

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

$H^*_- = R50Y_-$

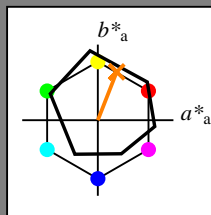
Data for any device (d) or elementary (e) colour:

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_

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

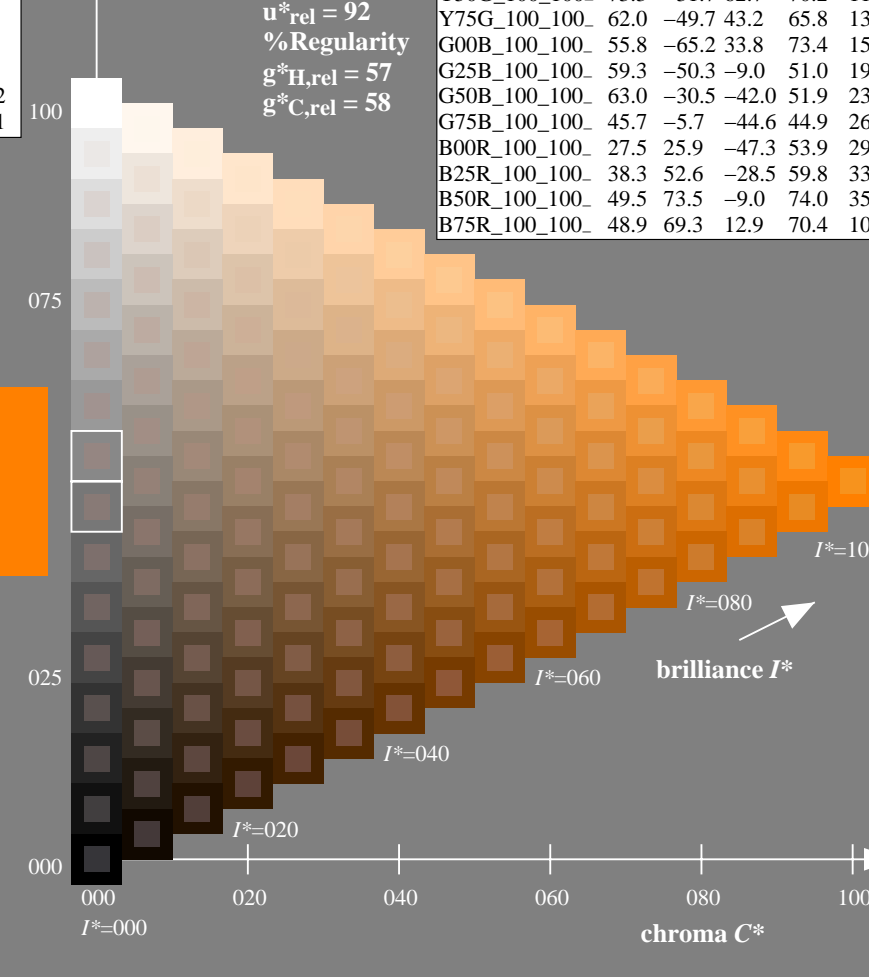
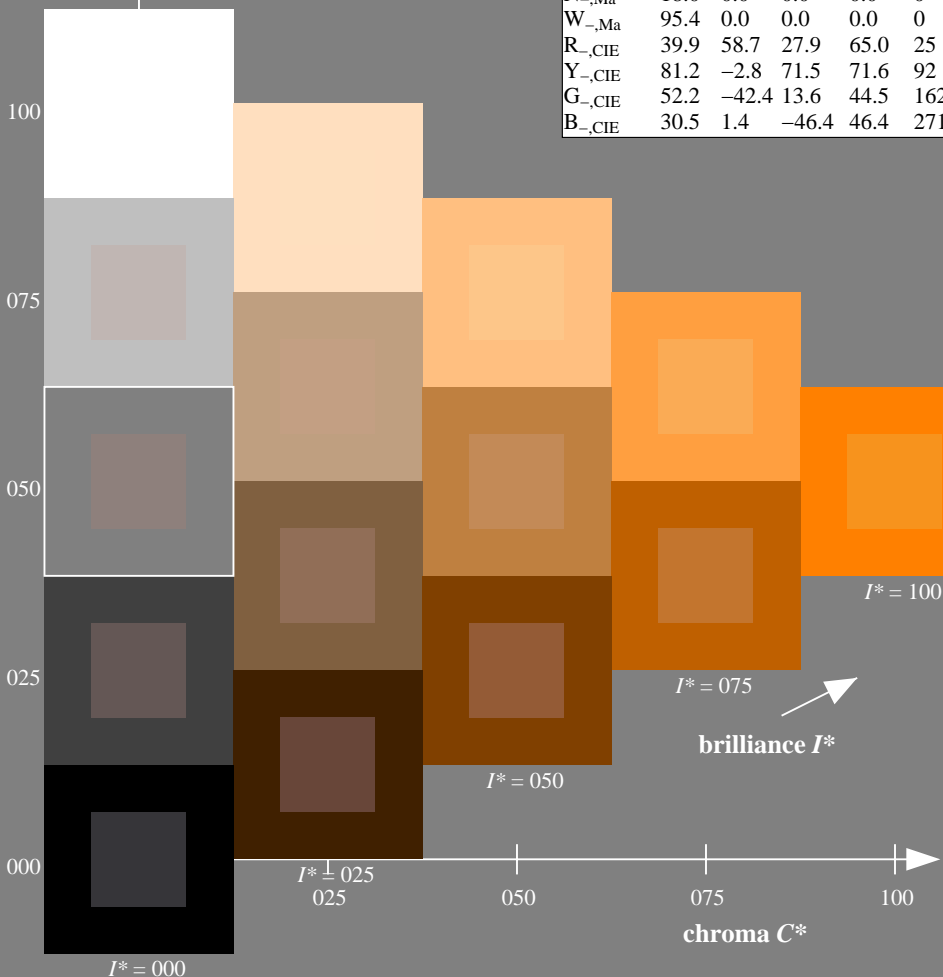
1.0 0.5 0.0 1.0 1.0

triangle lightness T^*

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

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



see similar files: <http://130.149.60.45/~farbmetrik/QE11/QE11L0FA.TXT> /PS
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE11/QE11L0FA.TXT /PS
 application for measurement of display output

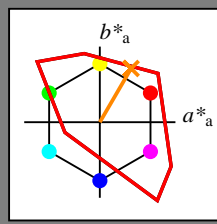
TUB material: code=rh4ta

Input and Output: Television Luminous System TLS00a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 59/360 = 0.16$

$H^*_d = R50Y_d$

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

HIC^*_d
hue text for the colours of this page:
 $H^*_d = R50Y_d$
triangle lightness T^*



TLS00a; adapted (a) CIELAB data

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d,Ma}	50.4	76.9	64.5	100.4	40
Y _{d,Ma}	92.6	-20.7	90.7	93.0	102
G _{d,Ma}	83.6	-82.7	79.8	115.0	136
C _{d,Ma}	86.8	-46.1	-13.5	48.1	196
B _{d,Ma}	30.3	76.0	-103.5	128.5	306
M _{d,Ma}	57.2	94.3	-58.4	110.9	328
N _{d,Ma}	0.0	0.0	0.0	0.0	0
W _{d,Ma}	95.4	0.0	0.0	0.0	0
R _{d,CIE}	39.9	58.7	27.9	65.0	25
Y _{d,CIE}	81.2	-2.8	71.5	71.6	92
G _{d,CIE}	52.2	-42.4	13.6	44.5	162
B _{d,CIE}	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):

