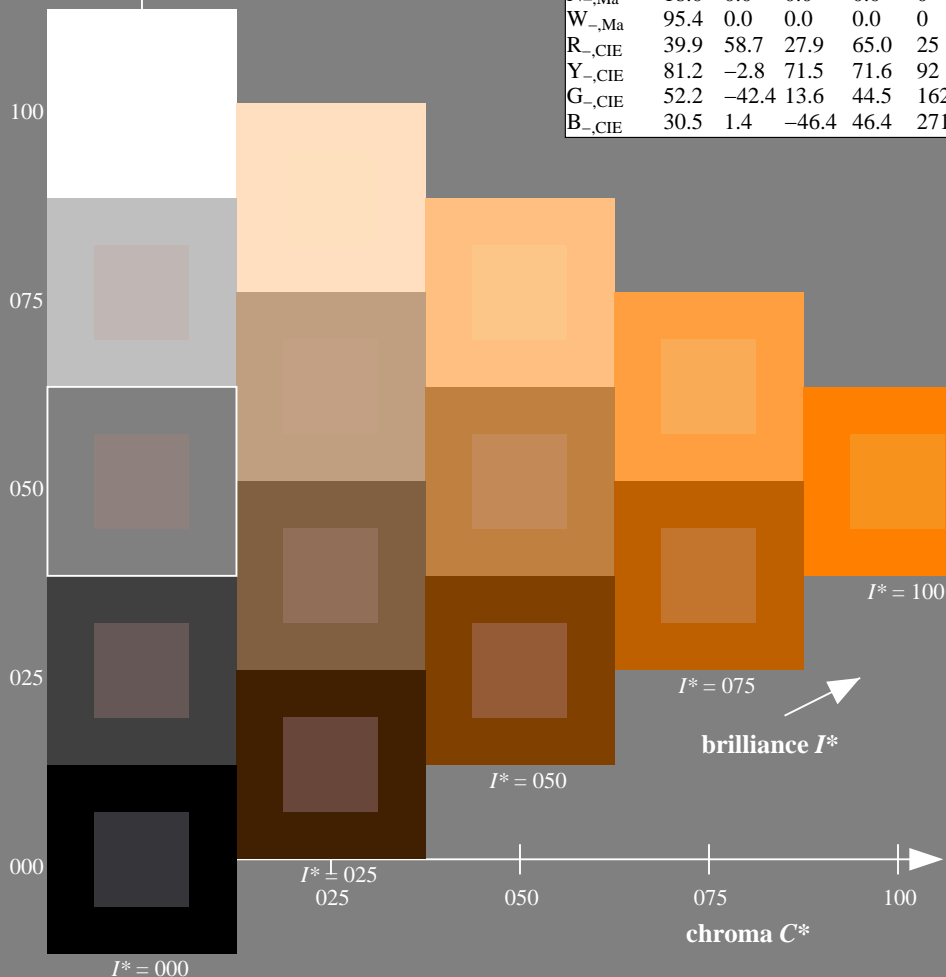
%Regularity

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

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

ORS20a; adapted (a) CIELAB data

$H^*_$	$L^*=L^*_a$	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



see similar files: <http://130.149.60.45/~farbmetrik/QE15/QE15L0FA.TXT> /PS
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE15/QE15L0FA.TXT /PS
 application for measurement of offset print output

TUB material: code=rh4ta

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 58/360 = 0.16$

$H^*_e = R50Y_e$

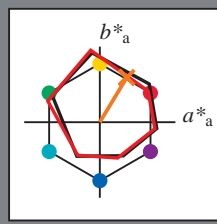
Data for any device (d) or elementary (e) colour:

HIC^*_e

hue text for the colours of this page:

$H^*_e = R50Y_e$

triangle lightness T^*



ORS20a; adapted (a) CIELAB data

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

Data for maximum colour (Ma):

$LabCh^*_{e, Ma}: 60\ 35\ 59\ 68\ 58$

$HIC^*_{e, Ma}: R50Y_100_100_e$

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

1.0 0.34 0.0 1.0 1.0

triangle lightness T^*

%Gamut

$u^*_{rel} = 92$

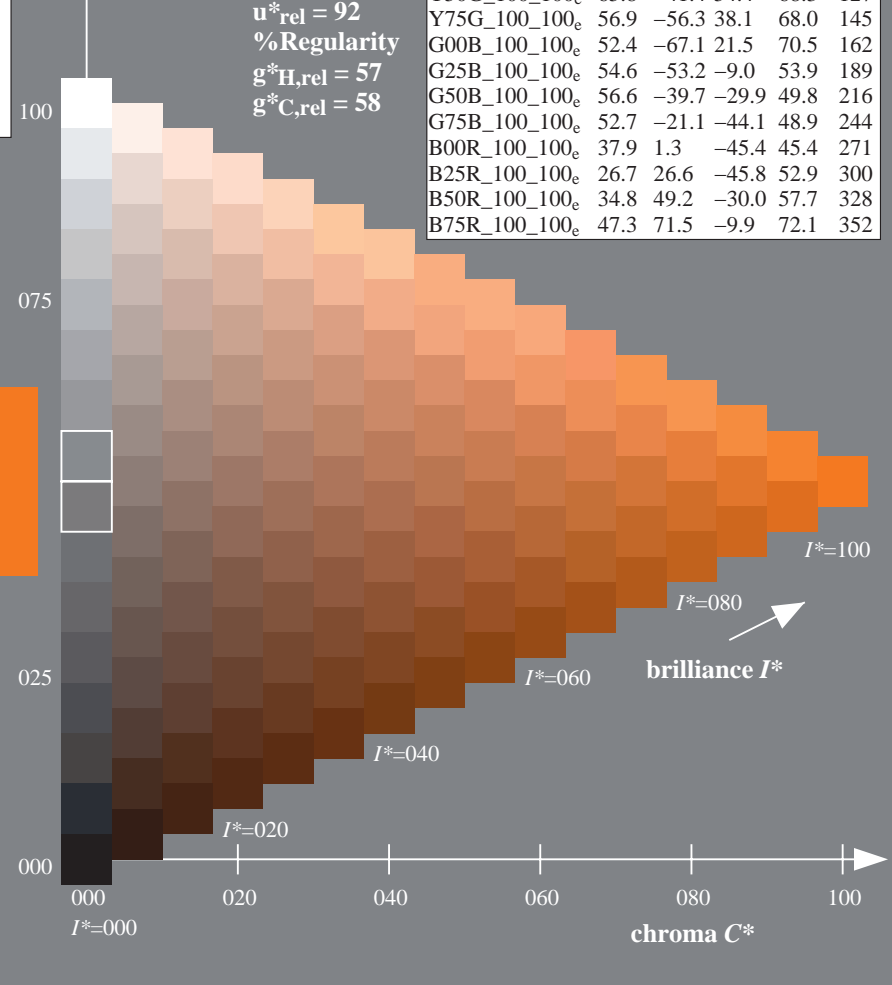
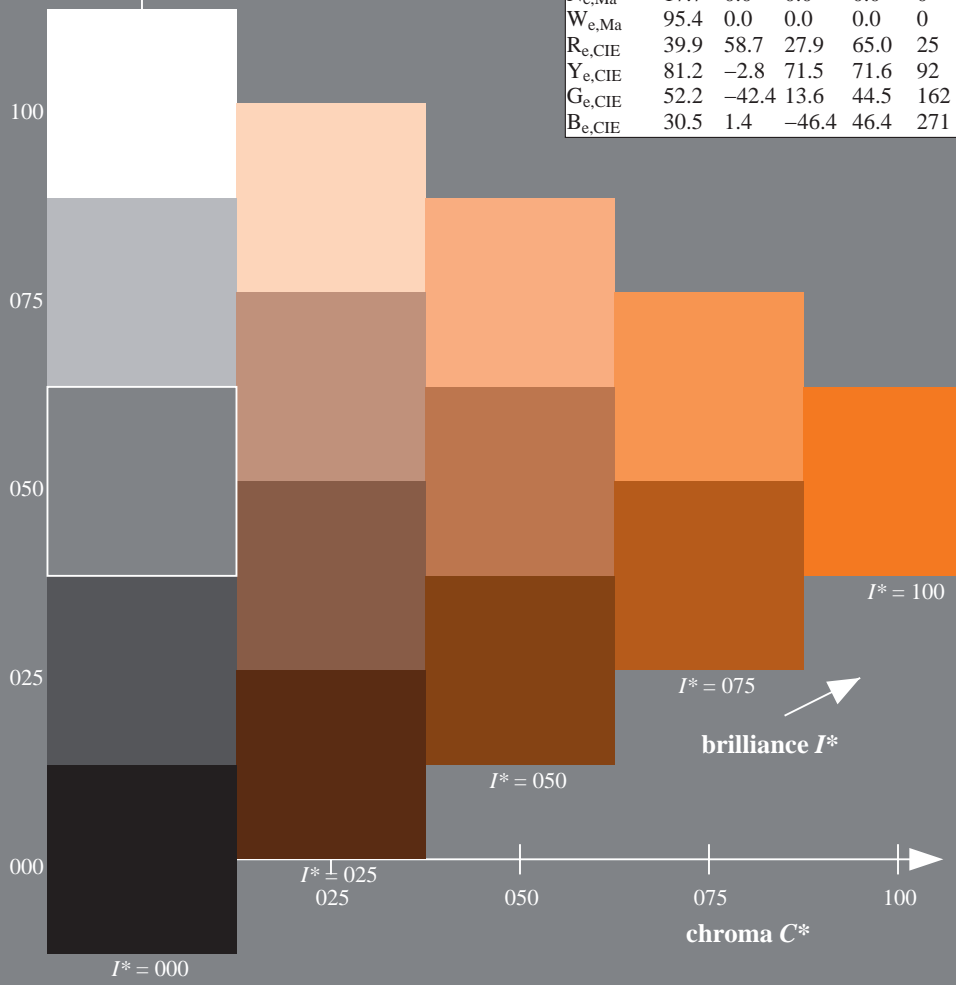
%Regularity

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

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

ORS20a; adapted (a) CIELAB data

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



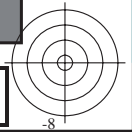
see similar files: <http://130.149.60.45/~farbmetrik/QE15/QE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE15/QE15L0FA.TXT /PS
application for measurement of offset print output, separation cmykn6* (CMYK)
TUB material: code=rh4ta

1-113130-L0 QE150-73

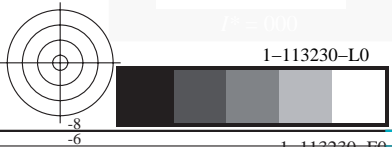
TUB-test chart QE15; hue code: $H^*_e=R50Y_e$
Test chart according to DIN 33872, 3D=1, de=1, $cmyk^*$

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmyk^*_{de}$



see similar files: <http://130.149.60.45/~farbmetrik/QE15/QE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE15/QE15L0FA.TXT /.PS TUB material: code=rh4ta
application for measurement of offset print output, separation cmykn6* (CMYK)



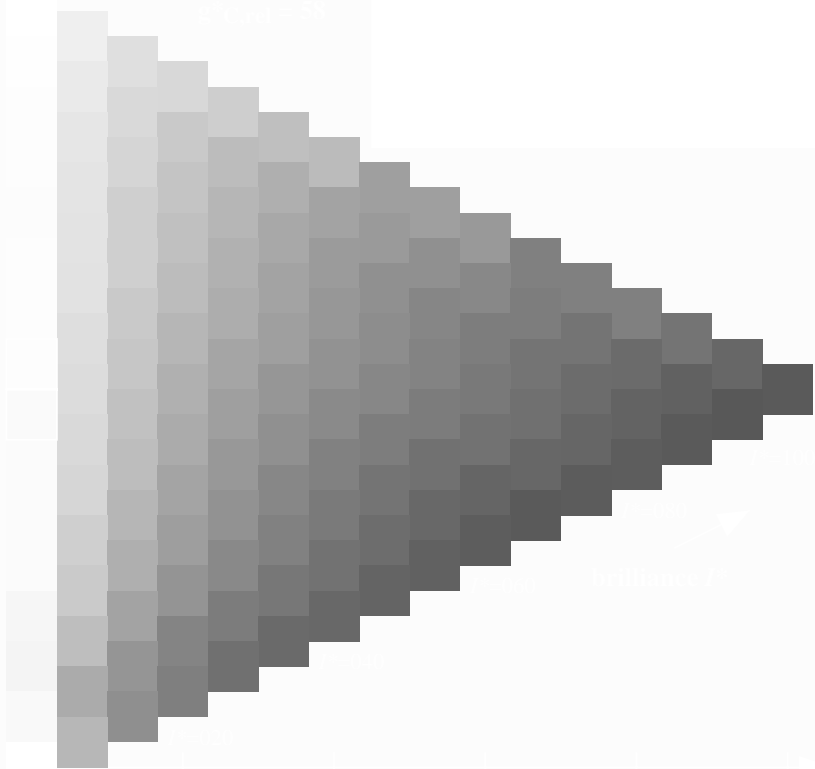
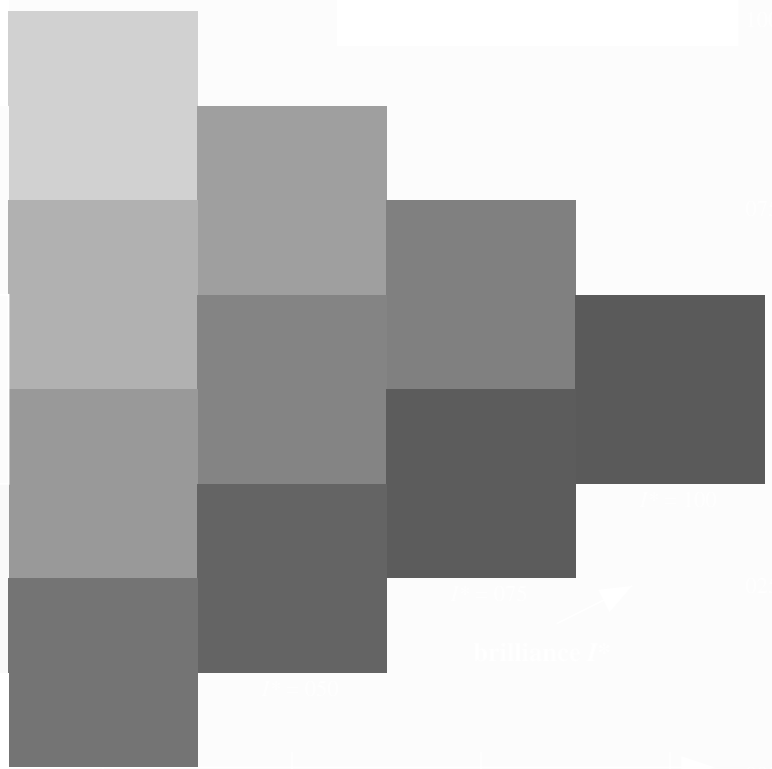
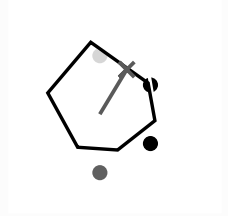
TUB-test chart QE15; hue code: $H^*_e=R50Y_e$
Test chart according to DIN 33872, 3D=1, de=1, cmyk*

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmyk^*_{de}$



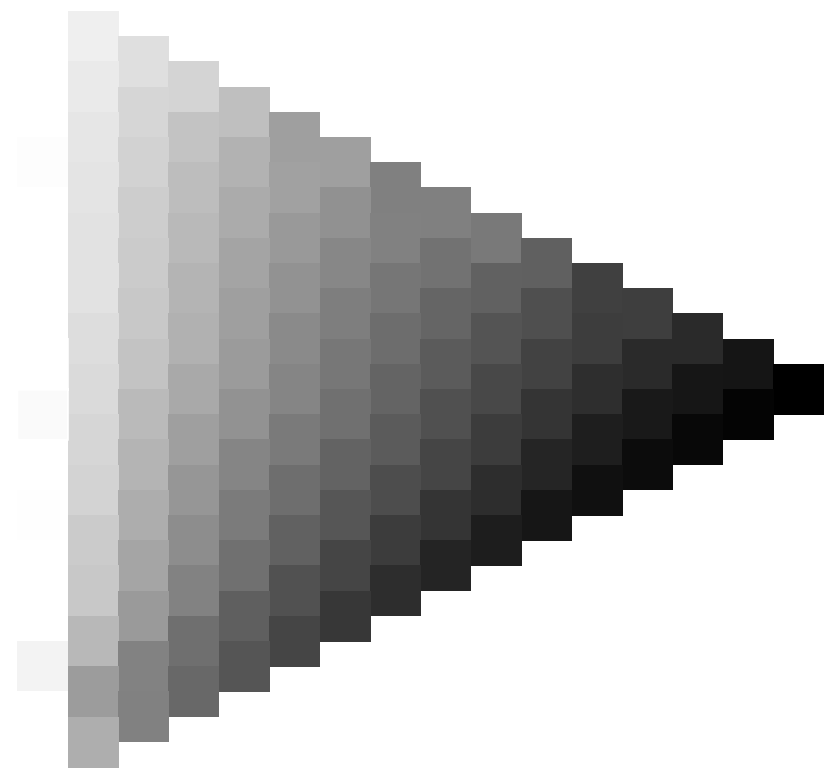
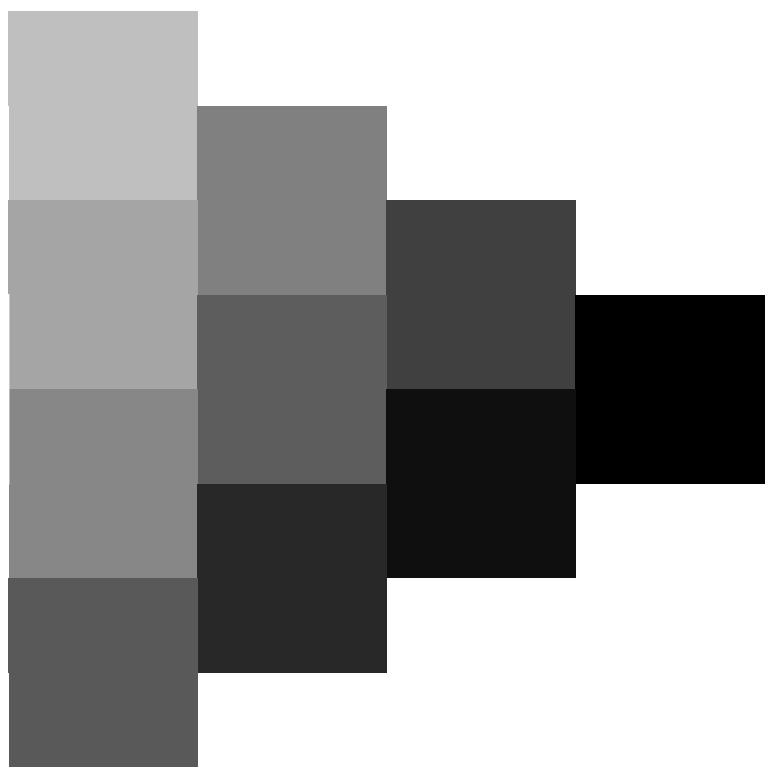
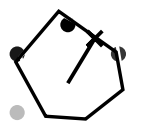
TUB registration: 20130201-QE15/QE15L0FA.TXT /.PS TUB material: code=rh4ta
application for measurement of offset print output, separation cmyk* (CMYK)

see similar files: http://130.149.60.45/~farbmetrik/QE15/QE15.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik



TUB registration: 20130201-QE15/QE15L0FA.TXT /.PS TUB material: code=rh4ta
application for measurement of offset print output, separation cmyk* (CMYK)

see similar files: http://130.149.60.45/~farbmetrik/QE15/QE15.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik



1-113430-L0 QE150-73

TUB-test chart QE15; hue code: $H^*_e=R50Y_e$
Test chart according to DIN 33872, 3D=1, de=1, cmyk*

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmyk^*_{de}$

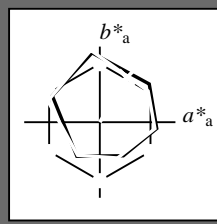


Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 58/360 = 0.16$

$H^*_e = R50Y_e$

Data for any device (d) or elementary (e) colour:

HIC^*_e
hue text for the colours of this page:
 $H^*_e = R50Y_e$
triangle lightness T^*



ORS20a; adapted (a) CIELAB data

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{e, Ma}$	47.6	64.9	30.9	71.9	25
$Y_{e, Ma}$	82.9	-3.5	87.8	87.9	92
$G_{e, Ma}$	52.4	-67.1	21.5	70.5	162
$C_{e, Ma}$	56.6	-39.7	-29.9	49.8	216
$B_{e, Ma}$	37.9	1.3	-45.4	45.4	271
$M_{e, Ma}$	34.8	49.2	-30.0	57.7	328
$N_{e, Ma}$	17.7	0.0	0.0	0.0	0
$W_{e, Ma}$	95.4	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

Data for maximum colour (M_a):

