

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

$H^*_- = R50Y_-$

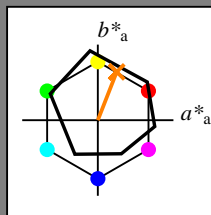
Data for any device (d) or elementary (e) colour:

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

$u^*_{rel} = 92$

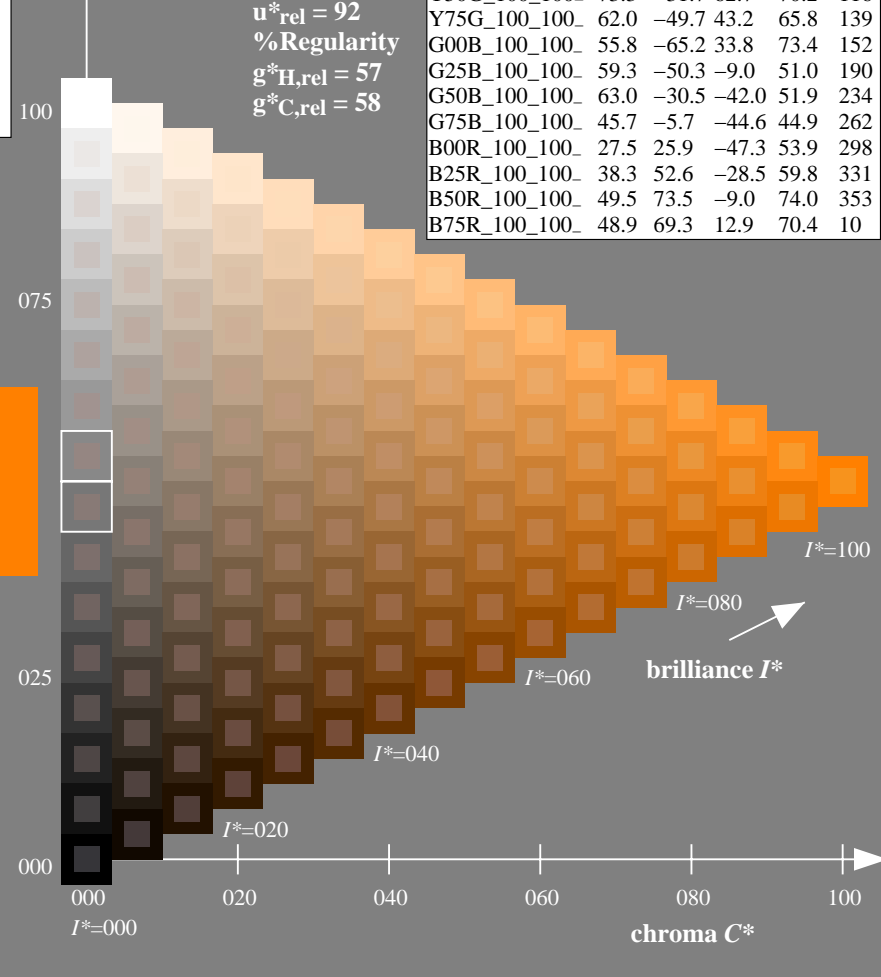
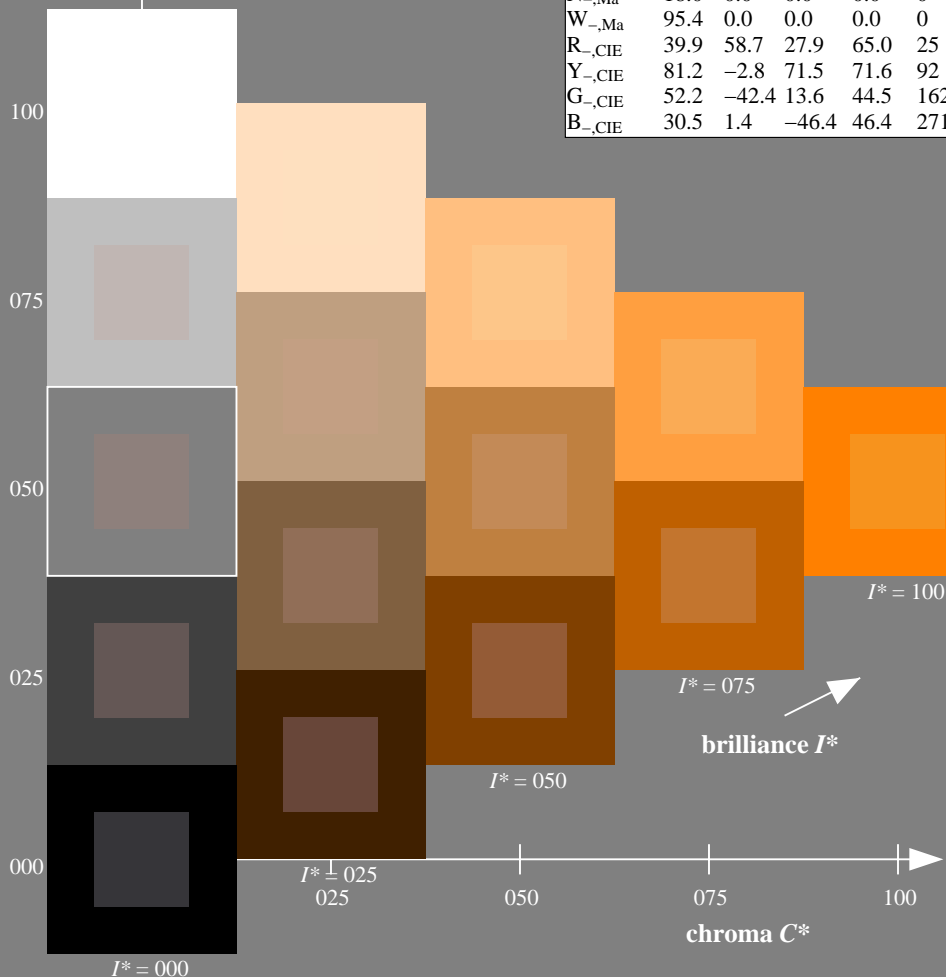
%Regularity

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

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

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/QE12/QE12L0FP.PDF> / .PS; start output
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE12/QE12L0FP.PDF /.PS
 application for measurement of display output

TUB material: code=rh4ta

1-113030-L0 QE120-7N

TUB-test chart QE12; hue code: $H^*_- = R50Y_-$
 Test chart according to DIN 33872, 3D=1, de=1, sRGB*

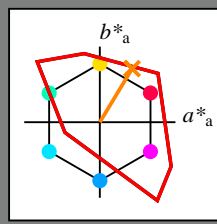
input: $rgb/cmyk \rightarrow rgb/cmyk$
 output: no change

Input and Output: Television Luminous System TLS00a 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^*



TLS00a; adapted (a) CIELAB data

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
Re,Ma	50.9	78.3	37.3	86.7	25
Ye,Ma	83.7	-3.4	84.5	84.5	92
Ge,Ma	85.1	-64.6	20.7	67.9	162
Ce,Ma	79.0	-34.2	-25.7	42.8	216
Be,Ma	59.2	1.7	-56.6	56.6	271
Me,Ma	57.1	94.1	-57.4	110.3	328
Ne,Ma	0.0	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):

$LabCh^*_{e, Ma}$: 63 42 70 82 58

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

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

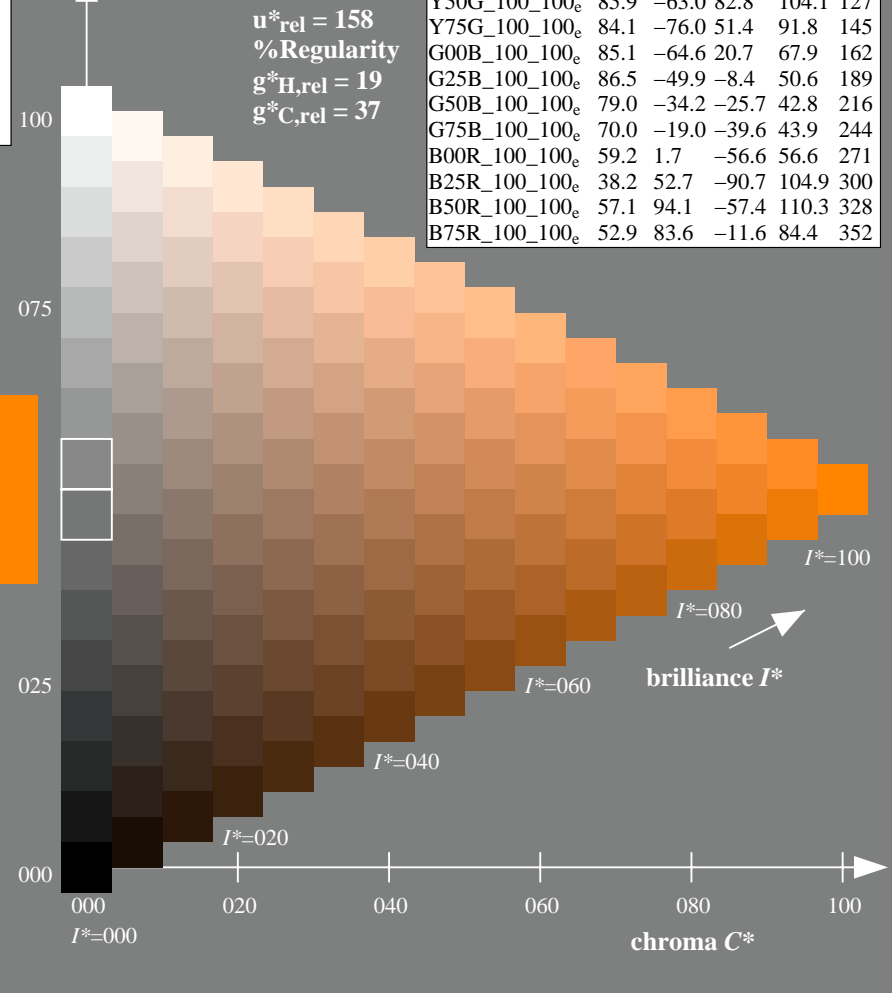
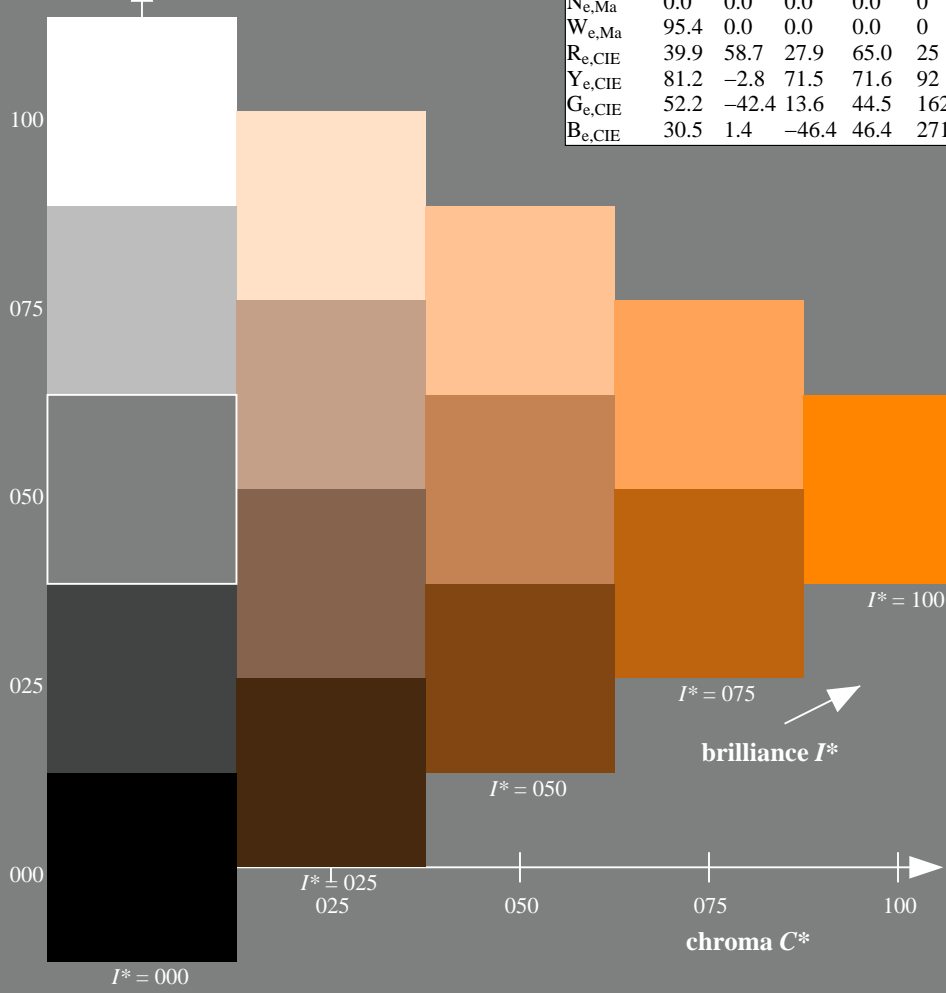
1.0 0.48 0.0 1.0 1.0

triangle lightness T^*

TLS00a; adapted (a) CIELAB data

H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	50.9	78.3	37.3	86.7	25
R25Y_100_100_e	51.3	74.4	64.8	98.7	41
R50Y_100_100_e	63.1	42.7	70.8	82.7	58
R75Y_100_100_e	73.5	18.3	77.7	79.8	76
Y00G_100_100_e	83.7	-3.4	84.5	84.5	92
Y25G_100_100_e	91.0	-29.9	88.9	93.8	108
Y50G_100_100_e	85.9	-63.0	82.8	104.1	127
Y75G_100_100_e	84.1	-76.0	51.4	91.8	145
G00B_100_100_e	85.1	-64.6	20.7	67.9	162
G25B_100_100_e	86.5	-49.9	-8.4	50.6	189
G50B_100_100_e	79.0	-34.2	-25.7	42.8	216
G75B_100_100_e	70.0	-19.0	-39.6	43.9	244
B00R_100_100_e	59.2	1.7	-56.6	56.6	271
B25R_100_100_e	38.2	52.7	-90.7	104.9	300
B50R_100_100_e	57.1	94.1	-57.4	110.3	328
B75R_100_100_e	52.9	83.6	-11.6	84.4	352

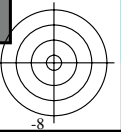
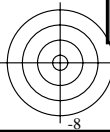
%Gamut
 $u^*_{rel} = 158$
%Regularity
 $g^*_{H,rel} = 19$
 $g^*_{C,rel} = 37$



see similar files: <http://130.149.60.45/~farbmetrik/QE12/QE12L0FP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE12/QE12L0FP.PDF / .PS
application for measurement of display output, no separation

TUB material: code=rh4ta



Data of Maximum color M in colorimetric system sRGB standard device; no separation, 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 $RYGCBM_d$: $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$; 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

$LCH^*_d = 92.6 \ 93.0 \ 102.8$
 $LAB^*_d = 92.6 \ -20.7 \ 90.7$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$ leaf-green

$LCH^*_d = 83.6 \ 115.0 \ 136.0$
 $LAB^*_d = 83.6 \ -82.7 \ 79.8$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$ cyan-blue

$LCH^*_d = 86.8 \ 48.1 \ 196.3$
 $LAB^*_d = 86.8 \ -46.1 \ -13.5$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$

$O=R_d$ orange-red

$LCH^*_d = 50.4 \ 100.4 \ 40.0$
 $LAB^*_d = 50.4 \ 76.9 \ 64.5$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

$M=M_d$ magenta-red

$LCH^*_d = 57.2 \ 110.9 \ 328.2$
 $LAB^*_d = 57.2 \ 94.3 \ -58.4$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$ violet-blue

$LCH^*_d = 30.3 \ 128.5 \ 306.2$
 $LAB^*_d = 30.3 \ 76.0 \ -103.5$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e yellow

$LCH^*_e = 83.7 \ 84.5 \ 92.3$
 $LAB^*_e = 83.7 \ -3.4 \ 84.5$
 $rgb^*_{de} = 1.0 \ 0.856 \ 0.0$

G_e green

$LCH^*_e = 85.1 \ 67.9 \ 162.2$
 $LAB^*_e = 85.1 \ -64.6 \ 20.7$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.706$

C_e blue-green

$LCH^*_e = 79.0 \ 42.8 \ 216.9$
 $LAB^*_e = 79.0 \ -34.2 \ -25.7$
 $rgb^*_{de} = 0.0 \ 0.89 \ 1.0$

B_e blue

$LCH^*_e = 59.2 \ 56.6 \ 271.7$
 $LAB^*_e = 59.2 \ 1.7 \ -56.6$
 $rgb^*_{de} = 0.0 \ 0.609 \ 1.0$

R_e red

$LCH^*_e = 50.9 \ 86.7 \ 25.4$
 $LAB^*_e = 50.9 \ 78.3 \ 37.3$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.263$

M_e blue-red

$LCH^*_e = 57.1 \ 110.3 \ 328.6$
 $LAB^*_e = 57.1 \ 94.1 \ -57.4$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.991$

Y_s yellow

$LCH^*_s = 82.1 \ 83.5 \ 90.0$
 $LAB^*_s = 82.1 \ 0.0 \ 83.5$
 $rgb^*_{ds} = 1.0 \ 0.83 \ 0.0$

G_s green

$LCH^*_s = 84.4 \ 84.2 \ 150.0$
 $LAB^*_s = 84.4 \ -72.9 \ 42.1$
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.523$

R_s red

$LCH^*_s = 50.7 \ 90.1 \ 30.0$
 $LAB^*_s = 50.7 \ 78.0 \ 45.0$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.202$

M_s blue-red

$LCH^*_s = 56.7 \ 107.7 \ 330.0$
 $LAB^*_s = 56.7 \ 93.3 \ -53.8$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.962$

C_s blue-green

$LCH^*_s = 81.7 \ 44.6 \ 210.0$
 $LAB^*_s = 81.7 \ -38.6 \ -22.3$
 $rgb^*_{ds} = 0.0 \ 0.927 \ 1.0$

B_s blue

$LCH^*_s = 60.2 \ 54.7 \ 270.0$
 $LAB^*_s = 60.2 \ 0.0 \ -54.7$
 $rgb^*_{ds} = 0.0 \ 0.623 \ 1.0$

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^*_e the equation:

$$h_{ab,s} = \text{atan} [r^*_d \cos(30) + g^*_d \cos(150)] / [r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270)] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles $h_{ab,s}$ 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:

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

$$h_{360ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$
- For the 48 or 360 elementary hue angles $h_{ab,e}$ 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:

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

$$h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$
- For any elementary hue angle $h_{ab,e}$ 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^*_{de} produce the output of the device-independent elementary hues

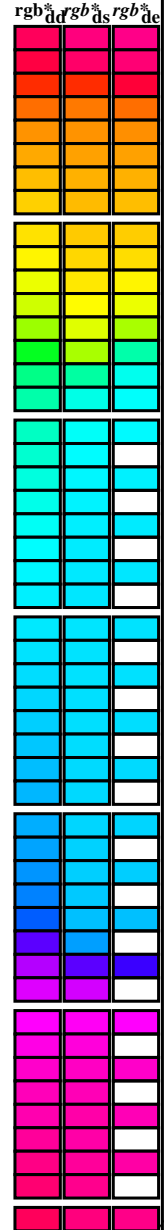
see similar files: <http://130.149.60.45/~farbmetrik/QE12/QE12L0FP.PDF> / .PS
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE12/QE12L0FP.PDF / .PS
 application for measurement of display output, no separation

TUB material: code=rh4ta

Data of maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_s: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours RYGBM_d: h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; Six hue angles of the elementary colours RYGBM_e: h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with columns: h_{ab,d}, h_{ab,s}, h_{ab,e}, r_{gb}*_dd64M, LAB*_ddx64M (x=LabCh), r_{gb}*_ddx361M, LAB*_ddx361M (x=LabCh), r_{gb}*_dsx361M, LAB*_dsx361M (x=LabCh), r_{gb}*_dex361M, LAB*_dex361M (x=LabCh). Rows list colorimetric data for various hue angles and device colors.