$LabCh^*_{d,Ma}$: 63 41 71 82 59

$HIC^*_{d,Ma}$: R50Y_100_100d

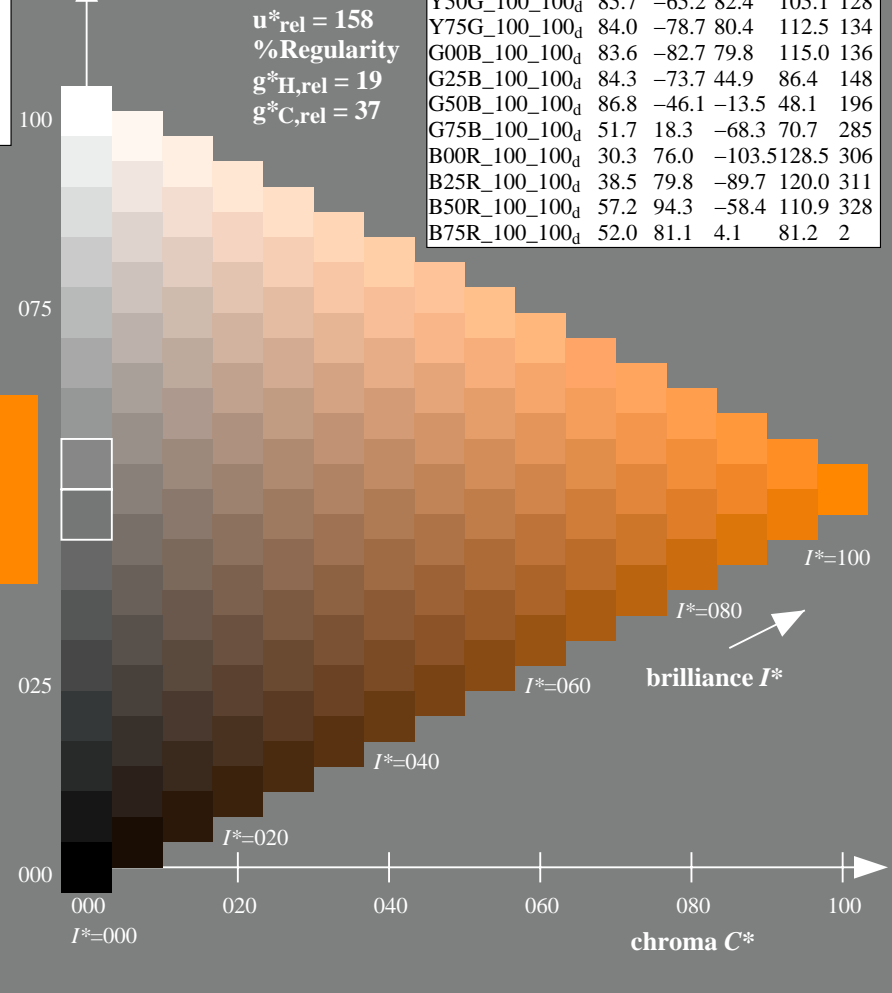
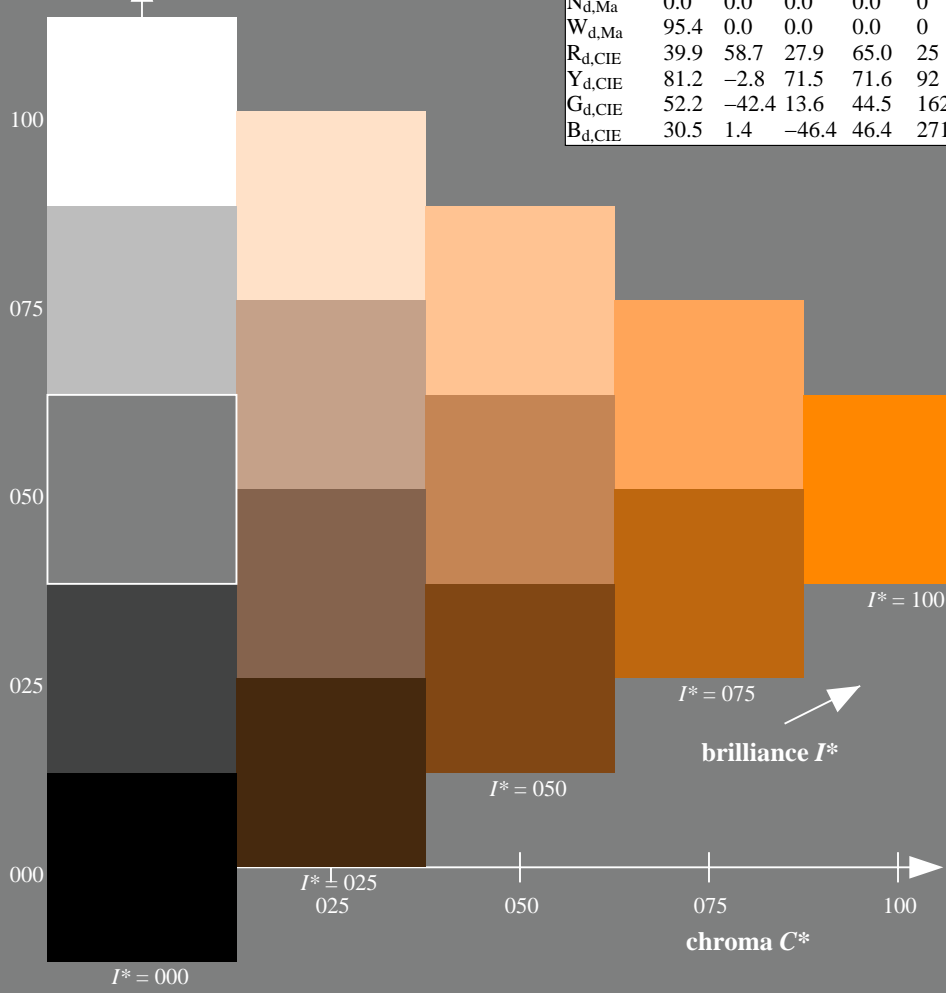
$rgbic^*_{d,Ma}$: 1.0 0.5 0.0 1.0 1.0

triangle lightness T^*

TLS00a; adapted (a) CIELAB data

H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100d	50.4	76.9	64.5	100.4	40
R25Y_100_100d	53.7	67.6	65.8	94.4	44
R50Y_100_100d	63.6	41.3	71.0	82.2	59
R75Y_100_100d	78.2	7.8	80.6	81.0	84
Y00G_100_100d	92.6	-20.7	90.7	93.0	102
Y25G_100_100d	88.7	-43.3	86.2	96.5	116
Y50G_100_100d	85.7	-65.2	82.4	105.1	128
Y75G_100_100d	84.0	-78.7	80.4	112.5	134
G00B_100_100d	83.6	-82.7	79.8	115.0	136
G25B_100_100d	84.3	-73.7	44.9	86.4	148
G50B_100_100d	86.8	-46.1	-13.5	48.1	196
G75B_100_100d	51.7	18.3	-68.3	70.7	285
B00R_100_100d	30.3	76.0	-103.5	128.5	306
B25R_100_100d	38.5	79.8	-89.7	120.0	311
B50R_100_100d	57.2	94.3	-58.4	110.9	328
B75R_100_100d	52.0	81.1	4.1	81.2	2

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

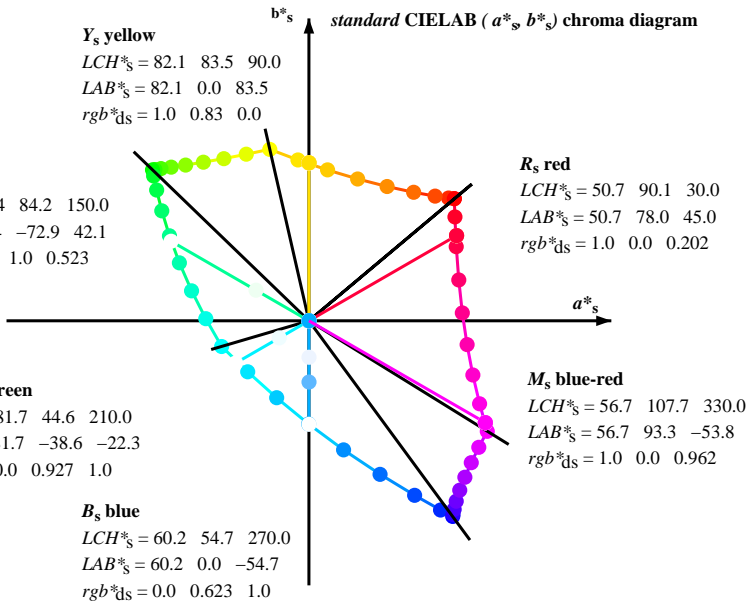
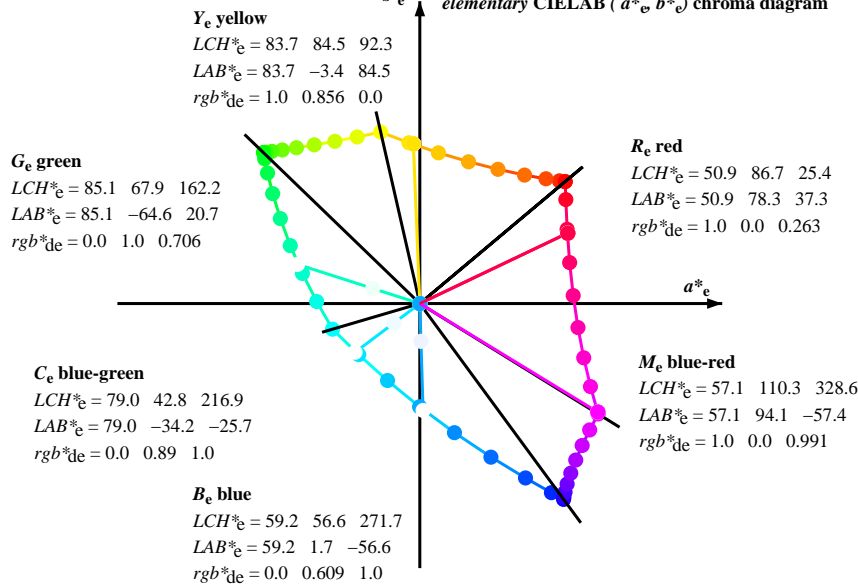
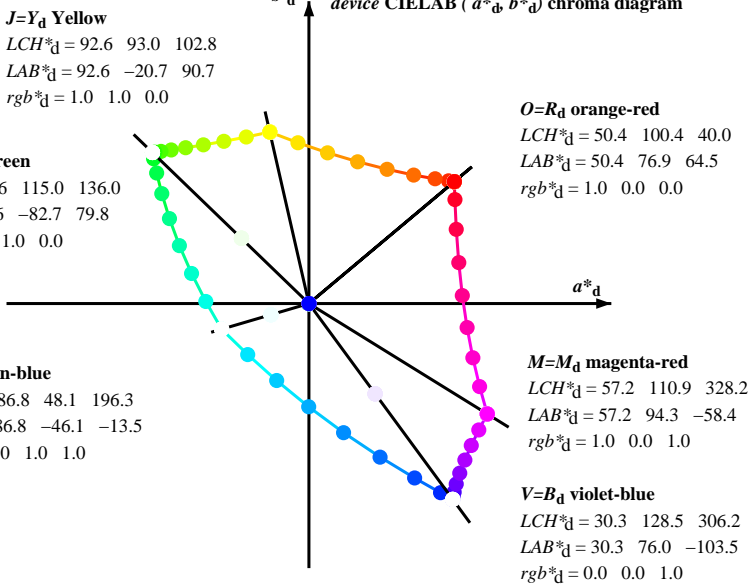