$LabCh^*_{e, Ma}$: 60 35 59 68 58

$HIC^*_{e, Ma}$: R50Y_100_100_e

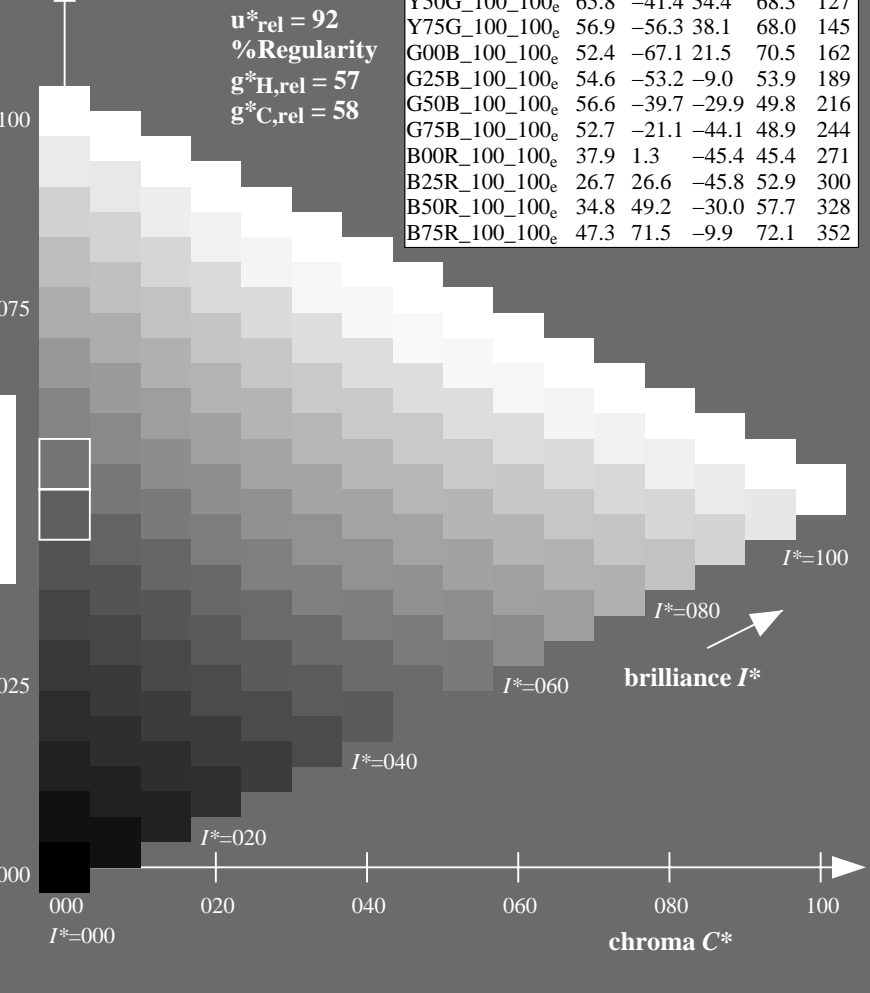
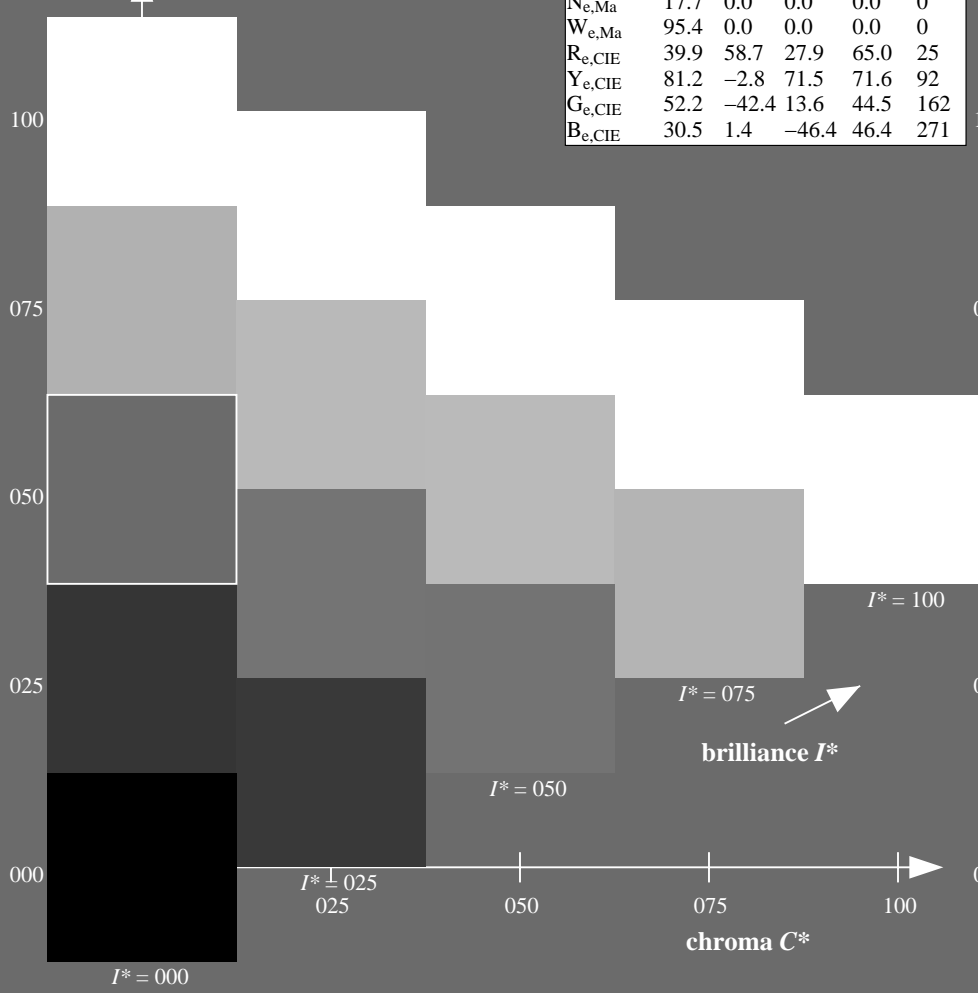
$rgbic^*_{e, Ma}$:

1.0 0.34 0.0 1.0 1.0

triangle lightness T^*

ORS20a; adapted (a) CIELAB data

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



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

see similar files: <http://130.149.60.45/~farbmetrik/QE15/QE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE15/QE15L0FA.TXT /PS
application for measurement of offset print output, separation cmykn6* (CMYK)
TUB material: code=rh4ta

1-113530-L0 QE150-73

TUB-test chart QE15; hue code: $H^*_e=R50Y_e$
Test chart according to DIN 33872, 3D=1, de=1, $cmyk^*$

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmyk^*_{de}$

1-113530-F0

Data of Maximum color M in colorimetric system Offset standard print; separation cmy6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

J=Y_d Yellow
 $LCH^*_d = 88.3 \ 95.8 \ 97.1$
 $LAB^*_d = 88.3 \ -11.9 \ 95.1$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

L=G_d leaf-green
 $LCH^*_d = 51.9 \ 74.3 \ 157.7$
 $LAB^*_d = 51.9 \ -68.8 \ 28.1$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

C=C_d cyan-blue
 $LCH^*_d = 58.3 \ 52.6 \ 236.1$
 $LAB^*_d = 58.3 \ -29.2 \ -43.7$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$

O=R_d orange-red
 $LCH^*_d = 47.3 \ 76.0 \ 32.8$
 $LAB^*_d = 47.3 \ 63.8 \ 41.2$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

M=M_d magenta-red
 $LCH^*_d = 48.2 \ 73.3 \ 353.3$
 $LAB^*_d = 48.2 \ 72.8 \ -8.5$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

V=B_d violet-blue
 $LCH^*_d = 25.3 \ 52.8 \ 296.4$
 $LAB^*_d = 25.3 \ 23.5 \ -47.3$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e yellow
 $LCH^*_e = 82.9 \ 87.9 \ 92.3$
 $LAB^*_e = 82.9 \ -3.5 \ 87.8$
 $rgb^*_{de} = 1.0 \ 0.841 \ 0.0$

G_e green
 $LCH^*_e = 52.4 \ 70.5 \ 162.2$
 $LAB^*_e = 52.4 \ -67.1 \ 21.5$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.093$

C_e blue-green
 $LCH^*_e = 56.6 \ 49.8 \ 216.9$
 $LAB^*_e = 56.6 \ -39.7 \ -29.9$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.735$

B_e blue
 $LCH^*_e = 37.9 \ 45.4 \ 271.7$
 $LAB^*_e = 37.9 \ 1.3 \ -45.4$
 $rgb^*_{de} = 0.0 \ 0.374 \ 1.0$

R_e red
 $LCH^*_e = 47.6 \ 71.9 \ 25.4$
 $LAB^*_e = 47.6 \ 64.9 \ 30.9$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.209$

M_e blue-red
 $LCH^*_e = 34.8 \ 57.7 \ 328.6$
 $LAB^*_e = 34.8 \ 49.2 \ -30.0$
 $rgb^*_{de} = 0.407 \ 0.0 \ 1.0$

Y_s yellow
 $LCH^*_s = 80.6 \ 84.9 \ 90.0$
 $LAB^*_s = 80.6 \ 0.0 \ 84.9$
 $rgb^*_{ds} = 1.0 \ 0.784 \ 0.0$

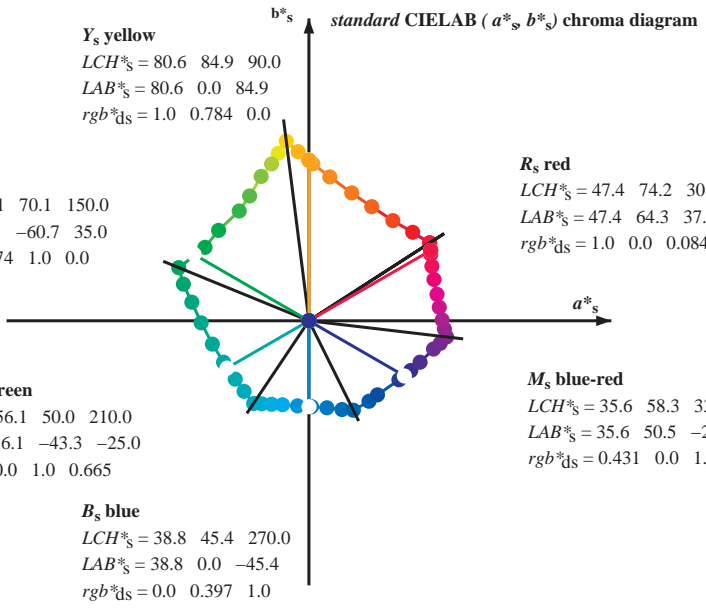
G_s green
 $LCH^*_s = 55.1 \ 70.1 \ 150.0$
 $LAB^*_s = 55.1 \ -60.7 \ 35.0$
 $rgb^*_{ds} = 0.074 \ 1.0 \ 0.0$

C_s blue-green
 $LCH^*_s = 56.1 \ 50.0 \ 210.0$
 $LAB^*_s = 56.1 \ -43.3 \ -25.0$
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.665$

R_s red
 $LCH^*_s = 47.4 \ 74.2 \ 30.0$
 $LAB^*_s = 47.4 \ 64.3 \ 37.1$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.084$

M_s blue-red
 $LCH^*_s = 35.6 \ 58.3 \ 330.0$
 $LAB^*_s = 35.6 \ 50.5 \ -29.1$
 $rgb^*_{ds} = 0.431 \ 0.0 \ 1.0$

B_s blue
 $LCH^*_s = 38.8 \ 45.4 \ 270.0$
 $LAB^*_s = 38.8 \ 0.0 \ -45.4$
 $rgb^*_{ds} = 0.0 \ 0.397 \ 1.0$



Notes to the CIELAB chroma diagrams (a^*_d, b^*_d), (a^*_s, b^*_s), (a^*_e, b^*_e)

- For the rgb^*_e -input values the CIELAB data LCH^*_e and LAB^*_e have been calculated.
- For the calculation of the standard hue angle $h_{ab,s}$ use for any device values rgb^*_d the equation:
$$h_{ab,s} = atan [r^*_d \cos(30) + g^*_d \cos(150)] / [r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270)] \tag{1}$$
- For the 48 or 360 equally spaced standard hue angles $h_{ab,s}$ of the colours of maximum chroma use the seven hue angles of the 60 degree colours s : $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$ ($i=0,6$) and the equations for a 48 and 360 step hue circle:
$$h_{48ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 8 \ (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \tag{2}$$

$$h_{360ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60 \ (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \tag{3}$$
- For the 48 or 360 elementary hue angles $h_{ab,e}$ of the colours of maximum chroma use the seven hue angles of the elementary colours e : $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$ ($i=0,6$) and the equations for a 48 and 360 step elementary hue circle:
$$h_{48ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 8 \ (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \tag{4}$$

$$h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 \ (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \tag{5}$$
- For any elementary hue angle $h_{ab,e}$ there is a well defined device hue angle $h_{ab,d}$ see the following tables, columns 1 to 5 or 1 to 4.
- The values rgb^*_e produce the output of the device-independent elementary hues

see similar files: http://130.149.60.45/~farbmetrik/QE15/QE15.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

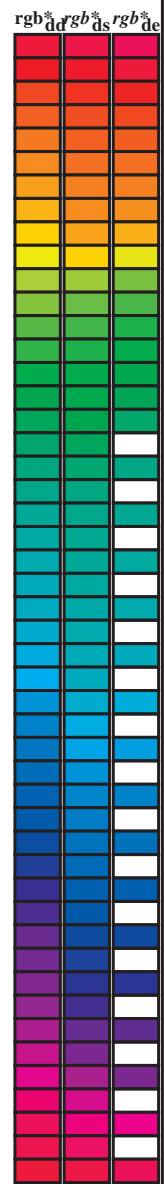
TUB registration: 20130201-QE15/QE15L0FA.TXT /PS
application for measurement of offset print output, separation cmy6* (CMYK)
TUB material: code=rha4ta

Data of maximum color M in colorimetric system offset standard print; separation cmykn6*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCM_s; h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours RYGBCM_d; h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBCM_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 ^a _{dd}	rgb ^b _{dd}	rgb ^c _{dd}	LAB [*] _{ddx64M}	LAB [*] _{ddx361M}	rgb ^a _{ds}	rgb ^b _{ds}	rgb ^c _{ds}	LAB [*] _{dsx361M}	rgb ^a _{de}	rgb ^b _{de}	rgb ^c _{de}																					
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	0.0	47.4	63.9	41.2	76.0	32	1.0	0.0	0.084	47.4	64.3	37.1	74.3	30	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	0.117	0.0	51.0	55.5	46.5	72.4	39	1.0	0.069	0.0	49.5	59.0	44.5	73.9	37	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	0.25	0.0	56.0	44.4	53.0	69.2	50	1.0	0.185	0.0	53.5	50.0	50.0	70.7	45	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	0.367	0.0	61.1	34.0	59.9	68.9	60	1.0	0.272	0.0	57.0	42.6	54.5	69.1	52	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	0.5	0.0	67.2	22.6	67.6	71.3	71	1.0	0.362	0.0	60.9	34.5	59.7	68.9	60	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	0.617	0.0	73.2	11.9	75.7	76.6	81	1.0	0.446	0.0	64.7	27.4	64.7	70.3	67	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	0.75	0.0	79.3	2.0	83.1	83.1	88	1.0	0.543	0.0	69.4	19.0	70.7	73.2	75	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	0.867	0.0	84.0	-5.1	89.1	89.2	93	1.0	0.629	0.0	73.8	10.7	76.5	77.2	82	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	1.0	0.0	88.4	-11.9	95.1	95.9	97	1.0	0.785	0.0	80.7	0.0	84.9	84.9	90	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	0.883	1.0	0.0	86.0	-15.9	89.0	90.5	100	1.0	0.994	0.0	88.2	-11.5	94.8	95.6	97	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	0.75	1.0	0.0	83.0	-19.6	83.0	85.3	103	0.709	1.0	0.0	81.0	-21.6	80.9	83.7	105	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	0.633	1.0	0.0	77.5	-24.8	76.8	80.8	107	0.56	1.0	0.0	74.9	-28.6	71.1	76.6	112	0.455	1.0	0.0	71.4	-33.4	63.2	71.6	117	
115.3	120.0	127.5	0.5	1.0	0.0	72.7	-31.3	66.0	73.1	115.3	0.5	1.0	0.0	72.8	-31.3	66.1	73.1	115	0.418	1.0	0.0	70.3	-35.1	60.9	70.3	120	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	0.383	1.0	0.0	69.2	-36.5	58.6	69.1	121	0.329	1.0	0.0	66.0	-41.1	54.6	68.4	127	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	0.25	1.0	0.0	60.9	-47.7	47.9	67.7	134	0.249	1.0	0.0	60.9	-47.7	47.8	67.7	135	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	0.133	1.0	0.0	57.6	-54.4	39.6	67.4	144	0.159	1.0	0.0	58.4	-53.0	41.5	67.4	142	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	0.0	52.0	-68.8	28.1	74.4	157	0.074	1.0	0.0	55.2	-60.7	35.1	70.2	150	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	0.117	52.5	-66.5	19.9	69.5	163	0.008	1.0	0.0	52.3	-68.0	28.9	73.9	157	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	0.25	53.3	-61.9	9.8	62.8	170	0.0	1.0	0.147	52.7	-65.7	17.6	68.1	165	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	0.367	54.0	-57.3	-0.3	57.4	180	0.0	1.0	0.263	53.4	-61.5	8.7	62.2	172	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	0.5	54.8	-51.0	-12.2	52.6	193	0.0	1.0	0.362	54.0	-57.5	0.0	57.6	180	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	0.617	55.8	-45.5	-21.3	50.3	205	0.0	1.0	0.434	54.5	-54.4	-6.6	54.9	187	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	0.75	56.8	-38.9	-30.8	49.8	218	0.0	1.0	0.514	55.0	-50.4	-13.4	52.3	195	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	0.867	57.5	-34.6	-36.8	50.6	226	0.0	1.0	0.585	55.5	-47.1	-19.0	50.9	202	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	1.0	58.3	-29.2	-43.6	52.6	236	0.0	1.0	0.666	56.1	-43.2	-24.9	50.0	210	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	0.883	1.0	55.5	-25.2	-43.8	50.7	240	0.0	1.0	0.736	56.7	-39.7	-29.9	49.8	217	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	0.75	1.0	51.8	-19.7	-44.1	48.4	245	0.0	1.0	0.842	57.4	-35.6	-35.6	50.4	225	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	0.633	1.0	48.0	-14.2	-44.3	46.7	252	0.0	1.0	0.941	58.0	-31.7	-40.7	51.7	232	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	0.5	1.0	42.8	-5.9	-44.9	45.4	262	0.0	1.0	0.886	1.0	55.5	-25.3	-43.8	50.7	240	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	0.383	1.0	38.3	0.9	-44.3	45.4	271	0.0	0.729	1.0	51.1	-18.7	-44.2	48.1	247	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	0.25	1.0	33.3	9.5	-45.9	47.0	281	0.0	0.594	1.0	46.5	-11.9	-44.6	46.3	255	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	0.133	1.0	28.9	16.9	-46.9	49.9	289	0.0	0.505	1.0	43.0	-6.2	-44.9	45.5	262	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	0.0	1.0	25.3	23.5	-47.3	52.9	296	0.0	0.398	1.0	38.8	0.0	-45.3	45.4	270	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	0.117	0.0	1.0	29.1	31.3	-42.9	53.1	306	0.0	0.309	1.0	35.5	5.6	-45.8	46.3	277	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	0.25	0.0	1.0	31.6	36.3	-39.1	53.4	312	0.0	0.202	1.0	31.5	12.5	-46.5	48.2	285	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	0.367	0.0	1.0	33.7	46.9	-31.8	56.7	325	0.0	0.091	1.0	27.7	19.1	-47.1	50.9	292	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	0.5	0.0	1.0	37.9	53.8	-26.3	59.9	333	0.043	0.0	1.0	26.7	26.5	-45.8	53.0	300	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	0.617	0.0	1.0	40.																					

Data of Maximum color M in colorimetric system Offset standard print; separation cmy⁶*, D65 for input or output; Six hue angles of the 60 degree standard colours RY⁶CBM_c: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours RY⁶CBM_d: h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RY⁶CBM_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 ⁶ * dd64M	LAB* ddx64M (x=LabCh)	rgb ⁶ * 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	0.06 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