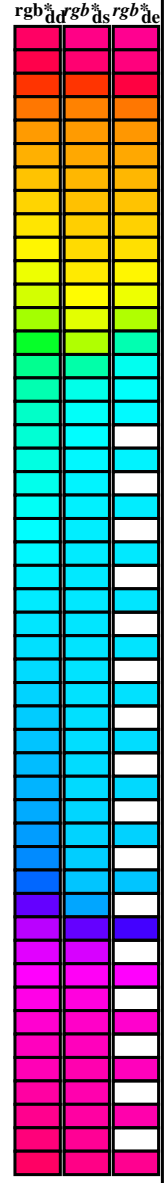
see similar files: http://130.149.60.45/~farbmetrik/QE12/QE12L0FP.PDF /.PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE12/QE12L0FP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rh4ta

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_s: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours RYGBM_d: h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; Six hue angles of the elementary colours RYGBM_e: h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* dd64M	LAB* ddx64M (x=LabCh)	rgb* dex361M	LAB* dex361M
40.0	30.0	25.4	1.0 0.0 0.0	50.4 76.9 64.5 100.4 40.0	1.0 0.0 0.263 50.9	78.3 37.3 86.7 25
41.3	37.5	33.8	1.0 0.125 0.0	51.5 73.9 64.9 98.3 41.3	1.0 0.0 0.156 50.7	77.7 51.0 92.9 33
44.6	45.0	42.1	1.0 0.25 0.0	54.0 66.7 65.9 93.8 44.6	1.0 0.157 0.0	52.2 72.0 65.3 97.2 42
50.7	52.5	50.5	1.0 0.375 0.0	58.2 55.4 67.9 87.7 50.7	1.0 0.358 0.0	57.7 56.9 67.8 88.6 49
59.7	60.0	58.8	1.0 0.5 0.0	63.6 41.3 71.0 82.2 59.7	1.0 0.488 0.0	63.1 42.8 70.9 82.8 58
71.0	67.5	67.2	1.0 0.625 0.0	70.1 25.7 75.0 79.3 71.0	1.0 0.577 0.0	67.6 31.8 73.9 80.5 66
82.9	75.0	75.6	1.0 0.75 0.0	77.2 9.8 79.7 80.4 82.9	1.0 0.673 0.0	72.8 19.8 77.3 79.8 75
93.8	82.5	83.9	1.0 0.875 0.0	84.8 -5.7 85.0 85.2 93.8	1.0 0.755 0.0	77.5 9.3 80.1 80.6 83
102.8	90.0	92.3	1.0 1.0 0.0	92.6 -20.7 90.7 93.0 102.8	1.0 0.857 0.0	83.7 -3.3 84.5 84.6 92
110.5	97.5	101.0	0.875 1.0 0.0	90.4 -33.1 88.1 94.1 110.5	1.0 0.967 0.0	90.6 -16.4 89.5 91.0 100
117.6	105.0	109.7	0.75 1.0 0.0	88.5 -44.9 85.8 96.8 117.6	0.888 1.0 0.0	90.7 -31.7 88.5 94.0 109
123.6	112.5	118.5	0.625 1.0 0.0	86.9 -55.8 83.9 100.7 123.6	0.743 1.0 0.0	88.5 -45.4 85.8 97.1 117
128.3	120.0	127.2	0.5 1.0 0.0	85.7 -65.2 82.4 105.1 128.3	0.529 1.0 0.0	86.0 -62.9 82.9 104.1 127
131.8	127.5	136.0	0.375 1.0 0.0	84.7 -72.8 81.2 109.1 131.8	0.132 1.0 0.0	83.8 -81.2 80.1 114.1 135
134.1	135.0	144.7	0.25 1.0 0.0	84.1 -78.2 80.5 112.2 134.1	0.0 1.0 0.41	84.1 -76.8 54.3 94.1 144
135.5	142.5	153.4	0.125 1.0 0.0	83.7 -81.4 80.0 114.2 135.5	0.0 1.0 0.573	84.6 -70.9 36.3 79.8 152
136.0	150.0	162.2	0.0 1.0 0.0	83.6 -82.7 79.8 115.0 136.0	0.0 1.0 0.706	85.2 -64.6 20.7 67.9 162
137.0	157.5	169.0	0.0 1.0 0.125	83.6 -82.1 76.6 112.3 137.0	0.0 1.0 0.778	85.5 -60.6 12.2 61.9 168
139.3	165.0	175.9	0.0 1.0 0.25	83.8 -80.5 69.1 106.1 139.3	0.0 1.0 0.847	85.9 -56.4 4.0 56.7 175
143.2	172.5	182.7	0.0 1.0 0.375	84.0 -77.8 58.1 97.1 143.2	0.0 1.0 0.9	86.2 -53.2 -2.0 53.3 182
148.6	180.0	189.6	0.0 1.0 0.5	84.3 -73.7 44.9 86.4 148.6	0.0 1.0 0.952	86.6 -49.8 -8.3 50.6 189
155.8	187.5	196.4	0.0 1.0 0.625	84.7 -68.5 30.6 75.0 155.8	0.0 1.0 0.997	86.9 -46.3 -13.2 48.3 195
165.6	195.0	203.2	0.0 1.0 0.75	85.3 -62.0 15.9 64.0 165.6	0.0 0.963	1.0 84.3 -42.5 -18.2 46.4 203
178.8	202.5	210.1	0.0 1.0 0.875	86.0 -54.5 1.0 54.5 178.8	0.0 0.929	1.0 81.8 -38.8 -22.1 44.7 209
196.3	210.0	216.9	0.0 1.0 1.0	86.8 -46.1 -13.5 48.1 196.3	0.0 0.89	1.0 79.1 -34.2 -25.7 42.9 216
219.8	217.5	223.8	0.0 0.875 1.0	77.9 -32.3 -27.0 42.1 219.8	0.0 0.859	1.0 76.9 -30.7 -29.0 42.4 223
247.2	225.0	230.6	0.0 0.75 1.0	69.1 -17.0 -40.7 44.1 247.2	0.0 0.826	1.0 74.5 -27.1 -33.1 43.0 230
269.8	232.5	237.5	0.0 0.625 1.0	60.3 -0.1 -54.6 54.6 269.8	0.0 0.797	1.0 72.4 -23.5 -36.3 43.4 237
285.0	240.0	244.3	0.0 0.5 1.0	51.7 18.3 -68.3 70.7 285.0	0.0 0.763	1.0 70.1 -18.9 -39.5 44.0 244
294.8	247.5	251.2	0.0 0.375 1.0	43.8 37.6 -81.2 89.5 294.8	0.0 0.731	1.0 67.8 -15.0 -43.1 45.8 250
301.1	255.0	258.0	0.0 0.25 1.0	37.1 55.9 -92.3 107.9 301.1	0.0 0.69	1.0 64.9 -10.1 -48.0 49.2 258
304.8	262.5	264.8	0.0 0.125 1.0	32.4 69.5 -100.0 121.8 304.8	0.0 0.655	1.0 62.4 -5.0 -51.8 52.1 264
306.2	270.0	271.7	0.0 0.0 1.0	30.3 76.0 -103.5 128.5 306.2	0.0 0.609	1.0 59.3 1.7 -56.5 56.6 271
306.6	277.5	278.8	0.125 0.0 1.0	31.0 76.2 -102.4 127.7 306.6	0.0 0.555	1.0 55.5 9.3 -62.9 63.7 278
307.5	285.0	285.9	0.25 0.0 1.0	32.6 76.8 -99.8 125.9 307.5	0.0 0.488	1.0 51.0 19.9 -69.6 72.5 285
309.2	292.5	293.0	0.375 0.0 1.0	35.1 77.9 -95.5 123.3 309.2	0.0 0.404	1.0 45.7 32.7 -78.5 85.2 292
311.6	300.0	300.1	0.5 0.0 1.0	38.5 79.8 -89.7 120.0 311.6	0.0 0.27	1.0 38.2 52.8 -90.6 105.0 300
314.8	307.5	307.2	0.625 0.0 1.0	42.7 82.5 -82.7 116.8 314.8	0.0 0.146	0.0 31.3 76.4 -102.0 127.5 306
318.8	315.0	314.3	0.75 0.0 1.0	47.2 85.8 -75.1 114.0 318.8	0.0 0.605	0.0 42.1 82.1 -83.8 117.4 314
323.3	322.5	321.4	0.875 0.0 1.0	52.1 89.8 -66.9 112.0 323.3	0.0 0.811	0.0 49.7 87.9 -71.0 113.1 321
328.2	330.0	328.6	1.0 0.0 1.0	57.2 94.3 -58.4 110.9 328.2	0.0 0.992	0.0 57.2 94.2 -57.4 110.3 328
334.0	337.5	335.7	1.0 0.0 0.875	55.6 90.3 -43.9 100.4 334.0	0.0 0.856	0.0 55.4 89.9 -41.4 99.0 335
341.6	345.0	342.8	1.0 0.0 0.75	54.2 86.7 -28.6 91.3 341.6	1.0 0.0	0.0 73.5 54.1 86.5 -26.6 90.6 342
351.4	352.5	349.9	1.0 0.0 0.625	53.0 83.6 -12.6 84.6 351.4	1.0 0.0	0.0 65.5 53.3 84.5 -15.6 86.0 349
362.9	360.0	357.0	1.0 0.0 0.5	52.0 81.1 4.1 81.2 362.9	1.0 0.0	0.0 61.8 53.0 83.6 -11.6 84.4 352
375.2	367.5	364.1	1.0 0.0 0.375	51.3 79.2 21.6 82.1 375.2	1.0 0.0	0.0 53.3 52.3 82.2 -0.1 82.2 359
386.7	375.0	371.2	1.0 0.0 0.25	50.8 77.9 39.2 87.2 386.7	1.0 0.0	0.0 44.1 51.7 80.7 12.5 81.7 368
395.4	382.5	378.3	1.0 0.0 0.125	50.6 77.2 54.9 94.8 395.4	1.0 0.0	0.0 36.1 51.3 79.3 23.6 82.8 376
400.0	390.0	385.4	1.0 0.0 0.0	50.4 76.9 64.5 100.4 400.0	1.0 0.0	0.0 0.263 50.9 78.3 37.3 86.7 385



see similar files: http://130.149.60.45/~farbmetrik/QE12/QE12L0FP.PDF /.PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE12/QE12L0FP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rh4ta

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_s: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours RYGBM_d: h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; Six hue angles of the elementary colours RYGBM_e: h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* dd361M	LAB* ddx361Mi (x=LabCh)	R _d	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	R _s	rgb* dd361Mi	LAB* de361Mi (x=LabCh)	R _e	rgb* dd361Mi	rgb* dd	rgb* ds	rgb* de
40	30	25	1.0 0.0 0.0	50.4 76.9 64.5 100.4 40	1.0	1.0 0.0 0.203 50.8 78.0 45.1 90.1 30	1.0	1.0 0.0 0.0	1.0 0.0 0.263 50.9 78.3 37.3 86.7 25	1.0	1.0 0.0 0.0				
40	31	26	1.0 0.016 0.0	50.6 76.5 64.6 100.1 40	1.0	1.0 0.0 0.189 50.7 78.0 46.9 91.0 31	1.0	1.0 0.017 0.0	1.0 0.0 0.251 50.9 78.0 39.0 87.2 26	1.0	1.0 0.017 0.0				
40	32	27	1.0 0.033 0.0	50.7 76.1 64.6 99.8 40	1.0	1.0 0.0 0.174 50.7 77.9 48.7 91.8 32	1.0	1.0 0.033 0.0	1.0 0.0 0.236 50.8 78.0 41.0 88.1 27	1.0	1.0 0.033 0.0				
40	33	28	1.0 0.05 0.0	50.9 75.7 64.7 99.6 40	1.0	1.0 0.0 0.16 50.7 77.7 50.5 92.7 33	1.0	1.0 0.05 0.0	1.0 0.0 0.22 50.8 78.1 43.0 89.1 28	1.0	1.0 0.05 0.0				
40	34	29	1.0 0.066 0.0	51.0 75.3 64.7 99.3 40	1.0	1.0 0.0 0.146 50.6 77.6 52.3 93.6 34	1.0	1.0 0.067 0.0	1.0 0.0 0.204 50.8 78.0 44.9 90.1 29	1.0	1.0 0.067 0.0				
40	35	31	1.0 0.083 0.0	51.1 74.9 64.8 99.0 40	1.0	1.0 0.0 0.131 50.6 77.3 54.2 94.4 35	1.0	1.0 0.083 0.0	1.0 0.0 0.188 50.7 78.0 46.9 91.0 31	1.0	1.0 0.083 0.0				
41	36	32	1.0 0.1 0.0	51.3 74.5 64.8 98.7 41	1.0	1.0 0.0 0.11 50.6 77.3 56.1 95.5 36	1.0	1.0 0.1 0.0	1.0 0.0 0.172 50.7 77.9 49.0 92.0 32	1.0	1.0 0.1 0.0				
41	37	33	1.0 0.116 0.0	51.4 74.1 64.9 98.5 41	1.0	1.0 0.0 0.082 50.6 77.2 58.2 96.7 37	1.0	1.0 0.117 0.0	1.0 0.0 0.156 50.7 77.7 51.0 92.9 33	1.0	1.0 0.117 0.0				
41	38	34	1.0 0.133 0.0	51.7 73.4 65.0 98.0 41	1.0	1.0 0.0 0.055 50.5 77.2 60.3 98.0 38	1.0	1.0 0.133 0.0	1.0 0.0 0.14 50.6 77.5 53.0 93.9 34	1.0	1.0 0.133 0.0				
41	39	35	1.0 0.15 0.0	52.0 72.4 65.2 97.4 41	1.0	1.0 0.0 0.028 50.5 77.1 62.4 99.2 39	1.0	1.0 0.15 0.0	1.0 0.0 0.123 50.6 77.2 55.1 94.9 35	1.0	1.0 0.15 0.0				
42	40	36	1.0 0.166 0.0	52.3 71.4 65.3 96.8 42	1.0	1.0 0.0 0.0 50.5 76.9 64.6 100.4 40	1.0	1.0 0.167 0.0	1.0 0.0 0.093 50.6 77.3 57.4 96.3 36	1.0	1.0 0.167 0.0				
42	41	37	1.0 0.183 0.0	52.7 70.5 65.5 96.2 42	1.0	1.0 0.095 0.0 51.3 74.6 64.9 98.9 41	1.0	1.0 0.183 0.0	1.0 0.0 0.062 50.5 77.2 59.7 97.6 37	1.0	1.0 0.183 0.0				
43	42	38	1.0 0.2 0.0	53.0 69.5 65.6 95.6 43	1.0	1.0 0.151 0.0 52.1 72.4 65.2 97.5 42	1.0	1.0 0.2 0.0	1.0 0.0 0.032 50.5 77.1 62.1 99.0 38	1.0	1.0 0.2 0.0				
43	43	39	1.0 0.216 0.0	53.4 68.6 65.7 95.0 43	1.0	1.0 0.188 0.0 52.8 70.3 65.5 96.1 43	1.0	1.0 0.217 0.0	1.0 0.0 0.001 50.5 76.9 64.5 100.4 39	1.0	1.0 0.217 0.0				
44	44	41	1.0 0.233 0.0	53.7 67.6 65.8 94.4 44	1.0	1.0 0.225 0.0 53.6 68.2 65.8 94.8 44	1.0	1.0 0.233 0.0	1.0 0.102 0.0 51.4 74.4 64.9 98.8 41	1.0	1.0 0.233 0.0				
44	45	42	1.0 0.25 0.0	54.0 66.7 65.9 93.8 44	1.0	1.0 0.256 0.0 54.3 66.1 66.1 93.5 45	1.0	1.0 0.25 0.0	1.0 0.157 0.0 52.2 72.0 65.3 97.2 42	1.0	1.0 0.25 0.0				
45	46	43	1.0 0.266 0.0	54.6 65.1 66.3 93.0 45	1.0	1.0 0.277 0.0 55.0 64.3 66.6 92.5 46	1.0	1.0 0.267 0.0	1.0 0.199 0.0 53.0 69.6 65.6 95.7 43	1.0	1.0 0.267 0.0				
46	47	44	1.0 0.283 0.0	55.1 63.6 66.6 92.2 46	1.0	1.0 0.297 0.0 55.6 62.4 66.9 91.5 47	1.0	1.0 0.283 0.0	1.0 0.24 0.0 53.9 67.3 65.9 94.2 44	1.0	1.0 0.283 0.0				
47	48	45	1.0 0.3 0.0	55.7 62.1 66.9 91.3 47	1.0	1.0 0.318 0.0 56.3 60.6 67.3 90.5 48	1.0	1.0 0.3 0.0	1.0 0.267 0.0 54.7 65.1 66.4 93.0 45	1.0	1.0 0.3 0.0				
47	49	46	1.0 0.316 0.0	56.2 60.6 67.2 90.5 47	1.0	1.0 0.338 0.0 57.0 58.7 67.6 89.5 49	1.0	1.0 0.317 0.0	1.0 0.29 0.0 55.4 63.1 66.8 91.9 46	1.0	1.0 0.317 0.0				
48	50	47	1.0 0.333 0.0	56.8 59.1 67.5 89.7 48	1.0	1.0 0.359 0.0 57.7 56.9 67.8 88.5 50	1.0	1.0 0.333 0.0	1.0 0.313 0.0 56.2 61.0 67.2 90.8 47	1.0	1.0 0.333 0.0				
49	51	48	1.0 0.35 0.0	57.3 57.6 67.7 88.9 49	1.0	1.0 0.378 0.0 58.3 55.1 68.1 87.6 51	1.0	1.0 0.35 0.0	1.0 0.336 0.0 56.9 59.0 67.5 89.7 48	1.0	1.0 0.35 0.0				
50	52	49	1.0 0.366 0.0	57.9 56.2 67.9 88.1 50	1.0	1.0 0.392 0.0 58.9 53.6 68.6 87.0 52	1.0	1.0 0.367 0.0	1.0 0.358 0.0 57.7 56.9 67.8 88.6 49	1.0	1.0 0.367 0.0				
51	53	51	1.0 0.383 0.0	58.5 54.5 68.2 87.3 51	1.0	1.0 0.406 0.0 59.6 52.0 69.0 86.4 53	1.0	1.0 0.383 0.0	1.0 0.379 0.0 58.4 55.0 68.1 87.6 51	1.0	1.0 0.383 0.0				
52	54	52	1.0 0.4 0.0	59.3 52.6 68.8 86.6 52	1.0	1.0 0.42 0.0 60.2 50.4 69.4 85.8 54	1.0	1.0 0.4 0.0	1.0 0.395 0.0 59.1 53.2 68.7 86.9 52	1.0	1.0 0.4 0.0				
53	55	53	1.0 0.416 0.0	60.0 50.7 69.3 85.9 53	1.0	1.0 0.433 0.0 60.8 48.8 69.8 85.2 55	1.0	1.0 0.417 0.0	1.0 0.41 0.0 59.7 51.5 69.1 86.2 53	1.0	1.0 0.417 0.0				
54	56	54	1.0 0.433 0.0	60.7 48.8 69.7 85.1 54	1.0	1.0 0.447 0.0 61.4 47.3 70.1 84.5 56	1.0	1.0 0.433 0.0	1.0 0.426 0.0 60.4 49.7 69.6 85.5 54	1.0	1.0 0.433 0.0				
56	57	55	1.0 0.45 0.0	61.4 46.9 70.1 84.4 56	1.0	1.0 0.461 0.0 62.0 45.7 70.4 83.9 57	1.0	1.0 0.45 0.0	1.0 0.441 0.0 61.1 48.0 69.9 84.8 55	1.0	1.0 0.45 0.0				
57	58	56	1.0 0.466 0.0	62.2 45.1 70.4 83.6 57	1.0	1.0 0.475 0.0 62.6 44.1 70.7 83.3 58	1.0	1.0 0.467 0.0	1.0 0.457 0.0 61.8 46.2 70.3 84.1 56	1.0	1.0 0.467 0.0				
58	59	57	1.0 0.483 0.0	62.9 43.2 70.7 82.9 58	1.0	1.0 0.489 0.0 63.2 42.6 70.9 82.7 59	1.0	1.0 0.483 0.0	1.0 0.472 0.0 62.5 44.5 70.6 83.4 57	1.0	1.0 0.483 0.0				
59	60	58	1.0 0.5 0.0	63.6 41.3 71.0 82.2 59	1.0	1.0 0.502 0.0 63.8 41.1 71.2 82.2 60	1.0	1.0 0.5 0.0	1.0 0.488 0.0 63.1 42.8 70.9 82.8 58	1.0	1.0 0.5 0.0				
61	61	60	1.0 0.516 0.0	64.5 39.3 71.7 81.8 61	1.0	1.0 0.513 0.0 64.4 39.7 71.6 81.9 61	1.0	1.0 0.517 0.0	1.0 0.502 0.0 63.8 41.1 71.2 82.2 60	1.0	1.0 0.517 0.0				
62	62	61	1.0 0.533 0.0	65.3 37.2 72.4 81.4 62	1.0	1.0 0.525 0.0 64.9 38.3 72.1 81.7 62	1.0	1.0 0.533 0.0	1.0 0.515 0.0 64.4 39.5 71.7 81.9 61	1.0	1.0 0.533 0.0				
64	63	62	1.0 0.55 0.0	66.2 35.1 73.0 81.0 64	1.0	1.0 0.536 0.0 65.5 37.0 72.5 81.4 63	1.0	1.0 0.55 0.0	1.0 0.527 0.0 65.1 38.0 72.2 81.6 62	1.0	1.0 0.55 0.0				
65	64	63	1.0 0.566 0.0	67.1 33.0 73.5 80.6 65	1.0	1.0 0.547 0.0 66.1 35.6 72.9 81.1 64	1.0	1.0 0.567 0.0	1.0 0.54 0.0 65.7 36.5 72.7 81.3 63	1.0	1.0 0.567 0.0				
67	65	64	1.0 0.583 0.0	67.9 31.0 74.0 80.3 67	1.0	1.0 0.558 0.0 66.7 34.2 73.3 80.9 65	1.0	1.0 0.583 0.0	1.0 0.552 0.0 66.4 34.9 73.1 81.0 64	1.0	1.0 0.583 0.0				
68	66	65	1.0 0.6 0.0	68.8 28.9 74.5 79.9 68	1.0	1.0 0.569 0.0 67.2 32.8 73.7 80.6 66	1.0	1.0 0.6 0.0	1.0 0.564 0.0 67.0 33.4 73.5 80.7 65	1.0	1.0 0.6 0.0				
70	67	66	1.0 0.616 0.0	69.6 26.8 74.8 79.5 70	1.0	1.0 0.58 0.0 67.8 31.4 74.0 80.4 67	1.0	1.0 0.617 0.0	1.0 0.577 0.0 67.6 31.8 73.9 80.5 66	1.0	1.0 0.617 0.0				
71	68	67	1.0 0.633 0.0	70.5 24.7 75.4 79.4 71	1.0	1.0 0.591 0.0 68.4 30.0 74.3 80.1 68	1.0	1.0 0.633 0.0	1.0 0.589 0.0 68.3 30.3 74.2 80.2 67	1.0	1.0 0.633 0.0				
73	69	68	1.0 0.65 0.0	71.5 22.7 76.2 79.5 73	1.0	1.0 0.602 0.0 69.0 28.6 74.6 79.9 69	1.0	1.0 0.65 0.0	1.0 0.602 0.0 68.9 28.7 74.5 79.9 68	1.0	1.0 0.65 0.0				
75	70	70	1.0 0.666 0.0	72.4 20.6 76.9 79.7 75	1.0	1.0 0.614 0.0 69.5 27.2 74.8 79.6 70	1.0	1.0 0.667 0.0	1.0 0.614 0.0 69.5 27.2 74.8 79.6 70	1.0	1.0 0.667 0.0				
76	71	71	1.0 0.683 0.0	73.4 18.5 77.6 79.8 76	1.0	1.0 0.625 0.0 70.1 25.8 75.0 79.4 71	1.0	1.0 0.683 0.0	1.0 0.626 0.0 70.2 25.6 75.1 79.4 71	1.0	1.0 0.683 0.0				
78	72	72	1.0 0.7 0.0	74.3 16.3 78.2 79.9 78	1.0	1.0 0.635 0.0 70.7 24.5 75.6 79.4 72	1.0	1.0 0.7 0.0	1.0 0.638 0.0 70.9 24.2 75.7 79.5 72	1.0	1.0 0.7 0.0				
79	73	73	1.0 0.716 0.0	75.3 14.2 78.8 80.1 79	1.0	1.0 0.646 0.0 71.3 23.3 76.1 79.5 73	1.0	1.0 0.717 0.0	1.0 0.65 0.0 71.5 22.8 76.2 79.6 73	1.0	1.0 0.717 0.0				
81	74	74	1.0 0.733 0.0	76.2 12.0 79.3 80.2 81	1.0	1.0 0.656 0.0 71.9 21.9 76.5 79.6 74	1.0	1.0 0.733 0.0	1.0 0.661 0.0 72.2 21.3 76.8 79.7 74	1.0	1.0 0.733 0.0				
82	75	75	1.0 0.75 0.0	77.2 9.8 79.7 80.4 82	1.0	1.0 0.667 0.0 72.5 20.6 77.0 79.7 75	1.0	1.0 0.75 0.0	1.0 0.673 0.0 72.8 19.8 77.3 79.8 75	1.0	1.0 0.75 0.0				