see similar files: <http://130.149.60.45/~farbmetrik/QE11/QE11L0FA.TXT> /PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE11/QE11L0FA.TXT /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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



- Notes to the CIELAB chroma diagrams (a^*_d, b^*_d), (a^*_s, b^*_s), (a^*_e, b^*_e)**
- For the rgb^*_e -input values the CIELAB data LCH^*_e and LAB^*_e have been calculated.
 - For the calculation of the standard hue angle $h_{ab,s}$ use for any device values rgb^*_d the equation:

$$h_{ab,s} = atan [r^*_d \ cos(30) + g^*_d \ cos(150)] / [r^*_d \ sin(30) + g^*_d \ sin(150) + b^*_d \ sin(270)] \quad (1)$$
 - 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/QE11/QE11L0FA.TXT /PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE11/QE11L0FA.TXT /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* _{dd}	LAB* _{dd}	LAB* _{ds}	rgb* _{ds}	LAB* _{ds}	rgb* _{de}	LAB* _{de}	
40.0	30.0	25.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0
41.3	37.5	33.8	1.0	0.125	0.0	51.5	73.9	64.9	98.3	41.3
44.6	45.0	42.1	1.0	0.25	0.0	54.0	66.7	65.9	93.8	44.6
50.7	52.5	50.5	1.0	0.375	0.0	58.2	55.4	67.9	87.7	50.7
59.7	60.0	58.8	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59.7
71.0	67.5	67.2	1.0	0.625	0.0	70.1	25.7	75.0	79.3	71.0
82.9	75.0	75.6	1.0	0.75	0.0	77.2	9.8	79.7	80.4	82.9
93.8	82.5	83.9	1.0	0.875	0.0	84.8	-5.7	85.0	85.2	93.8
102.8	90.0	92.3	1.0	1.0	0.0	92.6	-20.7	90.7	93.0	102.8
110.5	97.5	101.0	0.875	1.0	0.0	90.4	-33.1	88.1	94.1	110.5
117.6	105.0	109.7	0.75	1.0	0.0	88.5	-44.9	85.8	96.8	117.6
123.6	112.5	118.5	0.625	1.0	0.0	86.9	-55.8	83.9	100.7	123.6
128.3	120.0	127.2	0.5	1.0	0.0	85.7	-65.2	82.4	105.1	128.3
131.8	127.5	136.0	0.375	1.0	0.0	84.7	-72.8	81.2	109.1	131.8
134.1	135.0	144.7	0.25	1.0	0.0	84.1	-78.2	80.5	112.2	134.1
135.5	142.5	153.4	0.125	1.0	0.0	83.7	-81.4	80.0	114.2	135.5
136.0	150.0	162.2	0.0	1.0	0.0	83.6	-82.7	79.8	115.0	136.0
137.0	157.5	169.0	0.0	1.0	0.125	83.6	-82.1	76.6	112.3	137.0
139.3	165.0	175.9	0.0	1.0	0.25	83.8	-80.5	69.1	106.1	139.3
143.2	172.5	182.7	0.0	1.0	0.375	84.0	-77.8	58.1	97.1	143.2
148.6	180.0	189.6	0.0	1.0	0.5	84.3	-73.7	44.9	86.4	148.6
155.8	187.5	196.4	0.0	1.0	0.625	84.7	-68.5	30.6	75.0	155.8
165.6	195.0	203.2	0.0	1.0	0.75	85.3	-62.0	15.9	64.0	165.6
178.8	202.5	210.1	0.0	1.0	0.875	86.0	-54.5	1.0	54.5	178.8
196.3	210.0	216.9	0.0	1.0	1.0	86.8	-46.1	-13.5	48.1	196.3
219.8	217.5	223.8	0.0	0.875	1.0	77.9	-32.3	-27.0	42.1	219.8
247.2	225.0	230.6	0.0	0.75	1.0	69.1	-17.0	-40.6	44.2	247.2
269.8	232.5	237.5	0.0	0.625	1.0	60.3	-0.1	-54.6	54.6	269.8
285.0	240.0	244.3	0.0	0.5	1.0	51.7	18.3	-68.3	70.7	285.0
294.8	247.5	251.2	0.0	0.375	1.0	43.8	37.6	-81.2	89.5	294.8
301.1	255.0	258.0	0.0	0.25	1.0	37.1	55.9	-92.3	107.9	301.1
304.8	262.5	264.8	0.0	0.125	1.0	32.4	69.5	-100.0	121.8	304.8
306.2	270.0	271.7	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2
306.6	277.5	278.8	0.125	0.0	1.0	31.0	76.2	-102.4	127.7	306.6
307.5	285.0	285.9	0.25	0.0	1.0	32.6	76.8	-99.7	126.0	307.5
309.2	292.5	293.0	0.375	0.0	1.0	35.1	77.9	-95.5	123.3	309.2
311.6	300.0	300.1	0.5	0.0	1.0	38.5	79.8	-89.7	120.0	311.6
314.8	307.5	307.2	0.625	0.0	1.0	42.7	82.5	-82.7	116.0	314.8
318.8	315.0	314.3	0.75	0.0	1.0	47.2	85.8	-75.1	114.0	318.8
323.3	322.5	321.4	0.875	0.0	1.0	52.1	89.8	-66.9	112.0	323.3
328.2	330.0	328.6	1.0	0.0	1.0	57.2	94.3	-58.4	110.9	328.2
334.0	337.5	335.7	1.0	0.0	0.875	55.6	90.3	-43.9	100.4	334.0
341.6	345.0	342.8	1.0	0.0	0.75	54.2	86.7	-28.6	91.3	341.6
351.4	352.5	349.9	1.0	0.0	0.625	53.0	83.6	-12.6	84.6	351.4
362.9	360.0	357.0	1.0	0.0	0.5	52.0	81.1	4.1	81.2	362.9
375.2	367.5	364.1	1.0	0.0	0.375	51.3	79.2	21.6	82.1	375.2
386.7	375.0	371.2	1.0	0.0	0.25	50.8	77.9	39.2	87.2	386.7
395.4	382.5	378.3	1.0	0.0	0.125	50.6	77.2	54.9	94.8	395.4
400.0	390.0	385.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	400.0

1-103330-L0 QE110-72 LAB*la0, YN=0%, XYZnw=0.0, 0.0, 0.0, 84.2, 88.6, 96.5, LAB*nw=0.0, 0.0, 0.0, 95.4, 0.0, 0.0

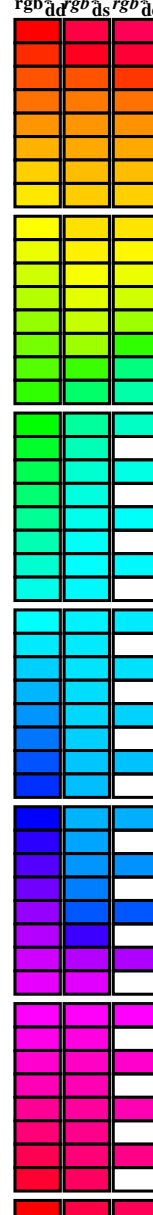
Output: sRGB standard device; no separation, D65, page 4/29

TUB-test chart QE11; hue code: H*_d=R50Yd
 48 step hue circles; rgb-LabCh*tables

input: rgb/cmyk -> rgb_{dd}
 output: 3D-linearization to rgb*_dd

TUB registration: 20130201-QE11/QE11L0FA.TXT /PS
 application for measurement of display output, no separation