see similar files: http://130.149.60.45/~farbmetrik/QE15/QE15.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE15/QE15L0FA.TXT /PS
application for measurement of offset print output, separation cmy⁶* (CMYK)
TUB material: code=rh4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmy⁶*, D65 for input or output; Six hue angles of the 60 degree standard colours RY⁶GCB⁶_M; h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours RY⁶GCB⁶_d; h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RY⁶GCB⁶_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 ⁶ *_dd361M	LAB ⁶ *_ddx361Mi (x=LabCh)	R _d	rgb ⁶ *_ds361Mi	LAB ⁶ *_dsx361Mi (x=LabCh)	R _s	rgb ⁶ *_dd361Mi	LAB ⁶ *_dex361Mi (x=LabCh)	R _e	rgb ⁶ *_dd361Mi	rgb ⁶ *_ds361Mi	rgb ⁶ *_de361Mi
32	30	25	1.0 0.0 0.0	47.3 63.8 41.2 76.0 32	1.0	1.0 0.0 0.084 47.4 64.3 37.1 74.3 30	1.0	1.0 0.0 0.0	1.0 0.0 0.18 47.6 64.8 32.4 72.5 26	1.0	1.0 0.0 0.0			
33	31	26	1.0 0.016 0.0	47.8 62.7 42.0 75.4 33	1.0	1.0 0.0 0.054 47.4 64.2 38.6 74.9 31	1.0	1.0 0.017 0.0	1.0 0.0 0.15 47.5 64.6 33.9 73.0 27	1.0	1.0 0.033 0.0			
34	32	27	1.0 0.033 0.0	48.3 61.5 42.8 74.9 34	1.0	1.0 0.0 0.025 47.4 64.0 40.0 75.5 32	1.0	1.0 0.033 0.0	1.0 0.0 0.119 47.5 64.4 35.5 73.6 28	1.0	1.0 0.05 0.0			
35	33	28	1.0 0.05 0.0	48.9 60.3 43.6 74.4 35	1.0	1.0 0.003 0.0 47.5 63.7 41.3 75.9 33	1.0	1.0 0.05 0.0	1.0 0.0 0.086 47.4 64.3 37.0 74.2 29	1.0	1.0 0.067 0.0			
36	34	29	1.0 0.066 0.0	49.4 59.1 44.3 73.9 36	1.0	1.0 0.019 0.0 48.0 62.5 42.2 75.4 34	1.0	1.0 0.067 0.0	1.0 0.0 0.053 47.4 64.2 38.6 74.9 31	1.0	1.0 0.083 0.0			
37	35	31	1.0 0.083 0.0	49.9 57.9 45.1 73.4 37	1.0	1.0 0.036 0.0 48.5 61.4 43.0 74.9 35	1.0	1.0 0.083 0.0	1.0 0.0 0.02 47.4 64.0 40.2 75.6 32	1.0	1.0 0.1 0.0			
38	36	32	1.0 0.1 0.0	50.4 56.7 45.7 72.9 38	1.0	1.0 0.052 0.0 49.0 60.2 43.7 74.4 36	1.0	1.0 0.1 0.0	1.0 0.007 0.0 47.6 63.4 41.6 75.8 33	1.0	1.0 0.117 0.0			
39	37	33	1.0 0.116 0.0	50.9 55.5 46.4 72.3 39	1.0	1.0 0.069 0.0 49.5 59.0 44.5 73.9 37	1.0	1.0 0.117 0.0	1.0 0.026 0.0 48.2 62.1 42.5 75.2 34	1.0	1.0 0.133 0.0			
41	38	34	1.0 0.133 0.0	51.5 54.2 47.2 71.9 41	1.0	1.0 0.085 0.0 50.0 57.8 45.2 73.4 38	1.0	1.0 0.133 0.0	1.0 0.044 0.0 48.7 60.8 43.4 74.6 35	1.0	1.0 0.15 0.0			
42	39	35	1.0 0.15 0.0	52.1 52.8 48.1 71.5 42	1.0	1.0 0.101 0.0 50.5 56.6 45.9 72.9 39	1.0	1.0 0.15 0.0	1.0 0.062 0.0 49.3 59.5 44.2 74.1 36	1.0	1.0 0.167 0.0			
43	40	36	1.0 0.166 0.0	52.8 51.4 49.0 71.1 43	1.0	1.0 0.118 0.0 51.0 55.4 46.5 72.4 40	1.0	1.0 0.167 0.0	1.0 0.081 0.0 49.8 58.1 45.0 73.5 37	1.0	1.0 0.183 0.0			
44	41	37	1.0 0.183 0.0	53.4 50.1 49.9 70.7 44	1.0	1.0 0.132 0.0 51.5 54.3 47.2 72.0 41	1.0	1.0 0.183 0.0	1.0 0.099 0.0 50.4 56.8 45.8 72.9 38	1.0	1.0 0.2 0.0			
46	42	38	1.0 0.2 0.0	54.1 48.7 50.7 70.3 46	1.0	1.0 0.145 0.0 52.0 53.2 47.9 71.7 42	1.0	1.0 0.2 0.0	1.0 0.133 0.0 51.5 54.2 47.3 71.9 41	1.0	1.0 0.233 0.0			
47	43	39	1.0 0.216 0.0	54.7 47.3 51.5 69.9 47	1.0	1.0 0.158 0.0 52.5 52.2 48.7 71.3 43	1.0	1.0 0.217 0.0	1.0 0.148 0.0 52.1 53.0 48.1 71.6 42	1.0	1.0 0.25 0.0			
48	44	41	1.0 0.233 0.0	55.3 45.8 52.2 69.5 48	1.0	1.0 0.172 0.0 53.0 51.1 49.3 71.0 44	1.0	1.0 0.233 0.0	1.0 0.162 0.0 52.7 51.9 48.9 71.2 43	1.0	1.0 0.267 0.0			
50	45	42	1.0 0.25 0.0	56.0 44.4 53.0 69.1 50	1.0	1.0 0.185 0.0 53.5 50.0 50.0 70.7 45	1.0	1.0 0.25 0.0	1.0 0.177 0.0 53.2 50.6 49.6 70.9 44	1.0	1.0 0.283 0.0			
51	46	43	1.0 0.266 0.0	56.7 43.0 54.1 69.1 51	1.0	1.0 0.198 0.0 54.0 48.9 50.7 70.4 46	1.0	1.0 0.267 0.0	1.0 0.191 0.0 53.8 49.4 50.4 70.6 45	1.0	1.0 0.3 0.0			
52	47	44	1.0 0.283 0.0	57.4 41.5 55.1 69.1 52	1.0	1.0 0.211 0.0 54.5 47.8 51.3 70.1 47	1.0	1.0 0.283 0.0	1.0 0.206 0.0 54.3 48.2 51.1 70.2 46	1.0	1.0 0.317 0.0			
54	48	45	1.0 0.3 0.0	58.2 40.1 56.2 69.0 54	1.0	1.0 0.224 0.0 55.0 46.7 51.9 69.8 48	1.0	1.0 0.3 0.0	1.0 0.22 0.0 54.9 47.0 51.7 69.9 47	1.0	1.0 0.333 0.0			
55	49	46	1.0 0.316 0.0	58.9 38.6 57.1 69.0 55	1.0	1.0 0.237 0.0 55.5 45.6 52.4 69.5 49	1.0	1.0 0.317 0.0	1.0 0.235 0.0 55.5 45.7 52.4 69.5 48	1.0	1.0 0.35 0.0			
57	50	47	1.0 0.333 0.0	59.6 37.1 58.1 68.9 57	1.0	1.0 0.25 0.0 56.0 44.5 53.0 69.2 50	1.0	1.0 0.333 0.0	1.0 0.25 0.0 56.0 44.5 53.0 69.2 49	1.0	1.0 0.367 0.0			
58	51	48	1.0 0.35 0.0	60.3 35.5 59.0 68.9 58	1.0	1.0 0.261 0.0 56.5 43.5 53.7 69.2 51	1.0	1.0 0.35 0.0	1.0 0.262 0.0 56.6 43.4 53.8 69.1 51	1.0	1.0 0.383 0.0			
60	52	49	1.0 0.366 0.0	61.0 34.0 59.9 68.9 60	1.0	1.0 0.272 0.0 57.0 42.6 54.5 69.1 52	1.0	1.0 0.367 0.0	1.0 0.275 0.0 57.1 42.4 54.6 69.1 52	1.0	1.0 0.4 0.0			
61	53	51	1.0 0.383 0.0	61.8 32.5 60.8 69.0 61	1.0	1.0 0.283 0.0 57.5 41.6 55.2 69.1 53	1.0	1.0 0.383 0.0	1.0 0.287 0.0 57.6 41.3 55.4 69.1 53	1.0	1.0 0.417 0.0			
63	54	52	1.0 0.4 0.0	62.5 31.2 61.9 69.3 63	1.0	1.0 0.295 0.0 58.0 40.6 55.9 69.1 54	1.0	1.0 0.4 0.0	1.0 0.3 0.0 58.2 40.2 56.2 69.1 54	1.0	1.0 0.433 0.0			
64	55	53	1.0 0.416 0.0	63.3 29.8 62.9 69.6 64	1.0	1.0 0.306 0.0 58.5 39.6 56.6 69.1 55	1.0	1.0 0.417 0.0	1.0 0.312 0.0 58.7 39.0 56.9 69.0 55	1.0	1.0 0.45 0.0			
65	56	54	1.0 0.433 0.0	64.1 28.4 63.9 70.0 65	1.0	1.0 0.317 0.0 58.9 38.6 57.2 69.0 56	1.0	1.0 0.433 0.0	1.0 0.325 0.0 59.3 37.9 57.7 69.0 56	1.0	1.0 0.467 0.0			
67	57	55	1.0 0.45 0.0	64.9 27.0 64.9 70.3 67	1.0	1.0 0.328 0.0 59.4 37.6 57.9 69.0 57	1.0	1.0 0.45 0.0	1.0 0.337 0.0 59.8 36.8 58.4 69.0 57	1.0	1.0 0.483 0.0			
68	58	56	1.0 0.466 0.0	65.6 25.6 65.8 70.6 68	1.0	1.0 0.34 0.0 59.9 36.6 58.5 69.0 58	1.0	1.0 0.467 0.0	1.0 0.35 0.0 60.3 35.6 59.0 69.0 58	1.0	1.0 0.5 0.0			
70	59	57	1.0 0.483 0.0	66.4 24.1 66.7 70.9 70	1.0	1.0 0.351 0.0 60.4 35.5 59.1 69.0 59	1.0	1.0 0.483 0.0	1.0 0.362 0.0 60.9 34.5 59.7 68.9 60	1.0	1.0 0.517 0.0			
71	60	58	1.0 0.5 0.0	67.2 22.6 67.6 71.2 71	1.0	1.0 0.362 0.0 60.9 34.5 59.7 68.9 60	1.0	1.0 0.5 0.0	1.0 0.375 0.0 61.4 33.3 60.3 68.9 61	1.0	1.0 0.533 0.0			
72	61	60	1.0 0.516 0.0	68.0 21.2 68.8 72.0 72	1.0	1.0 0.373 0.0 61.4 33.4 60.3 68.9 61	1.0	1.0 0.517 0.0	1.0 0.388 0.0 62.0 32.2 61.2 69.1 62	1.0	1.0 0.55 0.0			
74	62	61	1.0 0.533 0.0	68.9 19.7 70.0 72.8 74	1.0	1.0 0.385 0.0 61.9 32.4 61.0 69.1 62	1.0	1.0 0.533 0.0	1.0 0.402 0.0 62.7 31.1 62.0 69.4 63	1.0	1.0 0.567 0.0			
75	63	62	1.0 0.55 0.0	69.7 18.2 71.2 73.5 75	1.0	1.0 0.397 0.0 62.5 31.5 61.8 69.3 63	1.0	1.0 0.55 0.0	1.0 0.415 0.0 63.3 30.0 62.9 69.7 64	1.0	1.0 0.583 0.0			
76	64	63	1.0 0.566 0.0	70.6 16.7 72.4 74.3 76	1.0	1.0 0.409 0.0 63.0 30.5 62.5 69.6 64	1.0	1.0 0.567 0.0	1.0 0.428 0.0 63.9 28.9 63.7 69.9 65	1.0	1.0 0.6 0.0			
78	65	64	1.0 0.583 0.0	71.5 15.1 73.5 75.0 78	1.0	1.0 0.421 0.0 63.6 29.5 63.2 69.8 65	1.0	1.0 0.583 0.0	1.0 0.442 0.0 64.5 27.8 64.5 70.2 66	1.0	1.0 0.617 0.0			
79	66	65	1.0 0.6 0.0	72.3 13.5 74.6 75.8 79	1.0	1.0 0.434 0.0 64.2 28.5 64.0 70.0 66	1.0	1.0 0.6 0.0	1.0 0.455 0.0 65.2 26.6 65.2 70.4 67	1.0	1.0 0.633 0.0			
81	67	66	1.0 0.616 0.0	73.2 11.8 75.6 76.6 81	1.0	1.0 0.446 0.0 64.7 27.4 64.7 70.3 67	1.0	1.0 0.617 0.0	1.0 0.469 0.0 65.8 25.4 66.0 70.7 68	1.0	1.0 0.65 0.0			
82	68	67	1.0 0.633 0.0	74.0 10.4 76.6 77.3 82	1.0	1.0 0.458 0.0 65.3 26.4 65.4 70.5 68	1.0	1.0 0.633 0.0	1.0 0.482 0.0 66.4 24.2 66.7 71.0 70	1.0	1.0 0.667 0.0			
83	69	68	1.0 0.65 0.0	74.7 9.3 77.6 78.2 83	1.0	1.0 0.47 0.0 65.8 25.3 66.0 70.7 69	1.0	1.0 0.65 0.0	1.0 0.496 0.0 67.0 23.0 67.4 71.2 71	1.0	1.0 0.683 0.0			
84	70	70	1.0 0.666 0.0	75.5 8.2 78.6 79.0 84	1.0	1.0 0.482 0.0 66.4 24.3 66.7 70.9 70	1.0	1.0 0.667 0.0	1.0 0.509 0.0 67.7 21.9 68.3 71.7 72	1.0	1.0 0.7 0.0			
84	71	71	1.0 0.683 0.0	76.2 7.0 79.5 79.8 84	1.0	1.0 0.494 0.0 66.9 23.2 67.3 71.2 71	1.0	1.0 0.683 0.0	1.0 0.523 0.0 68.4 20.7 69.3 72.3 73	1.0	1.0 0.717 0.0			
85	72	72	1.0 0.7 0.0	77.0 5.8 80.4 80.6 85	1.0	1.0 0.506 0.0 67.5 22.1 68.1 71.6 72	1.0	1.0 0.7 0.0	1.0 0.537 0.0 69.1 19.5 70.3 73.0 74	1.0	1.0 0.733 0.0			
86	73	73	1.0 0.716 0.0	77.7 4.5 81.3 81.4 86	1.0	1.0 0.518 0.0 68.2 21.1 69.0 72.1 73	1.0	1.0 0.717 0.0	1.0 0.55 0.0 69.8 18.3 71.3 73.6 75	1.0	1.0 0.75 0.0			
87	74	74	1.0 0.733 0.0	78.5 3.3 82.2 82.3 87	1.0	1.0 0.531 0.0 68.8 20.0 69.9 72.7 74	1.0	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	1.0 0.543 0.0 69.4 19.0 70.7 73.2 75	1.0	1.0 0.75 0.0						

see similar files: http://130.149.60.45/~farbmetrik/QE15/QE15.HTM
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TUB registration: 20130201-QE15/QE15L0FA.TXT /.PS
application for measurement of offset print output, separation cmy⁶* (CMYK)
TUB material: code=rh4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmy₆*; D65 for input or output; Six hue angles of the 60 degree standard colours RY₆C₆M₆; h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;

Six hue angles of the device colours RY₆G₆B₆M₆: h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RY₆C₆M₆: 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* dxx361Mi (x=LabCh)	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	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	70.3	-35.1	60.9	70.3	120	0.5	1.0	0.0	0.327	1.0	0.0	65.8	-41.3	54.4	68.4	127	0.5	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	69.7	-35.8	59.8	69.7	121	0.483	1.0	0.0	0.315	1.0	0.0	65.1	-42.3	53.5	68.3	128	0.483	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	69.2	-36.5	58.6	69.1	122	0.467	1.0	0.0	0.303	1.0	0.0	64.3	-43.3	52.5	68.2	129	0.467	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	68.5	-37.4	57.7	68.8	123	0.45	1.0	0.0	0.292	1.0	0.0	63.6	-44.3	51.5	68.1	130	0.45	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	67.9	-38.3	56.9	68.7	124	0.433	1.0	0.0	0.28	1.0	0.0	62.8	-45.3	50.6	67.9	131	0.433	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	67.3	-39.2	56.2	68.6	125	0.417	1.0	0.0	0.269	1.0	0.0	62.1	-46.2	49.5	67.8	133	0.417	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	66.6	-40.2	55.4	68.5	126	0.4	1.0	0.0	0.257	1.0	0.0	61.3	-47.2	48.5	67.7	134	0.4	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	66.0	-41.1	54.6	68.4	127	0.383	1.0	0.0	0.244	1.0	0.0	60.7	-48.1	47.5	67.6	135	0.383	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	65.3	-42.0	53.8	68.3	128	0.367	1.0	0.0	0.229	1.0	0.0	60.3	-49.0	46.5	67.6	136	0.367	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	64.7	-42.8	53.0	68.2	129	0.35	1.0	0.0	0.214	1.0	0.0	59.9	-49.9	45.4	67.6	137	0.35	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	64.1	-43.7	52.2	68.1	130	0.333	1.0	0.0	0.199	1.0	0.0	59.5	-50.8	44.4	67.5	138	0.333	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	63.4	-44.5	51.3	68.0	131	0.317	1.0	0.0	0.184	1.0	0.0	59.1	-51.7	43.3	67.5	140	0.317	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	62.8	-45.4	50.5	67.9	132	0.3	1.0	0.0	0.169	1.0	0.0	58.6	-52.5	42.2	67.5	141	0.3	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	62.1	-46.2	49.6	67.8	133	0.283	1.0	0.0	0.154	1.0	0.0	58.2	-53.3	41.1	67.4	142	0.283	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	61.5	-47.0	48.7	67.8	134	0.267	1.0	0.0	0.139	1.0	0.0	57.8	-54.1	40.0	67.4	143	0.267	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	60.9	-47.7	47.8	67.7	135	0.25	1.0	0.0	0.124	1.0	0.0	57.4	-54.9	38.9	67.4	144	0.25	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	60.5	-48.5	47.0	67.6	136	0.233	1.0	0.0	0.113	1.0	0.0	56.9	-56.2	38.1	68.0	145	0.233	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	60.1	-49.3	46.1	67.6	137	0.217	1.0	0.0	0.102	1.0	0.0	56.4	-57.5	37.3	68.6	147	0.217	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	59.8	-50.1	45.2	67.6	138	0.2	1.0	0.0	0.091	1.0	0.0	55.9	-58.8	36.4	69.2	148	0.2	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	59.4	-50.9	44.3	67.5	139	0.183	1.0	0.0	0.08	1.0	0.0	55.4	-60.0	35.6	69.9	149	0.183	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	59.1	-51.6	43.4	67.5	140	0.167	1.0	0.0	0.069	1.0	0.0	55.0	-61.3	34.6	70.5	150	0.167	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	58.7	-52.3	42.5	67.5	141	0.15	1.0	0.0	0.058	1.0	0.0	54.5	-62.5	33.7	71.1	151	0.15	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	58.4	-53.0	41.5	67.4	142	0.133	1.0	0.0	0.047	1.0	0.0	54.0	-63.8	32.7	71.7	152	0.133	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	58.0	-53.7	40.6	67.4	143	0.117	1.0	0.0	0.035	1.0	0.0	53.5	-65.0	31.7	72.4	154	0.117	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	57.7	-54.4	39.6	67.4	144	0.1	1.0	0.0	0.024	1.0	0.0	53.0	-66.2	30.6	73.0	155	0.1	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	57.3	-55.2	38.7	67.5	145	0.083	1.0	0.0	0.013	1.0	0.0	52.5	-67.4	29.5	73.6	156	0.083	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	56.9	-56.3	38.1	68.0	146	0.067	1.0	0.0	0.002	1.0	0.0	52.0	-68.5	28.3	74.2	157	0.067	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	56.4	-57.4	37.4	68.6	147	0.05	1.0	0.0	0.0	1.0	0.02	52.1	-68.4	26.7	73.6	158	0.05	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	56.0	-58.5	36.6	69.1	148	0.033	1.0	0.0	0.0	1.0	0.044	52.2	-68.0	24.9	72.5	159	0.033	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	55.6	-59.6	35.9	69.7	149	0.017	1.0	0.0	0.0	1.0	0.069	52.3	-67.6	23.2	71.5	161	0.017	1.0	0.0
157	150	162	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157	G _d 0.074	1.0	0.0	55.2	-60.7	35.1	70.2	150	G _s 0.0	1.0	0.0	0.0	1.0	0.093	52.4	-67.0	21.5	70.5	162	G _e 0.0	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	0.0	54.8	-61.8	34.3	70.7	151	0.0	1.0	0.017	0.0	1.0	0.112	52.5	-66.6	20.2	69.7	163	0.0	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	0.0	54.4	-62.8	33.5	71.3	152	0.0	1.0	0.033	0.0	1.0	0.13	52.6	-66.2	18.9	68.9	164	0.0	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	0.0	53.9	-63.9	32.6	71.8	153	0.0	1.0	0.05	0.0	1.0	0.146	52.7	-65.7	17.7	68.1	164	0.0	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	0.0	53.5	-64.9	31.7	72.3	154	0.0	1.0	0.067	0.0	1.0	0.162	52.8	-65.2	16.4	67.3	165	0.0	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	0.0	53.1	-65.9	30.8	72.9	155	0.0	1.0	0.083	0.0	1.0	0.178	52.9	-64.6	15.2	66.5	166	0.0	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	0.0	52.7	-67.0	29.9	73.4	156	0.0	1.0	0.1	0.0	1.0	0.193	53.0	-64.1	14.0	65.7	167	0.0	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	0.0	52.3	-68.0	28.9	73.9	157	0.0	1.0	0.117	0.0	1.0	0.209	53.1	-63.5	12.8	64.9	168	0.0	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	0.004	52.0	-68.7	27.8	74.2	158	0.0	1.0	0.133	0.0	1.0	0.225	53.2	-62.9	11.6	64.1	169	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	0.025	52.1	-68.3	26.3	73.3	159	0.0	1.0	0.15	0.0	1.0	0.241	53.2	-62.3	10.5	63.3	170	0.0	1.0	0.15

Data of Maximum color M in colorimetric system Offset standard print; separation cmy⁶*; D65 for input or output; Six hue angles of the 60 degree standard colours RY⁶GCB⁶_M; h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;

Six hue angles of the device colours RY ⁶ GCB ⁶ _M : h _{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3;			Six hue angles of the elementary colours RY ⁶ GCB ⁶ _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* _{dsx361Mi} (x=LabCh)	rgb* _{ds361Mi}	LAB* _{dsx361Mi} (x=LabCh)	rgb* _{de361Mi}	LAB* _{dex361Mi} (x=LabCh)	rgb* _{dd361Mi}	rgb* _{de361Mi}	rgb* _{ds361Mi}	rgb* _{de361Mi}														
170	165	175	0.0	1.0	0.25	53.2	-61.9	9.8	62.7	170	0.0	1.0	0.25	53.2	-61.9	9.8	62.7	170	0.0	1.0	0.25	53.2	-61.9	9.8	62.7	170
172	166	176	0.0	1.0	0.266	53.4	-61.4	8.2	61.9	172	0.0	1.0	0.267	53.8	-59.2	3.3	59.4	176	0.0	1.0	0.267	53.8	-59.2	3.3	59.4	176
173	167	177	0.0	1.0	0.283	53.5	-60.8	6.7	61.2	173	0.0	1.0	0.283	53.8	-58.7	2.3	58.9	177	0.0	1.0	0.283	53.8	-58.7	2.3	58.9	177
175	168	178	0.0	1.0	0.3	53.6	-60.2	5.2	60.4	175	0.0	1.0	0.3	53.9	-58.3	1.4	58.4	178	0.0	1.0	0.3	53.9	-58.3	1.4	58.4	178
176	169	179	0.0	1.0	0.316	53.7	-59.5	3.7	59.6	176	0.0	1.0	0.317	54.0	-57.7	0.4	57.8	179	0.0	1.0	0.317	54.0	-57.7	0.4	57.8	179
177	170	180	0.0	1.0	0.333	53.8	-58.8	2.3	58.9	177	0.0	1.0	0.333	54.1	-57.2	-0.4	57.3	180	0.0	1.0	0.333	54.1	-57.2	-0.4	57.3	180
179	171	181	0.0	1.0	0.35	53.9	-58.1	0.9	58.1	179	0.0	1.0	0.35	54.1	-56.8	-1.3	56.9	181	0.0	1.0	0.35	54.1	-56.8	-1.3	56.9	181
180	172	182	0.0	1.0	0.366	54.0	-57.3	-0.4	57.3	180	0.0	1.0	0.367	54.2	-56.4	-2.2	56.5	182	0.0	1.0	0.367	54.2	-56.4	-2.2	56.5	182
181	173	183	0.0	1.0	0.383	54.1	-56.6	-1.8	56.6	181	0.0	1.0	0.383	54.2	-56.0	-3.1	56.2	183	0.0	1.0	0.383	54.2	-56.0	-3.1	56.2	183
183	174	184	0.0	1.0	0.4	54.2	-55.9	-3.5	56.0	183	0.0	1.0	0.4	54.3	-55.7	-3.9	55.9	184	0.0	1.0	0.4	54.3	-55.7	-3.9	55.9	184
185	175	185	0.0	1.0	0.416	54.3	-55.2	-5.0	55.5	185	0.0	1.0	0.417	54.3	-55.3	-4.8	55.6	185	0.0	1.0	0.417	54.3	-55.3	-4.8	55.6	185
186	176	185	0.0	1.0	0.433	54.4	-54.5	-6.6	54.9	186	0.0	1.0	0.433	54.4	-54.9	-5.6	55.3	185	0.0	1.0	0.433	54.4	-54.9	-5.6	55.3	185
188	177	186	0.0	1.0	0.45	54.5	-53.7	-8.0	54.3	188	0.0	1.0	0.45	54.4	-54.4	-6.5	54.9	186	0.0	1.0	0.45	54.4	-54.4	-6.5	54.9	186
190	178	187	0.0	1.0	0.466	54.6	-52.8	-9.5	53.7	190	0.0	1.0	0.467	54.5	-54.0	-7.3	54.6	187	0.0	1.0	0.467	54.5	-54.0	-7.3	54.6	187
191	179	188	0.0	1.0	0.483	54.7	-52.0	-10.9	53.1	191	0.0	1.0	0.483	54.6	-53.6	-8.1	54.3	188	0.0	1.0	0.483	54.6	-53.6	-8.1	54.3	188
193	180	189	0.0	1.0	0.5	54.8	-51.0	-12.3	52.5	193	0.0	1.0	0.5	54.6	-53.1	-8.9	54.0	189	0.0	1.0	0.5	54.6	-53.1	-8.9	54.0	189
195	181	190	0.0	1.0	0.516	54.9	-50.4	-13.7	52.2	195	0.0	1.0	0.517	54.7	-52.6	-9.7	53.6	190	0.0	1.0	0.517	54.7	-52.6	-9.7	53.6	190
196	182	191	0.0	1.0	0.533	55.1	-49.6	-15.0	51.9	196	0.0	1.0	0.533	54.7	-52.2	-10.5	53.3	191	0.0	1.0	0.533	54.7	-52.2	-10.5	53.3	191
198	183	192	0.0	1.0	0.55	55.2	-48.9	-16.3	51.6	198	0.0	1.0	0.55	54.8	-51.7	-11.2	53.0	192	0.0	1.0	0.55	54.8	-51.7	-11.2	53.0	192
200	184	193	0.0	1.0	0.566	55.3	-48.1	-17.6	51.2	200	0.0	1.0	0.567	54.8	-51.2	-12.0	52.7	193	0.0	1.0	0.567	54.8	-51.2	-12.0	52.7	193
201	185	194	0.0	1.0	0.583	55.5	-47.3	-18.9	50.9	201	0.0	1.0	0.583	54.9	-50.8	-12.7	52.5	194	0.0	1.0	0.583	54.9	-50.8	-12.7	52.5	194
203	186	195	0.0	1.0	0.6	55.6	-46.4	-20.1	50.6	203	0.0	1.0	0.6	55.0	-50.4	-13.5	52.3	195	0.0	1.0	0.6	55.0	-50.4	-13.5	52.3	195
205	187	195	0.0	1.0	0.616	55.7	-45.5	-21.3	50.3	205	0.0	1.0	0.617	55.0	-50.0	-14.3	52.1	195	0.0	1.0	0.617	55.0	-50.0	-14.3	52.1	195
206	188	196	0.0	1.0	0.633	55.8	-44.7	-22.5	50.1	206	0.0	1.0	0.633	55.1	-49.6	-15.0	51.9	196	0.0	1.0	0.633	55.1	-49.6	-15.0	51.9	196
208	189	197	0.0	1.0	0.65	56.0	-44.0	-23.8	50.1	208	0.0	1.0	0.65	55.2	-49.2	-15.7	51.7	197	0.0	1.0	0.65	55.2	-49.2	-15.7	51.7	197
210	190	198	0.0	1.0	0.666	56.1	-43.2	-25.0	50.0	210	0.0	1.0	0.667	55.3	-48.7	-16.5	51.6	198	0.0	1.0	0.667	55.3	-48.7	-16.5	51.6	198
211	191	199	0.0	1.0	0.683	56.2	-42.4	-26.3	49.9	211	0.0	1.0	0.683	55.3	-48.3	-17.2	51.4	199	0.0	1.0	0.683	55.3	-48.3	-17.2	51.4	199
213	192	200	0.0	1.0	0.7	56.3	-41.6	-27.5	49.9	213	0.0	1.0	0.7	55.4	-47.9	-17.9	51.2	200	0.0	1.0	0.7	55.4	-47.9	-17.9	51.2	200
215	193	201	0.0	1.0	0.716	56.5	-40.8	-28.6	49.8	215	0.0	1.0	0.717	55.5	-47.4	-18.6	51.0	201	0.0	1.0	0.717	55.5	-47.4	-18.6	51.0	201
216	194	202	0.0	1.0	0.733	56.6	-39.9	-29.8	49.8	216	0.0	1.0	0.733	55.6	-46.9	-19.3	50.9	202	0.0	1.0	0.733	55.6	-46.9	-19.3	50.9	202
218	195	203	0.0	1.0	0.75	56.7	-38.9	-30.9	49.7	218	0.0	1.0	0.75	55.6	-46.5	-19.9	50.7	203	0.0	1.0	0.75	55.6	-46.5	-19.9	50.7	203
219	196	204	0.0	1.0	0.766	56.8	-38.4	-31.7	49.8	219	0.0	1.0	0.767	55.7	-46.0	-20.6	50.5	204	0.0	1.0	0.767	55.7	-46.0	-20.6	50.5	204
220	197	205	0.0	1.0	0.783	56.9	-37.8	-32.6	49.9	220	0.0	1.0	0.783	55.8	-45.5	-21.3	50.3	205	0.0	1.0	0.783	55.8	-45.5	-21.3	50.3	205
221	198	206	0.0	1.0	0.8	57.0	-37.2	-33.5	50.1	221	0.0	1.0	0.8	55.8	-45.0	-21.9	50.2	206	0.0	1.0	0.8	55.8	-45.0	-21.9	50.2	206
223	199	206	0.0	1.0	0.816	57.1	-36.6	-34.3	50.2	223	0.0	1.0	0.817	55.9	-44.6	-22.6	50.2	206	0.0	1.0	0.817	55.9	-44.6	-22.6	50.2	206
224	200	207	0.0	1.0	0.833	57.3	-36.0	-35.2	50.3	224	0.0	1.0	0.833	56.0	-44.2	-23.0	50.1	207	0.0	1.0	0.833	56.0	-44.2	-23.0	50.1	207
225	201	208	0.0	1.0	0.85	57.4	-35.3	-36.0	50.4	225	0.0	1.0	0.85	56.0	-43.8	-24.0	50.1	208	0.0	1.0	0.85	56.0	-43.8	-24.0	50.1	208
226	202	209	0.0	1.0	0.866	57.5	-34.6	-36.8	50.6	226	0.0	1.0	0.867	56.1	-43.4	-24.7	50.1	209	0.0	1.0	0.867	56.1	-43.4	-24.7	50.1	209
227	203	210	0.0	1.0	0.883	57.6	-34.0	-37.7	50.8	227	0.0	1.0	0.883	56.2	-43.0	-25.4	50.0	210	0.0	1.0	0.883	56.2	-43.0	-25.4	50.0	210
229	204	211	0.0	1.0	0.9	57.7	-33.4	-38.6	51.0	229	0.0	1.0	0.9	56.3	-42.5	-26.0	50.0	211	0.0	1.0	0.9	56.3	-42.5	-26.0	50.0	211
230	205	212	0.0	1.0	0.916	57.8	-32.8	-39.4	51.3	230	0.0	1.0	0.917	56.3	-42.1	-26.7	50.0	212	0.0	1.0	0.917	56.3	-42.1	-26.7	50.0	212
231	206	213	0.0	1.0	0.933	57.9	-32.1	-40.3	51.6	231	0.0	1.0	0.933	56.4	-41.6	-27.3	49.9	213	0.0	1.0	0.933	56.4	-41.6	-27.3	49.9	213
232	207	214	0.0	1.0	0.95	58.0	-31.4	-41.2	51.8	232	0.0	1.0	0.95	56.5	-41.1	-28.0	49.9	214	0.0	1.0	0.95	56.5	-41.1	-28.0	49.9	214
233	208	215	0.0	1.0	0.966	58.1	-30.7	-42.0	52.1	233	0.0	1.0	0.967	56.5	-40.7	-28.6	49.9	215	0.0	1.0	0.967	56.5	-40.7	-28.6	49.9	215
235	209	216	0.0	1.0	0.983	58.2	-30.0	-42.9	52.3	235	0.0	1.0	0.983	56.6	-40.2	-29.2	49.8	216	0.0	1.0	0.983	56.6	-40.2	-29.2	49.8	216
236	210	216	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236	0.0	1.0	1.0	56.7	-39.7	-29.9	49.8	216	0.0	1.0	1.0	56.7	-39.7	-29.9	49.8	216