see similar files: http://130.149.60.45/~farbmetrik/QE12/QE12L0FP.PDF /.PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE12/QE12L0FP.PDF /.PS
application for measurement of display output, no separation
TUB material: code=rha4ta

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_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} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; Six hue angles of the elementary colours RYGBM_e: h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb [*] _{ds361M}	LAB [*] _{ds361Mi (x=LabCh)}	rgb [*] _{ds361Mi}	LAB [*] _{ds361Mi (x=LabCh)}	rgb [*] _{de361Mi}	LAB [*] _{de361Mi (x=LabCh)}	rgb [*] _{de361Mi}	LAB [*] _{de361Mi (x=LabCh)}	rgb [*] _{de361Mi}	LAB [*] _{de361Mi (x=LabCh)}	rgb [*] _{de361Mi}	LAB [*] _{de361Mi (x=LabCh)}
82	75	75	1.0 0.75 0.0	77.2 9.8 79.7 80.4 82	1.0 0.667 0.0	72.5 20.6 77.0 79.7 75	1.0 0.75 0.0	1.0 0.673 0.0	72.8 19.8 77.3 79.8 75	1.0 0.75 0.0	1.0 0.673 0.0	72.8 19.8 77.3 79.8 75	1.0 0.75 0.0	1.0 0.673 0.0
84	76	76	1.0 0.766 0.0	78.2 7.8 80.6 81.0 84	1.0 0.677 0.0	73.1 19.3 77.4 79.8 76	1.0 0.767 0.0	1.0 0.685 0.0	73.5 18.3 77.7 79.9 76	1.0 0.767 0.0	1.0 0.685 0.0	73.5 18.3 77.7 79.9 76	1.0 0.767 0.0	1.0 0.767 0.0
85	77	77	1.0 0.783 0.0	79.2 5.8 81.4 81.7 85	1.0 0.688 0.0	73.7 18.0 77.8 79.9 77	1.0 0.783 0.0	1.0 0.696 0.0	74.2 16.9 78.2 80.0 77	1.0 0.783 0.0	1.0 0.696 0.0	74.2 16.9 78.2 80.0 77	1.0 0.783 0.0	1.0 0.783 0.0
87	78	78	1.0 0.8 0.0	80.2 3.8 82.2 82.3 87	1.0 0.698 0.0	74.3 16.6 78.2 80.0 78	1.0 0.8 0.0	1.0 0.708 0.0	74.8 15.3 78.6 80.1 78	1.0 0.8 0.0	1.0 0.708 0.0	74.8 15.3 78.6 80.1 78	1.0 0.8 0.0	1.0 0.8 0.0
88	79	80	1.0 0.816 0.0	81.2 1.7 82.9 83.0 88	1.0 0.708 0.0	74.9 15.3 78.6 80.1 79	1.0 0.817 0.0	1.0 0.72 0.0	75.5 13.8 78.9 80.1 80	1.0 0.817 0.0	1.0 0.72 0.0	75.5 13.8 78.9 80.1 80	1.0 0.817 0.0	1.0 0.817 0.0
90	80	81	1.0 0.833 0.0	82.2 -0.3 83.6 83.6 90	1.0 0.719 0.0	75.5 13.9 78.9 80.1 80	1.0 0.833 0.0	1.0 0.731 0.0	76.2 12.3 79.3 80.2 81	1.0 0.833 0.0	1.0 0.731 0.0	76.2 12.3 79.3 80.2 81	1.0 0.833 0.0	1.0 0.833 0.0
91	81	82	1.0 0.85 0.0	83.3 -2.5 84.2 84.3 91	1.0 0.729 0.0	76.1 12.6 79.2 80.2 81	1.0 0.85 0.0	1.0 0.743 0.0	76.8 10.8 79.6 80.3 82	1.0 0.85 0.0	1.0 0.743 0.0	76.8 10.8 79.6 80.3 82	1.0 0.85 0.0	1.0 0.85 0.0
93	82	83	1.0 0.866 0.0	84.3 -4.6 84.8 84.9 93	1.0 0.74 0.0	76.7 11.2 79.5 80.3 82	1.0 0.867 0.0	1.0 0.755 0.0	77.5 9.3 80.1 80.6 83	1.0 0.867 0.0	1.0 0.755 0.0	77.5 9.3 80.1 80.6 83	1.0 0.867 0.0	1.0 0.867 0.0
94	83	84	1.0 0.883 0.0	85.3 -6.7 85.5 85.8 94	1.0 0.75 0.0	77.3 9.8 79.8 80.4 83	1.0 0.883 0.0	1.0 0.768 0.0	78.3 7.8 80.7 81.1 84	1.0 0.883 0.0	1.0 0.768 0.0	78.3 7.8 80.7 81.1 84	1.0 0.883 0.0	1.0 0.883 0.0
95	84	85	1.0 0.9 0.0	86.3 -8.5 86.4 86.8 95	1.0 0.762 0.0	78.0 8.5 80.4 80.9 84	1.0 0.9 0.0	1.0 0.78 0.0	79.1 6.2 81.4 81.6 85	1.0 0.9 0.0	1.0 0.78 0.0	79.1 6.2 81.4 81.6 85	1.0 0.9 0.0	1.0 0.9 0.0
96	85	86	1.0 0.916 0.0	87.4 -10.5 87.2 87.8 96	1.0 0.773 0.0	78.7 7.1 81.0 81.3 85	1.0 0.917 0.0	1.0 0.793 0.0	79.9 4.7 82.0 82.1 86	1.0 0.917 0.0	1.0 0.793 0.0	79.9 4.7 82.0 82.1 86	1.0 0.917 0.0	1.0 0.917 0.0
98	86	87	1.0 0.933 0.0	88.4 -12.4 88.0 88.9 98	1.0 0.785 0.0	79.3 5.7 81.6 81.8 86	1.0 0.933 0.0	1.0 0.806 0.0	80.6 3.1 82.5 82.6 87	1.0 0.933 0.0	1.0 0.806 0.0	80.6 3.1 82.5 82.6 87	1.0 0.933 0.0	1.0 0.933 0.0
99	87	88	1.0 0.95 0.0	89.5 -14.4 88.7 89.9 99	1.0 0.796 0.0	80.0 4.3 82.1 82.2 87	1.0 0.95 0.0	1.0 0.819 0.0	81.4 1.5 83.1 83.1 88	1.0 0.95 0.0	1.0 0.819 0.0	81.4 1.5 83.1 83.1 88	1.0 0.95 0.0	1.0 0.95 0.0
100	88	90	1.0 0.966 0.0	90.5 -16.5 89.4 91.0 100	1.0 0.808 0.0	80.7 2.9 82.6 82.7 88	1.0 0.967 0.0	1.0 0.831 0.0	82.2 0.0 83.6 83.6 90	1.0 0.967 0.0	1.0 0.831 0.0	82.2 0.0 83.6 83.6 90	1.0 0.967 0.0	1.0 0.967 0.0
101	89	91	1.0 0.983 0.0	91.6 -18.5 90.1 92.0 101	1.0 0.819 0.0	81.4 1.5 83.1 83.1 89	1.0 0.983 0.0	1.0 0.844 0.0	83.0 -1.7 84.1 84.1 91	1.0 0.983 0.0	1.0 0.844 0.0	83.0 -1.7 84.1 84.1 91	1.0 0.983 0.0	1.0 0.983 0.0
102	90	92	1.0 1.0 0.0	92.6 -20.7 90.7 93.0 102	Y _d 1.0 0.831 0.0	82.1 0.0 83.5 83.5 90	Y _s 1.0 1.0 0.0	1.0 0.857 0.0	83.7 -3.3 84.5 84.6 92	Y _e 1.0 1.0 0.0	1.0 0.857 0.0	83.7 -3.3 84.5 84.6 92	1.0 1.0 0.0	1.0 1.0 0.0
103	91	93	0.983 1.0 0.0	92.3 -22.3 90.5 93.2 103	1.0 0.842 0.0	82.8 -1.4 84.0 84.0 91	0.983 1.0 0.0	1.0 0.87 0.0	84.5 -5.1 84.9 85.1 93	0.983 1.0 0.0	1.0 0.87 0.0	84.5 -5.1 84.9 85.1 93	0.983 1.0 0.0	0.983 1.0 0.0
104	92	94	0.966 1.0 0.0	92.0 -24.0 90.2 93.3 104	1.0 0.853 0.0	83.5 -2.8 84.4 84.4 92	0.967 1.0 0.0	1.0 0.886 0.0	85.5 -6.9 85.7 85.9 94	0.967 1.0 0.0	1.0 0.886 0.0	85.5 -6.9 85.7 85.9 94	0.967 1.0 0.0	0.967 1.0 0.0
105	93	95	0.95 1.0 0.0	91.7 -25.6 89.9 93.5 105	1.0 0.865 0.0	84.2 -4.3 84.8 84.9 93	0.95 1.0 0.0	1.0 0.902 0.0	86.5 -8.7 86.5 87.0 95	0.95 1.0 0.0	1.0 0.902 0.0	86.5 -8.7 86.5 87.0 95	0.95 1.0 0.0	0.95 1.0 0.0
106	94	96	0.933 1.0 0.0	91.4 -27.3 89.5 93.6 106	1.0 0.877 0.0	84.9 -5.9 85.2 85.4 94	0.933 1.0 0.0	1.0 0.918 0.0	87.5 -10.6 87.3 88.0 96	0.933 1.0 0.0	1.0 0.918 0.0	87.5 -10.6 87.3 88.0 96	0.933 1.0 0.0	0.933 1.0 0.0
108	95	98	0.916 1.0 0.0	91.1 -28.9 89.1 93.7 108	1.0 0.891 0.0	85.8 -7.4 85.9 86.3 95	0.917 1.0 0.0	1.0 0.934 0.0	88.5 -12.5 88.1 89.0 98	0.917 1.0 0.0	1.0 0.934 0.0	88.5 -12.5 88.1 89.0 98	0.917 1.0 0.0	0.917 1.0 0.0
109	96	99	0.9 1.0 0.0	90.8 -30.6 88.7 93.9 109	1.0 0.904 0.0	86.7 -9.0 86.6 87.1 96	0.9 1.0 0.0	1.0 0.951 0.0	89.6 -14.4 88.8 90.0 99	0.9 1.0 0.0	1.0 0.951 0.0	89.6 -14.4 88.8 90.0 99	0.9 1.0 0.0	0.9 1.0 0.0
110	97	100	0.883 1.0 0.0	90.5 -32.2 88.3 94.0 110	1.0 0.918 0.0	87.5 -10.6 87.3 88.0 97	0.883 1.0 0.0	1.0 0.967 0.0	90.6 -16.4 89.5 91.0 100	0.883 1.0 0.0	1.0 0.967 0.0	90.6 -16.4 89.5 91.0 100	0.883 1.0 0.0	0.883 1.0 0.0
111	98	101	0.866 1.0 0.0	90.3 -33.8 88.0 94.3 111	1.0 0.932 0.0	88.4 -12.3 88.0 88.9 98	0.867 1.0 0.0	1.0 0.983 0.0	91.6 -18.5 90.1 92.0 101	0.867 1.0 0.0	1.0 0.983 0.0	91.6 -18.5 90.1 92.0 101	0.867 1.0 0.0	0.867 1.0 0.0
111	99	102	0.85 1.0 0.0	90.0 -35.4 87.7 94.6 111	1.0 0.946 0.0	89.3 -13.9 88.6 89.7 99	0.85 1.0 0.0	1.0 0.999 0.0	92.6 -20.5 90.7 93.0 102	0.85 1.0 0.0	1.0 0.999 0.0	92.6 -20.5 90.7 93.0 102	0.85 1.0 0.0	0.85 1.0 0.0
112	100	103	0.833 1.0 0.0	89.8 -37.0 87.5 95.0 112	1.0 0.96 0.0	90.2 -15.6 89.2 90.6 100	0.833 1.0 0.0	0.982 1.0 0.0	92.3 -22.4 90.5 93.2 103	0.833 1.0 0.0	0.982 1.0 0.0	92.3 -22.4 90.5 93.2 103	0.833 1.0 0.0	0.833 1.0 0.0
113	101	105	0.816 1.0 0.0	89.5 -38.6 87.2 95.4 113	1.0 0.974 0.0	91.0 -17.4 89.8 91.5 101	0.817 1.0 0.0	0.963 1.0 0.0	92.0 -24.3 90.2 93.4 105	0.817 1.0 0.0	0.963 1.0 0.0	92.0 -24.3 90.2 93.4 105	0.817 1.0 0.0	0.817 1.0 0.0
114	102	106	0.8 1.0 0.0	89.3 -40.1 86.9 95.7 114	1.0 0.988 0.0	91.9 -19.1 90.3 92.3 102	0.8 1.0 0.0	0.944 1.0 0.0	91.7 -26.1 89.8 93.6 106	0.8 1.0 0.0	0.944 1.0 0.0	91.7 -26.1 89.8 93.6 106	0.8 1.0 0.0	0.8 1.0 0.0
115	103	107	0.783 1.0 0.0	89.0 -41.7 86.6 96.1 115	0.998 1.0 0.0	92.6 -20.8 90.7 93.1 103	0.783 1.0 0.0	0.926 1.0 0.0	91.3 -28.0 89.4 93.7 107	0.783 1.0 0.0	0.926 1.0 0.0	91.3 -28.0 89.4 93.7 107	0.783 1.0 0.0	0.783 1.0 0.0
116	104	108	0.766 1.0 0.0	88.7 -43.3 86.2 96.5 116	0.981 1.0 0.0	92.3 -22.5 90.5 93.2 104	0.767 1.0 0.0	0.907 1.0 0.0	91.0 -29.9 89.0 93.9 108	0.767 1.0 0.0	0.907 1.0 0.0	91.0 -29.9 89.0 93.9 108	0.767 1.0 0.0	0.767 1.0 0.0
117	105	109	0.75 1.0 0.0	88.5 -44.9 85.8 96.8 117	0.965 1.0 0.0	92.0 -24.1 90.2 93.4 105	0.75 1.0 0.0	0.888 1.0 0.0	90.7 -31.7 88.5 94.0 109	0.75 1.0 0.0	0.888 1.0 0.0	90.7 -31.7 88.5 94.0 109	0.75 1.0 0.0	0.75 1.0 0.0
118	106	110	0.733 1.0 0.0	88.3 -46.3 85.6 97.4 118	0.949 1.0 0.0	91.8 -25.7 89.9 93.5 106	0.733 1.0 0.0	0.868 1.0 0.0	90.3 -33.6 88.0 94.3 110	0.733 1.0 0.0	0.868 1.0 0.0	90.3 -33.6 88.0 94.3 110	0.733 1.0 0.0	0.733 1.0 0.0
119	107	112	0.716 1.0 0.0	88.1 -47.8 85.4 97.9 119	0.933 1.0 0.0	91.5 -27.3 89.6 93.6 107	0.717 1.0 0.0	0.848 1.0 0.0	90.0 -35.6 87.8 94.7 112	0.717 1.0 0.0	0.848 1.0 0.0	90.0 -35.6 87.8 94.7 112	0.717 1.0 0.0	0.717 1.0 0.0
120	108	113	0.7 1.0 0.0	87.9 -49.2 85.2 98.4 120	0.917 1.0 0.0	91.2 -28.9 89.2 93.8 108	0.7 1.0 0.0	0.827 1.0 0.0	89.7 -37.5 87.4 95.2 113	0.7 1.0 0.0	0.827 1.0 0.0	89.7 -37.5 87.4 95.2 113	0.7 1.0 0.0	0.7 1.0 0.0
120	109	114	0.683 1.0 0.0	87.6 -50.7 84.9 98.9 120	0.901 1.0 0.0	90.9 -30.5 88.8 93.9 109	0.683 1.0 0.0	0.806 1.0 0.0	89.4 -39.5 87.1 95.7 114	0.683 1.0 0.0	0.806 1.0 0.0	89.4 -39.5 87.1 95.7 114	0.683 1.0 0.0	0.683 1.0 0.0
121	110	115	0.666 1.0 0.0	87.4 -52.1 84.7 99.4 121	0.884 1.0 0.0	90.6 -32.1 88.4 94.1 110	0.667 1.0 0.0	0.786 1.0 0.0	89.1 -41.5 86.7 96.1 115	0.667 1.0 0.0	0.786 1.0 0.0	89.1 -41.5 86.7 96.1 115	0.667 1.0 0.0	0.667 1.0 0.0
122	111	116	0.65 1.0 0.0	87.2 -53.6 84.4 100.0 122	0.868 1.0 0.0	90.3 -33.7 88.0 94.3 111	0.65 1.0 0.0	0.765 1.0 0.0	88.8 -43.4 86.2 96.6 116	0.65 1.0 0.0	0.765 1.0 0.0	88.8 -43.4 86.2 96.6 116	0.65 1.0 0.0	0.65 1.0 0.0
123	112	117	0.633 1.0 0.0	87.0 -55.0 84.1 100.5 123	0.85 1.0 0.0	90.1 -35.4 87.8 94.7 112	0.633 1.0 0.0	0.743 1.0 0.0	88.5 -45.4 85.8 97.1 117	0.633 1.0 0.0	0.743 1.0 0.0	88.5 -45.4 85.8 97.1 117	0.633 1.0 0.0	0.633 1.0 0.0
123	113	119	0.616 1.0 0.0	86.8 -56.4 83.8 101.0 123	0.832 1.0 0.0	89.8 -37.1 87.5 95.1 113	0.617 1.0 0.0	0.719 1.0 0.0	88.2 -47.5 85.5 97.9 119	0.617 1.0 0.0	0.719 1.0 0.0	88.2 -47.5 85.5 97.9 119	0.617 1.0 0.0	0.617 1.0 0.0
124	114	120	0.6 1.0 0.0	86.7 -57.6 83.7 101.6 124	0.814 1.0 0.0	89.5 -38.7 87.2 95.5 114	0.6 1.0 0.0	0.695 1.0 0.0	87.8 -49.6 85.2 98.6 120	0.6 1.0 0.0	0.695 1.0 0.0	87.8 -49.6 85.2 98.6 120	0.6 1.0 0.0	0.6 1.0 0.0
125	115	121	0.583 1.0 0.0	86.5 -58.9 83.5 102.2 125	0.797 1.0 0.0	89.3 -40.4 86.9 95.9 115	0.583 1.0 0.0	0.67 1.0 0.0	87.5 -51.7 84.8 99.4 121	0.583 1.0 0.0	0.67 1.0 0.0	87.5 -51.7 84.8 99.4 121	0.583 1.0 0.0	0.583 1.0 0.0
125	116	122	0.566 1.0 0.0	86.3 -60.1 83.3 102.8 125	0.779 1.0 0.0	89.0 -42.1 86.5 96.3 116	0.567 1.0 0.0	0.646 1.0 0.0	87.2 -53.9 84.4 100.1 122	0				