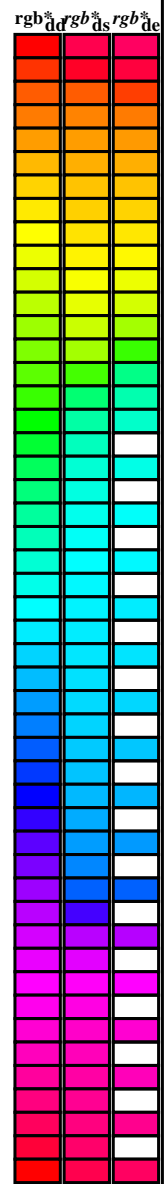
TUB material: code=rh4ta



see similar files: http://130.149.60.45/~farbmetrik/QE11/QE11L0FA.TXT /PS
 technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

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	0.0 0.735	0.0 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	0.0 0.65	0.0 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	0.0 0.618	0.0 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	0.0 0.533	0.0 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	0.0 0.441	0.0 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	0.0 0.361	0.0 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 0.263 50.9	78.3 37.3 86.7 385



see similar files: http://130.149.60.45/~farbmetrik/QE11/QE11L0FA.TXT /PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE11/QE11L0FA.TXT /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 [*] _{dd} 361M	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 0.0 0.203 50.8 78.0 45.1 90.1 30		1.0 0.0 0.0	1.0 0.0 0.263 50.9 78.3 37.3 86.7 25		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 0.0 0.189 50.7 78.0 46.9 91.0 31		1.0 0.017 0.0	1.0 0.0 0.251 50.9 78.0 39.0 87.2 26		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 0.0 0.174 50.7 77.9 48.7 91.8 32		1.0 0.033 0.0	1.0 0.0 0.236 50.8 78.0 41.0 88.1 27		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 0.0 0.16 50.7 77.7 50.5 92.7 33		1.0 0.05 0.0	1.0 0.0 0.22 50.8 78.1 43.0 89.1 28		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 0.0 0.146 50.6 77.6 52.3 93.6 34		1.0 0.067 0.0	1.0 0.0 0.204 50.8 78.0 44.9 90.1 29		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 0.0 0.131 50.6 77.3 54.2 94.4 35		1.0 0.083 0.0	1.0 0.0 0.188 50.7 78.0 46.9 91.0 31		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 0.0 0.11 50.6 77.3 56.1 95.5 36		1.0 0.1 0.0	1.0 0.0 0.172 50.7 77.9 49.0 92.0 32		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 0.0 0.082 50.6 77.2 58.2 96.7 37		1.0 0.117 0.0	1.0 0.0 0.156 50.7 77.7 51.0 92.9 33		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 0.0 0.055 50.5 77.2 60.3 98.0 38		1.0 0.133 0.0	1.0 0.0 0.14 50.6 77.5 53.0 93.9 34		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 0.0 0.028 50.5 77.1 62.4 99.2 39		1.0 0.15 0.0	1.0 0.0 0.123 50.6 77.2 55.1 94.9 35		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 0.0 0.0 50.5 76.9 64.6 100.4 40		1.0 0.167 0.0	1.0 0.0 0.093 50.6 77.3 57.4 96.3 36		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 0.095 0.0 51.3 74.6 64.9 98.9 41		1.0 0.183 0.0	1.0 0.0 0.062 50.5 77.2 59.7 97.6 37		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 0.151 0.0 52.1 72.4 65.2 97.5 42		1.0 0.2 0.0	1.0 0.0 0.032 50.5 77.1 62.1 99.0 38		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 0.188 0.0 52.8 70.3 65.5 96.1 43		1.0 0.217 0.0	1.0 0.0 0.001 50.5 76.9 64.5 100.4 39		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 0.225 0.0 53.6 68.2 65.8 94.8 44		1.0 0.233 0.0	1.0 0.102 0.0 51.4 74.4 64.9 98.8 41		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 0.256 0.0 54.3 66.1 66.1 93.5 45		1.0 0.25 0.0	1.0 0.157 0.0 52.2 72.0 65.3 97.2 42		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 0.277 0.0 55.0 64.3 66.6 92.5 46		1.0 0.267 0.0	1.0 0.199 0.0 53.0 69.6 65.6 95.7 43		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 0.297 0.0 55.6 62.4 66.9 91.5 47		1.0 0.283 0.0	1.0 0.24 0.0 53.9 67.3 65.9 94.2 44		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 0.318 0.0 56.3 60.6 67.3 90.5 48		1.0 0.3 0.0	1.0 0.267 0.0 54.7 65.1 66.4 93.0 45		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 0.338 0.0 57.0 58.7 67.6 89.5 49		1.0 0.317 0.0	1.0 0.29 0.0 55.4 63.1 66.8 91.9 46		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 0.359 0.0 57.7 56.9 67.8 88.5 50		1.0 0.333 0.0	1.0 0.313 0.0 56.2 61.0 67.2 90.8 47		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 0.378 0.0 58.3 55.1 68.1 87.6 51		1.0 0.35 0.0	1.0 0.336 0.0 56.9 59.0 67.5 89.7 48		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 0.392 0.0 58.9 53.6 68.6 87.0 52		1.0 0.367 0.0	1.0 0.358 0.0 57.7 56.9 67.8 88.6 49		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 0.406 0.0 59.6 52.0 69.0 86.4 53		1.0 0.383 0.0	1.0 0.379 0.0 58.4 55.0 68.1 87.6 51		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 0.42 0.0 60.2 50.4 69.4 85.8 54		1.0 0.4 0.0	1.0 0.395 0.0 59.1 53.2 68.7 86.9 52		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 0.433 0.0 60.8 48.8 69.8 85.2 55		1.0 0.417 0.0	1.0 0.41 0.0 59.7 51.5 69.1 86.2 53		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 0.447 0.0 61.4 47.3 70.1 84.5 56		1.0 0.433 0.0	1.0 0.426 0.0 60.4 49.7 69.6 85.5 54		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 0.461 0.0 62.0 45.7 70.4 83.9 57		1.0 0.45 0.0	1.0 0.441 0.0 61.1 48.0 69.9 84.8 55		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 0.475 0.0 62.6 44.1 70.7 83.3 58		1.0 0.467 0.0	1.0 0.457 0.0 61.8 46.2 70.3 84.1 56		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 0.489 0.0 63.2 42.6 70.9 82.7 59		1.0 0.483 0.0	1.0 0.472 0.0 62.5 44.5 70.6 83.4 57		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 0.502 0.0 63.8 41.1 71.2 82.2 60		1.0 0.5 0.0	1.0 0.488 0.0 63.1 42.8 70.9 82.8 58		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 0.513 0.0 64.4 39.7 71.6 81.9 61		1.0 0.517 0.0	1.0 0.502 0.0 63.8 41.1 71.2 82.2 60		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 0.525 0.0 64.9 38.3 72.1 81.7 62		1.0 0.533 0.0	1.0 0.515 0.0 64.4 39.5 71.7 81.9 61		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 0.536 0.0 65.5 37.0 72.5 81.4 63		1.0 0.55 0.0	1.0 0.527 0.0 65.1 38.0 72.2 81.6 62		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 0.547 0.0 66.1 35.6 72.9 81.1 64		1.0 0.567 0.0	1.0 0.54 0.0 65.7 36.5 72.7 81.3 63		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 0.558 0.0 66.7 34.2 73.3 80.9 65		1.0 0.583 0.0	1.0 0.552 0.0 66.4 34.9 73.1 81.0 64		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 0.569 0.0 67.2 32.8 73.7 80.6 66		1.0 0.6 0.0	1.0 0.564 0.0 67.0 33.4 73.5 80.7 65		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 0.58 0.0 67.8 31.4 74.0 80.4 67		1.0 0.617 0.0	1.0 0.577 0.0 67.6 31.8 73.9 80.5 66		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 0.591 0.0 68.4 30.0 74.3 80.1 68		1.0 0.633 0.0	1.0 0.589 0.0 68.3 30.3 74.2 80.2 67		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 0.602 0.0 69.0 28.6 74.6 79.9 69		1.0 0.65 0.0	1.0 0.602 0.0 68.9 28.7 74.5 79.9 68		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 0.614 0.0 69.5 27.2 74.8 79.6 70		1.0 0.667 0.0	1.0 0.614 0.0 69.5 27.2 74.8 79.6 70		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 0.625 0.0 70.1 25.8 75.0 79.4 71		1.0 0.683 0.0	1.0 0.626 0.0 70.2 25.6 75.1 79.4 71		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 0.635 0.0 70.7 24.5 75.6 79.4 72		1.0 0.7 0.0	1.0 0.638 0.0 70.9 24.2 75.7 79.5 72		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 0.646 0.0 71.3 23.3 76.1 79.5 73		1.0 0.717 0.0	1.0 0.65 0.0 71.5 22.8 76.2 79.6 73		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 0.656 0.0 71.9 21.9 76.5 79.6 74		1.0 0.733 0.0	1.0 0.661 0.0 72.2 21.3 76.8 79.7 74		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 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				

1-103530-L0 QE110-72 LAB*la0, YN=0%, XYZnw=0.0, 0.0, 0.0, 84.2, 88.6, 96.5, LAB*nw=0.0, 0.0, 0.0, 95.4, 0.0, 0.0