see similar files: http://130.149.60.45/~farbmetrik/QE15/QE15.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE15/QE15L0FA.TXT /.PS
TUB material: code=rha4ta
application for measurement of offset print output, separation cmy⁶* (CMYK)

Data of Maximum color M in colorimetric system Offset standard print; separation cmykn6*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGCMB_s: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours RYGCMB_d: h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGCMB_e: h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

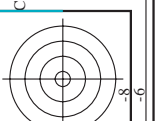
h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb [*] _{dd361M}	LAB [*] _{ddx361Mi (x=LabCh)}	rgb [*] _{ds361Mi}	LAB [*] _{dsx361Mi (x=LabCh)}	rgb [*] _{de361Mi}	LAB [*] _{dex361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	rgb [*] _{de361Mi}	rgb [*] _{ds361Mi}	rgb [*] _{de361Mi}	rgb [*] _{ds361Mi}																									
236	210	216	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236	0.0	1.0	0.666	56.1	-43.2	-24.9	50.0	210	C _s	0.0	1.0	1.0	0.0	1.0	0.736	56.7	-39.7	-29.9	49.8	216	C _e	0.0	1.0	1.0	0.0	1.0	0.983	1.0
236	211	217	0.0	0.983	1.0	57.9	-28.7	-43.7	52.3	236	0.0	1.0	0.676	56.2	-42.8	-25.7	50.0	211	0.0	0.983	1.0	0.0	1.0	0.745	56.7	-39.2	-30.5	49.8	217	0.0	0.983	1.0	0.0	1.0	0.967	1.0		
237	212	218	0.0	0.966	1.0	57.5	-28.1	-43.8	52.0	237	0.0	1.0	0.686	56.3	-42.3	-26.4	50.0	212	0.0	0.967	1.0	0.0	1.0	0.755	56.8	-38.7	-31.1	49.8	218	0.0	0.967	1.0	0.0	1.0	0.951	1.0		
237	213	219	0.0	0.951	1.0	57.1	-27.5	-43.8	51.8	237	0.0	1.0	0.696	56.4	-41.8	-27.1	49.9	213	0.0	0.951	1.0	0.0	1.0	0.768	56.9	-38.3	-31.8	49.9	219	0.0	0.951	1.0	0.0	1.0	0.933	1.0		
238	214	220	0.0	0.933	1.0	56.7	-26.9	-43.9	51.5	238	0.0	1.0	0.706	56.4	-41.3	-27.8	49.9	214	0.0	0.933	1.0	0.0	1.0	0.781	57.0	-37.8	-32.4	50.0	220	0.0	0.933	1.0	0.0	1.0	0.917	1.0		
238	215	221	0.0	0.916	1.0	56.2	-26.4	-43.9	51.2	238	0.0	1.0	0.716	56.5	-40.8	-28.5	49.9	215	0.0	0.917	1.0	0.0	1.0	0.794	57.0	-37.4	-33.1	50.1	221	0.0	0.917	1.0	0.0	1.0	0.883	1.0		
239	216	222	0.0	0.9	1.0	55.8	-25.8	-43.9	50.9	239	0.0	1.0	0.726	56.6	-40.2	-29.2	49.8	216	0.0	0.9	1.0	0.0	1.0	0.807	57.1	-36.9	-33.8	50.2	222	0.0	0.9	1.0	0.0	1.0	0.867	1.0		
240	217	223	0.0	0.883	1.0	55.4	-25.2	-43.9	50.7	240	0.0	1.0	0.736	56.7	-39.7	-29.9	49.8	217	0.0	0.883	1.0	0.0	1.0	0.819	57.2	-36.4	-34.4	50.3	223	0.0	0.883	1.0	0.0	1.0	0.832	1.0		
240	218	224	0.0	0.866	1.0	55.0	-24.6	-43.9	50.4	240	0.0	1.0	0.746	56.7	-39.1	-30.5	49.8	218	0.0	0.867	1.0	0.0	1.0	0.832	57.3	-36.0	-35.1	50.4	224	0.0	0.867	1.0	0.0	1.0	0.845	1.0		
241	219	225	0.0	0.85	1.0	54.5	-23.9	-44.0	50.1	241	0.0	1.0	0.758	56.8	-38.6	-31.2	49.8	219	0.0	0.85	1.0	0.0	1.0	0.845	57.4	-35.5	-35.7	50.5	225	0.0	0.85	1.0	0.0	1.0	0.858	1.0		
242	220	226	0.0	0.833	1.0	54.1	-23.2	-44.0	49.8	242	0.0	1.0	0.772	56.9	-38.1	-32.0	49.9	220	0.0	0.833	1.0	0.0	1.0	0.858	57.5	-35.0	-36.3	50.6	226	0.0	0.833	1.0	0.0	1.0	0.871	1.0		
242	221	227	0.0	0.816	1.0	53.6	-22.5	-44.1	49.5	242	0.0	1.0	0.786	57.0	-37.7	-32.7	50.0	221	0.0	0.817	1.0	0.0	1.0	0.871	57.5	-34.4	-37.0	50.7	227	0.0	0.817	1.0	0.0	1.0	0.884	1.0		
243	222	227	0.0	0.8	1.0	53.1	-21.8	-44.1	49.2	243	0.0	1.0	0.8	57.1	-37.2	-33.4	50.1	222	0.0	0.8	1.0	0.0	1.0	0.884	57.6	-33.9	-37.6	50.8	227	0.0	0.8	1.0	0.0	1.0	0.896	1.0		
244	223	228	0.0	0.783	1.0	52.7	-21.1	-44.1	48.9	244	0.0	1.0	0.814	57.2	-36.6	-34.2	50.2	223	0.0	0.783	1.0	0.0	1.0	0.896	57.7	-33.5	-38.3	51.0	228	0.0	0.783	1.0	0.0	1.0	0.909	1.0		
245	224	229	0.0	0.766	1.0	52.2	-20.4	-44.1	48.6	245	0.0	1.0	0.828	57.3	-36.1	-34.9	50.3	224	0.0	0.767	1.0	0.0	1.0	0.909	57.8	-33.0	-39.0	51.2	229	0.0	0.767	1.0	0.0	1.0	0.922	1.0		
245	225	230	0.0	0.75	1.0	51.7	-19.7	-44.1	48.3	245	0.0	1.0	0.842	57.4	-35.6	-35.6	50.4	225	0.0	0.75	1.0	0.0	1.0	0.922	57.9	-32.5	-39.7	51.4	230	0.0	0.75	1.0	0.0	1.0	0.935	1.0		
246	226	231	0.0	0.733	1.0	51.2	-18.9	-44.2	48.1	246	0.0	1.0	0.856	57.5	-35.0	-36.3	50.5	226	0.0	0.733	1.0	0.0	1.0	0.935	57.9	-32.0	-40.4	51.6	231	0.0	0.733	1.0	0.0	1.0	0.948	1.0		
247	227	232	0.0	0.716	1.0	50.7	-18.1	-44.3	47.8	247	0.0	1.0	0.87	57.5	-34.4	-36.9	50.7	227	0.0	0.717	1.0	0.0	1.0	0.948	58.0	-31.5	-41.0	51.8	232	0.0	0.717	1.0	0.0	1.0	0.961	1.0		
248	228	233	0.0	0.7	1.0	50.1	-17.4	-44.3	47.6	248	0.0	1.0	0.884	57.6	-33.9	-37.7	50.8	228	0.0	0.7	1.0	0.0	1.0	0.961	58.1	-30.9	-41.7	52.0	233	0.0	0.7	1.0	0.0	1.0	0.974	1.0		
249	229	234	0.0	0.683	1.0	49.6	-16.6	-44.3	47.4	249	0.0	1.0	0.899	57.7	-33.4	-38.4	51.1	229	0.0	0.683	1.0	0.0	1.0	0.974	58.2	-30.4	-42.3	52.2	234	0.0	0.683	1.0	0.0	1.0	0.987	1.0		
250	230	235	0.0	0.666	1.0	49.1	-15.8	-44.4	47.1	250	0.0	1.0	0.913	57.8	-32.9	-39.2	51.3	230	0.0	0.667	1.0	0.0	1.0	0.987	58.3	-29.8	-43.0	52.4	235	0.0	0.667	1.0	0.0	1.0	0.999	1.0		
251	231	236	0.0	0.65	1.0	48.5	-15.0	-44.4	46.9	251	0.0	1.0	0.927	57.9	-32.3	-39.9	51.5	231	0.0	0.65	1.0	0.0	1.0	0.999	58.3	-29.2	-43.6	52.6	236	0.0	0.65	1.0	0.0	1.0	0.974	1.0		
252	232	237	0.0	0.633	1.0	48.0	-14.3	-44.4	46.6	252	0.0	1.0	0.941	58.0	-31.7	-40.7	51.7	232	0.0	0.633	1.0	0.0	1.0	0.974	1.0	57.7	-28.3	-43.7	52.2	237	0.0	0.633	1.0	0.0	1.0	0.947	1.0	
253	233	237	0.0	0.616	1.0	47.4	-13.4	-44.5	46.4	253	0.0	1.0	0.955	58.1	-31.2	-41.4	51.9	233	0.0	0.617	1.0	0.0	1.0	0.947	1.0	57.0	-27.4	-43.8	51.8	237	0.0	0.617	1.0	0.0	1.0	0.919	1.0	
254	234	238	0.0	0.6	1.0	46.7	-12.3	-44.6	46.3	254	0.0	1.0	0.969	58.2	-30.6	-42.1	52.2	234	0.0	0.6	1.0	0.0	1.0	0.919	1.0	56.4	-26.4	-43.8	51.3	238	0.0	0.6	1.0	0.0	1.0	0.892	1.0	
255	235	239	0.0	0.583	1.0	46.1	-11.3	-44.7	46.1	255	0.0	1.0	0.983	58.2	-29.9	-42.8	52.4	235	0.0	0.583	1.0	0.0	1.0	0.892	1.0	55.7	-25.5	-43.8	50.8	239	0.0	0.583	1.0	0.0	1.0	0.867	1.0	
257	236	240	0.0	0.566	1.0	45.4	-10.2	-44.8	46.0	257	0.0	1.0	0.997	58.3	-29.3	-43.5	52.6	236	0.0	0.567	1.0	0.0	1.0	0.867	1.0	55.0	-24.6	-43.9	50.4	240	0.0	0.567	1.0	0.0	1.0	0.847	1.0	
258	237	241	0.0	0.55	1.0	44.7	-9.1	-44.9	45.8	258	0.0	1.0	0.976	1.0	57.7	-28.4	-43.7	52.2	237	0.0	0.55	1.0	0.0	1.0	0.847	1.0	54.5	-23.7	-44.0	50.1	241	0.0	0.55	1.0	0.0	1.0	0.826	1.0
259	238	242	0.0	0.533	1.0	44.1	-8.1	-45.0	45.7	259	0.0	1.0	0.946	1.0	57.0	-27.3	-43.8	51.7	238	0.0	0.533	1.0	0.0	1.0	0.826	1.0	53.9	-22.8	-44.0	49.7	242	0.0	0.533	1.0	0.0	1.0	0.805	1.0
261	239	243	0.0	0.516	1.0	43.4	-7.0	-45.0	45.5	261	0.0	1.0	0.916	1.0	56.3	-26.3	-43.8	51.2	239	0.0	0.517	1.0	0.0	1.0	0.805	1.0	53.3	-22.0	-44.0	49.3	243	0.0	0.517	1.0	0.0	1.0	0.785	1.0
262	240	244	0.0	0.5	1.0	42.7	-6.0	-45.0	45.4	262	0.0	1.0	0.886	1.0	55.5	-25.3	-43.8	50.7	240	0.0	0.5	1.0	0.0	1.0	0.785	1.0	52.7	-21.1	-44.1	49.0	244	0.0	0.5	1.0	0.0	1.0	0.764	1.0
263	241	245	0.0	0.483	1.0	42.1	-5.0	-45.1	45.4	263	0.0	1.0	0.861	1.0	54.9	-24.3	-43.9	50.3	241	0.0	0.483	1.0	0.0	1.0	0.764	1.0	52.2	-20.2	-44.1	48.6	245	0.0	0.483	1.0	0.0	1.0	0.745	1.0
264	242	246	0.0	0.466	1.0	41.4	-4.0	-45.1	45.4	264	0.0	1.0	0.838	1.0	54.2	-23.3	-44.0	49.9	242	0.0	0.467	1.0	0.0	1.0	0.745	1.0	51.6	-19.4	-44.1	48.3	246	0.0	0.467	1.0	0.0	1.0	0.727	1.0
266	243	247	0.0	0.45	1.0	40.8	-3.0	-45.3	45.4	266	0.0	1.0	0.815	1.0	53.6	-22.4	-44.0	49.5	243	0.0	0.45	1.0	0.0	1.0	0.727	1.0	51.1	-18.6	-44.2	48.1	247	0.0	0.45	1.0	0.0	1.0	0.71	1.0
267	244	248	0.0	0.433	1.0	40.2	-2.1	-45.3	45.4	267	0.0	1.0	0.793	1.0	53.0	-21.4	-44.1	49.1	244	0.0	0.433	1.0	0.0	1.0	0.71	1.0	50.5	-17.8	-44.2	47.8	248	0.0	0.433	1.0	0.0	1.0	0.693	1.0
268	245	248	0.0	0.416	1.0	39.5	-1.1	-45.4	45.4	268	0.0	1.0	0.777	1.0																								