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_s; h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours RYGBM_d; h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; Six hue angles of the elementary colours RYGBM_e; h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

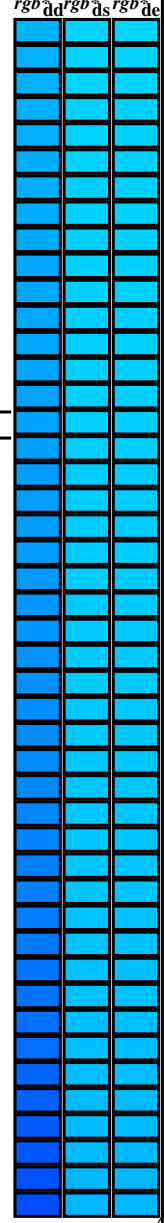
h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* _{ds} 361M	LAB* _{ds} 361Mi (x=LabCh)	rgb* _{ds} 361Mi	LAB* _{ds} 361Mi (x=LabCh)	rgb* _{de} 361Mi	LAB* _{de} 361Mi (x=LabCh)	rgb* _{de} 361Mi	LAB* _{de} 361Mi (x=LabCh)	rgb* _{de} 361Mi	LAB* _{de} 361Mi (x=LabCh)																							
128	120	127	0.5	1.0	0.0	85.7	-65.2	82.4	105.1	128	0.7	1.0	0.0	87.9	-49.1	85.3	98.4	120	0.5	1.0	0.0	0.529	1.0	0.0	86.0	-62.9	82.9	104.1	127	0.5	1.0	0.0			
128	121	128	0.483	1.0	0.0	85.5	-66.2	82.3	105.6	128	0.68	1.0	0.0	87.7	-50.9	84.9	99.1	121	0.483	1.0	0.0	0.498	1.0	0.0	85.7	-65.3	82.4	105.2	128	0.483	1.0	0.0			
129	122	129	0.466	1.0	0.0	85.4	-67.2	82.1	106.1	129	0.659	1.0	0.0	87.4	-52.8	84.6	99.7	122	0.466	1.0	0.0	0.456	1.0	0.0	85.4	-67.8	82.1	106.5	129	0.466	1.0	0.0			
129	123	130	0.45	1.0	0.0	85.3	-68.2	82.0	106.7	129	0.638	1.0	0.0	87.1	-54.6	84.2	100.4	123	0.45	1.0	0.0	0.414	1.0	0.0	85.1	-70.3	81.7	107.9	130	0.45	1.0	0.0			
130	124	131	0.433	1.0	0.0	85.2	-69.2	81.8	107.2	130	0.615	1.0	0.0	86.9	-56.5	83.9	101.1	124	0.433	1.0	0.0	0.372	1.0	0.0	84.7	-72.9	81.3	109.2	131	0.433	1.0	0.0			
130	125	133	0.416	1.0	0.0	85.0	-70.2	81.7	107.8	130	0.589	1.0	0.0	86.6	-58.4	83.6	102.1	125	0.417	1.0	0.0	0.309	1.0	0.0	84.4	-75.6	80.9	110.8	133	0.417	1.0	0.0			
131	126	134	0.4	1.0	0.0	84.9	-71.3	81.5	108.3	131	0.562	1.0	0.0	86.3	-60.4	83.3	103.0	126	0.4	1.0	0.0	0.244	1.0	0.0	84.1	-78.3	80.5	112.4	134	0.4	1.0	0.0			
131	127	135	0.383	1.0	0.0	84.8	-72.3	81.3	108.8	131	0.536	1.0	0.0	86.1	-62.4	83.0	103.9	127	0.383	1.0	0.0	0.132	1.0	0.0	83.8	-81.2	80.1	114.1	135	0.383	1.0	0.0			
132	128	136	0.366	1.0	0.0	84.7	-73.2	81.2	109.3	132	0.51	1.0	0.0	85.8	-64.4	82.6	104.8	128	0.367	1.0	0.0	0.0	1.0	0.073	83.7	-82.3	78.0	113.5	136	0.367	1.0	0.0			
132	129	137	0.35	1.0	0.0	84.6	-73.9	81.1	109.7	132	0.477	1.0	0.0	85.5	-66.5	82.3	105.8	129	0.35	1.0	0.0	0.0	1.0	0.165	83.7	-81.6	74.2	110.4	137	0.35	1.0	0.0			
132	130	138	0.333	1.0	0.0	84.5	-74.6	81.0	110.1	132	0.442	1.0	0.0	85.3	-68.7	82.0	107.0	130	0.333	1.0	0.0	0.0	1.0	0.227	83.8	-80.8	70.5	107.3	138	0.333	1.0	0.0			
132	131	140	0.316	1.0	0.0	84.4	-75.3	80.9	110.6	132	0.406	1.0	0.0	85.0	-70.9	81.6	108.1	131	0.317	1.0	0.0	0.0	1.0	0.273	83.8	-80.0	67.0	104.5	140	0.317	1.0	0.0			
133	132	141	0.3	1.0	0.0	84.3	-76.0	80.8	111.0	133	0.368	1.0	0.0	84.7	-73.1	81.2	109.3	132	0.3	1.0	0.0	0.0	1.0	0.311	83.9	-79.3	63.7	101.8	141	0.3	1.0	0.0			
133	133	142	0.283	1.0	0.0	84.2	-76.8	80.7	111.4	133	0.314	1.0	0.0	84.5	-75.4	80.9	110.7	133	0.283	1.0	0.0	0.0	1.0	0.349	84.0	-78.4	60.4	99.0	142	0.283	1.0	0.0			
133	134	143	0.266	1.0	0.0	84.2	-77.5	80.6	111.8	133	0.261	1.0	0.0	84.2	-77.7	80.6	112.0	134	0.267	1.0	0.0	0.0	1.0	0.383	84.0	-77.5	57.3	96.4	143	0.267	1.0	0.0			
134	135	144	0.25	1.0	0.0	84.1	-78.2	80.5	112.2	134	0.173	1.0	0.0	83.9	-80.2	80.3	113.5	135	0.25	1.0	0.0	0.0	1.0	0.41	84.1	-76.8	54.3	94.1	144	0.25	1.0	0.0			
134	136	145	0.233	1.0	0.0	84.0	-78.7	80.4	112.5	134	0.004	1.0	0.0	83.6	-82.6	79.9	115.0	136	0.233	1.0	0.0	0.0	1.0	0.437	84.2	-75.9	51.5	91.8	145	0.233	1.0	0.0			
134	137	147	0.216	1.0	0.0	84.0	-79.1	80.4	112.8	134	0.0	1.0	0.125	83.7	-82.1	76.6	112.3	137	0.217	1.0	0.0	0.0	1.0	0.464	84.2	-75.0	48.7	89.5	147	0.217	1.0	0.0			
134	138	148	0.2	1.0	0.0	83.9	-79.5	80.3	113.0	134	0.0	1.0	0.178	83.7	-81.4	73.4	109.7	138	0.2	1.0	0.0	0.0	1.0	0.491	84.3	-74.1	45.9	87.2	148	0.2	1.0	0.0			
134	139	149	0.183	1.0	0.0	83.9	-79.9	80.2	113.3	134	0.0	1.0	0.231	83.8	-80.7	70.3	107.1	139	0.183	1.0	0.0	0.0	1.0	0.513	84.4	-73.3	43.4	85.2	149	0.183	1.0	0.0			
135	140	150	0.166	1.0	0.0	83.8	-80.4	80.2	113.5	135	0.0	1.0	0.271	83.8	-80.1	67.3	104.7	140	0.167	1.0	0.0	0.0	1.0	0.533	84.5	-72.5	41.0	83.4	150	0.167	1.0	0.0			
135	141	151	0.15	1.0	0.0	83.8	-80.8	80.1	113.8	135	0.0	1.0	0.303	83.9	-79.4	64.4	102.3	141	0.15	1.0	0.0	0.0	1.0	0.553	84.5	-71.7	38.6	81.6	151	0.15	1.0	0.0			
135	142	152	0.133	1.0	0.0	83.7	-81.2	80.1	114.1	135	0.0	1.0	0.335	83.9	-78.7	61.6	100.0	142	0.133	1.0	0.0	0.0	1.0	0.573	84.6	-70.9	36.3	79.8	152	0.133	1.0	0.0			
135	143	154	0.116	1.0	0.0	83.7	-81.5	80.0	114.2	135	0.0	1.0	0.368	84.0	-77.9	58.8	97.7	143	0.117	1.0	0.0	0.0	1.0	0.593	84.7	-70.0	34.1	77.9	154	0.117	1.0	0.0			
135	144	155	0.1	1.0	0.0	83.7	-81.7	80.0	114.4	135	0.0	1.0	0.393	84.1	-77.3	56.2	95.6	144	0.1	1.0	0.0	0.0	1.0	0.614	84.7	-69.0	31.9	76.1	155	0.1	1.0	0.0			
135	145	156	0.083	1.0	0.0	83.7	-81.9	80.0	114.5	135	0.0	1.0	0.416	84.1	-76.6	53.7	93.6	145	0.083	1.0	0.0	0.0	1.0	0.631	84.8	-68.2	29.8	74.5	156	0.083	1.0	0.0			
135	146	157	0.066	1.0	0.0	83.7	-82.0	79.9	114.6	135	0.0	1.0	0.439	84.2	-75.9	51.3	91.7	146	0.067	1.0	0.0	0.0	1.0	0.646	84.9	-67.5	27.9	73.2	157	0.067	1.0	0.0			
135	147	158	0.049	1.0	0.0	83.6	-82.2	79.9	114.7	135	0.0	1.0	0.462	84.2	-75.1	48.8	89.7	147	0.05	1.0	0.0	0.0	1.0	0.661	85.0	-66.9	26.1	71.9	158	0.05	1.0	0.0			
135	148	159	0.033	1.0	0.0	83.6	-82.4	79.9	114.8	135	0.0	1.0	0.485	84.3	-74.3	46.5	87.7	148	0.033	1.0	0.0	0.0	1.0	0.676	85.0	-66.2	24.3	70.6	159	0.033	1.0	0.0			
135	149	161	0.016	1.0	0.0	83.6	-82.6	79.9	114.9	135	0.0	1.0	0.506	84.4	-73.5	44.2	85.9	149	0.017	1.0	0.0	0.0	1.0	0.691	85.1	-65.4	22.5	69.2	161	0.017	1.0	0.0			
136	150	162	0.0	1.0	0.0	83.6	-82.7	79.8	115.0	136	G _d	0.0	1.0	0.523	84.4	-72.9	42.1	84.3	150	G _s	0.0	1.0	0.0	0.0	1.0	0.706	85.2	-64.6	20.7	67.9	162	G _e	0.0	1.0	0.0
136	151	163	0.0	1.0	0.016	83.6	-82.7	79.4	114.6	136	0.0	1.0	0.541	84.5	-72.3	40.1	82.7	151	0.0	1.0	0.017	0.0	1.0	0.718	85.2	-63.9	19.4	66.9	163	0.0	1.0	0.017			
136	152	164	0.0	1.0	0.033	83.6	-82.6	79.0	114.3	136	0.0	1.0	0.558	84.5	-71.6	38.1	81.2	152	0.0	1.0	0.033	0.0	1.0	0.73	85.3	-63.2	18.1	65.9	164	0.0	1.0	0.033			
136	153	164	0.0	1.0	0.05	83.6	-82.5	78.5	113.9	136	0.0	1.0	0.575	84.6	-70.8	36.1	79.6	153	0.0	1.0	0.05	0.0	1.0	0.741	85.3	-62.5	16.8	64.8	164	0.0	1.0	0.05			
136	154	165	0.0	1.0	0.066	83.6	-82.4	78.1	113.5	136	0.0	1.0	0.592	84.7	-70.0	34.2	78.0	154	0.0	1.0	0.067	0.0	1.0	0.752	85.4	-61.9	15.6	63.9	165	0.0	1.0	0.067			
136	155	166	0.0	1.0	0.083	83.6	-82.3	77.6	113.2	136	0.0	1.0	0.61	84.7	-69.2	32.3	76.5	155	0.0	1.0	0.083	0.0	1.0	0.761	85.4	-61.5	14.5	63.2	166	0.0	1.0	0.083			
136	156	167	0.0	1.0	0.1	83.6	-82.2	77.2	112.8	136	0.0	1.0	0.629	84.8	-68.4	30.5	74.9	156	0.0	1.0	0.1	0.0	1.0	0.77	85.5	-61.1	13.3	62.6	167	0.0	1.0	0.1			
136	157	168	0.0	1.0	0.116	83.6	-82.1	76.8	112.5	136	0.0	1.0	0.639	84.9	-67.8	28.8	73.8	157	0.0	1.0	0.117	0.0	1.0	0.778	85.5	-60.6	12.2	61.9	168	0.0	1.0	0.117			
137	158	169	0.0	1.0	0.133	83.6	-82.0	76.0	111.9	137	0.0	1.0	0.652	84.9	-67.3	27.2	72.7	158	0.0	1.0	0.133	0.0	1.0	0.787	85.6	-60.2	11.1	61.3	169	0.0	1.0	0.133			
137	159	170	0.0	1.0	0.15	83.7	-81.8	75.0	111.0	137	0.0	1.0	0.665	85.0	-66.7	25.6	71.6	159	0.0	1.0	0.15	0.0	1.0	0.795	85.6	-59.7	10.1	60.6	170	0.0	1.0				