Output: sRGB standard device; no separation, D65, page 6/29

TUB-test chart QE11; hue code: H*d=R50Yd
48 step hue circles; rgb-LabCh*tables

input: rgb/cmyk -> rgb_{dd}
output: 3D-linearization to rgb*_{dd}

see similar files: http://130.149.60.45/~farbmetrik/QE11/QE11.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE11/QE11L0FA.TXT /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 [*] _{dd361M}	LAB [*] _{ddx361Mi (x=LabCh)}	rgb [*] _{ds361Mi}	LAB [*] _{dsx361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	rgb [*] _{de361Mi}	LAB [*] _{dex361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	rgb [*] _{dd361Mi}	rgb [*] _{ds361Mi}	rgb [*] _{de361Mi}
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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	0.567 1.0 0.0			
126	117	123	0.55 1.0 0.0	86.2 -61.4 83.1 103.3 126	0.761 1.0 0.0	88.7 -43.8 86.1 96.6 117	0.55 1.0 0.0	0.621 1.0 0.0	86.9 -56.0 83.9 100.9 123	0.55 1.0 0.0			
127	118	124	0.533 1.0 0.0	86.0 -62.7 82.9 103.9 127	0.742 1.0 0.0	88.4 -45.5 85.8 97.1 118	0.533 1.0 0.0	0.59 1.0 0.0	86.6 -58.3 83.6 102.0 124	0.533 1.0 0.0			
127	119	126	0.516 1.0 0.0	85.8 -63.9 82.6 104.5 127	0.721 1.0 0.0	88.2 -47.3 85.5 97.8 119	0.517 1.0 0.0	0.56 1.0 0.0	86.3 -60.6 83.3 103.1 126	0.517 1.0 0.0			
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			

rgb [*] _{dd}	rgb [*] _{ds}	rgb [*] _{de}
1.0 0.75 0.0		
1.0 0.767 0.0		
1.0 0.783 0.0		
1.0 0.8 0.0		
1.0 0.817 0.0		
1.0 0.833 0.0		
1.0 0.85 0.0		
1.0 0.867 0.0		
1.0 0.883 0.0		
1.0 0.9 0.0		
1.0 0.917 0.0		
1.0 0.933 0.0		
1.0 0.95 0.0		
1.0 0.967 0.0		
1.0 0.983 0.0		
1.0 1.0 0.0		
0.983 1.0 0.0		
0.967 1.0 0.0		
0.95 1.0 0.0		
0.933 1.0 0.0		
0.917 1.0 0.0		
0.9 1.0 0.0		
0.883 1.0 0.0		
0.867 1.0 0.0		
0.85 1.0 0.0		
0.833 1.0 0.0		
0.817 1.0 0.0		
0.8 1.0 0.0		
0.783 1.0 0.0		
0.767 1.0 0.0		
0.75 1.0 0.0		
0.733 1.0 0.0		
0.717 1.0 0.0		
0.7 1.0 0.0		
0.683 1.0 0.0		
0.667 1.0 0.0		
0.65 1.0 0.0		
0.633 1.0 0.0		
0.617 1.0 0.0		
0.6 1.0 0.0		
0.583 1.0 0.0		
0.567 1.0 0.0		
0.55 1.0 0.0		
0.533 1.0 0.0		
0.517 1.0 0.0		
0.5 1.0 0.0		

see similar files: http://130.149.60.45/~farbmetrik/QE11/QE11L0FA.TXT /PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE11/QE11L0FA.TXT /PS
application for measurement of display output, no separation
TUB material: code=rh4t4

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* _{dd} 361M	LAB* _{dd} 361Mi (x=LabCh)	rgb* _{ds} 361Mi	LAB* _{ds} 361Mi (x=LabCh)	rgb* _{de} 361Mi	LAB* _{de} 361Mi (x=LabCh)	rgb* _{dd} 361Mi	LAB* _{dd} 361Mi	rgb* _{ds} 361Mi	LAB* _{ds} 361Mi	rgb* _{de} 361Mi	LAB* _{de} 361Mi																							
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	0.416	1.0	0.0	0.309	1.0	0.0	84.4	-75.6	80.9	110.8	133	0.416	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	0.366	1.0	0.0	0.0	1.0	0.0	0.073	83.7	-82.3	78.0	113.5	136	0.366	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	0.0	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	0.0	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	0.316	1.0	0.0	0.0	1.0	0.0	0.273	83.8	-80.0	67.0	104.5	140	0.316	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	0.0	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	0.0	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	0.266	1.0	0.0	0.0	1.0	0.0	0.383	84.0	-77.5	57.3	96.4	143	0.266	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	0.0	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	0.0	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	0.0	0.125	83.7	-82.1	76.6	112.3	137	0.216	1.0	0.0	0.0	1.0	0.0	0.464	84.2	-75.0	48.7	89.5	147	0.216	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	0.0	0.178	83.7	-81.4	73.4	109.7	138	0.2	1.0	0.0	0.0	1.0	0.0	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	0.0	0.231	83.8	-80.7	70.3	107.1	139	0.183	1.0	0.0	0.0	1.0	0.0	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	0.0	0.271	83.8	-80.1	67.3	104.7	140	0.166	1.0	0.0	0.0	1.0	0.0	0.533	84.5	-72.5	41.0	83.4	150	0.166	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	0.0	0.303	83.9	-79.4	64.4	102.3	141	0.15	1.0	0.0	0.0	1.0	0.0	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	0.0	0.335	83.9	-78.7	61.6	100.0	142	0.133	1.0	0.0	0.0	1.0	0.0	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	0.0	0.368	84.0	-77.9	58.8	97.7	143	0.116	1.0	0.0	0.0	1.0	0.0	0.593	84.7	-70.0	34.1	77.9	154	0.116	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	0.0	0.393	84.1	-77.3	56.2	95.6	144	0.1	1.0	0.0	0.0	1.0	0.0	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	0.0	0.416	84.1	-76.6	53.7	93.6	145	0.083	1.0	0.0	0.0	1.0	0.0	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	0.0	0.439	84.2	-75.9	51.3	91.7	146	0.066	1.0	0.0	0.0	1.0	0.0	0.646	84.9	-67.5	27.9	73.2	157	0.066	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	0.0	0.462	84.2	-75.1	48.8	89.7	147	0.049	1.0	0.0	0.0	1.0	0.0	0.661	85.0	-66.9	26.1	71.9	158	0.049	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	0.0	0.485	84.3	-74.3	46.5	87.7	148	0.033	1.0	0.0	0.0	1.0	0.0	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	0.0	0.506	84.4	-73.5	44.2	85.9	149	0.016	1.0	0.0	0.0	1.0	0.0	0.691	85.1	-65.4	22.5	69.2	161	0.016	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	0.0	0.523	84.4	-72.9	42.1	84.3	150	G _s	0.0	1.0	0.0	0.0	1.0	0.0	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	0.0	0.541	84.5	-72.3	40.1	82.7	151	0.0	1.0	0.017	0.0	1.0	0.0	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	0.0	0.558	84.5	-71.6	38.1	81.2	152	0.0	1.0	0.033	0.0	1.0	0.0	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	0.0	0.575	84.6	-70.8	36.1	79.6	153	0.0	1.0	0.05	0.0	1.0	0.0	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	0.0	0.592	84.7	-70.0	34.2	78.0	154	0.0	1.0	0.067	0.0	1.0	0.0	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	0.0	0.61	84.7	-69.2	32.3	76.5	155	0.0	1.0	0.083	0.0	1.0	0.0	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	0.0	0.629	84.8	-68.4	30.5	74.9	156	0.0	1.0	0.1	0.0	1.0	0.0	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	0.0	0.639	84.9	-67.8	28.8	73.8	157	0.0	1.0	0.117	0.0	1.0	0.0	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	0.0	0.652	84.9	-67.3	27.2	72.7	158	0.0	1.0	0.1															

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;