Data of Maximum color M in colorimetric system Offset standard print; separation cmykn6*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCM; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
 Six hue angles of the device colours RYGBCM_d; $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; Six hue angles of the elementary colours RYGBCM_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^*_d	dd361M	LAB*	ddx361Mi (x=LabCh)	rgb^*_s	ds361Mi	LAB*	dsx361Mi (x=LabCh)	rgb^*_e	dd361Mi	LAB*	dex361Mi (x=LabCh)	rgb^*_e	dd361Mi									
333	300	300	0.5	0.0	1.0	37.8 53.8 -26.3 59.9	333	0.043	0.0	1.0	26.7 26.5 -45.8 53.0	300	0.5	0.0	1.0	0.046	0.0	1.0	26.8	26.6	-45.7 53.0	300	0.5	0.0	1.0
334	301	301	0.516	0.0	1.0	38.3 54.5 -25.7 60.3	334	0.056	0.0	1.0	27.1 27.3 -45.3 53.0	301	0.517	0.0	1.0	0.057	0.0	1.0	27.2	27.4	-45.3 53.0	301	0.517	0.0	1.0
335	302	302	0.533	0.0	1.0	38.7 55.2 -25.2 60.6	335	0.068	0.0	1.0	27.5 28.1 -44.9 53.0	302	0.533	0.0	1.0	0.068	0.0	1.0	27.5	28.2	-44.8 53.0	302	0.533	0.0	1.0
336	303	303	0.55	0.0	1.0	39.1 55.8 -24.6 61.0	336	0.08	0.0	1.0	27.9 28.9 -44.4 53.1	303	0.55	0.0	1.0	0.08	0.0	1.0	27.9	28.9	-44.4 53.1	303	0.55	0.0	1.0
336	304	303	0.566	0.0	1.0	39.5 56.5 -24.0 61.4	336	0.092	0.0	1.0	28.3 29.7 -43.9 53.1	304	0.567	0.0	1.0	0.091	0.0	1.0	28.3	29.7	-43.9 53.1	303	0.567	0.0	1.0
337	305	304	0.583	0.0	1.0	39.9 57.2 -23.4 61.8	337	0.104	0.0	1.0	28.7 30.5 -43.4 53.1	305	0.583	0.0	1.0	0.103	0.0	1.0	28.6	30.4	-43.5 53.1	304	0.583	0.0	1.0
338	306	305	0.6	0.0	1.0	40.3 57.8 -22.8 62.2	338	0.116	0.0	1.0	29.0 31.2 -42.9 53.1	306	0.6	0.0	1.0	0.114	0.0	1.0	29.0	31.1	-43.0 53.1	305	0.6	0.0	1.0
339	307	306	0.616	0.0	1.0	40.7 58.5 -22.1 62.5	339	0.13	0.0	1.0	29.4 32.0 -42.4 53.2	307	0.617	0.0	1.0	0.126	0.0	1.0	29.4	31.9	-42.5 53.2	306	0.617	0.0	1.0
340	308	307	0.633	0.0	1.0	41.1 59.3 -21.4 63.0	340	0.151	0.0	1.0	29.8 32.8 -41.8 53.2	308	0.633	0.0	1.0	0.146	0.0	1.0	29.7	32.6	-42.0 53.2	307	0.633	0.0	1.0
341	309	308	0.65	0.0	1.0	41.4 60.3 -20.5 63.7	341	0.172	0.0	1.0	30.2 33.5 -41.3 53.3	309	0.65	0.0	1.0	0.166	0.0	1.0	30.1	33.3	-41.5 53.2	308	0.65	0.0	1.0
342	310	309	0.666	0.0	1.0	41.7 61.3 -19.7 64.3	342	0.193	0.0	1.0	30.6 34.3 -40.7 53.3	310	0.667	0.0	1.0	0.186	0.0	1.0	30.4	34.0	-40.9 53.3	309	0.667	0.0	1.0
343	311	310	0.683	0.0	1.0	41.9 62.2 -18.8 65.0	343	0.214	0.0	1.0	30.9 35.0 -40.2 53.3	311	0.683	0.0	1.0	0.205	0.0	1.0	30.8	34.7	-40.4 53.3	310	0.683	0.0	1.0
344	312	311	0.7	0.0	1.0	42.2 63.2 -17.8 65.6	344	0.234	0.0	1.0	31.3 35.7 -39.6 53.4	312	0.7	0.0	1.0	0.225	0.0	1.0	31.1	35.4	-39.8 53.4	311	0.7	0.0	1.0
345	313	312	0.716	0.0	1.0	42.5 64.1 -16.9 66.3	345	0.252	0.0	1.0	31.6 36.5 -39.0 53.5	313	0.717	0.0	1.0	0.245	0.0	1.0	31.5	36.1	-39.3 53.4	312	0.717	0.0	1.0
346	314	313	0.733	0.0	1.0	42.8 65.0 -15.9 66.9	346	0.261	0.0	1.0	31.8 37.3 -38.5 53.7	314	0.733	0.0	1.0	0.256	0.0	1.0	31.7	36.8	-38.8 53.6	313	0.733	0.0	1.0
347	315	314	0.75	0.0	1.0	43.1 65.9 -14.9 67.6	347	0.27	0.0	1.0	31.9 38.2 -38.1 54.0	315	0.75	0.0	1.0	0.265	0.0	1.0	31.8	37.7	-38.4 53.8	314	0.75	0.0	1.0
347	316	315	0.766	0.0	1.0	43.5 66.4 -14.5 68.0	347	0.279	0.0	1.0	32.1 39.0 -37.6 54.2	316	0.767	0.0	1.0	0.273	0.0	1.0	32.0	38.5	-37.9 54.1	315	0.767	0.0	1.0
348	317	316	0.783	0.0	1.0	43.8 66.9 -14.1 68.4	348	0.288	0.0	1.0	32.3 39.8 -37.1 54.5	317	0.783	0.0	1.0	0.282	0.0	1.0	32.1	39.3	-37.4 54.3	316	0.783	0.0	1.0
348	318	317	0.8	0.0	1.0	44.2 67.3 -13.7 68.7	348	0.297	0.0	1.0	32.4 40.7 -36.5 54.7	318	0.8	0.0	1.0	0.29	0.0	1.0	32.3	40.0	-36.9 54.5	317	0.8	0.0	1.0
348	319	318	0.816	0.0	1.0	44.6 67.8 -13.3 69.1	348	0.306	0.0	1.0	32.6 41.5 -36.0 55.0	319	0.817	0.0	1.0	0.299	0.0	1.0	32.4	40.8	-36.4 54.8	318	0.817	0.0	1.0
349	320	319	0.833	0.0	1.0	45.0 68.3 -12.9 69.5	349	0.315	0.0	1.0	32.7 42.3 -35.4 55.2	320	0.833	0.0	1.0	0.307	0.0	1.0	32.6	41.6	-35.9 55.0	319	0.833	0.0	1.0
349	321	320	0.85	0.0	1.0	45.3 68.8 -12.5 69.9	349	0.324	0.0	1.0	32.9 43.1 -34.8 55.5	321	0.85	0.0	1.0	0.315	0.0	1.0	32.7	42.4	-35.4 55.3	320	0.85	0.0	1.0
350	322	321	0.866	0.0	1.0	45.7 69.2 -12.1 70.3	350	0.333	0.0	1.0	33.1 43.9 -34.2 55.8	322	0.867	0.0	1.0	0.324	0.0	1.0	32.9	43.2	-34.8 55.5	321	0.867	0.0	1.0
350	323	321	0.883	0.0	1.0	46.1 69.7 -11.7 70.7	350	0.342	0.0	1.0	33.2 44.7 -33.6 56.0	323	0.883	0.0	1.0	0.332	0.0	1.0	33.0	43.9	-34.2 55.7	321	0.883	0.0	1.0
350	324	322	0.9	0.0	1.0	46.4 70.1 -11.2 71.0	350	0.351	0.0	1.0	33.4 45.5 -33.0 56.3	324	0.9	0.0	1.0	0.341	0.0	1.0	33.2	44.7	-33.7 56.0	322	0.9	0.0	1.0
351	325	323	0.916	0.0	1.0	46.7 70.6 -10.8 71.4	351	0.359	0.0	1.0	33.5 46.3 -32.3 56.5	325	0.917	0.0	1.0	0.349	0.0	1.0	33.4	45.4	-33.1 56.2	323	0.917	0.0	1.0
351	326	324	0.933	0.0	1.0	47.0 71.0 -10.3 71.8	351	0.368	0.0	1.0	33.7 47.1 -31.6 56.8	326	0.933	0.0	1.0	0.358	0.0	1.0	33.5	46.2	-32.4 56.5	324	0.933	0.0	1.0
352	327	325	0.95	0.0	1.0	47.3 71.5 -9.9 72.2	352	0.379	0.0	1.0	34.0 47.9 -31.0 57.1	327	0.95	0.0	1.0	0.366	0.0	1.0	33.7	46.9	-31.8 56.7	325	0.95	0.0	1.0
352	328	326	0.966	0.0	1.0	47.6 71.9 -9.4 72.5	352	0.397	0.0	1.0	34.5 48.7 -30.4 57.5	328	0.967	0.0	1.0	0.375	0.0	1.0	33.8	47.6	-31.2 57.0	326	0.967	0.0	1.0
352	329	327	0.983	0.0	1.0	47.9 72.4 -9.0 72.9	352	0.414	0.0	1.0	35.1 49.6 -29.7 57.9	329	0.983	0.0	1.0	0.391	0.0	1.0	34.3	48.4	-30.6 57.3	327	0.983	0.0	1.0
353	330	328	1.0	0.0	1.0	48.2 72.8 -8.5 73.3	353	0.432	0.0	1.0	35.7 50.5 -29.1 58.3	330	1.0	0.0	1.0	0.407	0.0	1.0	34.9	49.3	-30.0 57.7	328	1.0	0.0	1.0
353	331	329	1.0	0.0	0.983	48.2 72.7 -7.9 73.1	353	0.449	0.0	1.0	36.2 51.4 -28.4 58.7	331	1.0	0.0	0.983	0.424	0.0	1.0	35.4	50.1	-29.4 58.1	329	1.0	0.0	0.983
354	332	330	1.0	0.0	0.966	48.2 72.5 -7.4 72.9	354	0.467	0.0	1.0	36.8 52.2 -27.7 59.1	332	1.0	0.0	0.967	0.441	0.0	1.0	35.9	50.9	-28.7 58.5	330	1.0	0.0	0.967
354	333	331	1.0	0.0	0.95	48.2 72.4 -6.8 72.7	354	0.484	0.0	1.0	37.4 53.1 -26.9 59.6	333	1.0	0.0	0.95	0.457	0.0	1.0	36.5	51.8	-28.1 58.9	331	1.0	0.0	0.95
355	334	332	1.0	0.0	0.933	48.2 72.2 -6.2 72.5	355	0.502	0.0	1.0	37.9 53.9 -26.2 60.0	334	1.0	0.0	0.933	0.474	0.0	1.0	37.0	52.6	-27.4 59.3	332	1.0	0.0	0.933
355	335	333	1.0	0.0	0.916	48.2 72.0 -5.7 72.3	355	0.524	0.0	1.0	38.5 54.8 -25.5 60.5	335	1.0	0.0	0.917	0.49	0.0	1.0	37.6	53.4	-26.7 59.7	333	1.0	0.0	0.917
355	336	334	1.0	0.0	0.9	48.2 71.9 -5.1 72.1	355	0.546	0.0	1.0	39.0 55.7 -24.7 61.0	336	1.0	0.0	0.9	0.508	0.0	1.0	38.1	54.2	-26.0 60.1	334	1.0	0.0	0.9
356	337	335	1.0	0.0	0.883	48.2 71.7 -4.6 71.8	356	0.567	0.0	1.0	39.6 56.6 -23.9 61.5	337	1.0	0.0	0.883	0.529	0.0	1.0	38.6	55.0	-25.3 60.6	335	1.0	0.0	0.883
356	338	336	1.0	0.0	0.866	48.2 71.5 -4.0 71.7	356	0.589	0.0	1.0	40.1 57.5 -23.1 62.0	338	1.0	0.0	0.867	0.55	0.0	1.0	39.1	55.9	-24.6 61.1	336	1.0	0.0	0.867
357	339	337	1.0	0.0	0.85	48.2 71.4 -3.3 71.5	357	0.611	0.0	1.0	40.7 58.3 -22.3 62.5	339	1.0	0.0	0.85	0.57	0.0	1.0	39.6	56.7	-23.8 61.5	337	1.0	0.0	0.85
357	340	338	1.0	0.0	0.833	48.2 71.3 -2.7 71.3	357	0.631	0.0	1.0	41.1 59.2 -21.5 63.0	340	1.0	0.0	0.833	0.591	0.0	1.0	40.2	57.5	-23.0 62.0	338	1.0	0.0	0.833
358	341	339	1.0	0.0	0.816	48.2 71.1 -2.1 71.1	358	0.648	0.0	1.0	41.4 60.2 -20.6 63.7	341	1.0	0.0	0.817	0.612	0.0	1.0	40.7	58.3	-22.3 62.5	339	1.0	0.0	0.817
358	342	339	1.0	0.0	0.8	48.2 70.9 -1.4 71.0	358	0.664	0.0	1.0	41.7 61.1 -19.8 64.3	342	1.0	0.0	0.8	0.631	0.0	1.0	41.1	59.2	-21.5 63.0	339	1.0	0.0	0.8
359	343	340	1.0	0.0	0.783	48.1 70.8 -0.8 70.8	359	0.68	0.0	1.0	41.9 62.1 -18.9 64.9	343	1.0	0.0	0.783	0.646	0.0	1.0	41.4	60.1	-20.7 63.6	340	1.0	0.0	0.783
359	344	341	1.0	0.0	0.766	48.1 70.6 -0.2 70.6	359	0.697	0.0	1.0	42.2 63.0 -18.0 65.6	344	1.0	0.0	0.767	0.662	0.0	1.0	41.6	61.0	-19.				

Data of Maximum color M in colorimetric system Offset standard print; separation cmy⁶*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCM_s: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours RYGBCM_d: h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBCM_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}	LAB [*] _{de361Mi}	dex361Mi (x=LabCh)	rgb [*] _{dd361Mi}	rgb [*] _{dd}	rgb [*] _{ds}	rgb [*] _{de}																							
360	345	342	1.0	0.0	0.75	48.1	70.4	0.3	70.4	360	0.713	0.0	1.0	42.5	64.0	-17.0	66.2	345	1.0	0.0	0.75	0.678	0.0	1.0	41.9	61.9	-19.0	64.8	342	1.0	0.0	0.75				
361	346	343	1.0	0.0	0.733	48.1	70.3	1.3	70.3	361	0.73	0.0	1.0	42.8	64.9	-16.1	66.9	346	1.0	0.0	0.733	0.693	0.0	1.0	42.2	62.8	-18.2	65.4	343	1.0	0.0	0.733				
361	347	344	1.0	0.0	0.716	48.1	70.1	2.2	70.1	361	0.746	0.0	1.0	43.1	65.8	-15.1	67.5	347	1.0	0.0	0.717	0.709	0.0	1.0	42.4	63.7	-17.3	66.0	344	1.0	0.0	0.717				
362	348	345	1.0	0.0	0.7	48.1	69.9	3.1	70.0	362	0.782	0.0	1.0	43.9	66.9	-14.1	68.4	348	1.0	0.0	0.7	0.724	0.0	1.0	42.7	64.6	-16.4	66.6	345	1.0	0.0	0.7				
363	349	346	1.0	0.0	0.683	48.1	69.7	4.0	69.8	363	0.823	0.0	1.0	44.8	68.0	-13.1	69.3	349	1.0	0.0	0.683	0.74	0.0	1.0	43.0	65.4	-15.5	67.3	346	1.0	0.0	0.683				
364	350	347	1.0	0.0	0.666	48.0	69.5	4.9	69.7	364	0.864	0.0	1.0	45.7	69.2	-12.1	70.3	350	1.0	0.0	0.667	0.764	0.0	1.0	43.4	66.4	-14.5	68.0	347	1.0	0.0	0.667				
364	351	348	1.0	0.0	0.65	48.0	69.3	5.7	69.5	364	0.905	0.0	1.0	46.5	70.3	-11.0	71.2	351	1.0	0.0	0.65	0.803	0.0	1.0	44.3	67.5	-13.6	68.9	348	1.0	0.0	0.65				
365	352	349	1.0	0.0	0.633	48.0	69.0	6.6	69.3	365	0.946	0.0	1.0	47.3	71.4	-9.9	72.1	352	1.0	0.0	0.633	0.842	0.0	1.0	45.2	68.6	-12.7	69.8	349	1.0	0.0	0.633				
366	353	350	1.0	0.0	0.616	48.0	68.8	7.5	69.2	366	0.988	0.0	1.0	48.0	72.5	-8.8	73.1	353	1.0	0.0	0.617	0.881	0.0	1.0	46.1	69.7	-11.7	70.6	350	1.0	0.0	0.617				
367	354	351	1.0	0.0	0.6	47.9	68.7	8.5	69.2	367	1.0	0.0	0.973	48.3	72.6	-7.5	73.0	354	1.0	0.0	0.6	0.92	0.0	1.0	46.8	70.7	-10.7	71.5	351	1.0	0.0	0.6				
367	355	352	1.0	0.0	0.583	47.9	68.6	9.4	69.2	367	1.0	0.0	0.935	48.3	72.3	-6.2	72.5	355	1.0	0.0	0.583	0.959	0.0	1.0	47.5	71.8	-9.6	72.4	352	1.0	0.0	0.583				
368	356	353	1.0	0.0	0.566	47.9	68.4	10.3	69.2	368	1.0	0.0	0.896	48.3	71.9	-4.9	72.1	356	1.0	0.0	0.567	0.998	0.0	1.0	48.2	72.8	-8.5	73.3	353	1.0	0.0	0.567				
369	357	354	1.0	0.0	0.55	47.8	68.2	11.2	69.2	369	1.0	0.0	0.86	48.3	71.5	-3.6	71.6	357	1.0	0.0	0.55	1.0	0.0	0.965	48.3	72.6	-7.3	72.9	354	1.0	0.0	0.55				
370	358	355	1.0	0.0	0.533	47.8	68.1	12.1	69.1	370	1.0	0.0	0.827	48.2	71.2	-2.4	71.3	358	1.0	0.0	0.533	1.0	0.0	0.929	48.3	72.2	-6.0	72.5	355	1.0	0.0	0.533				
370	359	356	1.0	0.0	0.516	47.7	67.9	13.1	69.1	370	1.0	0.0	0.794	48.2	70.9	-1.1	70.9	359	1.0	0.0	0.517	1.0	0.0	0.892	48.3	71.8	-4.8	72.0	356	1.0	0.0	0.517				
371	360	352	1.0	0.0	0.5	47.7	67.7	14.0	69.1	371	1.0	0.0	0.761	48.2	70.6	0.0	70.6	360	1.0	0.0	0.5	0.949	0.0	1.0	47.3	71.5	-9.9	72.2	352	1.0	0.0	0.5				
372	361	353	1.0	0.0	0.483	47.7	67.5	15.0	69.2	372	1.0	0.0	0.735	48.1	70.3	1.2	70.3	361	1.0	0.0	0.483	0.995	0.0	1.0	48.2	72.7	-8.6	73.2	353	1.0	0.0	0.483				
373	362	354	1.0	0.0	0.466	47.7	67.3	16.1	69.2	373	1.0	0.0	0.712	48.1	70.1	2.4	70.1	362	1.0	0.0	0.467	1.0	0.0	0.962	48.3	72.5	-7.2	72.9	354	1.0	0.0	0.467				
374	363	355	1.0	0.0	0.45	47.7	67.2	17.1	69.3	374	1.0	0.0	0.69	48.1	69.8	3.7	69.9	363	1.0	0.0	0.45	1.0	0.0	0.919	48.3	72.1	-5.7	72.3	355	1.0	0.0	0.45				
375	364	356	1.0	0.0	0.433	47.7	67.0	18.2	69.4	375	1.0	0.0	0.667	48.1	69.5	4.9	69.7	364	1.0	0.0	0.433	1.0	0.0	0.876	48.3	71.7	-4.3	71.8	356	1.0	0.0	0.433				
376	365	357	1.0	0.0	0.416	47.7	66.7	19.2	69.5	376	1.0	0.0	0.645	48.1	69.2	6.1	69.5	365	1.0	0.0	0.417	1.0	0.0	0.839	48.3	71.4	-2.9	71.4	357	1.0	0.0	0.417				
376	366	358	1.0	0.0	0.4	47.7	66.5	20.3	69.5	376	1.0	0.0	0.623	48.0	68.9	7.2	69.3	366	1.0	0.0	0.4	1.0	0.0	0.802	48.2	71.0	-1.5	71.0	358	1.0	0.0	0.4				
377	367	359	1.0	0.0	0.383	47.7	66.3	21.3	69.6	377	1.0	0.0	0.601	48.0	68.8	8.4	69.3	367	1.0	0.0	0.383	1.0	0.0	0.765	48.2	70.6	-0.1	70.6	359	1.0	0.0	0.383				
378	368	360	1.0	0.0	0.366	47.7	66.1	22.3	69.7	378	1.0	0.0	0.58	47.9	68.6	9.6	69.3	368	1.0	0.0	0.367	1.0	0.0	0.735	48.1	70.3	1.2	70.3	360	1.0	0.0	0.367				
379	369	362	1.0	0.0	0.35	47.7	66.0	23.2	69.9	379	1.0	0.0	0.558	47.9	68.4	10.8	69.2	369	1.0	0.0	0.35	1.0	0.0	0.71	48.1	70.1	2.6	70.1	362	1.0	0.0	0.35				
380	370	363	1.0	0.0	0.333	47.7	65.8	24.2	70.2	380	1.0	0.0	0.536	47.8	68.1	12.0	69.2	370	1.0	0.0	0.333	1.0	0.0	0.685	48.1	69.8	3.9	69.9	363	1.0	0.0	0.333				
380	371	364	1.0	0.0	0.316	47.7	65.7	25.1	70.4	380	1.0	0.0	0.515	47.8	67.9	13.2	69.2	371	1.0	0.0	0.317	1.0	0.0	0.66	48.1	69.4	5.2	69.6	364	1.0	0.0	0.317				
381	372	365	1.0	0.0	0.3	47.7	65.6	26.0	70.6	381	1.0	0.0	0.494	47.8	67.7	14.4	69.2	372	1.0	0.0	0.3	1.0	0.0	0.635	48.1	69.1	6.6	69.4	365	1.0	0.0	0.3				
382	373	366	1.0	0.0	0.283	47.7	65.4	27.0	70.8	382	1.0	0.0	0.475	47.8	67.5	15.6	69.3	373	1.0	0.0	0.283	1.0	0.0	0.611	48.0	68.8	7.9	69.3	366	1.0	0.0	0.283				
383	374	367	1.0	0.0	0.266	47.7	65.2	27.9	71.0	383	1.0	0.0	0.456	47.8	67.3	16.8	69.3	374	1.0	0.0	0.267	1.0	0.0	0.587	48.0	68.6	9.2	69.3	367	1.0	0.0	0.267				
383	375	368	1.0	0.0	0.25	47.7	65.0	28.9	71.2	383	1.0	0.0	0.437	47.8	67.1	18.0	69.4	375	1.0	0.0	0.25	1.0	0.0	0.563	47.9	68.4	10.6	69.2	368	1.0	0.0	0.25				
384	376	369	1.0	0.0	0.233	47.6	65.0	29.7	71.5	384	1.0	0.0	0.418	47.8	66.8	19.2	69.5	376	1.0	0.0	0.233	1.0	0.0	0.539	47.8	68.2	11.9	69.2	369	1.0	0.0	0.233				
385	377	370	1.0	0.0	0.216	47.6	64.9	30.5	71.8	385	1.0	0.0	0.399	47.8	66.5	20.3	69.6	377	1.0	0.0	0.217	1.0	0.0	0.515	47.8	67.9	13.2	69.2	370	1.0	0.0	0.217				
385	378	372	1.0	0.0	0.2	47.6	64.9	31.4	72.1	385	1.0	0.0	0.38	47.8	66.3	21.5	69.7	378	1.0	0.0	0.2	1.0	0.0	0.492	47.8	67.6	14.5	69.2	372	1.0	0.0	0.2				
386	379	373	1.0	0.0	0.183	47.5	64.8	32.2	72.4	386	1.0	0.0	0.359	47.8	66.1	22.8	69.9	379	1.0	0.0	0.183	1.0	0.0	0.471	47.8	67.4	15.8	69.3	373	1.0	0.0	0.183				
387	380	374	1.0	0.0	0.166	47.5	64.7	33.0	72.7	387	1.0	0.0	0.337	47.8	65.9	24.0	70.2	380	1.0	0.0	0.167	1.0	0.0	0.45	47.8	67.2	17.2	69.4	374	1.0	0.0	0.167				
387	381	375	1.0	0.0	0.15	47.5	64.6	33.9	72.9	387	1.0	0.0	0.315	47.8	65.7	25.2	70.4	381	1.0	0.0	0.15	1.0	0.0	0.429	47.8	67.0	18.5	69.5	375	1.0	0.0	0.15				
388	382	376	1.0	0.0	0.133	47.4	64.5	34.7	73.2	388	1.0	0.0	0.293	47.7	65.5	26.5	70.7	382	1.0	0.0	0.133	1.0	0.0	0.408	47.8	66.7	19.8	69.6	376	1.0	0.0	0.133				
388	383	377	1.0	0.0	0.116	47.4	64.4	35.5	73.6	388</																										



http://130.149.60.45/~farbmetrik/QE15/QE15L0FA.TXT /.PS; 3D-linearization
 F: 3D-linearization QE15/QE15L30FA.DAT in file (F), page 24/33