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_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} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; Six hue angles of the elementary colours RYGBM_e: h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* _{dd361M}	LAB* _{dd361Mi (x=LabCh)}	rgb* _{ds361Mi}	LAB* _{dsx361Mi (x=LabCh)}	rgb* _{de361Mi}	LAB* _{dex361Mi (x=LabCh)}	rgb* _{dd361Mi}	rgb* _{ds361Mi}	rgb* _{de361Mi}																											
196	210	216	0.0	1.0	1.0	86.8	-46.1	-13.5	48.1	196	C _d	0.0	0.927	1.0	81.7	-38.6	-22.2	44.7	210	C _s	0.0	1.0	1.0	0.0	0.89	1.0	79.1	-34.2	-25.7	42.9	216	C _e	0.0	1.0	1.0	0.0	0.983	1.0
199	211	217	0.0	0.983	1.0	85.6	-44.6	-15.8	47.3	199		0.0	0.922	1.0	81.3	-38.0	-22.8	44.4	211		0.0	0.983	1.0	0.0	0.885	1.0	78.7	-33.6	-26.1	42.7	217		0.0	0.983	1.0			
202	212	218	0.0	0.966	1.0	84.5	-42.9	-17.9	46.5	202		0.0	0.917	1.0	81.0	-37.3	-23.3	44.2	212		0.0	0.967	1.0	0.0	0.881	1.0	78.4	-33.0	-26.5	42.4	218		0.0	0.967	1.0			
205	213	219	0.0	0.95	1.0	83.3	-41.1	-19.8	45.7	205		0.0	0.911	1.0	80.6	-36.7	-23.8	43.9	213		0.0	0.95	1.0	0.0	0.876	1.0	78.0	-32.3	-26.9	42.2	219		0.0	0.95	1.0			
208	214	220	0.0	0.933	1.0	82.1	-39.3	-21.7	44.9	208		0.0	0.906	1.0	80.2	-36.1	-24.3	43.6	214		0.0	0.933	1.0	0.0	0.871	1.0	77.7	-31.9	-27.4	42.2	220		0.0	0.933	1.0			
212	215	221	0.0	0.916	1.0	80.9	-37.4	-23.4	44.1	212		0.0	0.901	1.0	79.8	-35.4	-24.8	43.4	215		0.0	0.917	1.0	0.0	0.867	1.0	77.4	-31.5	-27.9	42.3	221		0.0	0.917	1.0			
215	216	222	0.0	0.9	1.0	79.7	-35.4	-24.9	43.3	215		0.0	0.895	1.0	79.5	-34.8	-25.3	43.1	216		0.0	0.9	1.0	0.0	0.863	1.0	77.2	-31.1	-28.5	42.3	222		0.0	0.9	1.0			
218	217	223	0.0	0.883	1.0	78.5	-33.4	-26.3	42.5	218		0.0	0.89	1.0	79.1	-34.1	-25.7	42.9	217		0.0	0.883	1.0	0.0	0.859	1.0	76.9	-30.7	-29.0	42.4	223		0.0	0.883	1.0			
221	218	224	0.0	0.866	1.0	77.4	-31.5	-28.1	42.2	221		0.0	0.885	1.0	78.7	-33.5	-26.1	42.6	218		0.0	0.867	1.0	0.0	0.855	1.0	76.6	-30.3	-29.6	42.5	224		0.0	0.867	1.0			
225	219	225	0.0	0.85	1.0	76.2	-29.9	-30.2	42.5	225		0.0	0.879	1.0	78.3	-32.8	-26.6	42.4	219		0.0	0.85	1.0	0.0	0.851	1.0	76.3	-29.9	-30.1	42.6	225		0.0	0.85	1.0			
228	220	226	0.0	0.833	1.0	75.0	-28.1	-32.3	42.8	228		0.0	0.874	1.0	77.9	-32.2	-27.0	42.2	220		0.0	0.833	1.0	0.0	0.846	1.0	76.0	-29.4	-30.6	42.6	226		0.0	0.833	1.0			
232	221	227	0.0	0.816	1.0	73.8	-26.1	-34.2	43.1	232		0.0	0.87	1.0	77.6	-31.8	-27.6	42.2	221		0.0	0.817	1.0	0.0	0.842	1.0	75.7	-29.0	-31.1	42.7	227		0.0	0.817	1.0			
236	222	227	0.0	0.8	1.0	72.6	-24.0	-36.0	43.3	236		0.0	0.865	1.0	77.3	-31.3	-28.2	42.3	222		0.0	0.8	1.0	0.0	0.838	1.0	75.4	-28.5	-31.6	42.8	227		0.0	0.8	1.0			
239	223	228	0.0	0.783	1.0	71.4	-21.8	-37.7	43.6	239		0.0	0.861	1.0	77.0	-30.9	-28.8	42.4	223		0.0	0.783	1.0	0.0	0.834	1.0	75.1	-28.1	-32.1	42.8	228		0.0	0.783	1.0			
243	224	229	0.0	0.766	1.0	70.2	-19.5	-39.3	43.9	243		0.0	0.856	1.0	76.7	-30.4	-29.4	42.5	224		0.0	0.767	1.0	0.0	0.83	1.0	74.8	-27.6	-32.6	42.9	229		0.0	0.767	1.0			
247	225	230	0.0	0.75	1.0	69.1	-17.0	-40.7	44.1	247		0.0	0.851	1.0	76.3	-30.0	-30.0	42.5	225		0.0	0.75	1.0	0.0	0.826	1.0	74.5	-27.1	-33.1	43.0	230		0.0	0.75	1.0			
250	226	231	0.0	0.733	1.0	67.9	-15.3	-42.9	45.5	250		0.0	0.847	1.0	76.0	-29.5	-30.6	42.6	226		0.0	0.733	1.0	0.0	0.821	1.0	74.2	-26.6	-33.6	43.0	231		0.0	0.733	1.0			
253	227	232	0.0	0.716	1.0	66.7	-13.5	-44.9	46.9	253		0.0	0.842	1.0	75.7	-29.0	-31.1	42.7	227		0.0	0.717	1.0	0.0	0.817	1.0	73.9	-26.1	-34.1	43.1	232		0.0	0.717	1.0			
256	228	233	0.0	0.7	1.0	65.5	-11.4	-46.9	48.3	256		0.0	0.838	1.0	75.4	-28.5	-31.7	42.8	228		0.0	0.7	1.0	0.0	0.813	1.0	73.6	-25.6	-34.6	43.2	233		0.0	0.7	1.0			
259	229	234	0.0	0.683	1.0	64.4	-9.2	-48.8	49.7	259		0.0	0.833	1.0	75.0	-28.0	-32.2	42.8	229		0.0	0.683	1.0	0.0	0.809	1.0	73.3	-25.1	-35.0	43.2	234		0.0	0.683	1.0			
262	230	235	0.0	0.666	1.0	63.2	-6.8	-50.6	51.1	262		0.0	0.829	1.0	74.7	-27.5	-32.8	42.9	230		0.0	0.667	1.0	0.0	0.805	1.0	73.0	-24.6	-35.5	43.3	235		0.0	0.667	1.0			
265	231	236	0.0	0.65	1.0	62.0	-4.2	-52.3	52.5	265		0.0	0.824	1.0	74.4	-26.9	-33.3	43.0	231		0.0	0.65	1.0	0.0	0.801	1.0	72.7	-24.1	-35.9	43.4	236		0.0	0.65	1.0			
268	232	237	0.0	0.633	1.0	60.9	-1.5	-53.9	53.9	268		0.0	0.82	1.0	74.1	-26.4	-33.8	43.1	232		0.0	0.633	1.0	0.0	0.797	1.0	72.4	-23.5	-36.3	43.4	237		0.0	0.633	1.0			
270	233	237	0.0	0.616	1.0	59.7	0.8	-55.6	55.7	270		0.0	0.815	1.0	73.7	-25.9	-34.3	43.1	233		0.0	0.617	1.0	0.0	0.792	1.0	72.1	-23.0	-36.8	43.5	237		0.0	0.617	1.0			
272	234	238	0.0	0.6	1.0	58.6	2.9	-57.7	57.8	272		0.0	0.81	1.0	73.4	-25.3	-34.9	43.2	234		0.0	0.6	1.0	0.0	0.788	1.0	71.8	-22.4	-37.2	43.6	238		0.0	0.6	1.0			
274	235	239	0.0	0.583	1.0	57.4	5.1	-59.7	59.9	274		0.0	0.806	1.0	73.1	-24.7	-35.4	43.3	235		0.0	0.583	1.0	0.0	0.784	1.0	71.5	-21.8	-37.6	43.6	239		0.0	0.583	1.0			
276	236	240	0.0	0.566	1.0	56.3	7.4	-61.6	62.1	276		0.0	0.801	1.0	72.8	-24.1	-35.8	43.4	236		0.0	0.567	1.0	0.0	0.78	1.0	71.2	-21.3	-38.0	43.7	240		0.0	0.567	1.0			
278	237	241	0.0	0.55	1.0	55.2	10.0	-63.5	64.2	278		0.0	0.797	1.0	72.4	-23.6	-36.3	43.4	237		0.0	0.55	1.0	0.0	0.776	1.0	70.9	-20.7	-38.4	43.8	241		0.0	0.55	1.0			
280	238	242	0.0	0.533	1.0	54.0	12.6	-65.2	66.4	280		0.0	0.792	1.0	72.1	-23.0	-36.8	43.5	238		0.0	0.533	1.0	0.0	0.772	1.0	70.6	-20.1	-38.8	43.8	242		0.0	0.533	1.0			
283	239	243	0.0	0.516	1.0	52.9	15.4	-66.8	68.5	283		0.0	0.788	1.0	71.8	-22.3	-37.2	43.6	239		0.0	0.517	1.0	0.0	0.767	1.0	70.3	-19.5	-39.2	43.9	243		0.0	0.517	1.0			
285	240	244	0.0	0.5	1.0	51.7	18.3	-68.3	70.7	285		0.0	0.783	1.0	71.5	-21.7	-37.7	43.6	240		0.0	0.5	1.0	0.0	0.763	1.0	70.1	-18.9	-39.5	44.0	244		0.0	0.5	1.0			
286	241	245	0.0	0.483	1.0	50.7	20.6	-70.2	73.2	286		0.0	0.779	1.0	71.1	-21.1	-38.1	43.7	241		0.0	0.483	1.0	0.0	0.759	1.0	69.8	-18.3	-39.9	44.0	245		0.0	0.483	1.0			
287	242	246	0.0	0.466	1.0	49.6	22.9	-72.1	75.7	287		0.0	0.774	1.0	70.8	-20.5	-38.6	43.8	242		0.0	0.467	1.0	0.0	0.755	1.0	69.5	-17.7	-40.2	44.1	246		0.0	0.467	1.0			
288	243	247	0.0	0.45	1.0	48.6	25.4	-74.0	78.2	288		0.0	0.769	1.0	70.5	-19.8	-39.0	43.9	243		0.0	0.45	1.0	0.0	0.751	1.0	69.2	-17.1	-40.6	44.2	247		0.0	0.45	1.0			
290	244	248	0.0	0.433	1.0	47.5	28.0	-75.7	80.7	290		0.0	0.765	1.0	70.2	-19.2	-39.4	43.9	244		0.0	0.433	1.0	0.0	0.746	1.0	68.8	-16.6	-41.2	44.5	248		0.0	0.433	1.0			
291	245	248	0.0	0.416	1.0	46.5	30.6	-77.4	83.2	291		0.0	0.76	1.0	69.8	-18.5	-39.8	44.0	245		0.0	0.417	1.0	0.0	0.741	1.0	68.5	-16.1	-41.8	45.0	248		0.0	0.417	1.0			
292	246	249	0.0	0.4	1.0	45.4	33.3	-79.0	85.7	292		0.0	0.756	1.0	69.5	-17.8	-40.2	44.1	246		0.0	0.4	1.0	0.0	0.736	1.0	68.1	-15.5	-42.5	45.4	249		0.0	0.4	1.0			
294	247	250	0.0	0.383	1.0	44.3	36.2	-80.5	88.2	294		0.0	0.751	1.0	69.2	-17.2	-40.6	44.2	247		0.0	0.383	1.0	0.0	0.731	1.0	67.8	-15.0	-43.1	45.8	250		0.0	0.383	1.0			
295	248	251	0.0	0.366	1.0	43.4	38.7	-82.0	90.7	295		0.0	0.746	1.0	68.8	-16.6	-41.2	44.5	248		0.0	0.367	1.0	0.0	0.726</													

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_s; h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours RYGBM_d; h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; Six hue angles of the elementary colours RYGBM_e; h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

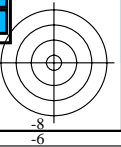
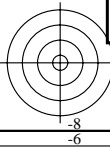
h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb [*] _{dd361M}	LAB [*] _{ddx361Mi (x=LabCh)}	rgb [*] _{ds361Mi}	LAB [*] _{dsx361Mi (x=LabCh)}	rgb [*] _{de361Mi}	LAB [*] _{dex361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	rgb [*] _{de361Mi}	rgb [*] _{ds361Mi}	rgb [*] _{de361Mi}
301	255	258	0.0 0.25 1.0	37.1 55.9 -92.3 107.9 301	0.0 0.707 1.0	66.1 -12.3 -46.0 47.8 255	0.0 0.25 1.0	0.0 0.69 1.0	64.9 -10.1 -48.0 49.2 258	0.0 0.25 1.0		
301	256	258	0.0 0.233 1.0	36.5 57.6 -93.4 109.7 301	0.0 0.702 1.0	65.7 -11.6 -46.7 48.2 256	0.0 0.233 1.0	0.0 0.685 1.0	64.6 -9.4 -48.6 49.6 258	0.0 0.233 1.0		
302	257	259	0.0 0.216 1.0	35.9 59.4 -94.5 111.6 302	0.0 0.696 1.0	65.3 -10.9 -47.3 48.7 257	0.0 0.217 1.0	0.0 0.68 1.0	64.2 -8.7 -49.1 50.0 259	0.0 0.217 1.0		
302	258	260	0.0 0.2 1.0	35.2 61.2 -95.5 113.5 302	0.0 0.691 1.0	64.9 -10.1 -48.0 49.1 258	0.0 0.2 1.0	0.0 0.675 1.0	63.8 -8.0 -49.7 50.4 260	0.0 0.2 1.0		
303	259	261	0.0 0.183 1.0	34.6 63.0 -96.6 115.3 303	0.0 0.685 1.0	64.5 -9.4 -48.6 49.6 259	0.0 0.183 1.0	0.0 0.67 1.0	63.5 -7.2 -50.2 50.9 261	0.0 0.183 1.0		
303	260	262	0.0 0.166 1.0	34.0 64.8 -97.6 117.2 303	0.0 0.679 1.0	64.2 -8.6 -49.2 50.1 260	0.0 0.167 1.0	0.0 0.665 1.0	63.1 -6.5 -50.8 51.3 262	0.0 0.167 1.0		
304	261	263	0.0 0.15 1.0	33.4 66.7 -98.6 119.1 304	0.0 0.674 1.0	63.8 -7.8 -49.8 50.5 261	0.0 0.15 1.0	0.0 0.66 1.0	62.8 -5.7 -51.3 51.7 263	0.0 0.15 1.0		
304	262	264	0.0 0.133 1.0	32.8 68.6 -99.6 120.9 304	0.0 0.668 1.0	63.4 -7.0 -50.4 51.0 262	0.0 0.133 1.0	0.0 0.655 1.0	62.4 -5.0 -51.8 52.1 264	0.0 0.133 1.0		
304	263	265	0.0 0.116 1.0	32.3 70.0 -100.3 122.3 304	0.0 0.663 1.0	63.0 -6.2 -51.0 51.5 263	0.0 0.117 1.0	0.0 0.65 1.0	62.1 -4.2 -52.3 52.5 265	0.0 0.117 1.0		
305	264	266	0.0 0.1 1.0	32.0 70.8 -100.8 122.3 305	0.0 0.657 1.0	62.6 -5.3 -51.5 51.9 264	0.0 0.1 1.0	0.0 0.645 1.0	61.7 -3.4 -52.8 53.0 266	0.0 0.1 1.0		
305	265	267	0.0 0.083 1.0	31.7 71.7 -101.2 124.1 305	0.0 0.652 1.0	62.2 -4.5 -52.1 52.4 265	0.0 0.083 1.0	0.0 0.64 1.0	61.4 -2.5 -53.2 53.4 267	0.0 0.083 1.0		
305	266	268	0.0 0.066 1.0	31.5 72.5 -101.7 124.9 305	0.0 0.646 1.0	61.8 -3.6 -52.6 52.8 266	0.0 0.067 1.0	0.0 0.635 1.0	61.0 -1.7 -53.7 53.8 268	0.0 0.067 1.0		
305	267	269	0.0 0.049 1.0	31.2 73.4 -102.2 125.8 305	0.0 0.641 1.0	61.4 -2.7 -53.1 53.3 267	0.0 0.05 1.0	0.0 0.63 1.0	60.6 -0.8 -54.1 54.2 269	0.0 0.05 1.0		
305	268	269	0.0 0.033 1.0	30.9 74.3 -102.6 126.7 305	0.0 0.635 1.0	61.0 -1.8 -53.6 53.8 268	0.0 0.033 1.0	0.0 0.624 1.0	60.3 0.0 -54.6 54.7 269	0.0 0.033 1.0		
306	269	270	0.0 0.016 1.0	30.6 75.1 -103.1 127.6 306	0.0 0.63 1.0	60.6 -0.8 -54.1 54.2 269	0.0 0.017 1.0	0.0 0.617 1.0	59.8 0.8 -55.6 55.7 270	0.0 0.017 1.0		
306	270	271	0.0 0.0 1.0	30.3 76.0 -103.5 128.5 306	B_d 0.0 0.624 1.0	60.2 0.0 -54.7 54.8	270B_s 0.0 0.0 1.0	0.0 0.609 1.0	59.3 1.7 -56.5 56.6	271B_e 0.0 0.0 1.0		
306	271	272	0.016 0.0 1.0	30.4 76.0 -103.4 128.4 306	0.0 0.615 1.0	59.7 1.0 -55.7 55.9 271	0.0 0.017 0.0 1.0	0.0 0.602 1.0	58.7 2.7 -57.5 57.6 272	0.0 0.017 0.0 1.0		
306	272	273	0.033 0.0 1.0	30.5 76.1 -103.3 128.3 306	0.0 0.607 1.0	59.1 2.0 -56.8 56.9 272	0.033 0.0 1.0	0.0 0.594 1.0	58.2 3.7 -58.4 58.6 273	0.033 0.0 1.0		
306	273	274	0.05 0.0 1.0	30.6 76.1 -103.1 128.2 306	0.0 0.599 1.0	58.5 3.0 -57.8 58.0 273	0.05 0.0 1.0	0.0 0.586 1.0	57.7 4.8 -59.4 59.7 274	0.05 0.0 1.0		
306	274	275	0.066 0.0 1.0	30.7 76.1 -103.0 128.1 306	0.0 0.591 1.0	58.0 4.1 -58.8 59.0 274	0.067 0.0 1.0	0.0 0.578 1.0	57.1 5.8 -60.3 60.7 275	0.067 0.0 1.0		
306	275	276	0.083 0.0 1.0	30.8 76.2 -102.8 128.0 306	0.0 0.583 1.0	57.4 5.2 -59.8 60.1 275	0.083 0.0 1.0	0.0 0.57 1.0	56.6 7.0 -61.2 61.7 276	0.083 0.0 1.0		
306	276	277	0.1 0.0 1.0	30.9 76.2 -102.7 127.9 306	0.0 0.574 1.0	56.9 6.4 -60.7 61.2 276	0.1 0.0 1.0	0.0 0.563 1.0	56.1 8.1 -62.0 62.7 277	0.1 0.0 1.0		
306	277	278	0.116 0.0 1.0	30.9 76.2 -102.5 127.8 306	0.0 0.566 1.0	56.3 7.6 -61.7 62.2 277	0.117 0.0 1.0	0.0 0.555 1.0	55.5 9.3 -62.9 63.7 278	0.117 0.0 1.0		
306	278	279	0.133 0.0 1.0	31.1 76.3 -102.3 127.6 306	0.0 0.558 1.0	55.7 8.8 -62.6 63.3 278	0.133 0.0 1.0	0.0 0.547 1.0	55.0 10.5 -63.7 64.7 279	0.133 0.0 1.0		
306	279	280	0.15 0.0 1.0	31.3 76.3 -101.9 127.4 306	0.0 0.55 1.0	55.2 10.1 -63.5 64.3 279	0.15 0.0 1.0	0.0 0.539 1.0	54.5 11.7 -64.5 65.7 280	0.15 0.0 1.0		
306	280	281	0.166 0.0 1.0	31.5 76.4 -101.6 127.1 306	0.0 0.541 1.0	54.6 11.4 -64.3 65.4 280	0.167 0.0 1.0	0.0 0.531 1.0	53.9 13.0 -65.3 66.7 281	0.167 0.0 1.0		
307	281	282	0.183 0.0 1.0	31.7 76.5 -101.2 126.9 307	0.0 0.533 1.0	54.1 12.7 -65.1 66.5 281	0.183 0.0 1.0	0.0 0.524 1.0	53.4 14.3 -66.1 67.7 282	0.183 0.0 1.0		
307	282	283	0.2 0.0 1.0	31.9 76.6 -100.9 126.7 307	0.0 0.525 1.0	53.5 14.0 -66.0 67.5 282	0.2 0.0 1.0	0.0 0.516 1.0	52.9 15.6 -66.8 68.7 283	0.2 0.0 1.0		
307	283	284	0.216 0.0 1.0	32.1 76.6 -100.5 126.4 307	0.0 0.517 1.0	52.9 15.4 -66.7 68.6 283	0.217 0.0 1.0	0.0 0.508 1.0	52.3 16.9 -67.5 69.7 284	0.217 0.0 1.0		
307	284	285	0.233 0.0 1.0	32.3 76.7 -100.1 126.2 307	0.0 0.508 1.0	52.4 16.9 -67.5 69.7 284	0.233 0.0 1.0	0.0 0.5 1.0	51.8 18.3 -68.2 70.7 285	0.233 0.0 1.0		
307	285	285	0.25 0.0 1.0	32.6 76.8 -99.8 125.9 307	0.0 0.5 1.0	51.8 18.3 -68.2 70.7 285	0.25 0.0 1.0	0.0 0.488 1.0	51.0 19.9 -69.6 72.5 285	0.25 0.0 1.0		
307	286	286	0.266 0.0 1.0	32.9 77.0 -99.2 125.6 307	0.0 0.488 1.0	51.0 20.0 -69.7 72.6 286	0.267 0.0 1.0	0.0 0.476 1.0	50.3 21.6 -71.0 74.3 286	0.267 0.0 1.0		
308	287	287	0.283 0.0 1.0	33.2 77.1 -98.6 125.2 308	0.0 0.475 1.0	50.2 21.8 -71.2 74.5 287	0.283 0.0 1.0	0.0 0.464 1.0	49.5 23.3 -72.4 76.1 287	0.283 0.0 1.0		
308	288	288	0.3 0.0 1.0	33.6 77.3 -98.1 124.9 308	0.0 0.462 1.0	49.4 23.6 -72.6 76.4 288	0.3 0.0 1.0	0.0 0.452 1.0	48.8 25.1 -73.7 77.9 288	0.3 0.0 1.0		
308	289	289	0.316 0.0 1.0	33.9 77.4 -97.5 124.5 308	0.0 0.45 1.0	48.6 25.5 -74.0 78.3 289	0.317 0.0 1.0	0.0 0.44 1.0	48.0 26.9 -75.0 79.8 289	0.317 0.0 1.0		
308	290	290	0.333 0.0 1.0	34.3 77.6 -96.9 124.1 308	0.0 0.437 1.0	47.8 27.4 -75.3 80.2 290	0.333 0.0 1.0	0.0 0.428 1.0	47.2 28.8 -76.2 81.6 290	0.333 0.0 1.0		
308	291	291	0.35 0.0 1.0	34.6 77.7 -96.3 123.8 308	0.0 0.424 1.0	47.0 29.4 -76.6 82.1 291	0.35 0.0 1.0	0.0 0.416 1.0	46.5 30.7 -77.4 83.4 291	0.35 0.0 1.0		
309	292	292	0.366 0.0 1.0	34.9 77.9 -95.7 123.4 309	0.0 0.412 1.0	46.2 31.5 -77.8 84.1 292	0.367 0.0 1.0	0.0 0.404 1.0	45.7 32.7 -78.5 85.2 292	0.367 0.0 1.0		
309	293	293	0.383 0.0 1.0	35.3 78.1 -95.1 123.0 309	0.0 0.399 1.0	45.4 33.6 -79.0 86.0 293	0.383 0.0 1.0	0.0 0.392 1.0	44.9 34.7 -79.7 87.0 293	0.383 0.0 1.0		
309	294	294	0.4 0.0 1.0	35.8 78.3 -94.3 122.6 309	0.0 0.386 1.0	44.6 35.7 -80.2 87.9 294	0.4 0.0 1.0	0.0 0.38 1.0	44.2 36.8 -80.7 88.8 294	0.4 0.0 1.0		
310	295	295	0.416 0.0 1.0	36.3 78.6 -93.5 122.2 310	0.0 0.373 1.0	43.7 38.0 -81.4 89.9 295	0.417 0.0 1.0	0.0 0.364 1.0	43.3 39.2 -82.2 91.2 295	0.417 0.0 1.0		
310	296	296	0.433 0.0 1.0	36.7 78.9 -92.7 121.8 310	0.0 0.353 1.0	42.7 40.7 -83.3 92.8 296	0.433 0.0 1.0	0.0 0.345 1.0	42.3 41.7 -84.0 93.9 296	0.433 0.0 1.0		
310	297	297	0.45 0.0 1.0	37.2 79.1 -92.0 121.3 310	0.0 0.333 1.0	41.6 43.5 -85.2 95.7 297	0.45 0.0 1.0	0.0 0.327 1.0	41.3 44.4 -85.8 96.7 297	0.45 0.0 1.0		
311	298	298	0.466 0.0 1.0	37.6 79.3 -91.2 120.9 311	0.0 0.313 1.0	40.5 46.3 -87.0 98.6 298	0.467 0.0 1.0	0.0 0.308 1.0	40.3 47.1 -87.5 99.4 298	0.467 0.0 1.0		
311	299	299	0.483 0.0 1.0	38.1 79.6 -90.4 120.5 311	0.0 0.293 1.0	39.5 49.2 -88.7 101.5 299	0.483 0.0 1.0	0.0 0.289 1.0	39.2 49.9 -89.1 102.2 299	0.483 0.0 1.0		
311	300	300	0.5 0.0 1.0	38.5 79.8 -89.7 120.0 311	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.5 0.0 1.0	0.0 0.27 1.0	38.2 52.8 -90.6 105.0 300	0.5 0.0 1.0		