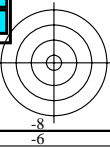
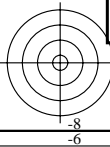
Six hue angles of the device colours RYGBM_d; h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2; Six hue angles of the elementary colours RYGBM_e; h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* _{dd361M}	LAB* _{ddx361Mi (x=LabCh)}	rgb* _{ds361Mi}	LAB* _{dsx361Mi (x=LabCh)}	rgb* _{dd361Mi}	rgb* _{de361Mi}	LAB* _{dex361Mi (x=LabCh)}	rgb* _{dd361Mi}	rgb* _{dd361Mi}	rgb* _{dd}	rgb* _{ds}	rgb* _{de}
139	165	175	0.0	1.0	0.25	83.8	-80.5	69.1	106.1	139	0.0	1.0	0.25	83.8
139	166	176	0.0	1.0	0.266	83.8	-80.2	67.6	104.9	139	0.0	1.0	0.267	83.8
140	167	177	0.0	1.0	0.283	83.8	-79.9	66.1	103.7	140	0.0	1.0	0.283	83.8
140	168	178	0.0	1.0	0.3	83.8	-79.6	64.6	102.5	140	0.0	1.0	0.3	83.8
141	169	179	0.0	1.0	0.316	83.9	-79.2	63.1	101.3	141	0.0	1.0	0.317	83.9
141	170	180	0.0	1.0	0.333	83.9	-78.8	61.7	100.1	141	0.0	1.0	0.333	83.9
142	171	181	0.0	1.0	0.35	83.9	-78.4	60.2	98.9	142	0.0	1.0	0.35	83.9
142	172	182	0.0	1.0	0.366	84.0	-78.0	58.8	97.7	142	0.0	1.0	0.367	84.0
143	173	183	0.0	1.0	0.383	84.0	-77.6	57.2	96.4	143	0.0	1.0	0.383	84.0
144	174	184	0.0	1.0	0.4	84.0	-77.1	55.4	94.9	144	0.0	1.0	0.4	84.0
145	175	185	0.0	1.0	0.416	84.1	-76.6	53.6	93.5	145	0.0	1.0	0.417	84.1
145	176	185	0.0	1.0	0.433	84.1	-76.1	51.8	92.1	145	0.0	1.0	0.433	84.1
146	177	186	0.0	1.0	0.45	84.2	-75.6	50.0	90.6	146	0.0	1.0	0.45	84.2
147	178	187	0.0	1.0	0.466	84.2	-75.0	48.3	89.2	147	0.0	1.0	0.467	84.2
147	179	188	0.0	1.0	0.483	84.3	-74.4	46.6	87.8	147	0.0	1.0	0.483	84.3
148	180	189	0.0	1.0	0.5	84.3	-73.7	44.9	86.4	148	0.0	1.0	0.5	84.3
149	181	190	0.0	1.0	0.516	84.4	-73.2	42.9	84.8	149	0.0	1.0	0.517	84.4
150	182	191	0.0	1.0	0.533	84.4	-72.6	40.9	83.3	150	0.0	1.0	0.533	84.4
151	183	192	0.0	1.0	0.55	84.5	-71.9	39.0	81.8	151	0.0	1.0	0.55	84.5
152	184	193	0.0	1.0	0.566	84.5	-71.2	37.0	80.3	152	0.0	1.0	0.567	84.5
153	185	194	0.0	1.0	0.583	84.6	-70.5	35.2	78.8	153	0.0	1.0	0.583	84.6
154	186	195	0.0	1.0	0.6	84.6	-69.7	33.3	77.3	154	0.0	1.0	0.6	84.6
155	187	195	0.0	1.0	0.616	84.7	-68.9	31.5	75.8	155	0.0	1.0	0.617	84.7
156	188	196	0.0	1.0	0.633	84.8	-68.1	29.5	74.3	156	0.0	1.0	0.633	84.8
157	189	197	0.0	1.0	0.65	84.8	-67.4	27.4	72.8	157	0.0	1.0	0.65	84.8
159	190	198	0.0	1.0	0.666	84.9	-66.7	25.4	71.3	159	0.0	1.0	0.667	84.9
160	191	199	0.0	1.0	0.683	85.0	-65.8	23.4	69.9	160	0.0	1.0	0.683	85.0
161	192	200	0.0	1.0	0.7	85.1	-65.0	21.4	68.4	161	0.0	1.0	0.7	85.1
163	193	201	0.0	1.0	0.716	85.2	-64.0	19.5	67.0	163	0.0	1.0	0.717	85.2
164	194	202	0.0	1.0	0.733	85.2	-63.1	17.6	65.5	164	0.0	1.0	0.733	85.2
165	195	203	0.0	1.0	0.75	85.3	-62.0	15.9	64.0	165	0.0	1.0	0.75	85.3
167	196	204	0.0	1.0	0.766	85.4	-61.2	13.7	62.8	167	0.0	1.0	0.767	85.4
169	197	205	0.0	1.0	0.783	85.5	-60.4	11.5	61.5	169	0.0	1.0	0.783	85.5
170	198	206	0.0	1.0	0.8	85.6	-59.5	9.5	60.2	170	0.0	1.0	0.8	85.6
172	199	206	0.0	1.0	0.816	85.7	-58.5	7.5	59.0	172	0.0	1.0	0.817	85.7
174	200	207	0.0	1.0	0.833	85.8	-57.4	5.5	57.7	174	0.0	1.0	0.833	85.8
176	201	208	0.0	1.0	0.85	85.9	-56.3	3.7	56.4	176	0.0	1.0	0.85	85.9
177	202	209	0.0	1.0	0.866	86.0	-55.1	1.9	55.2	177	0.0	1.0	0.867	86.0
180	203	210	0.0	1.0	0.883	86.1	-54.1	0.0	54.1	180	0.0	1.0	0.883	86.1
182	204	211	0.0	1.0	0.9	86.2	-53.2	-2.1	53.2	182	0.0	1.0	0.9	86.2
184	205	212	0.0	1.0	0.916	86.3	-52.2	-4.2	52.4	184	0.0	1.0	0.917	86.3
187	206	213	0.0	1.0	0.933	86.4	-51.1	-6.3	51.5	187	0.0	1.0	0.933	86.4
189	207	214	0.0	1.0	0.95	86.5	-50.0	-8.2	50.7	189	0.0	1.0	0.95	86.5
191	208	215	0.0	1.0	0.966	86.6	-48.8	-10.1	49.8	191	0.0	1.0	0.967	86.6
194	209	216	0.0	1.0	0.983	86.7	-47.5	-11.8	48.9	194	0.0	1.0	0.983	86.7
196	210	216	0.0	1.0	1.0	86.8	-46.1	-13.5	48.1	196	0.0	1.0	1.0	86.8

see similar files: http://130.149.60.45/~farbmetrik/QE11/QE11L0FA.TXT /PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE11/QE11L0FA.TXT /PS
application for measurement of display output, no separation