n	HC*File	rgb*File	icc*File	hsa*File	rgb*File	LabC*File	cmyn*sep*File	hsa*File	rgb*File	LabC*File	LabC*File	LabC*File
324	R00Y_050_050	0.5	0.5	0.25	0.5	0.0	0.843	0.663	0.548	0.843	0.663	0.548
325	R00Y_050_050	0.5	0.125	0.5	0.5	0.0	0.84	0.426	0.554	0.84	0.426	0.554
326	R00Y_050_050	0.5	0.25	0.5	0.5	0.0	0.829	0.08	0.574	0.829	0.08	0.574
327	B61R_050_050	0.5	0.375	0.5	0.5	0.0	0.829	0.08	0.574	0.829	0.08	0.574
328	B61R_050_050	0.5	0.5	0.5	0.5	0.0	0.815	0.209	0.617	0.815	0.209	0.617
329	B40R_062_062	0.5	0.0	0.25	0.312	0.0	0.802	0.0	0.478	0.802	0.0	0.478
330	B40R_062_062	0.5	0.0	0.5	0.625	0.0	0.787	0.0	0.478	0.787	0.0	0.478
331	B34R_075_075	0.5	0.0	0.75	0.375	0.0	0.762	0.0	0.478	0.762	0.0	0.478
332	B34R_075_075	0.5	0.0	1.0	0.75	0.0	0.762	0.0	0.478	0.762	0.0	0.478
333	B23R_100_100	0.5	0.0	1.0	1.0	0.0	0.954	0.0	0.187	0.954	0.0	0.187
334	B23R_100_100	0.5	0.125	1.0	1.0	0.0	0.777	0.831	0.548	0.777	0.831	0.548
335	R18Y_080_037	0.5	0.125	0.25	0.375	0.312	0.691	0.263	0.548	0.691	0.263	0.548
336	R18Y_080_037	0.5	0.125	0.5	0.375	0.312	0.663	0.0	0.603	0.663	0.0	0.603
337	B63R_080_037	0.5	0.125	0.5	0.375	0.312	0.691	0.0	0.603	0.691	0.0	0.603
338	B63R_080_037	0.5	0.125	0.5	0.375	0.312	0.691	0.0	0.603	0.691	0.0	0.603
339	B38R_062_062	0.5	0.125	0.625	0.375	0.0	0.736	0.0	0.453	0.736	0.0	0.453
340	B38R_062_062	0.5	0.125	0.75	0.625	0.437	0.78	0.0	0.317	0.78	0.0	0.317
341	B20R_100_087	0.5	0.125	1.0	0.875	0.562	0.808	0.0	0.189	0.808	0.0	0.189
342	R50Y_050_050	0.5	0.25	0.5	0.5	0.0	0.888	0.824	0.016	0.888	0.824	0.016
343	R50Y_050_050	0.5	0.25	0.5	0.5	0.0	0.601	0.628	0.549	0.601	0.628	0.549
344	R00Y_050_025	0.5	0.25	0.5	0.375	0.312	0.49	0.0	0.601	0.49	0.0	0.601
345	R00Y_050_025	0.5	0.25	0.5	0.375	0.312	0.49	0.0	0.601	0.49	0.0	0.601
346	B50R_062_025	0.5	0.25	0.5	0.375	0.312	0.49	0.0	0.601	0.49	0.0	0.601
347	B50R_062_025	0.5	0.25	0.5	0.375	0.312	0.49	0.0	0.601	0.49	0.0	0.601
348	B34R_075_025	0.5	0.25	0.625	0.375	0.437	0.31	0.0	0.45	0.31	0.0	0.45
349	B34R_075_025	0.5	0.25	0.75	0.625	0.437	0.31	0.0	0.45	0.31	0.0	0.45
350	B18R_100_075	0.5	0.25	1.0	0.75	0.625	0.289	0.0	0.085	0.289	0.0	0.085
351	B18R_100_075	0.5	0.25	1.0	0.75	0.625	0.289	0.0	0.085	0.289	0.0	0.085
352	R68Y_080_037	0.5	0.375	0.125	0.5	0.375	0.312	0.71	0.0	0.428	0.71	0.0
353	R68Y_080_037	0.5	0.375	0.125	0.5	0.375	0.312	0.71	0.0	0.428	0.71	0.0
354	R00Y_050_012	0.5	0.375	0.375	0.5	0.125	0.437	0.30	0.0	0.318	0.30	0.0
355	R00Y_050_012	0.5	0.375	0.375	0.5	0.125	0.437	0.30	0.0	0.318	0.30	0.0
356	B25R_062_025	0.5	0.375	0.625	0.375	0.0	0.386	0.375	0.625	0.386	0.375	0.625
357	B18R_075_037	0.5	0.375	0.75	0.375	0.562	0.289	0.0	0.426	0.289	0.0	0.426
358	B18R_075_037	0.5	0.375	0.75	0.375	0.562	0.289	0.0	0.426	0.289	0.0	0.426
359	B09R_100_062	0.5	0.375	1.0	0.625	0.687	0.281	0.0	0.012	0.687	0.0	0.012
360	Y00G_050_050	0.5	0.5	0.5	0.5	0.0	0.026	0.5	0.0	0.026	0.5	0.0
361	Y00G_050_050	0.5	0.125	0.5	0.375	0.312	0.90	0.0	0.199	0.90	0.0	0.199
362	Y00G_050_050	0.5	0.25	0.5	0.375	0.312	0.90	0.0	0.199	0.90	0.0	0.199
363	Y00G_050_012	0.5	0.375	0.5	0.125	0.437	0.30	0.0	0.104	0.30	0.0	0.104
364	NW_050	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
365	B00R_062_012	0.5	0.5	0.625	0.125	0.562	0.270	0.0	0.026	0.562	0.270	0.0
366	B00R_062_012	0.5	0.5	0.625	0.125	0.562	0.270	0.0	0.026	0.562	0.270	0.0
367	B00R_087_037	0.5	0.5	0.75	0.25	0.625	0.270	0.0	0.026	0.625	0.270	0.0
368	B00R_100_050	0.5	0.5	1.0	0.5	0.75	0.270	0.0	0.026	0.75	0.270	0.0
369	Y18G_062_062	0.5	0.625	0.625	0.312	0.0	0.44	0.625	0.50	0.44	0.625	0.50
370	Y18G_062_062	0.5	0.625	0.625	0.312	0.0	0.44	0.625	0.50	0.44	0.625	0.50
371	Y31G_062_037	0.5	0.625	0.375	0.437	0.0	0.44	0.625	0.50	0.44	0.625	0.50
372	Y31G_062_037	0.5	0.625	0.375	0.437	0.0	0.44	0.625	0.50	0.44	0.625	0.50
373	G00B_062_012	0.5	0.625	0.625	0.125	0.562	0.270	0.0	0.026	0.562	0.270	0.0
374	G00B_062_012	0.5	0.625	0.625	0.125	0.562	0.270	0.0	0.026	0.562	0.270	0.0
375	G50B_075_025	0.5	0.625	0.75	0.25	0.625	0.240	0.0	0.026	0.75	0.25	0.625
376	G50B_075_025	0.5	0.625	0.75	0.25	0.625	0.240	0.0	0.026	0.75	0.25	0.625
377	G88B_100_050	0.5	0.625	1.0	0.5	0.75	0.256	0.0	0.026	0.75	0.256	0.0
378	Y31G_075_025	0.5	0.75	0.5	0.375	0.312	0.90	0.0	0.026	0.375	0.312	0.90
379	Y31G_075_025	0.5	0.75	0.5	0.375	0.312	0.90	0.0	0.026	0.375	0.312	0.90
380	Y68G_075_025	0.5	0.75	0.625	0.375	0.437	0.30	0.0	0.026	0.625	0.437	0.30
381	Y68G_075_025	0.5	0.75	0.625	0.375	0.437	0.30	0.0	0.026	0.625	0.437	0.30
382	G00B_075_025	0.5	0.75	0.375	0.375	0.625	0.180	0.0	0.026	0.375	0.375	0.625
383	G25B_075_025	0.5	0.75	0.625	0.375	0.437	0.30	0.0	0.026	0.625	0.437	0.30
384	G50B_075_025	0.5	0.75	0.75	0.25	0.625	0.240	0.0	0.026	0.75	0.25	0.625
385	G50B_075_025	0.5	0.75	0.75	0.25	0.625	0.240	0.0	0.026	0.75	0.25	0.625
386	G75B_100_087	0.5	0.75	1.0	0.5	0.75	0.240	0.0	0.026	0.75	0.240	0.0
387	Y41G_087_050	0.5	0.875	0.875	0.437	0.15	0.343	0.875	0.437	0.343	0.875	0.437
388	Y41G_087_050	0.5	0.875	0.875	0.437	0.15	0.343	0.875	0.437	0.343	0.875	0.437
389	Y16G_087_062	0.5	0.875	0.625	0.562	0.27	0.402	0.875	0.625	0.402	0.875	0.625
390	Y16G_087_062	0.5	0.875	0.625	0.562	0.27	0.402	0.875	0.625	0.402	0.875	0.625
391	G00B_087_057	0.5	0.875	0.375	0.687	0.19	0.5	0.875	0.375	0.687	0.19	0.5
392	G15B_087_057	0.5	0.875	0.375	0.687	0.19	0.5	0.875	0.375	0.687	0.19	0.5
393	G54B_087_057	0.5	0.875	0.75	0.375	0.687	0.19	0.5	0.875	0.75	0.375	0.687
394	G50B_087_057	0.5	0.875	0.75	0.375	0.687	0.19	0.5	0.875	0.75	0.375	0.687
395	G61B_100_050	0.5	0.875	1.0	0.5	0.75	0.224	0.0	0.026	0.75	0.224	0.0
396	Y50G_100_087	0.5	1.0	1.0	0.5	0.75	0.224	0.0	0.026	1.0	0.5	0.75
397	Y50G_100_087	0.5	1.0	1.0	0.5	0.75	0.224	0.0	0.026	1.0	0.5	0.75
398	Y68G_100_075	0.5	1.0	1.0	0.875	0.562	0.25	0.0	0.026	0.875	0.562	0.25
399	Y81G_100_062	0.5	1.0	1.0	0.625	0.687	0.139	0.0	0.026	0.625	0.687	0.139
400	G00B_100_050	0.5	1.0	0.375	1.0	0.625	0.687	0.139	0.0	0.375	1.0	0.625
401	G11B_100_050	0.5	1.0	0.5	0.75	0.164	0.5	1.0	0.5	0.75	0.164	0.5
402	G58B_100_050	0.5	1.0	0.5	0.75	0.164	0.5	1.0	0.5	0.75	0.164	0.5
403	G58B_100_050	0.5	1.0	0.5	0.75	0.164	0.5	1.0	0.5	0.75	0.164	0.5
404	G50B_100_050	0.5	1.0	0.5	0.75	0.164	0.5	1.0	0.5	0.75	0.164	0.5

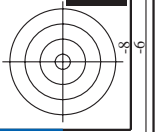
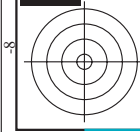
delta

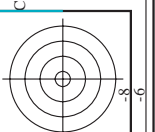
Mean color difference of this page:

input: rgb/cmyk -> rgbde
 output: 3D-linearization to cmyk*de

QE150-TN; Page 24/33-F

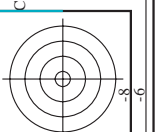
TUB-test chart QE15; hue code: H*e=R50Ye
 colors and differences, ΔE*





http://130.149.60.45/~farbmetrik/QE15/QE15L0FA.TXT /.PS; 3D-linearization
 F: 3D-linearization QE15/QE15L30FA.DAT in file (F), page 25/33

n	HC*File	rgb*File	icr*File	hsa*File	rgb*File	LabCM*File	cmyk*sep*File	hsa*File	rgb*File	LabCM*File	mean color difference of this page:	delta
405	R00Y_062_062a	0.625 0.0	0.625 0.312	370	0.625 0.0	36.4	0.0	0.9	0.704	0.419	0.0	25.4
406	R00Y_062_062a	0.625 0.0	0.625 0.312	390	0.625 0.0	36.4	0.0	0.898	0.502	0.425	0.0	71.9
407	R10Y_062_062a	0.625 0.0	0.625 0.312	367	0.625 0.0	36.4	0.0	0.894	0.265	0.429	0.0	15.8
408	R10Y_062_062a	0.625 0.0	0.625 0.312	353	0.625 0.0	36.4	0.0	0.876	0.265	0.479	0.0	69.2
409	B50K_062_062a	0.625 0.0	0.625 0.312	341	0.382 0.0	36.4	0.0	0.879	0.0	0.457	0.0	70.6
410	B50K_062_062a	0.625 0.0	0.625 0.312	330	0.254 0.0	36.4	0.0	0.876	0.0	0.479	0.0	359.8
411	B42K_075_075a	0.625 0.0	0.625 0.312	341	0.224 0.0	36.4	0.0	0.876	0.0	0.479	0.0	70.6
412	B36K_087_087a	0.625 0.0	0.625 0.312	321	0.146 0.0	36.4	0.0	0.853	0.0	0.479	0.0	62.4
413	R10Y_100_100a	0.625 0.0	0.625 0.312	308	0.146 0.0	36.4	0.0	0.853	0.0	0.479	0.0	329.0
414	R18Y_100_100a	0.625 0.0	0.625 0.312	41	0.625 0.05	37.7	0.0	0.853	0.0	0.479	0.0	35.3
415	R00Y_062_050a	0.625 0.125	0.625 0.312	370	0.625 0.125	32.4	0.0	0.763	0.546	0.403	0.0	37.7
416	R26Y_062_050a	0.625 0.125	0.625 0.312	390	0.625 0.125	32.4	0.0	0.763	0.362	0.412	0.0	71.9
417	R00Y_062_050a	0.625 0.125	0.625 0.312	370	0.599 0.125	42.4	0.0	0.756	0.085	0.438	0.0	25.4
418	B61R_062_050a	0.625 0.125	0.625 0.312	344	0.455 0.125	42.4	0.0	0.756	0.0	0.465	0.0	64.2
419	B50K_062_050a	0.625 0.125	0.625 0.312	330	0.328 0.125	42.4	0.0	0.756	0.0	0.458	0.0	341.8
420	B40R_075_050a	0.625 0.125	0.625 0.312	319	0.311 0.125	42.4	0.0	0.756	0.0	0.458	0.0	328.6
421	B34R_087_050a	0.625 0.125	0.625 0.312	301	0.278 0.125	42.4	0.0	0.756	0.0	0.458	0.0	310.5
422	B29K_100_087a	0.625 0.125	0.625 0.312	53	0.214 0.125	42.4	0.0	0.712	0.088	0.424	0.0	304.9
423	R38Y_062_050a	0.625 0.25	0.625 0.312	44	0.625 0.191	41.9	0.0	0.699	0.0	0.424	0.0	69.1
424	R23Y_062_050a	0.625 0.25	0.625 0.312	44	0.625 0.191	41.9	0.0	0.699	0.0	0.424	0.0	51.0
425	R00Y_062_037a	0.625 0.25	0.625 0.312	390	0.625 0.25	32.4	0.0	0.622	0.406	0.396	0.0	71.9
426	R18Y_062_037a	0.625 0.25	0.625 0.312	371	0.625 0.25	32.4	0.0	0.622	0.22	0.407	0.0	25.4
427	B63K_062_037a	0.625 0.25	0.625 0.312	349	0.402 0.25	46.6	0.0	0.584	0.0	0.483	0.0	69.6
428	B50K_062_037a	0.625 0.25	0.625 0.312	330	0.286 0.25	46.6	0.0	0.584	0.0	0.483	0.0	4.3
429	B38K_075_037a	0.625 0.25	0.625 0.312	316	0.186 0.25	46.6	0.0	0.584	0.0	0.483	0.0	346.6
430	B28K_100_037a	0.625 0.25	0.625 0.312	300	0.134 0.25	46.6	0.0	0.584	0.0	0.483	0.0	38.6
431	B28K_100_037a	0.625 0.25	0.625 0.312	300	0.134 0.25	46.6	0.0	0.584	0.0	0.483	0.0	306.8
432	B61Y_062_050a	0.625 0.375	0.625 0.312	67	0.625 0.299	40.2	0.0	0.571	0.988	0.424	0.0	66.6
433	R00Y_062_050a	0.625 0.375	0.625 0.312	67	0.625 0.299	40.2	0.0	0.556	0.72	0.407	0.0	58.8
434	R10Y_062_050a	0.625 0.375	0.625 0.312	49	0.625 0.226	40.2	0.0	0.556	0.0	0.407	0.0	80.0
435	R00Y_062_050a	0.625 0.375	0.625 0.312	49	0.625 0.226	40.2	0.0	0.556	0.0	0.407	0.0	76.7
436	R00Y_062_050a	0.625 0.375	0.625 0.312	390	0.612 0.375	42.7	0.0	0.47	0.289	0.399	0.0	25.4
437	B50K_062_050a	0.625 0.375	0.625 0.312	330	0.476 0.375	42.7	0.0	0.456	0.0	0.476	0.0	328.6
438	B34R_075_050a	0.625 0.375	0.625 0.312	311	0.451 0.375	42.7	0.0	0.456	0.0	0.476	0.0	300.5
439	B28K_087_050a	0.625 0.375	0.625 0.312	293	0.397 0.375	42.7	0.0	0.456	0.0	0.476	0.0	289.7
440	R19K_100_062a	0.625 0.375	0.625 0.312	79	0.625 0.412	10.0	0.0	0.426	0.002	0.469	0.0	328.6
441	R81Y_062_062a	0.625 0.5	0.625 0.312	79	0.625 0.377	52.0	0.0	0.426	0.899	0.423	0.0	80.0
442	R65Y_062_050a	0.625 0.5	0.625 0.312	76	0.625 0.406	12.5	0.0	0.402	0.754	0.407	0.0	76.7
443	R00Y_062_050a	0.625 0.5	0.625 0.312	71	0.625 0.435	22.5	0.0	0.376	0.578	0.407	0.0	71.1
444	R00Y_062_050a	0.625 0.5	0.625 0.312	390	0.625 0.462	37.5	0.0	0.354	0.39	0.406	0.0	58.8
445	R00Y_062_050a	0.625 0.5	0.625 0.312	390	0.625 0.462	37.5	0.0	0.354	0.39	0.406	0.0	64.9
446	B50K_062_012a	0.625 0.5	0.625 0.125	562	0.55 0.5	0.625 0.312	0.0	0.279	0.161	0.419	0.0	25.4
447	B28K_075_025a	0.625 0.5	0.625 0.125	286	0.511 0.5	0.625 0.312	0.0	0.279	0.161	0.419	0.0	25.4
448	B18R_100_050a	0.625 0.5	0.625 0.125	284	0.5 0.6	0.625 0.312	0.0	0.22	0.011	0.418	0.0	25.4
449	R18Y_062_050a	0.625 0.5	0.625 0.125	284	0.5 0.6	0.625 0.312	0.0	0.22	0.011	0.418	0.0	25.4
450	Y00G_062_050a	0.625 0.625	0.625 0.312	90	0.625 0.526	0.0	0.0	0.198	0.782	0.441	0.0	285.0
451	Y00G_062_050a	0.625 0.625	0.625 0.312	90	0.625 0.545	12.5	0.0	0.175	0.622	0.408	0.0	87.9
452	Y00G_062_037a	0.625 0.625	0.625 0.312	90	0.625 0.585	37.5	0.0	0.143	0.453	0.413	0.0	92.3
453	Y00G_062_037a	0.625 0.625	0.625 0.312	90	0.625 0.605	65.0	0.0	0.088	0.254	0.428	0.0	92.3
454	Y00G_062_012a	0.625 0.625	0.625 0.125	562	0.625 0.605	65.0	0.0	0.002	0.0	0.443	0.0	0.0
455	Y00G_062_012a	0.625 0.625	0.625 0.125	562	0.625 0.605	65.0	0.0	0.002	0.0	0.443	0.0	0.0
456	B00K_075_012a	0.625 0.625	0.625 0.125	74	0.625 0.671	77.5	0.0	0.102	0.0	0.352	0.0	271.7
457	B00K_087_025a	0.625 0.625	0.625 0.125	70	0.625 0.718	87.5	0.0	0.171	0.0	0.19	0.0	217.7
458	B00K_100_037a	0.625 0.625	0.625 0.125	270	0.625 0.765	110.0	0.0	0.213	0.0	0.024	0.0	454.4
459	Y15G_075_062a	0.625 0.75	0.625 0.312	99	0.58 0.75	0.0	0.0	0.0	0.931	0.325	0.0	271.7
460	Y18G_075_062a	0.625 0.75	0.625 0.312	101	0.565 0.75	12.5	0.0	0.0	0.811	0.352	0.0	86.2
461	Y16G_075_050a	0.625 0.75	0.625 0.312	104	0.538 0.75	12.5	0.0	0.0	0.694	0.169	0.0	108.6
462	Y16G_075_050a	0.625 0.75	0.625 0.312	104	0.538 0.75	12.5	0.0	0.0	0.694	0.169	0.0	108.6
463	Y16G_075_050a	0.625 0.75	0.625 0.312	104	0.538 0.75	12.5	0.0	0.0	0.694	0.169	0.0	108.6
464	G00B_075_012a	0.625 0.75	0.625 0.125	150	0.625 0.75	0.636	0.0	0.188	0.0	0.326	0.0	127.2
465	G00B_075_012a	0.625 0.75	0.625 0.125	150	0.625 0.75	0.636	0.0	0.188	0.0	0.326	0.0	127.2
466	G50B_087_025a	0.625 0.75	0.625 0.125	240	0.625 0.821	87.5	0.0	0.039	0.312	0.292	0.0	162.2
467	G84B_100_037a	0.625 0.75	0.625 0.125	251	0.625 0.85	110.0	0.0	0.0	0.179	0.292	0.0	216.9
468	Y16G_087_087a	0.625 0.75	0.625 0.125	106	0.512 0.875	0.0	0.0	0.0	0.023	0.346	0.0	48.8
469	Y30G_087_050a	0.625 0.875	0.625 0.312	113	0.521 0.875	12.5	0.0	0.0	0.965	0.188	0.0	254.3
470	Y30G_087_050a	0.625 0.875	0.625 0.312	113	0.521 0.875	12.5	0.0	0.0	0.965	0.188	0.0	254.3
471	Y50G_087_050a	0.625 0.875	0.625 0.312	106	0.538 0.875	0.375	0.0	0.0	0.849	0.184	0.0	114.4
472	G00B_087_037a	0.625 0.875	0.625 0.312	131	0.538 0.875	0.375	0.0	0.0	0.71	0.391	0.0	70.8
473	G00B_087_037a	0.625 0.875	0.625 0.312	131	0.538 0.875	0.375	0.0	0.0	0.71	0.391	0.0	70.8
474	G25B_087_025a	0.625 0.875	0.625 0.312	180	0.625 0.875	0.648	0.0	0.0	0.589	0.168	0.0	68.3
475	G25B_087_025a	0.625 0.875	0.625 0.312	180	0.625 0.875	0.648	0.0	0.0	0.589	0.168	0.0	68.3
476	G63B_100_050a	0.625 1.0	0.625 0.312	229	0.625 1.0	0.99	0.0	0.0	0.464	0.151	0.0	127.2
477	Y16G_100_050a	0.625 1.0	0.625 0.312	115	0.454 1.0	0.0	0.0	0.0	0.312	0.12	0.0	67.4
478	Y41G_100_087a	0.625 1.0	0.625 0.312	115	0.468 1.0	12.5	0.0	0.0	0.191	0.141	0.0	21.5
479	Y50G_100_075a	0.625 1.0	0.625 0.312	120	0.495 1.0	0.25	0.0	0.0	0.0	0.0	0.0	65.2
480	Y16G_100_062a	0.625 1.0	0.625 0.312	127	0.521 1.0	0.375	0.0	0.0	0.0	0.0	0.0	69.4
481	Y16G_100_050a	0.625 1.0	0.625 0.312	136	0.556 1.0	0.5	0.0	0.0	0.0	0.0	0.0	48.1
482	G00B_100_050a	0.625 1.0	0.625 0.312	169	0.625 1.0	0.659	0.0	0.0	0.0	0.0	0.0	68.0
483	G15B_100_037a	0.625 1.0	0.625 0.312	191	0.625 1.0	0.835	0.0	0.0	0.0	0.0	0.0	57.8
484	G34B_100_037a	0.625 1.0	0.625 0.312	210	0.625 1.0	0.9	0.0	0.0	0.0	0.0	0.0	48.4
485	G50B_100_037a	0.625 1.0	0.625 0.312	210	0.625 1.0	0.9	0.0	0.0	0.0	0.0	0	



http://130.149.60.45/~farbmetrik/QE15/QE15L0FA.TXT /.PS; 3D-linearization
 F: 3D-linearization QE15/QE15L30FA.DAT in file (F), page 27/33