see similar files: http://130.149.60.45/~farbmetrik/QE12/QE12L0FP.PDF /.PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE12/QE12L0FP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta



Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_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} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; Six hue angles of the elementary colours RYGBM_e; h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb ^a _{dd361M}	LAB ^a _{dd361Mi (x=LabCh)}	rgb ^a _{ds361Mi}	LAB ^a _{dsx361Mi (x=LabCh)}	rgb ^a _{dd361Mi}	LAB ^a _{de361Mi}	rgb ^a _{dex361Mi (x=LabCh)}	rgb ^a _{dd361Mi}	LAB ^a _{de361Mi}	rgb ^a _{dd361Mi}	rgb ^a _{dd}	rgb ^a _{ds}	rgb ^a _{de}																				
311	300	300	0.5	0.0	1.0	38.5	79.8	-89.7	120.0	311	0.0	0.274	1.0	38.4	52.2	-90.4	104.5	300	0.5	0.0	1.0	0.0	0.27	1.0	38.2	52.8	-90.6	105.0	300	0.5	0.0	1.0			
312	301	301	0.516	0.0	1.0	39.1	80.2	-88.7	119.6	312	0.0	0.254	1.0	37.4	55.3	-91.9	107.4	301	0.517	0.0	1.0	0.0	0.251	1.0	37.2	55.7	-92.1	107.7	301	0.517	0.0	1.0			
312	302	302	0.533	0.0	1.0	39.6	80.6	-87.8	119.2	312	0.0	0.222	1.0	36.1	58.8	-94.1	111.0	302	0.533	0.0	1.0	0.0	0.22	1.0	36.0	59.1	-94.2	111.3	302	0.533	0.0	1.0			
312	303	303	0.55	0.0	1.0	40.2	80.9	-86.9	118.8	312	0.0	0.188	1.0	34.8	62.6	-96.3	114.9	303	0.55	0.0	1.0	0.0	0.187	1.0	34.8	62.6	-96.3	115.0	303	0.55	0.0	1.0			
313	304	304	0.566	0.0	1.0	40.7	81.3	-86.0	118.3	313	0.0	0.153	1.0	33.5	66.4	-98.4	118.8	304	0.567	0.0	1.0	0.0	0.154	1.0	33.6	66.3	-98.3	118.6	303	0.567	0.0	1.0			
313	305	305	0.583	0.0	1.0	41.3	81.6	-85.1	117.9	313	0.0	0.109	1.0	32.2	70.4	-100.4	122.7	305	0.583	0.0	1.0	0.0	0.117	1.0	32.4	70.0	-100.2	122.3	304	0.583	0.0	1.0			
314	306	305	0.6	0.0	1.0	41.8	82.0	-84.1	117.5	314	0.0	0.024	1.0	30.8	74.8	-102.8	127.2	306	0.6	0.0	1.0	0.0	0.036	1.0	31.0	74.2	-102.5	126.6	305	0.6	0.0	1.0			
314	307	306	0.616	0.0	1.0	42.4	82.3	-83.2	117.0	314	0.172	0.0	1.0	31.6	76.5	-101.4	127.1	307	0.617	0.0	1.0	0.146	0.0	1.0	31.3	76.4	-102.0	127.5	306	0.617	0.0	1.0			
315	308	307	0.633	0.0	1.0	43.0	82.7	-82.2	116.6	315	0.282	0.0	1.0	33.2	77.2	-98.6	125.3	308	0.633	0.0	1.0	0.263	0.0	1.0	32.9	77.0	-99.3	125.7	307	0.633	0.0	1.0			
315	309	308	0.65	0.0	1.0	43.6	83.2	-81.2	116.3	315	0.357	0.0	1.0	34.8	77.8	-96.0	123.7	309	0.65	0.0	1.0	0.335	0.0	1.0	34.3	77.6	-96.8	124.2	308	0.65	0.0	1.0			
316	310	309	0.666	0.0	1.0	44.2	83.7	-80.2	115.9	316	0.414	0.0	1.0	36.2	78.6	-93.6	122.3	310	0.667	0.0	1.0	0.396	0.0	1.0	35.8	78.3	-94.4	122.8	309	0.667	0.0	1.0			
316	311	310	0.683	0.0	1.0	44.8	84.1	-79.2	115.5	316	0.465	0.0	1.0	37.6	79.4	-91.2	121.0	311	0.683	0.0	1.0	0.445	0.0	1.0	37.1	79.1	-92.2	121.5	310	0.683	0.0	1.0			
317	312	311	0.7	0.0	1.0	45.4	84.6	-78.1	115.2	317	0.513	0.0	1.0	39.0	80.1	-88.9	119.8	312	0.7	0.0	1.0	0.493	0.0	1.0	38.4	79.8	-89.9	120.3	311	0.7	0.0	1.0			
317	313	312	0.716	0.0	1.0	46.0	85.0	-77.1	114.8	317	0.551	0.0	1.0	40.3	81.0	-86.8	118.8	313	0.717	0.0	1.0	0.532	0.0	1.0	39.6	80.6	-87.9	119.3	312	0.717	0.0	1.0			
318	314	313	0.733	0.0	1.0	46.6	85.4	-76.1	114.4	318	0.59	0.0	1.0	41.6	81.8	-84.6	117.8	314	0.733	0.0	1.0	0.569	0.0	1.0	40.8	81.4	-85.8	118.3	313	0.733	0.0	1.0			
318	315	314	0.75	0.0	1.0	47.2	85.8	-75.1	114.0	318	0.628	0.0	1.0	42.8	82.6	-82.5	116.8	315	0.75	0.0	1.0	0.605	0.0	1.0	42.1	82.1	-83.8	117.4	314	0.75	0.0	1.0			
319	316	315	0.766	0.0	1.0	47.9	86.4	-74.0	113.8	319	0.66	0.0	1.0	44.0	83.5	-80.6	116.1	316	0.767	0.0	1.0	0.639	0.0	1.0	43.2	82.9	-81.8	116.6	315	0.767	0.0	1.0			
320	317	316	0.783	0.0	1.0	48.5	87.0	-72.9	113.5	320	0.692	0.0	1.0	45.2	84.4	-78.6	115.4	317	0.783	0.0	1.0	0.669	0.0	1.0	44.3	83.8	-80.0	115.9	316	0.783	0.0	1.0			
320	318	317	0.8	0.0	1.0	49.2	87.5	-71.8	113.2	320	0.724	0.0	1.0	46.3	85.2	-76.6	114.7	318	0.8	0.0	1.0	0.699	0.0	1.0	45.4	84.6	-78.1	115.2	317	0.8	0.0	1.0			
321	319	318	0.816	0.0	1.0	49.8	88.1	-70.7	113.0	321	0.755	0.0	1.0	47.5	86.0	-74.7	114.0	319	0.817	0.0	1.0	0.729	0.0	1.0	46.5	85.4	-76.3	114.5	318	0.817	0.0	1.0			
321	320	319	0.833	0.0	1.0	50.5	88.6	-69.6	112.7	321	0.783	0.0	1.0	48.6	87.0	-72.9	113.6	320	0.833	0.0	1.0	0.758	0.0	1.0	47.6	86.2	-74.5	114.0	319	0.833	0.0	1.0			
322	321	320	0.85	0.0	1.0	51.2	89.1	-68.5	112.4	322	0.81	0.0	1.0	49.7	87.9	-71.1	113.1	321	0.85	0.0	1.0	0.785	0.0	1.0	48.6	87.1	-72.8	113.5	320	0.85	0.0	1.0			
323	322	321	0.866	0.0	1.0	51.8	89.6	-67.4	112.1	323	0.838	0.0	1.0	50.7	88.8	-69.3	112.7	322	0.867	0.0	1.0	0.811	0.0	1.0	49.7	87.9	-71.0	113.1	321	0.867	0.0	1.0			
323	323	321	0.883	0.0	1.0	52.5	90.1	-66.3	111.9	323	0.866	0.0	1.0	51.8	89.6	-67.4	112.2	323	0.883	0.0	1.0	0.837	0.0	1.0	50.7	88.8	-69.3	112.7	321	0.883	0.0	1.0			
324	324	322	0.9	0.0	1.0	53.2	90.8	-65.2	111.8	324	0.892	0.0	1.0	52.9	90.5	-65.7	111.9	324	0.9	0.0	1.0	0.864	0.0	1.0	51.7	89.5	-67.6	112.2	322	0.9	0.0	1.0			
324	325	323	0.916	0.0	1.0	53.8	91.4	-64.1	111.6	324	0.918	0.0	1.0	53.9	91.5	-64.0	111.7	325	0.917	0.0	1.0	0.889	0.0	1.0	52.8	90.4	-65.9	111.9	323	0.917	0.0	1.0			
325	326	324	0.933	0.0	1.0	54.5	92.0	-62.9	111.5	325	0.943	0.0	1.0	55.0	92.4	-62.2	111.5	326	0.933	0.0	1.0	0.913	0.0	1.0	53.7	91.3	-64.3	111.7	324	0.933	0.0	1.0			
326	327	325	0.95	0.0	1.0	55.2	92.6	-61.8	111.4	326	0.969	0.0	1.0	56.0	93.3	-60.5	111.3	327	0.95	0.0	1.0	0.937	0.0	1.0	54.7	92.2	-62.6	111.5	325	0.95	0.0	1.0			
326	328	326	0.966	0.0	1.0	55.9	93.2	-60.7	111.2	326	0.994	0.0	1.0	57.1	94.2	-58.7	111.0	328	0.967	0.0	1.0	0.961	0.0	1.0	55.7	93.1	-61.0	111.3	326	0.967	0.0	1.0			
327	329	327	0.983	0.0	1.0	56.6	93.8	-59.5	111.1	327	1.0	0.0	1.0	0.984	57.1	93.9	-56.4	109.6	329	0.983	0.0	1.0	0.985	0.0	1.0	56.7	93.9	-59.3	111.1	327	0.983	0.0	1.0		
328	330	328	1.0	0.0	1.0	57.2	94.3	-58.4	110.9	328	M _d	1.0	0.0	0.962	56.8	93.4	-53.8	107.8	330	M _s	1.0	0.0	1.0	1.0	0.0	0.992	57.2	94.2	-57.4	110.3	328	M _e	1.0	0.0	1.0
329	331	329	1.0	0.0	0.983	57.0	93.9	-56.4	109.5	329	1.0	0.0	0.941	56.5	92.7	-51.3	106.0	331	1.0	0.0	0.983	1.0	0.0	0.972	56.9	93.6	-54.9	108.6	329	1.0	0.0	0.983			
329	332	330	1.0	0.0	0.966	56.8	93.4	-54.4	108.1	329	1.0	0.0	0.919	56.2	92.0	-48.8	104.2	332	1.0	0.0	0.967	1.0	0.0	0.951	56.7	93.0	-52.5	106.9	330	1.0	0.0	0.967			
330	333	331	1.0	0.0	0.95	56.6	92.9	-52.4	106.7	330	1.0	0.0	0.898	55.9	91.2	-46.4	102.4	333	1.0	0.0	0.95	1.0	0.0	0.931	56.4	92.4	-50.2	105.2	331	1.0	0.0	0.95			
331	334	332	1.0	0.0	0.933	56.4	92.4	-50.5	105.3	331	1.0	0.0	0.876	55.7	90.4	-44.0	100.5	334	1.0	0.0	0.933	1.0	0.0	0.911	56.1	91.7	-47.8	103.4	332	1.0	0.0	0.933			
332	335	333	1.0	0.0	0.916	56.1	91.8	-48.6	103.9	332	1.0	0.0	0.86	55.5	90.0	-41.9	99.3	335	1.0	0.0	0.917	1.0	0.0	0.89	55.8	90.9	-45.5	101.7	333	1.0	0.0	0.917			
332	336	334	1.0	0.0	0.9	55.9	91.2	-46.7	102.5	332	1.0	0.0	0.843	55.3	89.2	-39.8	98.3	336	1.0	0.0	0.9	1.0	0.0	0.871	55.6	90.2	-43.3	100.2	334	1.0	0.0	0.9			
333	337	335	1.0	0.0	0.883	55.7	90.6	-44.8	101.1	333	1.0	0.0	0.827	55.1	89.6	-37.8	96.9	337	1.0	0.0	0.883	1.0	0.0	0.856	55.4	89.9	-41.4	99.0	335	1.0	0.0	0.883			
334	338	336	1.0	0.0	0.866	55.5	90.1	-42.8	99.8	334	1.0	0.0	0.811	54.9	88.8	-35.8	95.8	338	1.0	0.0	0.867	1.0	0.0	0.84	55.2	89.6	-39.4	97.9	336	1.0	0.0	0.867			
335	339	337	1.0	0.0	0.85	55.3	89.8	-40.7	98.6	335	1.0	0.0	0.794	54.7	88.3	-33.8	9																		