TUB material: code=rh4t4

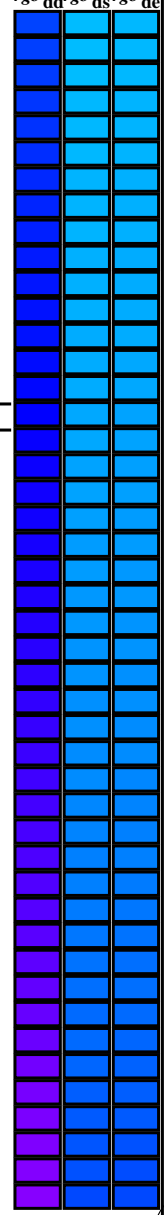


Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_s: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours RYGBCM_d: h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 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* _{dd} 361M	LAB* _{dd} 361Mi (x=LabCh)	C _d	rgb* _{ds} 361Mi	LAB* _{ds} 361Mi (x=LabCh)	210C _s	rgb* _{dd} 361Mi	LAB* _{de} 361Mi	216C _c	rgb* _{dd} 361Mi	rgb* _{dd}	rgb* _{ds}	rgb* _{de}														
196	210	216	0.0	1.0	1.0	86.8	-46.1 -13.5 48.1	196	0.0	0.922	1.0	81.7	-38.6 -22.2 44.7	210C _s	0.0	0.983	1.0	0.0	0.885	1.0	79.1	-34.2 -25.7 42.9	216C _c	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	0.917	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			
202	212	218	0.0	0.966	1.0	84.5	-42.9 -17.9 46.5	202	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			
205	213	219	0.0	0.95	1.0	83.3	-41.1 -19.8 45.7	205	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			
208	214	220	0.0	0.933	1.0	82.1	-39.3 -21.7 44.9	208	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			
212	215	221	0.0	0.916	1.0	80.9	-37.4 -23.4 44.1	212	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			
215	216	222	0.0	0.9	1.0	79.7	-35.4 -24.9 43.3	215	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			
218	217	223	0.0	0.883	1.0	78.5	-33.4 -26.3 42.5	218	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			
221	218	224	0.0	0.866	1.0	77.4	-31.5 -28.1 42.2	221	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			
225	219	225	0.0	0.85	1.0	76.2	-29.9 -30.2 42.5	225	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			
228	220	226	0.0	0.833	1.0	75.0	-28.1 -32.3 42.8	228	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			
232	221	227	0.0	0.816	1.0	73.8	-26.1 -34.2 43.1	232	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			
236	222	227	0.0	0.8	1.0	72.6	-24.0 -36.0 43.3	236	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			
239	223	228	0.0	0.783	1.0	71.4	-21.8 -37.7 43.6	239	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			
243	224	229	0.0	0.766	1.0	70.2	-19.5 -39.3 43.9	243	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			
247	225	230	0.0	0.75	1.0	69.1	-17.0 -40.7 44.1	247	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			
250	226	231	0.0	0.733	1.0	67.9	-15.3 -42.9 45.5	250	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			
253	227	232	0.0	0.716	1.0	66.7	-13.5 -44.9 46.9	253	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			
256	228	233	0.0	0.7	1.0	65.5	-11.4 -46.9 48.3	256	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			
259	229	234	0.0	0.683	1.0	64.4	-9.2 -48.8 49.7	259	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			
262	230	235	0.0	0.666	1.0	63.2	-6.8 -50.6 51.1	262	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			
265	231	236	0.0	0.65	1.0	62.0	-4.2 -52.3 52.5	265	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			
268	232	237	0.0	0.633	1.0	60.9	-1.5 -53.9 53.9	268	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			
270	233	237	0.0	0.616	1.0	59.7	0.8 -55.6 55.7	270	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			
272	234	238	0.0	0.6	1.0	58.6	2.9 -57.7 57.8	272	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			
274	235	239	0.0	0.583	1.0	57.4	5.1 -59.7 59.9	274	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			
276	236	240	0.0	0.566	1.0	56.3	7.4 -61.6 62.1	276	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			
278	237	241	0.0	0.55	1.0	55.2	10.0 -63.5 64.2	278	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			
280	238	242	0.0	0.533	1.0	54.0	12.6 -65.2 66.4	280	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			
283	239	243	0.0	0.516	1.0	52.9	15.4 -66.8 68.5	283	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			
285	240	244	0.0	0.5	1.0	51.7	18.3 -68.3 70.7	285	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			
286	241	245	0.0	0.483	1.0	50.7	20.6 -70.2 73.2	286	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			
287	242	246	0.0	0.466	1.0	49.6	22.9 -72.1 75.7	287	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			
288	243	247	0.0	0.45	1.0	48.6	25.4 -74.0 78.2	288	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			
290	244	248	0.0	0.433	1.0	47.5	28.0 -75.7 80.7	290	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			
291	245	248	0.0	0.416	1.0	46.5	30.6 -77.4 83.2	291	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			
292	246	249	0.0	0.4	1.0	45.4	33.3 -79.0 85.7	292	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			
294	247	250	0.0	0.383	1.0	44.3	36.2 -80.5 88.2	294	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	1.0	67.4	-14.4 -43.8 46.2	251	0.0	0.367	1.0			
295	248	251	0.0	0.366	1.0	43.4	38.7 -82.0 90.7	295	0.0	0.74	1.0	68.4	-16.0 -41.9 45.0	249	0.0	0.35	1.0	0.0	0.721	1.0	67.0	-13.9 -44.4 46.6	252	0.0	0.35	1.0			
296	249	252	0.0	0.35	1.0	42.5	41.0 -83.6 93.2	296	0.0	0.735	1.0	68.0	-15.4 -42.6 45.5	250	0.0	0.333	1.0	0.0	0.716	1.0	66.7	-13.3 -45.0 47.1	253	0.0	0.333	1.0			
296	250	253	0.0	0.333	1.0	41.6	43.4 -85.2 95.6	296	0.0	0.729	1.0	67.7	-14.8 -43.3 45.9	251	0.0	0.317	1.0	0.0	0.71	1.0	66.3	-12.7 -45.6 47.5	254	0.0	0.317	1.0			
297	251	254	0.0	0.316	1.0	40.7	45.8 -86.7 98.1	297	0.0	0.724	1.0	67.3	-14.2 -44.0 46.4	252	0.0	0.3	1.0	0.0	0.705	1.0	66.0	-12.0 -46.2 47.9	255	0.0	0.3	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 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

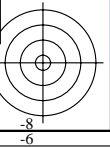
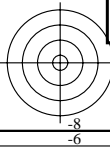
h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb [*] _{dd361M}	LAB [*] _{ddx361Mi (x=LabCh)}	rgb [*] _{ds361Mi}	LAB [*] _{dsx361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	LAB [*] _{de361Mi}	rgb [*] _{dex361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	LAB [*] _{de361Mi}	rgb [*] _{dd361Mi}	rgb [*] _{dd}	rgb [*] _{ds}	rgb [*] _{de}			
301	255	258	0.0	0.25	1.0	37.1	55.9	-92.3	107.9	301	0.0	0.25	1.0	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	0.233	1.0	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	0.216	1.0	0.0	0.216	1.0		
302	258	260	0.0	0.2	1.0	35.2	61.2	-95.5	113.5	302	0.0	0.2	1.0	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	0.183	1.0	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	0.166	1.0	0.0	0.166	1.0		
304	261	263	0.0	0.15	1.0	33.4	66.7	-98.6	119.1	304	0.0	0.15	1.0	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	0.133	1.0	0.0	0.133	1.0		
304	263	265	0.0	0.116	1.0	32.3	70.0	-100.3	123.3	304	0.0	0.116	1.0	0.0	0.116	1.0		
305	264	266	0.0	0.1	1.0	32.0	70.8	-100.8	123.2	305	0.0	0.1	1.0	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	0.083	1.0	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	0.066	1.0	0.0	0.066	1.0		
305	267	269	0.0	0.049	1.0	31.2	73.4	-102.2	125.8	305	0.0	0.049	1.0	0.0	0.049	1.0		
305	268	269	0.0	0.033	1.0	30.9	74.3	-102.6	126.7	305	0.0	0.033	1.0	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	0.016	1.0	0.0	0.016	1.0		
306	270	271	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306	0.0	0.0	1.0	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	0.016	0.0	1.0	0.0	0.016	0.0	1.0
306	272	273	0.033	0.0	1.0	30.5	76.1	-103.3	128.3	306	0.0	0.033	0.0	1.0	0.0	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	0.05	0.0	1.0	0.0	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	0.066	0.0	1.0	0.0	0.066	0.0	1.0
306	275	276	0.083	0.0	1.0	30.8	76.2	-102.8	128.0	306	0.0	0.083	0.0	1.0	0.0	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	0.1	0.0	1.0	0.0	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	0.116	0.0	1.0	0.0	0.116	0.0	1.0
306	278	279	0.133	0.0	1.0	31.1	76.3	-102.3	127.6	306	0.0	0.133	0.0	1.0	0.0	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	0.15	0.0	1.0	0.0	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	0.166	0.0	1.0	0.0	0.166	0.0	1.0
307	281	282	0.183	0.0	1.0	31.7	76.5	-101.2	126.9	307	0.0	0.183	0.0	1.0	0.0	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	0.2	0.0	1.0	0.0	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	0.216	0.0	1.0	0.0	0.216	0.0	1.0
307	284	285	0.233	0.0	1.0	32.3	76.7	-100.1	126.2	307	0.0	0.233	0.0	1.0	0.0	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	0.25	0.0	1.0	0.0	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	0.266	0.0	1.0	0.0	0.266	0.0	1.0
308	287	287	0.283	0.0	1.0	33.2	77.1	-98.6	125.2	308	0.0	0.283	0.0	1.0	0.0	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	0.3	0.0	1.0	0.0	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	0.316	0.0	1.0	0.0	0.316	0.0	1.0
308	290	290	0.333	0.0	1.0	34.3	77.6	-96.9	124.1	308	0.0	0.333	0.0	1.0	0.0	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	0.35	0.0	1.0	0.0	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	0.366	0.0	1.0	0.0	0.366	0.0	1.0
309	293	293	0.383	0.0	1.0	35.3	78.1	-95.1	123.0	309	0.0	0.383	0.0	1.0	0.0	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	0.4	0.0	1.0	0.0	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	0.416	0.0	1.0	0.0	0.416	0.0	1.0
310	296	296	0.433	0.0	1.0	36.7	78.9	-92.7	121.8	310	0.0	0.433	0.0	1.0	0.0	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	0.45	0.0	1.0	0.0	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	0.466	0.0	1.0	0.0	0.466	0.0	1.0
311	299	299	0.483	0.0	1.0	38.1	79.6	-90.4	120.5	311	0.0	0.483	0.0	1.0	0.0	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	0.5	0.0	1.0	0.0	0.5	0.0	1.0



see similar files: http://130.149.60.45/~farbmetrik/QE11/QE11L0FA.TXT /PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE11/QE11L0FA.TXT /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 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* _{dd} 361M	LAB* _{ds} 361Mi (x=LabCh)	rgb* _{ds} 361Mi	LAB* _{dsx} 361Mi (x=LabCh)	rgb* _{dd} 361Mi	LAB* _{de} 361Mi	rgb* _{de} 361Mi	LAB* _{dex} 361Mi (x=LabCh)	rgb* _{dd} 361Mi	rgb* _{dd} 361Mi	rgb* _{ds} 361Mi	rgb* _{de} 361Mi																					
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	304	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	94.6	339	1.0	0.0	0.85	1.0													

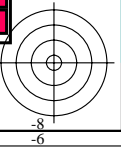
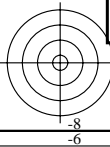
Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_s: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours RYGBM_d: h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 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* 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

TUB registration: 20130201-QE11/QE11L0FA.TXT /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

see similar files: http://130.149.60.45/~farbmetrik/QE11/QE11.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik



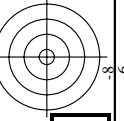
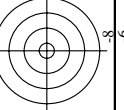
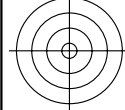


Table with 80 columns (n#1 to n#80) and 80 rows (0 to 80). Each cell contains numerical data representing color differences and linearization parameters. The table is organized into four quadrants by a central cross.



see similar files: http://130.149.60.45/~farbmetrik/QE11/QE11.HTM technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/QE11/QE11LOFA.TXT /PS; 3D-linearization F: 3D-linearization QE11/QE11LE30FA.DAT in file (F), page 16/29