n	HC*File	rgb*File	icr*File	hsa*File	rgb*File	LabCM*File	cmyp*sep*File	hsa*File	rgb*File	LabCM*File	delta
567	R00Y_087.087a	0.875 0.0	0.875 0.875 0.437	390	0.875 0.0	0.183 43.9	56.8	27.0	62.9	0.162	71.9
568	R00Y_087.087a	0.875 0.0	0.875 0.875 0.437	382	0.875 0.0	0.356 44.0	58.3	17.3	60.8	0.164	69.5
569	R23Y_087.087a	0.875 0.0	0.875 0.875 0.437	374	0.875 0.0	0.514 44.4	60.4	8.0	60.6	0.164	19.8
570	R23Y_087.087a	0.875 0.0	0.875 0.875 0.437	365	0.875 0.0	0.734 44.4	62.4	-2.5	62.4	0.165	9.2
571	B00K_087.087a	0.875 0.5	0.875 0.875 0.437	355	0.875 0.0	0.875 43.7	62.7	-8.4	63.3	0.192	72.4
572	B63K_087.087a	0.875 0.0	0.875 0.875 0.437	346	0.875 0.0	0.875 39.1	54.9	-15.9	57.2	0.204	352.3
573	B56K_087.087a	0.875 0.0	0.875 0.875 0.437	338	0.875 0.0	0.875 36.4	48.8	-21.5	53.4	0.204	352.3
574	B50K_087.087a	0.875 0.0	0.875 0.875 0.437	330	0.875 0.0	0.875 32.8	43.1	-26.3	50.0	0.185	65.4
575	B44K_100.100a	0.875 0.0	0.875 0.875 0.437	323	0.875 0.0	0.875 30.0	34.3	-34.3	32.9	0.193	321.9
576	R00Y_087.087a	0.875 0.125	0.875 0.875 0.437	316	0.875 0.022	0.0 44.3	54.3	37.1	55.7	0.0	71.9
577	R00Y_087.087a	0.875 0.125	0.875 0.875 0.437	310	0.875 0.125	0.282 49.8	48.7	23.2	53.9	0.0	25.4
578	R35Y_087.075a	0.875 0.125	0.875 0.75 0.5	301	0.875 0.125	0.446 49.0	50.2	15.4	52.0	0.0	18.5
579	R18Y_087.075a	0.875 0.125	0.875 0.75 0.5	310	0.875 0.125	0.62 50.2	52.0	3.3	52.0	0.0	69.6
580	R18Y_087.075a	0.875 0.125	0.875 0.75 0.5	360	0.875 0.125	0.875 53.6	53.6	-7.4	54.1	0.0	69.6
581	B63K_087.075a	0.875 0.125	0.875 0.75 0.5	349	0.875 0.125	0.875 46.3	49.0	-11.6	50.0	0.0	69.6
582	B57K_087.075a	0.875 0.125	0.875 0.75 0.5	339	0.875 0.125	0.875 42.5	42.5	-17.9	46.1	0.0	69.6
583	B50K_087.075a	0.875 0.125	0.875 0.75 0.5	330	0.43 0.125	0.875 40.2	36.9	-22.5	43.3	0.0	69.6
584	B43K_100.087a	0.875 0.125	0.875 0.75 0.5	322	0.408 0.125	0.875 40.2	37.7	-30.5	48.5	0.0	69.6
585	R26Y_087.087a	0.875 0.25	0.875 0.875 0.437	46	0.875 0.142	0.0 48.2	43.3	42.7	62.3	0.0	69.6
586	R15Y_087.075a	0.875 0.25	0.875 0.75 0.5	39	0.875 0.158	0.125 50.6	45.5	32.5	55.9	0.0	69.6
587	R00Y_087.062a	0.875 0.25	0.875 0.625 0.562	390	0.875 0.25	0.34 55.9	49.1	19.3	44.9	0.0	69.6
588	R31Y_087.062a	0.875 0.25	0.875 0.625 0.562	379	0.875 0.25	0.544 55.9	42.1	9.9	43.2	0.0	69.6
589	R11Y_087.062a	0.875 0.25	0.875 0.625 0.562	367	0.875 0.25	0.728 54.8	44.1	-0.1	44.1	0.0	69.6
590	B00K_087.062a	0.875 0.25	0.875 0.625 0.562	355	0.875 0.25	0.875 54.8	43.3	-7.3	44.1	0.0	69.6
591	B30K_087.062a	0.875 0.25	0.875 0.625 0.562	341	0.632 0.25	0.875 51.5	36.4	-13.9	39.0	0.0	69.6
592	B23K_100.075a	0.875 0.25	0.875 0.625 0.562	327	0.875 0.25	0.875 48.7	38.0	-16.7	36.0	0.0	69.6
593	B23K_100.075a	0.875 0.25	0.875 0.625 0.562	321	0.86 0.25	0.875 48.7	31.7	-26.6	42.0	0.0	69.6
594	R18Y_087.087a	0.875 0.375	0.875 0.437	50	0.875 0.251	0.0 52.6	36.1	48.4	60.4	0.0	69.6
595	R31Y_087.075a	0.875 0.375	0.875 0.437	49	0.875 0.279	0.125 51.9	38.4	52.6	46.3	0.0	69.6
596	R18Y_087.062a	0.875 0.375	0.875 0.625 0.562	41	0.875 0.325	0.25 57.2	36.3	28.1	45.9	0.0	69.6
597	R00Y_087.050a	0.875 0.375	0.875 0.5	625	0.875 0.375	0.479 61.8	34.2	15.4	35.9	0.0	69.6
598	R26Y_087.050a	0.875 0.375	0.875 0.5	625	0.849 0.375	0.644 61.9	34.0	5.9	34.6	0.0	69.6
599	R00Y_087.050a	0.875 0.375	0.875 0.5	625	0.849 0.375	0.875 61.6	30.7	-4.9	36.0	0.0	69.6
600	B61K_087.050a	0.875 0.375	0.875 0.5	625	0.705 0.375	0.875 58.8	30.0	-9.9	32.1	0.0	69.6
601	B50K_087.050a	0.875 0.375	0.875 0.5	625	0.578 0.375	0.875 55.4	24.6	-15.0	28.8	0.0	69.6
602	B40K_100.062a	0.875 0.375	0.875 0.5	625	0.561 0.375	0.875 56.0	25.2	-22.8	34.2	0.0	69.6
603	R38Y_087.087a	0.875 0.5	0.875 0.875 0.437	69	0.875 0.363	0.0 57.5	26.2	55.0	60.9	0.0	69.6
604	R30Y_087.075a	0.875 0.5	0.875 0.875 0.437	65	0.875 0.387	0.125 59.4	26.7	44.2	51.7	0.0	69.6
605	R23Y_087.062a	0.875 0.5	0.875 0.625 0.562	53	0.875 0.413	0.25 61.4	27.1	33.6	43.2	0.0	69.6
606	R23Y_087.050a	0.875 0.5	0.875 0.5	625	0.875 0.441	0.375 63.7	27.1	23.6	35.9	0.0	69.6
607	R00Y_087.037a	0.875 0.5	0.875 0.375 0.687	390	0.875 0.5	0.578 67.8	24.3	11.6	26.9	0.0	69.6
608	R18Y_087.037a	0.875 0.5	0.875 0.375 0.687	371	0.875 0.5	0.747 67.9	26.0	1.9	26.1	0.0	69.6
609	B63K_087.037a	0.875 0.5	0.875 0.375 0.687	349	0.777 0.5	0.875 66.0	24.5	-5.8	25.2	0.0	69.6
610	B50K_087.037a	0.875 0.5	0.875 0.375 0.687	330	0.652 0.5	0.875 63.0	18.4	-11.2	21.6	0.0	69.6
611	B38K_100.050a	0.875 0.5	0.875 0.375 0.687	316	0.636 0.5	0.875 61.9	18.2	-19.0	27.0	0.0	69.6
612	R31Y_087.087a	0.875 0.625	0.875 0.875 0.437	74	0.875 0.499	0.0 62.6	17.0	60.5	63.8	0.0	69.6
613	R63Y_087.075a	0.875 0.625	0.875 0.75 0.5	71	0.875 0.466	0.125 64.4	17.2	51.3	53.4	0.0	69.6
614	R61Y_087.062a	0.875 0.625	0.875 0.625 0.562	67	0.875 0.529	0.25 66.4	17.3	40.2	43.8	0.0	69.6
615	R30Y_087.050a	0.875 0.625	0.875 0.5	625	0.875 0.549	0.375 68.1	17.8	29.5	34.4	0.0	69.6
616	R31Y_087.037a	0.875 0.625	0.875 0.375 0.687	49	0.875 0.577	0.5 70.3	18.0	19.1	26.3	0.0	69.6
617	R00Y_087.025a	0.875 0.625	0.875 0.625 0.562	390	0.875 0.625	0.677 73.7	16.2	7.7	17.9	0.0	69.6
618	R00Y_087.025a	0.875 0.625	0.875 0.625 0.562	360	0.862 0.625	0.875 70.6	17.8	-2.4	18.0	0.0	69.6
619	B34K_100.037a	0.875 0.625	0.875 0.5	625	0.726 0.625	0.875 73.7	12.3	-7.5	14.4	0.0	69.6
620	R00Y_087.012a	0.875 0.625	0.875 0.1	625	0.701 0.625	0.0 71.2	13.0	-15.1	19.9	0.0	69.6
621	R36Y_087.087a	0.875 0.75	0.875 0.875 0.437	82	0.875 0.573	0.0 67.8	7.8	68.1	68.6	0.0	69.6
622	R31Y_087.075a	0.875 0.75	0.875 0.75 0.5	91	0.875 0.601	0.125 69.7	7.7	57.3	58.0	0.0	69.6
623	R31Y_087.062a	0.875 0.75	0.875 0.625 0.562	79	0.875 0.628	0.25 71.4	8.2	46.8	50.0	0.0	69.6
624	R31Y_087.050a	0.875 0.75	0.875 0.5	625	0.875 0.658	0.375 75.0	8.5	35.1	37.1	0.0	69.6
625	R63Y_087.037a	0.875 0.75	0.875 0.375 0.687	71	0.875 0.688	0.5 75.0	8.5	25.2	26.7	0.0	69.6
626	R30Y_087.025a	0.875 0.75	0.875 0.625 0.562	60	0.875 0.712	0.625 76.9	8.9	14.7	17.2	0.0	69.6
627	R00Y_087.012a	0.875 0.75	0.875 0.125 0.812	390	0.875 0.75	0.776 79.7	8.1	3.7	7.9	0.0	69.6
628	B50K_087.012a	0.875 0.75	0.875 0.125 0.812	330	0.8 0.75	0.875 78.1	6.1	-3.7	8.2	0.0	69.6
629	B28K_100.025a	0.875 0.75	0.875 0.1	625	0.761 0.75	0.0 74.8	-6.6	-11.4	13.2	0.0	69.6
630	Y00G_087.087a	0.875 0.875	0.875 0.875 0.437	90	0.875 0.736	0.0 78.3	3.1	76.8	76.9	0.0	69.6
631	Y00G_087.075a	0.875 0.875	0.875 0.75 0.5	90	0.875 0.756	0.125 76.3	-2.6	65.8	65.9	0.0	69.6
632	Y00G_087.062a	0.875 0.875	0.875 0.625 0.562	90	0.875 0.776	0.25 77.9	-2.2	54.8	54.9	0.0	69.6
633	Y00G_087.050a	0.875 0.875	0.875 0.5	625	0.875 0.795	0.375 79.4	-1.7	43.9	43.9	0.0	69.6
634	Y00G_087.037a	0.875 0.875	0.875 0.375 0.687	90	0.875 0.815	0.5 81.0	-1.3	32.9	32.9	0.0	69.6
635	Y00G_087.025a	0.875 0.875	0.875 0.625 0.562	90	0.875 0.835	0.625 82.6	-0.4	21.9	21.9	0.0	69.6
636	Y00G_087.012a	0.875 0.875	0.875 0.125 0.812	90	0.875 0.855	0.75 84.1	-0.4	10.9	10.9	0.0	69.6
637	NW_087a	0.875 0.875	0.875 0.875 0.437	360	0.875 0.875	0.875 85.7	0.0	0.0	0.0	0.0	69.6
638	B00K_100.012a	0.875 0.875	0.875 0.1	625	0.875 0.921	0.0 88.2	0.1	-5.6	27.7	0.0	69.6
639	Y11G_100.100a	0.875 1.0	0.875 1.0	97	0.871 1.0	0.0 85.7	-16.3	88.4	89.9	0.0	69.6
640	Y11G_100.087a	0.875 1.0	0.875 1.0	98	0.844 1.0	0.125 86.0	-15.5	75.4	77.0	0.0	69.6
641	Y18G_100.075a	0.875 1.0	0.875 1.0	101	0.83 1.0	0.25 86.5	-14.3	63.0	64.5	0.0	69.6
642	Y18G_100.062a	0.875 1.0	0.875 1.0	102	0.815 1.0	0.375 86.3	-13.6	50.4	52.2	0.0	69.6
643	Y23G_100.050a	0.875 1.0	0.875 1.0	104	0.809 1.0	0.5 86.1	-12.7	37.9	40.0	0.0	69.6
644	Y31G_100.037a	0.875 1.0	0.875 1.0	109	0.818 1.0	0.625 87.1	-11.5	25.2	27.7	0.0	69.6
645	Y50G_100.025a	0.875 1.0	0.875 1.0	120	0.831 1.0	0.75 88.0	-10.3	13.6	17.0	0.0	69.6
646	G00B_100.012a	0.875 1.0	0.875 1.0	150	0.875 1.0	0.886 90.0	-8.3	2.6	8.0	0.0	69.6
647	G50B_100.012a	0.875 1.0	0.875 1.0	210	0.875 1.0	0.966 90.6	-4.9	-3.7	6.2	0.0	69.6

Mean color difference of this page: delta

input: rgb/cmyk -> rgbde
 output: 3D-linearization to cmyk*de

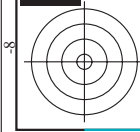
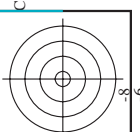


Table with 15 columns: n, HHC*File, rpb*File, icr*File, rgs*File, LabC*File, LabCH*File, rpb*File, cmyk*sep*File, rgs*File, rgs*File, LabCH*File, LabCH*File, LabCH*File, delta. Rows include color names like R00Y, R00M, R00C, etc.

Mean color difference of this page:

TUB-test chart QE15; hue code: H*e=R50Ye colors and differences, ΔE*^a*

input: rgb/cmyk -> rgbde output: 3D-linearization to cmyk*de

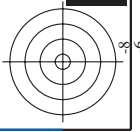
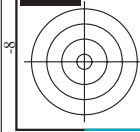


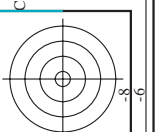
http://130.149.60.45/~farbmetrik/QE15/QE15L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization QE15/QE15L30FA.DAT in file (F), page 29/33

n	HC*File	rgb*File	LabCH*File	rgb*File	LabCH*File	cmyn*sep*File	rgb*File	LabCH*File	delta
729	NW_100.00e	1.0	95.4	1.0	95.4	0.0	1.0	95.4	0.0
730	GS0B_100.012de	0.875	1.0	0.966	0.6	0.196	1.0	0.735	56.6
731	GS0B_100.025de	0.75	1.0	0.933	0.6	0.338	1.0	0.735	56.6
732	GS0B_100.037de	0.625	1.0	0.9	0.6	0.479	1.0	0.735	56.6
733	GS0B_100.050de	0.5	1.0	0.867	0.6	0.619	1.0	0.735	56.6
734	GS0B_100.062de	0.375	1.0	0.834	0.6	0.759	1.0	0.735	56.6
735	GS0B_100.075de	0.25	1.0	0.801	0.6	0.899	1.0	0.735	56.6
736	GS0B_100.087de	0.125	1.0	0.768	0.6	1.039	1.0	0.735	56.6
737	GS0B_100.100de	0.0	1.0	0.735	0.6	1.179	1.0	0.735	56.6
738	ROY_100.012de	1.0	0.875	0.901	89.4	0.152	1.0	0.209	47.6
739	NW_087de	0.875	0.875	0.875	0.875	0.007	1.0	1.0	95.4
740	GS0B_087.012de	0.75	0.875	0.841	80.9	0.021	1.0	0.735	56.6
741	GS0B_087.025de	0.625	0.875	0.808	76.0	0.031	1.0	0.735	56.6
742	GS0B_087.037de	0.5	0.875	0.775	71.2	0.041	1.0	0.735	56.6
743	GS0B_087.050de	0.375	0.875	0.742	66.3	0.051	1.0	0.735	56.6
744	GS0B_087.062de	0.25	0.875	0.709	61.4	0.061	1.0	0.735	56.6
745	GS0B_087.075de	0.125	0.875	0.676	56.6	0.071	1.0	0.735	56.6
746	GS0B_087.087de	0.0	0.875	0.643	51.7	0.081	1.0	0.735	56.6
747	ROY_100.025de	0.875	0.75	0.802	83.5	0.025	1.0	0.209	47.6
748	ROY_100.037de	0.75	0.75	0.776	79.7	0.035	1.0	0.209	47.6
749	NW_075de	0.75	0.75	0.75	76.0	0.009	1.0	1.0	95.4
750	GS0B_075.012de	0.625	0.75	0.716	71.1	0.018	1.0	0.735	56.6
751	GS0B_075.025de	0.5	0.75	0.683	66.3	0.028	1.0	0.735	56.6
752	GS0B_075.037de	0.375	0.75	0.65	61.4	0.037	1.0	0.735	56.6
753	GS0B_075.050de	0.25	0.75	0.617	56.6	0.047	1.0	0.735	56.6
754	GS0B_075.062de	0.125	0.75	0.584	51.7	0.057	1.0	0.735	56.6
755	GS0B_075.075de	0.0	0.75	0.551	46.8	0.067	1.0	0.735	56.6
756	ROY_100.037de	1.0	0.625	0.625	77.3	0.388	1.0	0.209	47.6
757	ROY_087.012de	0.875	0.625	0.677	73.7	0.227	1.0	0.209	47.6
758	ROY_075.012de	0.75	0.625	0.651	70.0	0.145	1.0	0.209	47.6
759	NW_062de	0.625	0.625	0.625	66.3	0.001	1.0	1.0	95.4
760	GS0B_062.012de	0.5	0.625	0.625	61.4	0.002	1.0	0.735	56.6
761	GS0B_062.025de	0.375	0.625	0.598	56.6	0.009	1.0	0.735	56.6
762	GS0B_062.037de	0.25	0.625	0.571	51.7	0.019	1.0	0.735	56.6
763	GS0B_062.050de	0.125	0.625	0.544	46.8	0.029	1.0	0.735	56.6
764	GS0B_062.062de	0.0	0.625	0.517	41.9	0.039	1.0	0.735	56.6
765	ROY_100.050de	1.0	0.5	0.5	38.9	0.5	1.0	0.209	47.6
766	ROY_087.037de	0.875	0.5	0.578	41.9	0.504	1.0	0.209	47.6
767	ROY_075.025de	0.75	0.5	0.552	38.9	0.407	1.0	0.209	47.6
768	ROY_062.012de	0.625	0.5	0.526	36.0	0.279	1.0	0.209	47.6
769	NW_050de	0.5	0.5	0.5	33.9	0.026	1.0	1.0	95.4
770	GS0B_050.012de	0.375	0.5	0.466	31.1	0.026	1.0	0.735	56.6
771	GS0B_050.025de	0.25	0.5	0.44	28.2	0.036	1.0	0.735	56.6
772	GS0B_050.037de	0.125	0.5	0.417	25.3	0.046	1.0	0.735	56.6
773	GS0B_050.050de	0.0	0.5	0.39	22.4	0.056	1.0	0.735	56.6
774	ROY_100.062de	1.0	0.375	0.375	20.5	0.623	1.0	0.209	47.6
775	ROY_087.050de	0.875	0.375	0.405	18.6	0.544	1.0	0.209	47.6
776	ROY_075.037de	0.75	0.375	0.433	16.7	0.465	1.0	0.209	47.6
777	ROY_062.025de	0.625	0.375	0.461	14.8	0.386	1.0	0.209	47.6
778	ROY_050.012de	0.5	0.375	0.489	12.9	0.307	1.0	0.209	47.6
779	NW_037de	0.375	0.375	0.375	11.0	0.034	1.0	1.0	95.4
780	GS0B_037.012de	0.25	0.375	0.341	10.1	0.034	1.0	0.735	56.6
781	GS0B_037.025de	0.125	0.375	0.314	9.2	0.044	1.0	0.735	56.6
782	GS0B_037.037de	0.0	0.375	0.287	8.3	0.054	1.0	0.735	56.6
783	ROY_100.075de	1.0	0.25	0.25	7.4	0.708	1.0	0.209	47.6
784	ROY_087.050de	0.875	0.25	0.28	6.5	0.629	1.0	0.209	47.6
785	ROY_075.037de	0.75	0.25	0.308	5.6	0.554	1.0	0.209	47.6
786	ROY_062.025de	0.625	0.25	0.337	4.7	0.479	1.0	0.209	47.6
787	ROY_050.012de	0.5	0.25	0.366	3.8	0.404	1.0	0.209	47.6
788	ROY_037.025de	0.375	0.25	0.395	2.9	0.329	1.0	0.209	47.6
789	NW_025de	0.25	0.25	0.25	2.0	0.031	1.0	1.0	95.4
790	GS0B_025.012de	0.125	0.25	0.216	1.1	0.031	1.0	0.735	56.6
791	GS0B_025.025de	0.0	0.25	0.189	0.2	0.041	1.0	0.735	56.6
792	ROY_100.087de	1.0	0.125	0.125	0.0	0.875	1.0	0.209	47.6
793	ROY_087.075de	0.875	0.125	0.152	0.0	0.796	1.0	0.209	47.6
794	ROY_075.062de	0.75	0.125	0.182	0.0	0.717	1.0	0.209	47.6
795	ROY_062.050de	0.625	0.125	0.211	0.0	0.638	1.0	0.209	47.6
796	ROY_050.037de	0.5	0.125	0.24	0.0	0.559	1.0	0.209	47.6
797	ROY_037.025de	0.375	0.125	0.269	0.0	0.480	1.0	0.209	47.6
798	ROY_025.012de	0.25	0.125	0.298	0.0	0.401	1.0	0.209	47.6
799	NW_012de	0.125	0.125	0.125	0.0	0.322	1.0	1.0	95.4
800	GS0B_012.012de	0.0	0.125	0.125	0.0	0.243	1.0	0.735	56.6
801	ROY_100.100de	1.0	0.0	0.0	0.0	0.164	1.0	0.209	47.6
802	ROY_087.087de	0.875	0.0	0.0	0.0	0.085	1.0	0.209	47.6
803	ROY_075.075de	0.75	0.0	0.0	0.0	0.006	1.0	0.209	47.6
804	ROY_062.062de	0.625	0.0	0.0	0.0	0.000	1.0	0.209	47.6
805	ROY_050.050de	0.5	0.0	0.0	0.0	0.000	1.0	0.209	47.6
806	ROY_037.037de	0.375	0.0	0.0	0.0	0.000	1.0	0.209	47.6
807	ROY_025.025de	0.25	0.0	0.0	0.0	0.000	1.0	0.209	47.6
808	ROY_012.012de	0.125	0.0	0.0	0.0	0.000	1.0	0.209	47.6
809	NW_000de	0.0	0.0	0.0	0.0	0.000	1.0	1.0	95.4