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_s: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours RYGBM_d: h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; Six hue angles of the elementary colours RYGBM_e: h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* _{dd361M}	LAB* _{dsx361Mi (x=LabCh)}	rgb* _{ds361Mi}	LAB* _{dsx361Mi (x=LabCh)}	rgb* _{dd361Mi}	LAB* _{de361Mi}	rgb* _{dex361Mi (x=LabCh)}	rgb* _{dd361Mi}	rgb* _{dd}	rgb* _{ds}	rgb* _{de}
341	345	342	1.0	0.0	0.75	54.2	86.7	-28.6	91.3	341	1.0	0.0	0.75
342	346	343	1.0	0.0	0.733	54.0	86.5	-26.4	90.4	342	1.0	0.0	0.733
344	347	344	1.0	0.0	0.716	53.8	86.2	-24.2	89.5	344	1.0	0.0	0.716
345	348	345	1.0	0.0	0.7	53.7	85.8	-22.0	88.6	345	1.0	0.0	0.7
346	349	346	1.0	0.0	0.683	53.5	85.4	-19.9	87.7	346	1.0	0.0	0.683
348	350	347	1.0	0.0	0.666	53.4	85.0	-17.8	86.8	348	1.0	0.0	0.666
349	351	348	1.0	0.0	0.65	53.2	84.5	-15.7	85.9	349	1.0	0.0	0.65
350	352	349	1.0	0.0	0.633	53.0	83.9	-13.6	85.0	350	1.0	0.0	0.633
352	353	350	1.0	0.0	0.616	52.9	83.6	-11.4	84.3	352	1.0	0.0	0.616
353	354	351	1.0	0.0	0.6	52.8	83.4	-9.1	83.9	353	1.0	0.0	0.6
355	355	352	1.0	0.0	0.583	52.7	83.2	-6.9	83.5	355	1.0	0.0	0.583
356	356	353	1.0	0.0	0.566	52.5	82.9	-4.6	83.0	356	1.0	0.0	0.566
358	357	354	1.0	0.0	0.55	52.4	82.5	-2.4	82.6	358	1.0	0.0	0.55
359	358	355	1.0	0.0	0.533	52.3	82.1	-0.1	82.1	359	1.0	0.0	0.533
361	359	356	1.0	0.0	0.516	52.1	81.6	2.0	81.7	361	1.0	0.0	0.516
362	360	352	1.0	0.0	0.5	52.0	81.1	4.1	81.2	362	1.0	0.0	0.5
364	361	353	1.0	0.0	0.483	51.9	81.1	6.5	81.3	364	1.0	0.0	0.483
366	362	354	1.0	0.0	0.466	51.8	81.0	8.8	81.5	366	1.0	0.0	0.466
367	363	355	1.0	0.0	0.45	51.7	80.8	11.1	81.6	367	1.0	0.0	0.45
369	364	356	1.0	0.0	0.433	51.6	80.6	13.5	81.7	369	1.0	0.0	0.433
371	365	357	1.0	0.0	0.416	51.5	80.3	15.8	81.8	371	1.0	0.0	0.416
372	366	358	1.0	0.0	0.4	51.4	79.9	18.1	81.9	372	1.0	0.0	0.4
374	367	359	1.0	0.0	0.383	51.4	79.5	20.4	82.1	374	1.0	0.0	0.383
376	368	360	1.0	0.0	0.366	51.3	79.3	22.7	82.5	376	1.0	0.0	0.366
377	369	362	1.0	0.0	0.35	51.2	79.3	25.1	83.2	377	1.0	0.0	0.35
379	370	363	1.0	0.0	0.333	51.1	79.2	27.4	83.8	379	1.0	0.0	0.333
380	371	364	1.0	0.0	0.316	51.1	79.1	29.7	84.5	380	1.0	0.0	0.316
382	372	365	1.0	0.0	0.3	51.0	78.9	32.1	85.2	382	1.0	0.0	0.3
383	373	366	1.0	0.0	0.283	51.0	78.7	34.4	85.9	383	1.0	0.0	0.283
385	374	367	1.0	0.0	0.266	50.9	78.3	36.8	86.6	385	1.0	0.0	0.266
386	375	368	1.0	0.0	0.25	50.8	77.9	39.2	87.2	386	1.0	0.0	0.25
387	376	369	1.0	0.0	0.233	50.8	78.0	41.2	88.2	387	1.0	0.0	0.233
389	377	370	1.0	0.0	0.216	50.8	78.0	43.3	89.2	389	1.0	0.0	0.216
390	378	372	1.0	0.0	0.2	50.7	78.0	45.4	90.2	390	1.0	0.0	0.2
391	379	373	1.0	0.0	0.183	50.7	77.9	47.5	91.2	391	1.0	0.0	0.183
392	380	374	1.0	0.0	0.166	50.6	77.8	49.6	92.2	392	1.0	0.0	0.166
393	381	375	1.0	0.0	0.15	50.6	77.6	51.9	93.3	393	1.0	0.0	0.15
394	382	376	1.0	0.0	0.133	50.6	77.3	53.9	94.3	394	1.0	0.0	0.133
395	383	377	1.0	0.0	0.116	50.5	77.2	55.6	95.1	395	1.0	0.0	0.116
396	384	378	1.0	0.0	0.1	50.5	77.2	56.8	95.9	396	1.0	0.0	0.1
396	385	379	1.0	0.0	0.083	50.5	77.2	58.1	96.6	396	1.0	0.0	0.083
397	386	381	1.0	0.0	0.066	50.5	77.2	59.4	97.4	397	1.0	0.0	0.066
398	387	382	1.0	0.0	0.049	50.5	77.1	60.6	98.1	398	1.0	0.0	0.049
398	388	383	1.0	0.0	0.033	50.5	77.1	61.9	98.9	398	1.0	0.0	0.033
399	389	384	1.0	0.0	0.016	50.5	77.0	63.2	99.6	399	1.0	0.0	0.016
400	390	385	1.0	0.0	0.0	50.4	76.9	64.5	100.4	400	1.0	0.0	0.0

see similar files: http://130.149.60.45/~farbmetrik/QE12/QE12L0FP.PDF /.PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE12/QE12L0FP.PDF /.PS
application for measurement of display output, no separation
TUB material: code=rha4ta

TUB registration: 20130201-QE12/QE12LOFP.PDF /.PS application for measurement of display output, no separation

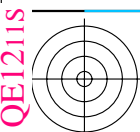
TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/QE12/QE12LOFP.PDF /.PS; 3D-linearization output: 3D-linearization to rgb*de

Table with 10 columns: n, HHC*Fde, rgb*Fde, iet*Fde, Hsa*Fde, rgb*Fde, LabCh*Fde, LabCh*Fde, LabCh*Fde, LabCh*Fde. Rows 405-485.

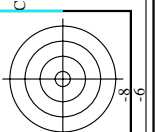
see similar files: http://130.149.60.45/~farbmetrik/QE12/QE12.HTM technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

input: rgb/cmlyk -> rgbde output: 3D-linearization to rgb*de Mean color difference of this page: delta E** = 0.4



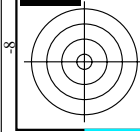
TUB registration: 20130201-QE12/QE12LOFP.PDF /.PS
 application for measurement of display output, no separation

TUB material: code=rha4ta

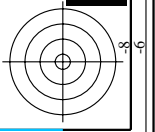


n	HC*F0e	rgb*F0e	icr*F0e	hsa*F0e	rgb*F0e	LabCH*F0e	LabCH*F0e	rgb*F0e	DF*F0e	hsa*F0e	rgb*F0e	LabCH*F0e
648	ROY1_100_1000e	1.0	0.0	0.263	50.9	78.3	37.1	86.5	25.4	86.5	78.1	50.9
649	R38Y_100_1000e	1.0	0.0	0.348	51.2	79.3	25.0	83.2	17.6	83.2	78.9	51.2
650	R26Y_100_1000e	1.0	0.0	0.429	51.6	80.0	13.7	81.8	9.7	81.8	80.0	51.6
651	R13Y_100_1000e	1.0	0.0	0.521	52.2	81.8	1.1	81.5	0.7	81.5	81.8	52.2
652	ROY1_100_1000e	1.0	0.0	0.617	52.9	83.4	-11.5	84.9	352.0	84.9	83.4	52.9
653	B68R_100_1000e	1.0	0.0	0.617	52.9	83.4	-11.5	85.6	349.4	85.6	83.4	52.9
654	B61R_100_1000e	1.0	0.0	0.745	54.1	86.7	-28.2	91.2	341.8	91.2	86.7	54.1
655	B55R_100_1000e	1.0	0.0	0.855	55.4	89.9	-41.4	98.8	335.1	98.8	89.9	55.4
656	B50R_100_1000e	1.0	0.0	0.991	57.1	94.1	-57.4	110.3	328.6	110.3	94.1	57.1
657	R11Y_100_1000e	1.0	0.0	1.156	50.6	77.6	51.2	92.8	33.5	92.8	77.6	50.6
658	ROY1_100_0875e	1.0	0.125	0.345	56.8	68.5	67.0	18.9	73.8	24.5	68.5	56.8
659	R36Y_100_0875e	1.0	0.125	0.426	57.4	70.2	16.5	17.4	15.5	17.4	70.2	57.4
660	R23Y_100_0875e	1.0	0.125	0.512	58.2	72.4	9.2	16.5	7.2	16.5	58.2	58.2
661	ROY1_100_0875e	1.0	0.125	0.612	57.8	72.4	-2.9	17.4	357.6	72.4	57.8	57.8
662	B70R_100_0875e	1.0	0.125	0.612	57.8	72.4	-2.9	17.4	357.6	72.4	57.8	57.8
663	B63R_100_0875e	1.0	0.125	0.757	59.1	75.5	-21.9	78.6	343.7	78.6	75.5	59.1
664	B56R_100_0875e	1.0	0.125	0.882	60.2	78.3	-34.5	85.6	336.1	85.6	78.3	60.2
665	B50R_100_0875e	1.0	0.125	0.992	61.9	82.1	-51.2	94.7	328.6	94.7	82.1	61.9
666	R23Y_100_1000e	1.0	0.0	1.025	51.3	74.4	64.8	98.7	41.0	98.7	74.4	51.3
667	R13Y_100_1000e	1.0	0.0	1.125	0.247	56.2	67.7	46.4	82.1	46.4	56.2	0.247
668	ROY1_100_1000e	1.0	0.25	0.447	62.0	58.7	27.9	65.0	25.4	65.0	58.7	62.0
669	R33Y_100_1000e	1.0	0.25	0.529	62.3	59.4	16.4	61.6	15.4	61.6	62.3	62.3
670	R18Y_100_1000e	1.0	0.25	0.625	37.1	60.8	6.8	4.5	61.0	4.5	60.8	37.1
671	ROY1_100_0750e	1.0	0.25	0.713	63.5	62.7	-8.7	63.3	352.0	62.7	63.5	63.5
672	B63R_100_0750e	1.0	0.25	0.784	64.0	64.1	-13.2	65.9	346.6	64.1	64.0	64.0
673	B56R_100_0750e	1.0	0.25	0.882	65.8	68.1	-23.3	73.7	337.1	73.7	68.1	65.8
674	B50R_100_0750e	1.0	0.25	0.995	67.1	70.6	-43.0	82.1	327.4	82.1	70.6	67.1
675	R36Y_100_0875e	1.0	0.0	1.038	57.6	56.9	67.8	88.5	49.9	88.5	56.9	57.6
676	R26Y_100_0875e	1.0	0.0	1.125	58.3	63.3	49.3	83.7	43.3	83.7	63.3	58.3
677	R15Y_100_0875e	1.0	0.0	1.225	0.342	61.8	57.9	41.3	71.1	41.3	61.8	1.225
678	ROY1_100_0625e	1.0	0.375	0.539	67.6	68.9	49.9	23.3	54.2	23.3	67.6	67.6
679	R11Y_100_0625e	1.0	0.375	0.708	68.4	51.3	-0.1	51.3	359.8	51.3	68.4	68.4
680	R1Y_100_0625e	1.0	0.375	0.773	68.9	52.5	-8.8	53.0	339.0	52.5	68.9	68.9
681	B69R_100_0625e	1.0	0.375	0.877	69.9	55.1	-21.1	59.0	339.0	55.1	69.9	69.9
682	B62R_100_0625e	1.0	0.375	0.974	71.5	58.8	-35.9	68.9	328.6	68.9	58.8	71.5
683	B50Y_100_1000e	1.0	0.0	1.487	0.0	63.1	42.7	70.8	58.7	70.8	63.1	1.487
684	R50Y_100_1000e	1.0	0.0	1.583	0.125	64.2	60.4	75.4	65.9	75.4	64.2	1.583
685	R41Y_100_0875e	1.0	0.0	1.687	0.25	65.4	47.3	50.1	68.9	47.3	65.4	1.687
686	R31Y_100_0625e	1.0	0.0	1.775	0.375	67.3	39.1	37.7	51.0	37.7	67.3	1.775
687	ROY1_100_0500e	1.0	0.5	1.855	0.5	63.1	31.0	18.6	43.3	25.4	63.1	1.855
688	R26Y_100_0500e	1.0	0.5	1.933	0.625	64.1	20.8	40.8	9.0	40.8	64.1	1.933
689	ROY1_100_0500e	1.0	0.5	2.011	0.75	65.0	11.4	33.9	36.5	36.5	65.0	2.011
690	B61R_100_0500e	1.0	0.5	2.089	0.875	66.0	-8.0	34.8	3.2	34.8	66.0	2.089
691	B54R_100_0500e	1.0	0.5	2.167	1.0	67.0	-16.5	45.1	338.7	45.1	67.0	2.167
692	B47R_100_0500e	1.0	0.5	2.245	1.125	68.0	-29.9	54.2	326.3	54.2	68.0	2.245
693	B40R_100_0500e	1.0	0.5	2.323	1.25	69.0	-42.8	65.1	318.6	65.1	69.0	2.323
694	B33R_100_0500e	1.0	0.5	2.401	1.375	70.0	-55.1	76.0	310.8	76.0	70.0	2.401
695	B26R_100_0500e	1.0	0.5	2.479	1.5	71.0	-68.0	86.9	303.0	86.9	71.0	2.479
696	ROY1_100_0375e	1.0	0.625	0.882	71.1	32.0	53.1	62.0	58.8	62.0	71.1	0.882
697	R33Y_100_0375e	1.0	0.625	1.025	72.2	34.2	32.4	49.3	41.0	49.3	72.2	1.025
698	ROY1_100_0375e	1.0	0.625	1.167	73.3	37.2	32.4	32.4	25.4	32.4	73.3	1.167
699	B63R_100_0375e	1.0	0.625	1.311	74.4	40.8	2.2	30.5	4.3	30.5	74.4	1.311
700	B56R_100_0375e	1.0	0.625	1.455	75.5	44.2	-7.6	32.9	346.6	44.2	75.5	1.455
701	B50R_100_0375e	1.0	0.625	1.600	76.6	48.0	-14.3	41.3	328.6	48.0	76.6	1.600
702	R26Y_100_0500e	1.0	1.0	1.684	0.0	73.5	18.4	77.7	79.8	77.7	73.5	1.684
703	R18Y_100_0500e	1.0	1.0	1.762	0.125	74.6	67.1	69.5	74.4	69.5	74.6	1.762
704	B63R_100_0500e	1.0	1.0	1.840	0.25	75.7	46.3	57.1	51.1	57.1	75.7	1.840
705	B56R_100_0500e	1.0	1.0	1.918	0.375	76.8	35.1	44.2	40.2	44.2	76.8	1.918
706	B50Y_100_0500e	1.0	1.0	2.000	0.5	77.9	23.3	38.4	30.2	38.4	77.9	2.000
707	R31Y_100_0375e	1.0	0.375	2.082	0.625	79.0	11.5	26.5	34.4	26.5	79.0	2.082
708	ROY1_100_0250e	1.0	0.25	2.164	0.75	80.1	0.0	21.6	25.4	21.6	80.1	2.164
709	B63R_100_0250e	1.0	0.25	2.246	0.875	81.2	-9.9	22.9	21.1	22.9	81.2	2.246
710	B56R_100_0250e	1.0	0.25	2.328	1.0	82.3	-21.5	34.5	20.0	34.5	82.3	2.328
711	B50Y_100_1000e	1.0	0.0	2.410	1.125	83.4	-34.0	46.0	18.6	46.0	83.4	2.410
712	R33Y_100_1000e	1.0	0.0	2.492	1.25	84.5	-46.5	58.5	7.2	58.5	84.5	2.492
713	R26Y_100_1000e	1.0	0.0	2.574	1.375	85.6	-59.0	71.0	0.0	71.0	85.6	2.574
714	R18Y_100_1000e	1.0	0.0	2.656	1.5	86.7	-71.5	83.5	-14.3	83.5	86.7	2.656
715	ROY1_100_1000e	1.0	0.0	2.738	1.625	87.8	-84.0	96.0	-29.9	96.0	87.8	2.738
716	B63R_100_1000e	1.0	0.0	2.820	1.75	88.9	-96.5	108.5	-44.3	108.5	88.9	2.820
717	B56R_100_1000e	1.0	0.0	2.902	1.875	90.0	-109.0	121.0	-58.8	121.0	90.0	2.902
718	B50Y_100_1000e	1.0	0.0	2.984	2.0	91.1	-121.5	133.5	-71.3	133.5	91.1	2.984
719	ROY1_100_1000e	1.0	0.0	3.066	2.125	92.2	-134.0	146.0	-83.8	146.0	92.2	3.066
720	B63R_100_1000e	1.0	0.0	3.148	2.25	93.3	-146.5	158.5	-96.3	158.5	93.3	3.148
721	B56R_100_1000e	1.0	0.0	3.230	2.375	94.4	-159.0	171.0	-108.8	171.0	94.4	3.230
722	B50Y_100_1000e	1.0	0.0	3.312	2.5	95.5	-171.5	183.5	-121.3	183.5	95.5	3.312
723	ROY1_100_1000e	1.0	0.0	3.394	2.625	96.6	-184.0	196.0	-133.8	196.0	96.6	3.394
724	B63R_100_1000e	1.0	0.0	3.476	2.75	97.7	-196.5	208.5	-146.3	208.5	97.7	3.476
725	B56R_100_1000e	1.0	0.0	3.558	2.875	98.8	-209.0	221.0	-158.8	221.0	98.8	3.558
726	B50Y_100_1000e	1.0	0.0	3.640	3.0	99.9	-221.5	233.5	-171.3	233.5	99.9	3.640
727	ROY1_100_1000e	1.0	0.0	3.722	3.125	101.0	-234.0	246.0	-183.8	246.0	101.0	3.722
728	NW_1000e	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	95.4	0.0

Mean color difference of this page: $\Delta E^*_{ab} = 2.5$



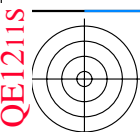
see similar files: <http://130.149.60.45/~farbmetrik/QE12/QE12.HTM>
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



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

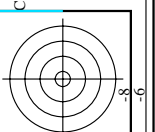
QE120-7N; Page 24/29-F

L-1132330-F0



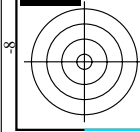
TUB registration: 20130201-QE12/QE12LOFP.PDF /.PS
 application for measurement of display output, no separation

TUB material: code=rha4ta

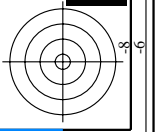


n	HC* _{F0E}	rgb* _{F0E}	icr* _{F0E}	hsa* _{F0E}	rgb* _{F0E}	LabCH* _{F0E}	LabCH* _{F0E}	rgb* _{F0E}	DF* _{F0E}	rgb* _{F0E}	LabCH* _{F0E}	LabCH* _{F0E}
729	NV_1000e	0.875	1.0	1.0	0.875	0.986	1.0	1.0	0.0	0.0	95.4	0.0
730	GS0B_100.012de	0.875	1.0	1.0	0.875	0.986	1.0	1.0	0.0	0.0	95.4	0.0
731	GS0B_100.025de	0.75	1.0	1.0	0.75	0.972	1.0	1.0	0.0	0.0	95.4	0.0
732	GS0B_100.050de	0.625	1.0	1.0	0.625	0.958	1.0	1.0	0.0	0.0	95.4	0.0
733	GS0B_100.075de	0.5	1.0	1.0	0.5	0.945	1.0	1.0	0.0	0.0	95.4	0.0
734	GS0B_100.100de	0.375	1.0	1.0	0.375	0.931	1.0	1.0	0.0	0.0	95.4	0.0
735	GS0B_100.125de	0.25	1.0	1.0	0.25	0.917	1.0	1.0	0.0	0.0	95.4	0.0
736	GS0B_100.150de	0.125	1.0	1.0	0.125	0.903	1.0	1.0	0.0	0.0	95.4	0.0
737	GS0B_100.175de	0.0	1.0	1.0	0.0	0.889	1.0	1.0	0.0	0.0	95.4	0.0
738	ROXY_100.012de	0.875	1.0	1.0	0.875	0.907	0.899	0.899	2.6	3.7	82.3	27.1
739	NV_087de	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.0	0.0	0.0	0.0
740	GS0B_087.012de	0.75	0.875	0.875	0.75	0.861	0.875	0.875	0.0	0.0	0.0	0.0
741	GS0B_087.025de	0.625	0.875	0.875	0.625	0.847	0.875	0.875	0.0	0.0	0.0	0.0
742	GS0B_087.050de	0.5	0.875	0.875	0.5	0.833	0.875	0.875	0.0	0.0	0.0	0.0
743	GS0B_087.075de	0.375	0.875	0.875	0.375	0.819	0.875	0.875	0.0	0.0	0.0	0.0
744	GS0B_087.100de	0.25	0.875	0.875	0.25	0.806	0.875	0.875	0.0	0.0	0.0	0.0
745	GS0B_087.125de	0.125	0.875	0.875	0.125	0.792	0.875	0.875	0.0	0.0	0.0	0.0
746	GS0B_087.150de	0.0	0.875	0.875	0.0	0.778	0.875	0.875	0.0	0.0	0.0	0.0
747	ROXY_087.012de	0.875	0.75	0.75	0.875	0.75	0.782	0.779	9.7	4.6	10.8	25.4
748	NV_075de	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.0	0.0	0.0	0.0
749	GS0B_075.012de	0.625	0.75	0.75	0.625	0.736	0.75	0.75	0.0	0.0	0.0	0.0
750	GS0B_075.025de	0.5	0.75	0.75	0.5	0.722	0.75	0.75	0.0	0.0	0.0	0.0
751	GS0B_075.050de	0.375	0.75	0.75	0.375	0.708	0.75	0.75	0.0	0.0	0.0	0.0
752	GS0B_075.075de	0.25	0.75	0.75	0.25	0.695	0.75	0.75	0.0	0.0	0.0	0.0
753	GS0B_075.100de	0.125	0.75	0.75	0.125	0.681	0.75	0.75	0.0	0.0	0.0	0.0
754	GS0B_075.125de	0.0	0.75	0.75	0.0	0.667	0.75	0.75	0.0	0.0	0.0	0.0
755	ROXY_075.012de	0.875	0.625	0.625	0.875	0.625	0.723	0.727	15.9	3.2	15.9	3.2
756	ROXY_075.025de	0.875	0.625	0.625	0.875	0.625	0.709	0.713	19.3	2.6	19.3	2.6
757	ROXY_075.050de	0.875	0.625	0.625	0.875	0.625	0.695	0.699	22.5	2.0	22.5	2.0
758	NV_062de	0.625	0.625	0.625	0.625	0.625	0.657	0.659	9.7	4.6	10.8	25.4
759	GS0B_062.012de	0.625	0.625	0.625	0.625	0.625	0.657	0.659	9.7	4.6	10.8	25.4
760	GS0B_062.025de	0.5	0.625	0.625	0.5	0.611	0.625	0.625	0.0	0.0	0.0	0.0
761	GS0B_062.050de	0.375	0.625	0.625	0.375	0.597	0.625	0.625	0.0	0.0	0.0	0.0
762	GS0B_062.075de	0.25	0.625	0.625	0.25	0.583	0.625	0.625	0.0	0.0	0.0	0.0
763	GS0B_062.100de	0.125	0.625	0.625	0.125	0.57	0.625	0.625	0.0	0.0	0.0	0.0
764	GS0B_062.125de	0.0	0.625	0.625	0.0	0.556	0.625	0.625	0.0	0.0	0.0	0.0
765	ROXY_100.050de	1.0	0.5	0.5	1.0	0.556	0.631	0.714	39.1	18.6	63.1	25.4
766	ROXY_087.050de	0.875	0.5	0.5	0.875	0.486	0.5	0.598	66.8	29.3	13.8	32.5
767	ROXY_075.050de	0.75	0.5	0.5	0.75	0.472	0.5	0.565	60.4	19.5	9.3	21.6
768	ROXY_062.012de	0.625	0.5	0.5	0.625	0.445	0.5	0.532	54.0	9.7	4.6	10.8
769	NV_050de	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
770	GS0B_050.012de	0.375	0.5	0.5	0.375	0.486	0.5	0.456	4.2	-3.2	5.3	21.6
771	GS0B_050.025de	0.25	0.5	0.5	0.25	0.472	0.5	0.436	-6.4	-10.7	21.6	19.5
772	GS0B_050.050de	0.125	0.5	0.5	0.125	0.458	0.5	0.415	-12.8	-16.0	16.0	16.0
773	GS0B_050.075de	0.0	0.5	0.5	0.0	0.445	0.5	0.395	-15.1	-18.2	11.4	12.8
774	ROXY_100.062de	1.0	0.375	0.375	1.0	0.375	0.509	0.612	39.1	18.6	43.3	25.4
775	ROXY_087.050de	0.875	0.375	0.375	0.875	0.375	0.473	0.483	29.1	13.6	32.5	25.4
776	ROXY_075.050de	0.75	0.375	0.375	0.75	0.375	0.444	0.454	29.1	13.6	32.5	25.4
777	ROXY_062.025de	0.625	0.375	0.375	0.625	0.375	0.407	0.421	9.7	4.6	10.8	25.4
778	NV_037de	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.0	0.0	0.0	0.0
779	GS0B_037.012de	0.25	0.375	0.375	0.25	0.375	0.375	0.375	0.0	0.0	0.0	0.0
780	GS0B_037.025de	0.125	0.375	0.375	0.125	0.361	0.375	0.375	0.0	0.0	0.0	0.0
781	GS0B_037.050de	0.0	0.375	0.375	0.0	0.333	0.375	0.375	0.0	0.0	0.0	0.0
782	ROXY_100.075de	1.0	0.25	0.25	1.0	0.25	0.447	0.620	58.7	27.9	65.0	25.4
783	ROXY_087.025de	0.875	0.25	0.25	0.875	0.25	0.447	0.556	48.9	23.3	54.2	25.4
784	ROXY_075.025de	0.75	0.25	0.25	0.75	0.25	0.431	0.451	18.6	43.3	25.4	25.4
785	ROXY_062.012de	0.625	0.25	0.25	0.625	0.25	0.415	0.435	9.7	4.6	10.8	25.4
786	ROXY_050.012de	0.5	0.25	0.25	0.5	0.249	0.315	0.365	19.5	9.3	21.6	25.4
787	ROXY_037.012de	0.375	0.25	0.25	0.375	0.249	0.282	0.302	9.7	4.6	10.8	25.4
788	NV_025de	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.0	0.0	0.0	0.0
789	GS0B_025.012de	0.125	0.25	0.25	0.125	0.236	0.25	0.238	0.0	0.0	0.0	0.0
790	GS0B_025.025de	0.0	0.25	0.25	0.0	0.222	0.25	0.218	-4.2	-3.2	5.3	21.6
791	GS0B_025.050de	1.0	0.125	0.125	1.0	0.125	0.355	0.564	68.5	32.6	75.8	25.4
792	ROXY_087.075de	0.875	0.125	0.125	0.875	0.125	0.289	0.301	58.7	27.9	65.0	25.4
793	ROXY_075.062de	0.75	0.125	0.125	0.75	0.125	0.262	0.273	48.9	23.3	54.2	25.4
794	ROXY_062.050de	0.625	0.125	0.125	0.625	0.125	0.245	0.256	18.6	43.3	25.4	25.4
795	ROXY_050.050de	0.5	0.125	0.125	0.5	0.124	0.223	0.231	9.3	13.9	32.5	25.4
796	ROXY_037.025de	0.375	0.125	0.125	0.375	0.124	0.197	0.206	9.3	21.6	25.4	25.4
797	ROXY_025.012de	0.25	0.125	0.125	0.25	0.124	0.157	0.162	9.7	4.6	10.8	25.4
798	NV_012de	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.0	0.0	0.0	0.0
799	GS0B_012.012de	0.0	0.125	0.125	0.0	0.111	0.125	0.119	0.0	0.0	0.0	0.0
800	ROXY_100.100de	1.0	0.0	0.0	1.0	0.0	0.263	0.509	78.3	37.3	86.7	25.4
801	ROXY_087.100de	0.875	0.0	0.0	0.875	0.0	0.263	0.443	68.5	32.6	75.8	25.4
802	ROXY_075.100de	0.75	0.0	0.0	0.75	0.0	0.197	0.211	58.7	27.9	65.0	25.4
803	ROXY_062.100de	0.625	0.0	0.0	0.625	0.0	0.164	0.181	48.9	23.3	54.2	25.4
804	ROXY_050.100de	0.5	0.0	0.0	0.5	0.0	0.131	0.154	18.6	43.3	25.4	25.4
805	ROXY_037.100de	0.375	0.0	0.0	0.375	0.0	0.098	0.119	9.3	13.9	32.5	25.4
806	ROXY_025.100de	0.25	0.0	0.0	0.25	0.0	0.065	0.081	12.7	19.5	9.3	21.6
807	ROXY_012.100de	0.125	0.0	0.0	0.125	0.0	0.032	0.043	6.3	9.7	4.6	10.8
808	NV_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
809	NV_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Mean color difference of this page: $\Delta E^*_{ab} = 0.7$



see similar files: <http://130.149.60.45/~farbmetrik/QE12/QE12.HTM>
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



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

QE120-7N; Page 25/29-F

L-1132430-F0

n	HC* _{F0e}	rgb* _{F0e}	ie _{F0e}	hs _{F0e}	rgb* _{F0e}	LabCH* _{F0e}	rgb* _{F0e}	LabCH* _{F0e}	DF* _{F0e}	rgb* _{F0e}	LabCH* _{F0e}
810	NV_100.00e	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
811	BOOR_100.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
812	BOOR_100.025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
813	BOOR_100.037de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
814	BOOR_100.050de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
815	BOOR_100.062de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
816	BOOR_100.075de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
817	BOOR_100.087de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
818	BOOR_100.100de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
819	YOOC_100.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
820	YOOC_100.025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
821	BOOR_087.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
822	BOOR_087.025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
823	BOOR_087.037de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
824	BOOR_087.050de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
825	BOOR_087.062de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
826	BOOR_087.075de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
827	BOOR_087.087de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
828	YOOC_100.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
829	YOOC_100.025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
830	BOOR_075.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
831	BOOR_075.025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
832	BOOR_075.037de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
833	BOOR_075.050de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
834	BOOR_075.062de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
835	BOOR_075.075de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
836	YOOC_100.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
837	YOOC_100.025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
838	YOOC_087.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
839	YOOC_087.025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
840	BOOR_062.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
841	BOOR_062.025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
842	BOOR_062.037de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
843	BOOR_062.050de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
844	BOOR_062.062de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
845	BOOR_062.075de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
846	YOOC_100.050de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
847	YOOC_087.050de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
848	YOOC_075.025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
849	YOOC_062.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
850	NV_050de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
851	BOOR_050.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
852	BOOR_050.025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
853	BOOR_050.037de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
854	BOOR_050.050de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
855	BOOR_050.062de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
856	YOOC_087.050de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
857	YOOC_075.037de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
858	YOOC_062.025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
859	YOOC_050.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
860	NV_037de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
861	BOOR_037.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
862	BOOR_037.025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
863	BOOR_037.037de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
864	YOOC_100.075de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
865	YOOC_087.050de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
866	YOOC_075.037de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
867	YOOC_062.025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
868	YOOC_050.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
869	YOOC_037.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
870	NV_025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
871	BOOR_025.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
872	BOOR_025.025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
873	YOOC_100.087de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
874	YOOC_087.075de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
875	YOOC_075.062de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
876	YOOC_062.050de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
877	YOOC_050.037de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
878	YOOC_037.025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
879	YOOC_025.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
880	NV_012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
881	YOOC_100.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
882	YOOC_100.025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
883	YOOC_087.087de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
884	YOOC_075.075de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
885	YOOC_062.062de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
886	YOOC_050.050de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
887	YOOC_037.037de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
888	YOOC_025.025de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
889	YOOC_012.012de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0
890	NV_000de	0.875	0.875	1.0	0.0	95.4	0.0	95.4	0.0	325.2	0.0

Mean color difference of this page: delta E* = 0.6

TUB-test chart QE12; hue code: H*e=R50Ye colors and differences, ΔE*^{*}

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

TUB registration: 20130201-QE12/QE12LOFP.PDF /.PS application for measurement of display output, no separation

TUB material: code=rha4ta

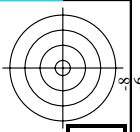
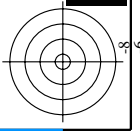
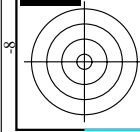


Table with 10 columns: n, H/C*Fde, r/gb*Fde, i/cr*Fde, i/rs*Fde, r/gb*Fde, Lab/C*Fde, Lab/C*Fde, r/gb*Fde, Lab/C*Fde. Rows include various color and grayscale patches like B50R_100_012de, B50R_100_025de, etc.



see similar files: http://130.149.60.45/~farbmetrik/QE12/QE12.HTM technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

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

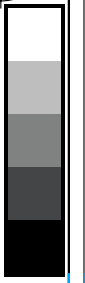
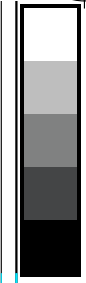
TUB-test chart QE12; hue code: H*=R50Ye colors and differences, AE*
QE120-TN; Page 27/29-F

L-1132630-F0

L-1132630-F0

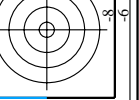
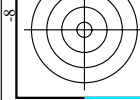
TUB registration: 20130201-QE12/QE12L0FP.PDF /.PS application for measurement of display output, no separation

TUB material: code=rha4ta



n	HC*Fate	rgb*Fate	ict*Fate	hsa*Fate	rgb*Fate	LabCH*Fate	LabCH*Fate	hsa*Fate	rgb*Fate	LabCH*Fate	DF*Fate	rgb*Fate	LabCH*Fate	hsa*Fate	rgb*Fate	LabCH*Fate
1053	NW_086de	0.866	0.866	0.866	0.866	0.866	82.6	0.866	0.866	82.6	0.2	0.866	0.866	0.866	0.866	0.866
1054	NW_093de	0.933	0.933	0.933	0.933	0.933	89.0	0.933	0.933	89.0	0.2	0.933	0.933	0.933	0.933	0.933
1055	NW_100de	1.0	1.0	1.0	1.0	1.0	95.4	1.0	1.0	95.4	0.0	1.0	1.0	1.0	1.0	1.0
1056	NW_006de	0.066	0.066	0.066	0.066	0.066	6.2	0.066	0.066	6.2	0.0	0.066	0.066	0.066	0.066	0.066
1057	NW_013de	0.133	0.133	0.133	0.133	0.133	12.6	0.133	0.133	12.6	0.0	0.133	0.133	0.133	0.133	0.133
1058	NW_020de	0.2	0.2	0.2	0.2	0.2	19.0	0.2	0.2	19.0	0.0	0.2	0.2	0.2	0.2	0.2
1059	NW_026de	0.266	0.266	0.266	0.266	0.266	25.3	0.266	0.266	25.3	0.0	0.266	0.266	0.266	0.266	0.266
1060	NW_033de	0.333	0.333	0.333	0.333	0.333	31.7	0.333	0.333	31.7	0.0	0.333	0.333	0.333	0.333	0.333
1061	NW_040de	0.4	0.4	0.4	0.4	0.4	38.1	0.4	0.4	38.1	0.0	0.4	0.4	0.4	0.4	0.4
1062	NW_046de	0.466	0.466	0.466	0.466	0.466	44.4	0.466	0.466	44.4	0.0	0.466	0.466	0.466	0.466	0.466
1063	NW_053de	0.533	0.533	0.533	0.533	0.533	50.8	0.533	0.533	50.8	0.0	0.533	0.533	0.533	0.533	0.533
1064	NW_059de	0.566	0.566	0.566	0.566	0.566	57.1	0.566	0.566	57.1	0.0	0.566	0.566	0.566	0.566	0.566
1065	NW_066de	0.6	0.6	0.6	0.6	0.6	63.5	0.6	0.6	63.5	0.0	0.6	0.6	0.6	0.6	0.6
1066	NW_073de	0.734	0.734	0.734	0.734	0.734	70.0	0.734	0.734	70.0	0.0	0.734	0.734	0.734	0.734	0.734
1067	NW_080de	0.8	0.8	0.8	0.8	0.8	76.3	0.8	0.8	76.3	0.0	0.8	0.8	0.8	0.8	0.8
1068	NW_086de	0.866	0.866	0.866	0.866	0.866	82.6	0.866	0.866	82.6	0.0	0.866	0.866	0.866	0.866	0.866
1069	NW_093de	0.933	0.933	0.933	0.933	0.933	89.0	0.933	0.933	89.0	0.0	0.933	0.933	0.933	0.933	0.933
1070	NW_100de	1.0	1.0	1.0	1.0	1.0	95.4	1.0	1.0	95.4	0.0	1.0	1.0	1.0	1.0	1.0
1071	NW_006de	0.066	0.066	0.066	0.066	0.066	6.2	0.066	0.066	6.2	0.0	0.066	0.066	0.066	0.066	0.066
1072	NW_013de	0.133	0.133	0.133	0.133	0.133	12.6	0.133	0.133	12.6	0.0	0.133	0.133	0.133	0.133	0.133
1073	NW_020de	0.2	0.2	0.2	0.2	0.2	19.0	0.2	0.2	19.0	0.0	0.2	0.2	0.2	0.2	0.2
1074	NW_026de	0.266	0.266	0.266	0.266	0.266	25.3	0.266	0.266	25.3	0.0	0.266	0.266	0.266	0.266	0.266
1075	NW_033de	0.333	0.333	0.333	0.333	0.333	31.7	0.333	0.333	31.7	0.0	0.333	0.333	0.333	0.333	0.333
1076	NW_040de	0.4	0.4	0.4	0.4	0.4	38.1	0.4	0.4	38.1	0.0	0.4	0.4	0.4	0.4	0.4
1077	NW_046de	0.466	0.466	0.466	0.466	0.466	44.4	0.466	0.466	44.4	0.0	0.466	0.466	0.466	0.466	0.466
1078	NW_053de	0.533	0.533	0.533	0.533	0.533	50.8	0.533	0.533	50.8	0.0	0.533	0.533	0.533	0.533	0.533
1079	NW_059de	0.566	0.566	0.566	0.566	0.566	57.1	0.566	0.566	57.1	0.0	0.566	0.566	0.566	0.566	0.566
1080	NW_066de	0.6	0.6	0.6	0.6	0.6	63.5	0.6	0.6	63.5	0.0	0.6	0.6	0.6	0.6	0.6
1081	NW_073de	0.734	0.734	0.734	0.734	0.734	70.0	0.734	0.734	70.0	0.0	0.734	0.734	0.734	0.734	0.734
1082	NW_080de	0.8	0.8	0.8	0.8	0.8	76.3	0.8	0.8	76.3	0.0	0.8	0.8	0.8	0.8	0.8
1083	NW_086de	0.866	0.866	0.866	0.866	0.866	82.6	0.866	0.866	82.6	0.0	0.866	0.866	0.866	0.866	0.866
1084	NW_093de	0.933	0.933	0.933	0.933	0.933	89.0	0.933	0.933	89.0	0.0	0.933	0.933	0.933	0.933	0.933
1085	NW_100de	1.0	1.0	1.0	1.0	1.0	95.4	1.0	1.0	95.4	0.0	1.0	1.0	1.0	1.0	1.0
1086	ROY_100_100de	1.0	1.0	1.0	1.0	1.0	95.4	1.0	1.0	95.4	0.0	1.0	1.0	1.0	1.0	1.0
1087	G50B_100_100de	1.0	1.0	1.0	1.0	1.0	95.4	1.0	1.0	95.4	0.0	1.0	1.0	1.0	1.0	1.0
1088	Y06C_100_100de	1.0	1.0	1.0	1.0	1.0	95.4	1.0	1.0	95.4	0.0	1.0	1.0	1.0	1.0	1.0
1089	B06B_100_100de	1.0	1.0	1.0	1.0	1.0	95.4	1.0	1.0	95.4	0.0	1.0	1.0	1.0	1.0	1.0
1090	B08B_100_100de	1.0	1.0	1.0	1.0	1.0	95.4	1.0	1.0	95.4	0.0	1.0	1.0	1.0	1.0	1.0
1091	B50B_100_100de	1.0	1.0	1.0	1.0	1.0	95.4	1.0	1.0	95.4	0.0	1.0	1.0	1.0	1.0	1.0

Mean color difference of this page: delta E** = 0.3



see similar files: <http://130.149.60.45/~farbmetrik/QE12/QE12.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

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

TUB-test chart QE12; hue code: H*_e=R50Y_e
colors and differences, ΔE***