Mean color difference of this page:

input: rgb/cmyk -> rgbd
output: 3D-linearization to cmyk*de





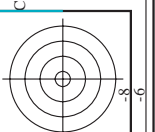
http://130.149.60.45/~farbmetrik/QE15/QE15L0FA.TXT /.PS; 3D-linearization
 F: 3D-linearization QE15/QE15L0FA.DAT in file (F), page 30/33

n	HC*File	rgb*File	Lab*File	rgb*File	Lab*File	cmyn*sep*Rate	cmyn*sep*Rate	rgb*File	Lab*File	cmyn*sep*Rate	cmyn*sep*Rate	rgb*File	Lab*File	cmyn*sep*Rate	cmyn*sep*Rate
810	NW_1000de	0.875 0.875 1.0	1.0 1.0 1.0	95.4 0.0 0.0	1.0 1.0 1.0	0.0 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
811	BOOR_100.012de	0.875 0.875 1.0	1.0 1.0 1.0	88.2 0.1 0.1	0.921 1.0 1.0	5.6 27.7	0.157 0.075	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.921 1.0 1.0	88.2 0.1 0.1	0.157 0.075	0.0 0.0 0.0
812	BOOR_100.025de	0.75 0.75 1.0	1.0 1.0 1.0	81.0 0.3 0.3	0.75 0.843 1.0	-11.3 11.3	0.144 0.144	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.75 0.843 1.0	81.0 0.3 0.3	0.144 0.144	0.0 0.0 0.0
813	BOOR_100.037de	0.625 0.625 1.0	1.0 1.0 1.0	73.8 0.5 0.5	0.625 0.765 1.0	17.0 27.7	0.219 0.219	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.625 0.765 1.0	73.8 0.5 0.5	0.219 0.219	0.0 0.0 0.0
814	BOOR_100.050de	0.5 0.5 1.0	1.0 1.0 1.0	66.7 0.6 0.6	0.5 0.687 1.0	22.7 27.7	0.293 0.293	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.5 0.687 1.0	66.7 0.6 0.6	0.293 0.293	0.0 0.0 0.0
815	BOOR_100.062de	0.375 0.375 1.0	1.0 1.0 1.0	59.5 0.8 0.8	0.375 0.609 1.0	28.4 27.7	0.372 0.372	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.375 0.609 1.0	59.5 0.8 0.8	0.372 0.372	0.0 0.0 0.0
816	BOOR_100.075de	0.25 0.25 1.0	1.0 1.0 1.0	52.3 1.0 1.0	0.25 0.531 1.0	34.0 27.7	0.443 0.443	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.25 0.531 1.0	52.3 1.0 1.0	0.443 0.443	0.0 0.0 0.0
817	BOOR_100.087de	0.125 0.125 1.0	1.0 1.0 1.0	45.1 1.2 1.2	0.125 0.452 1.0	39.7 27.7	0.529 0.529	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.125 0.452 1.0	45.1 1.2 1.2	0.529 0.529	0.0 0.0 0.0
818	BOOR_100.100de	0.0 0.0 1.0	1.0 1.0 1.0	37.9 1.3 1.3	0.0 0.374 1.0	45.4 27.7	0.623 0.623	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.374 1.0	37.9 1.3 1.3	0.623 0.623	0.0 0.0 0.0
819	YOOC_100.012de	0.875 0.875 1.0	1.0 1.0 1.0	95.4 0.0 0.0	1.0 0.98 0.875	10.9 92.3	0.032 0.147	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	1.0 0.98 0.875	95.4 0.0 0.0	0.032 0.147	0.0 0.0 0.0
820	BOOR_087.012de	0.875 0.875 1.0	1.0 1.0 1.0	88.2 0.1 0.1	0.875 0.796 0.875	85.7 0.0	0.023 0.007	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.875 0.796 0.875	88.2 0.1 0.1	0.023 0.007	0.0 0.0 0.0
821	BOOR_087.025de	0.75 0.75 1.0	1.0 1.0 1.0	81.0 0.3 0.3	0.75 0.718 0.875	78.5 0.1	0.087 0.161	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.75 0.718 0.875	81.0 0.3 0.3	0.087 0.161	0.0 0.0 0.0
822	BOOR_087.037de	0.625 0.625 1.0	1.0 1.0 1.0	73.8 0.5 0.5	0.625 0.648 0.875	71.3 0.3	0.188 0.322	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.625 0.648 0.875	73.8 0.5 0.5	0.188 0.322	0.0 0.0 0.0
823	BOOR_087.050de	0.5 0.5 1.0	1.0 1.0 1.0	66.7 0.6 0.6	0.5 0.614 0.875	64.1 0.5	0.193 0.346	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.5 0.614 0.875	66.7 0.6 0.6	0.193 0.346	0.0 0.0 0.0
824	BOOR_087.062de	0.375 0.375 1.0	1.0 1.0 1.0	59.5 0.8 0.8	0.375 0.562 0.875	56.9 0.6	0.189 0.346	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.375 0.562 0.875	59.5 0.8 0.8	0.189 0.346	0.0 0.0 0.0
825	BOOR_087.075de	0.25 0.25 1.0	1.0 1.0 1.0	52.3 1.0 1.0	0.25 0.484 0.875	49.7 0.8	0.185 0.346	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.25 0.484 0.875	52.3 1.0 1.0	0.185 0.346	0.0 0.0 0.0
826	BOOR_087.087de	0.125 0.125 1.0	1.0 1.0 1.0	45.1 1.2 1.2	0.125 0.406 0.875	42.5 1.0	0.185 0.346	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.125 0.406 0.875	45.1 1.2 1.2	0.185 0.346	0.0 0.0 0.0
827	BOOR_087.100de	0.0 0.0 1.0	1.0 1.0 1.0	37.9 1.3 1.3	0.0 0.327 0.875	35.4 1.2	0.197 0.361	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.327 0.875	37.9 1.3 1.3	0.197 0.361	0.0 0.0 0.0
828	YOOC_100.025de	0.875 0.875 1.0	1.0 1.0 1.0	95.4 0.0 0.0	1.0 0.96 0.75	92.3 -0.4	0.052 0.279	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	1.0 0.96 0.75	95.4 0.0 0.0	0.052 0.279	0.0 0.0 0.0
829	NW_075de	0.75 0.75 1.0	1.0 1.0 1.0	88.2 0.1 0.1	0.875 0.855 0.75	84.1 0.0	0.064 0.195	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.875 0.855 0.75	88.2 0.1 0.1	0.064 0.195	0.0 0.0 0.0
830	BOOR_075.012de	0.625 0.625 1.0	1.0 1.0 1.0	73.8 0.5 0.5	0.625 0.671 0.75	68.8 0.1	0.009 0.000	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.625 0.671 0.75	73.8 0.5 0.5	0.009 0.000	0.0 0.0 0.0
831	BOOR_075.025de	0.5 0.5 1.0	1.0 1.0 1.0	66.7 0.6 0.6	0.5 0.593 0.75	61.6 0.3	0.113 0.178	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.5 0.593 0.75	66.7 0.6 0.6	0.113 0.178	0.0 0.0 0.0
832	BOOR_075.037de	0.375 0.375 1.0	1.0 1.0 1.0	59.5 0.8 0.8	0.375 0.515 0.75	54.4 0.5	0.306 0.306	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.375 0.515 0.75	59.5 0.8 0.8	0.306 0.306	0.0 0.0 0.0
833	BOOR_075.050de	0.25 0.25 1.0	1.0 1.0 1.0	52.3 1.0 1.0	0.25 0.430 0.75	47.2 0.6	0.407 0.407	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.25 0.430 0.75	52.3 1.0 1.0	0.407 0.407	0.0 0.0 0.0
834	BOOR_075.062de	0.125 0.125 1.0	1.0 1.0 1.0	45.1 1.2 1.2	0.125 0.349 0.75	40.3 0.8	0.528 0.528	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.125 0.349 0.75	45.1 1.2 1.2	0.528 0.528	0.0 0.0 0.0
835	BOOR_075.075de	0.0 0.0 1.0	1.0 1.0 1.0	37.9 1.3 1.3	0.0 0.261 0.75	32.8 1.0	0.654 0.654	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.261 0.75	37.9 1.3 1.3	0.654 0.654	0.0 0.0 0.0
836	YOOC_100.037de	0.875 0.875 1.0	1.0 1.0 1.0	95.4 0.0 0.0	1.0 0.94 0.625	90.7 -1.3	0.081 0.397	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	1.0 0.94 0.625	95.4 0.0 0.0	0.081 0.397	0.0 0.0 0.0
837	YOOC_087.025de	0.875 0.875 1.0	1.0 1.0 1.0	88.2 0.1 0.1	0.875 0.835 0.625	82.6 -0.8	0.114 0.361	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.875 0.835 0.625	88.2 0.1 0.1	0.114 0.361	0.0 0.0 0.0
838	YOOC_087.050de	0.75 0.75 1.0	1.0 1.0 1.0	81.0 0.3 0.3	0.75 0.73 0.625	74.4 -0.4	0.076 0.223	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.75 0.73 0.625	81.0 0.3 0.3	0.076 0.223	0.0 0.0 0.0
839	YOOC_075.012de	0.625 0.625 1.0	1.0 1.0 1.0	73.8 0.5 0.5	0.625 0.625 0.625	66.3 0.0	0.002 0.002	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.625 0.625 0.625	73.8 0.5 0.5	0.002 0.002	0.0 0.0 0.0
840	BOOR_062.012de	0.625 0.625 1.0	1.0 1.0 1.0	66.7 0.6 0.6	0.625 0.625 0.625	59.1 0.1	0.002 0.002	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.625 0.625 0.625	66.7 0.6 0.6	0.002 0.002	0.0 0.0 0.0
841	BOOR_062.025de	0.5 0.5 1.0	1.0 1.0 1.0	59.5 0.8 0.8	0.5 0.546 0.625	51.9 0.3	0.209 0.209	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.5 0.546 0.625	59.5 0.8 0.8	0.209 0.209	0.0 0.0 0.0
842	BOOR_062.037de	0.375 0.375 1.0	1.0 1.0 1.0	52.3 1.0 1.0	0.375 0.462 0.625	44.7 0.5	0.405 0.405	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.375 0.462 0.625	52.3 1.0 1.0	0.405 0.405	0.0 0.0 0.0
843	BOOR_062.050de	0.25 0.25 1.0	1.0 1.0 1.0	45.1 1.2 1.2	0.25 0.39 0.625	37.5 0.6	0.587 0.587	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.25 0.39 0.625	45.1 1.2 1.2	0.587 0.587	0.0 0.0 0.0
844	BOOR_062.062de	0.125 0.125 1.0	1.0 1.0 1.0	37.9 1.3 1.3	0.125 0.312 0.625	30.3 0.8	0.777 0.777	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.125 0.312 0.625	37.9 1.3 1.3	0.777 0.777	0.0 0.0 0.0
845	BOOR_100.050de	0.0 0.0 1.0	1.0 1.0 1.0	30.3 0.8 0.8	0.0 0.234 0.625	23.0 1.0	0.876 0.876	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.234 0.625	30.3 0.8 0.8	0.876 0.876	0.0 0.0 0.0
846	YOOC_100.050de	0.875 0.875 1.0	1.0 1.0 1.0	95.4 0.0 0.0	1.0 0.92 0.5	89.2 -1.7	0.09 0.509	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	1.0 0.92 0.5	95.4 0.0 0.0	0.09 0.509	0.0 0.0 0.0
847	YOOC_087.037de	0.875 0.875 1.0	1.0 1.0 1.0	88.2 0.1 0.1	0.875 0.815 0.5	81.0 -1.3	0.132 0.409	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.875 0.815 0.5	88.2 0.1 0.1	0.132 0.409	0.0 0.0 0.0
848	YOOC_075.025de	0.75 0.75 1.0	1.0 1.0 1.0	81.0 0.3 0.3	0.75 0.71 0.5	72.9 1.9	0.209 0.209	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.75 0.71 0.5	81.0 0.3 0.3	0.209 0.209	0.0 0.0 0.0
849	YOOC_062.012de	0.625 0.625 1.0	1.0 1.0 1.0	73.8 0.5 0.5	0.625 0.605 0.5	64.7 -0.4	0.088 0.254	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.625 0.605 0.5	73.8 0.5 0.5	0.088 0.254	0.0 0.0 0.0
850	NW_050de	0.5 0.5 1.0	1.0 1.0 1.0	66.7 0.6 0.6	0.5 0.5 0.5	56.5 0.0	0.006 0.026	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.5 0.5 0.5	66.7 0.6 0.6	0.006 0.026	0.0 0.0 0.0
851	BOOR_050.012de	0.375 0.375 1.0	1.0 1.0 1.0	59.5 0.8 0.8	0.375 0.421 0.5	49.4 0.1	0.142 0.142	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.375 0.421 0.5	59.5 0.8 0.8	0.142 0.142	0.0 0.0 0.0
852	BOOR_050.025de	0.25 0.25 1.0	1.0 1.0 1.0	52.3 1.0 1.0	0.249 0.343 0.5	42.2 0.3	0.302 0.302	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.25 0.343 0.5	52.3 1.0 1.0	0.302 0.302	0.0 0.0 0.0
853	BOOR_050.037de	0.125 0.125 1.0	1.0 1.0 1.0	45.1 1.2 1.2	0.124 0.265 0.5	35.0 0.5	0.469 0.469	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.125 0.265 0.5	45.1 1.2 1.2	0.469 0.469	0.0 0.0 0.0
854	BOOR_050.050de	0.0 0.0 1.0	1.0 1.0 1.0	37.9 1.3 1.3	0.0 0.187 0.5	27.8 0.6	0.642 0.642	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.187 0.5	37.9 1.3 1.3	0.642 0.642	0.0 0.0 0.0
855	YOOC_100.062de	0.875 0.875 1.0	1.0 1.0 1.0</												

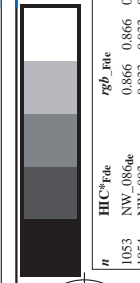


TUB registration: 20130201-QE15/QE15L0FA.TXT /.PS
 application for measurement of offset print output, separation cmyk6* (CMYK)

TUB material: code=rha4ta



http://130.149.60.45/~farbmetrik/QE15/QE15L0FA.TXT /.PS; 3D-linearization
 F: 3D-linearization QE15/QE15L30FA.DAT in file (F), page 33/33



see similar files: <http://130.149.60.45/~farbmetrik/QE15/QE15.HTM>
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n	HC*Fate	rgb*Fate	icr*Fate	hsa*Fate	rgb*Fate	LabCIP*Fate	cmyp*sep.Fate	cmyp*sep.Fate	hsa*Fate	rgb*Fate	LabCIP*Fate	delta
1053	NW_086de	0.866	0.866	0.866	0.866	85.0	0.007	0.007	360	1.0	95.4	0.0
1054	NW_093de	0.933	0.933	0.933	0.933	90.2	0.005	0.005	360	1.0	95.4	0.0
1055	NW_100de	1.0	1.0	1.0	1.0	95.4	0.0	0.0	360	1.0	95.4	0.0
1056	NW_006de	0.066	0.066	0.066	0.066	17.7	0.0	0.0	360	1.0	95.4	0.0
1057	NW_013de	0.133	0.133	0.133	0.133	22.8	0.139	0.139	360	1.0	95.4	0.0
1058	NW_020de	0.2	0.2	0.2	0.2	33.2	0.0	0.0	360	1.0	95.4	0.0
1059	NW_026de	0.266	0.266	0.266	0.266	38.3	0.043	0.043	360	1.0	95.4	0.0
1060	NW_033de	0.333	0.333	0.333	0.333	43.6	0.057	0.057	360	1.0	95.4	0.0
1061	NW_040de	0.4	0.4	0.4	0.4	48.8	0.016	0.016	360	1.0	95.4	0.0
1062	NW_046de	0.466	0.466	0.466	0.466	53.9	0.019	0.019	360	1.0	95.4	0.0
1063	NW_053de	0.533	0.533	0.533	0.533	59.1	0.027	0.027	360	1.0	95.4	0.0
1064	NW_060de	0.6	0.6	0.6	0.6	64.3	0.006	0.006	360	1.0	95.4	0.0
1065	NW_066de	0.666	0.666	0.666	0.666	69.5	0.006	0.006	360	1.0	95.4	0.0
1066	NW_073de	0.734	0.734	0.734	0.734	74.7	0.021	0.021	360	1.0	95.4	0.0
1067	NW_080de	0.8	0.8	0.8	0.8	79.9	0.011	0.011	360	1.0	95.4	0.0
1068	NW_086de	0.866	0.866	0.866	0.866	85.0	0.007	0.007	360	1.0	95.4	0.0
1069	NW_093de	0.933	0.933	0.933	0.933	90.2	0.024	0.024	360	1.0	95.4	0.0
1070	NW_100de	1.0	1.0	1.0	1.0	95.4	0.0	0.0	360	1.0	95.4	0.0
1071	NW_006de	0.0	0.0	0.0	0.0	17.7	0.0	0.0	360	1.0	95.4	0.0
1072	NW_013de	0.0	0.0	0.0	0.0	22.8	0.0	0.0	360	1.0	95.4	0.0
1073	NW_020de	0.0	0.0	0.0	0.0	33.2	0.0	0.0	360	1.0	95.4	0.0
1074	NW_026de	0.0	0.0	0.0	0.0	38.3	0.0	0.0	360	1.0	95.4	0.0
1075	NW_033de	0.0	0.0	0.0	0.0	43.6	0.0	0.0	360	1.0	95.4	0.0
1076	NW_040de	0.0	0.0	0.0	0.0	48.8	0.0	0.0	360	1.0	95.4	0.0
1077	NW_046de	0.0	0.0	0.0	0.0	53.9	0.0	0.0	360	1.0	95.4	0.0
1078	NW_053de	0.0	0.0	0.0	0.0	59.1	0.0	0.0	360	1.0	95.4	0.0
1079	NW_060de	0.0	0.0	0.0	0.0	64.3	0.0	0.0	360	1.0	95.4	0.0
1080	NW_066de	0.0	0.0	0.0	0.0	69.5	0.0	0.0	360	1.0	95.4	0.0
1081	NW_073de	0.0	0.0	0.0	0.0	74.7	0.0	0.0	360	1.0	95.4	0.0
1082	NW_080de	0.0	0.0	0.0	0.0	79.9	0.0	0.0	360	1.0	95.4	0.0
1083	NW_086de	0.0	0.0	0.0	0.0	85.0	0.0	0.0	360	1.0	95.4	0.0
1084	NW_093de	0.0	0.0	0.0	0.0	90.2	0.0	0.0	360	1.0	95.4	0.0
1085	NW_100de	0.0	0.0	0.0	0.0	95.4	0.0	0.0	360	1.0	95.4	0.0
1086	ROY_100_100de	1.0	1.0	1.0	1.0	17.7	0.0	0.0	360	1.0	95.4	0.0
1087	GS0B_100_100de	1.0	1.0	1.0	1.0	22.8	0.0	0.0	360	1.0	95.4	0.0
1088	Y06C_100_100de	1.0	1.0	1.0	1.0	33.2	0.0	0.0	360	1.0	95.4	0.0
1089	B08C_100_100de	1.0	1.0	1.0	1.0	43.6	0.0	0.0	360	1.0	95.4	0.0
1090	E50R_100_100de	1.0	1.0	1.0	1.0	53.9	0.0	0.0	360	1.0	95.4	0.0
1091	100_100_100de	1.0	1.0	1.0	1.0	64.3	0.0	0.0	360	1.0	95.4	0.0
1092	100_100_100de	1.0	1.0	1.0	1.0	74.7	0.0	0.0	360	1.0	95.4	0.0
1093	100_100_100de	1.0	1.0	1.0	1.0	85.0	0.0	0.0	360	1.0	95.4	0.0
1094	100_100_100de	1.0	1.0	1.0	1.0	90.2	0.0	0.0	360	1.0	95.4	0.0
1095	100_100_100de	1.0	1.0	1.0	1.0	95.4	0.0	0.0	360	1.0	95.4	0.0
1096	100_100_100de	1.0	1.0	1.0	1.0	17.7	0.0	0.0	360	1.0	95.4	0.0
1097	100_100_100de	1.0	1.0	1.0	1.0	22.8	0.0	0.0	360	1.0	95.4	0.0
1098	100_100_100de	1.0	1.0	1.0	1.0	33.2	0.0	0.0	360	1.0	95.4	0.0
1099	100_100_100de	1.0	1.0	1.0	1.0	43.6	0.0	0.0	360	1.0	95.4	0.0
1100	100_100_100de	1.0	1.0	1.0	1.0	53.9	0.0	0.0	360	1.0	95.4	0.0
1101	100_100_100de	1.0	1.0	1.0	1.0	64.3	0.0	0.0	360	1.0	95.4	0.0
1102	100_100_100de	1.0	1.0	1.0	1.0	74.7	0.0	0.0	360	1.0	95.4	0.0
1103	100_100_100de	1.0	1.0	1.0	1.0	85.0	0.0	0.0	360	1.0	95.4	0.0
1104	100_100_100de	1.0	1.0	1.0	1.0	90.2	0.0	0.0	360	1.0	95.4	0.0
1105	100_100_100de	1.0	1.0	1.0	1.0	95.4	0.0	0.0	360	1.0	95.4	0.0
1106	100_100_100de	1.0	1.0	1.0	1.0	17.7	0.0	0.0	360	1.0	95.4	0.0
1107	100_100_100de	1.0	1.0	1.0	1.0	22.8	0.0	0.0	360	1.0	95.4	0.0
1108	100_100_100de	1.0	1.0	1.0	1.0	33.2	0.0	0.0	360	1.0	95.4	0.0
1109	100_100_100de	1.0	1.0	1.0	1.0	43.6	0.0	0.0	360	1.0	95.4	0.0
1110	100_100_100de	1.0	1.0	1.0	1.0	53.9	0.0	0.0	360	1.0	95.4	0.0
1111	100_100_100de	1.0	1.0	1.0	1.0	64.3	0.0	0.0	360	1.0	95.4	0.0
1112	100_100_100de	1.0	1.0	1.0	1.0	74.7	0.0	0.0	360	1.0	95.4	0.0
1113	100_100_100de	1.0	1.0	1.0	1.0	85.0	0.0	0.0	360	1.0	95.4	0.0
1114	100_100_100de	1.0	1.0	1.0	1.0	90.2	0.0	0.0	360	1.0	95.4	0.0
1115	100_100_100de	1.0	1.0	1.0	1.0	95.4	0.0	0.0	360	1.0	95.4	0.0
1116	100_100_100de	1.0	1.0	1.0	1.0	17.7	0.0	0.0	360	1.0	95.4	0.0
1117	100_100_100de	1.0	1.0	1.0	1.0	22.8	0.0	0.0	360	1.0	95.4	0.0
1118	100_100_100de	1.0	1.0	1.0	1.0	33.2	0.0	0.0	360	1.0	95.4	0.0
1119	100_100_100de	1.0	1.0	1.0	1.0	43.6	0.0	0.0	360	1.0	95.4	0.0
1120	100_100_100de	1.0	1.0	1.0	1.0	53.9	0.0	0.0	360	1.0	95.4	0.0
1121	100_100_100de	1.0	1.0	1.0	1.0	64.3	0.0	0.0	360	1.0	95.4	0.0
1122	100_100_100de	1.0	1.0	1.0	1.0	74.7	0.0	0.0	360	1.0	95.4	0.0
1123	100_100_100de	1.0	1.0	1.0	1.0	85.0	0.0	0.0	360	1.0	95.4	0.0
1124	100_100_100de	1.0	1.0	1.0	1.0	90.2	0.0	0.0	360	1.0	95.4	0.0
1125	100_100_100de	1.0	1.0	1.0	1.0	95.4	0.0	0.0	360	1.0	95.4	0.0
1126	100_100_100de	1.0	1.0	1.0	1.0	17.7	0.0	0.0	360	1.0	95.4	0.0
1127	100_100_100de	1.0	1.0	1.0	1.0	22.8	0.0	0.0	360	1.0	95.4	0.0
1128	100_100_100de	1.0	1.0	1.0	1.0	33.2	0.0	0.0	360	1.0	95.4	0.0
1129	100_100_100de	1.0	1.0	1.0	1.0	43.6	0.0	0.0	360	1.0	95.4	0.0
1130	100_100_100de	1.0	1.0	1.0	1.0	53.9	0.0	0.0	360	1.0	95.4	0.0
1131	100_100_100de	1.0	1.0	1.0	1.0	64.3	0.0	0.0	360	1.0	95.4	0.0
1132	100_100_100de	1.0	1.0	1.0	1.0	74.7	0.0	0.0	360	1.0	95.4	0.0
1133	100_100_100de	1.0	1.0	1.0	1.0	85.0	0.0	0.0	360	1.0	95.4	0.0
1134	100_100_100de	1.0	1.0	1.0	1.0	90.2	0.0	0.0	360	1.0	95.4	0.0
1135	100_100_100de	1.0	1.0	1.0	1.0	95.4	0.0	0.0	360	1.0	95.4	0.0
1136	100_100_100de	1.0	1.0	1.0	1.0	17.7	0.0	0.0	360	1.0	95.4	0.0
1137	100_100_100de	1.0	1.0	1.0	1.0	22.8	0.0	0.0	360	1.0	95.4	0.0
1138	100_100_100de	1.0	1.0	1.0	1.0	33.2	0.0	0.0	360	1.0	95.4	0.0
1139	100_100_100de	1.0	1.0	1.0	1.0	43.6	0.0	0.0	360	1.0	95.4	0.0
1140	100_100_100de	1.0	1.0	1.0	1.0	53.9	0.0	0.0	360	1.0	95.4	0.0
1141	100_100_100de	1.0	1.0	1.0	1.0	64.3	0.0	0.0	360	1.0	95.4	0.0
1142	100_100_100de	1.0	1.0	1.0	1.0	74.7	0.0	0.0	360	1.0	95.4	0.0
1143	100_100_100de	1.0	1.0	1.0	1.0	85.0	0.0	0.0	360	1.0	95.4	0.0
1144	100_100_100de	1.0	1.0	1.0	1.0	90.2	0.0	0.0	360	1.0	95.4	0.0
1145	100_100_100de	1.0	1.0	1.0	1.0	95.4	0.0	0.0	360	1.0	95.4	0.0
1146	100_100_100de	1.0	1.0	1.0	1.0	17.7	0.0	0.0	360	1.0	95.4	0.0
1147	100_100_100de	1.0	1.0	1.0	1.0	22.8	0.0	0.0	360	1.0	95.4	0.0
1148	100_100_100de	1.0	1.0	1.0	1.0	33.2	0.0	0.0	360	1.0	95.4	0.0
1149	100_100_100de	1.0	1.0	1.0	1.0	43.6	0.0	0.0	360	1.0		