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

QE110-7N; Page 16/29-F

L-1031530-F0

Mean color difference of this page: delta E** = 0.5

TUB registration: 20130201-QE11/QE11LOFA.TXT /.PS application for measurement of display output, no separation

TUB material: code=rha4ta

Table with 24 columns: n, HHC*Ftd, rpb*Ftd, icr*Ftd, hsa*Ftd, rpb*Ftd, LabCh*Ftd, LabCh*Ftd, rpb*Ftd, DE*Ftd, hsa*Ftd, rpb*Ftd, LabCh*Ftd, LabCh*Ftd, rpb*Ftd, LabCh*Ftd, LabCh*Ftd, rpb*Ftd, LabCh*Ftd, LabCh*Ftd, rpb*Ftd, LabCh*Ftd, LabCh*Ftd, rpb*Ftd. Rows 162-242.

delta E*% = 0.6

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

see similar files: http://130.149.60.45/~farbmetrik/QE11/QE11.HTM technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE11/QE11LOFA.TXT / .PS
application for measurement of display output, no separation

TUB material: code=rha4ta

n	HC*Fid	rgb*Fid	icc*Fid	hsv*Fid	rgb*Fid	LabCH*Fid	LabCH*Fid	rgb*Fid	DP*Fid	DP*Fid	LabCH*Fid
405	0.625	0.0	0.625	0.0	0.625	40.0	0.0037	48.5	41.0	63.5	41.0
406	0.625	0.0	0.625	0.0	0.625	40.0	0.0101	31.3	31.4	49.2	31.3
407	0.625	0.0	0.625	0.0	0.625	40.0	0.0099	101.3	31.4	49.2	31.3
408	0.625	0.0	0.625	0.0	0.625	40.0	0.0125	31.9	50.0	12.6	51.6
409	0.625	0.0	0.625	0.0	0.625	40.0	0.0114	32.8	52.5	57.6	51.6
410	0.625	0.0	0.625	0.0	0.625	40.0	0.0149	34.2	55.8	69.2	51.6
411	0.625	0.0	0.625	0.0	0.625	40.0	0.0192	35.7	58.7	82.3	51.6
412	0.625	0.0	0.625	0.0	0.625	40.0	0.0241	38.1	67.2	100.7	51.6
413	0.625	0.0	0.625	0.0	0.625	40.0	0.0304	42.6	84.4	116.7	51.6
414	0.625	0.0	0.625	0.0	0.625	40.0	0.0382	49.1	104.1	131.2	51.6
415	0.625	0.0	0.625	0.0	0.625	40.0	0.0487	61.5	125.1	151.4	51.6
416	0.625	0.0	0.625	0.0	0.625	40.0	0.0625	80.0	151.4	166.6	51.6
417	0.625	0.0	0.625	0.0	0.625	40.0	0.0800	104.1	188.2	188.2	51.6
418	0.625	0.0	0.625	0.0	0.625	40.0	0.1025	136.7	229.7	229.7	51.6
419	0.625	0.0	0.625	0.0	0.625	40.0	0.1313	179.7	279.7	279.7	51.6
420	0.625	0.0	0.625	0.0	0.625	40.0	0.1667	231.3	331.3	331.3	51.6
421	0.625	0.0	0.625	0.0	0.625	40.0	0.2100	286.7	386.7	386.7	51.6
422	0.625	0.0	0.625	0.0	0.625	40.0	0.2625	346.7	436.7	436.7	51.6
423	0.625	0.0	0.625	0.0	0.625	40.0	0.3250	411.7	501.7	501.7	51.6
424	0.625	0.0	0.625	0.0	0.625	40.0	0.3975	481.7	571.7	571.7	51.6
425	0.625	0.0	0.625	0.0	0.625	40.0	0.4800	556.7	646.7	646.7	51.6
426	0.625	0.0	0.625	0.0	0.625	40.0	0.5725	636.7	736.7	736.7	51.6
427	0.625	0.0	0.625	0.0	0.625	40.0	0.6750	721.7	831.7	831.7	51.6
428	0.625	0.0	0.625	0.0	0.625	40.0	0.7875	811.7	931.7	931.7	51.6
429	0.625	0.0	0.625	0.0	0.625	40.0	0.9100	906.7	1031.7	1031.7	51.6
430	0.625	0.0	0.625	0.0	0.625	40.0	1.0425	1006.7	1161.7	1161.7	51.6
431	0.625	0.0	0.625	0.0	0.625	40.0	1.1850	1111.7	1296.7	1296.7	51.6
432	0.625	0.0	0.625	0.0	0.625	40.0	1.3375	1221.7	1446.7	1446.7	51.6
433	0.625	0.0	0.625	0.0	0.625	40.0	1.5000	1336.7	1611.7	1611.7	51.6
434	0.625	0.0	0.625	0.0	0.625	40.0	1.6725	1456.7	1791.7	1791.7	51.6
435	0.625	0.0	0.625	0.0	0.625	40.0	1.8550	1581.7	1986.7	1986.7	51.6
436	0.625	0.0	0.625	0.0	0.625	40.0	2.0475	1711.7	2196.7	2196.7	51.6
437	0.625	0.0	0.625	0.0	0.625	40.0	2.2500	1846.7	2421.7	2421.7	51.6
438	0.625	0.0	0.625	0.0	0.625	40.0	2.4625	1986.7	2661.7	2661.7	51.6
439	0.625	0.0	0.625	0.0	0.625	40.0	2.6850	2131.7	2916.7	2916.7	51.6
440	0.625	0.0	0.625	0.0	0.625	40.0	2.9275	2281.7	3186.7	3186.7	51.6
441	0.625	0.0	0.625	0.0	0.625	40.0	3.1900	2436.7	3471.7	3471.7	51.6
442	0.625	0.0	0.625	0.0	0.625	40.0	3.4725	2596.7	3771.7	3771.7	51.6
443	0.625	0.0	0.625	0.0	0.625	40.0	3.7750	2761.7	4086.7	4086.7	51.6
444	0.625	0.0	0.625	0.0	0.625	40.0	4.0975	2931.7	4416.7	4416.7	51.6
445	0.625	0.0	0.625	0.0	0.625	40.0	4.4400	3106.7	4761.7	4761.7	51.6
446	0.625	0.0	0.625	0.0	0.625	40.0	4.8025	3286.7	5121.7	5121.7	51.6
447	0.625	0.0	0.625	0.0	0.625	40.0	5.1850	3471.7	5496.7	5496.7	51.6
448	0.625	0.0	0.625	0.0	0.625	40.0	5.5875	3661.7	5886.7	5886.7	51.6
449	0.625	0.0	0.625	0.0	0.625	40.0	6.0100	3856.7	6291.7	6291.7	51.6
450	0.625	0.0	0.625	0.0	0.625	40.0	6.4525	4056.7	6711.7	6711.7	51.6
451	0.625	0.0	0.625	0.0	0.625	40.0	6.9150	4261.7	7146.7	7146.7	51.6
452	0.625	0.0	0.625	0.0	0.625	40.0	7.3975	4471.7	7596.7	7596.7	51.6
453	0.625	0.0	0.625	0.0	0.625	40.0	7.9000	4686.7	8061.7	8061.7	51.6
454	0.625	0.0	0.625	0.0	0.625	40.0	8.4225	4906.7	8541.7	8541.7	51.6
455	0.625	0.0	0.625	0.0	0.625	40.0	8.9650	5131.7	9036.7	9036.7	51.6
456	0.625	0.0	0.625	0.0	0.625	40.0	9.5275	5361.7	9541.7	9541.7	51.6
457	0.625	0.0	0.625	0.0	0.625	40.0	10.1100	5596.7	10066.7	10066.7	51.6
458	0.625	0.0	0.625	0.0	0.625	40.0	10.7125	5846.7	10601.7	10601.7	51.6
459	0.625	0.0	0.625	0.0	0.625	40.0	11.3350	6101.7	11146.7	11146.7	51.6
460	0.625	0.0	0.625	0.0	0.625	40.0	11.9775	6361.7	11701.7	11701.7	51.6
461	0.625	0.0	0.625	0.0	0.625	40.0	12.6400	6626.7	12266.7	12266.7	51.6
462	0.625	0.0	0.625	0.0	0.625	40.0	13.3225	6896.7	12841.7	12841.7	51.6
463	0.625	0.0	0.625	0.0	0.625	40.0	14.0250	7171.7	13426.7	13426.7	51.6
464	0.625	0.0	0.625	0.0	0.625	40.0	14.7475	7451.7	14021.7	14021.7	51.6
465	0.625	0.0	0.625	0.0	0.625	40.0	15.4900	7736.7	14626.7	14626.7	51.6
466	0.625	0.0	0.625	0.0	0.625	40.0	16.2525	8026.7	15241.7	15241.7	51.6
467	0.625	0.0	0.625	0.0	0.625	40.0	17.0350	8321.7	15866.7	15866.7	51.6
468	0.625	0.0	0.625	0.0	0.625	40.0	17.8375	8621.7	16501.7	16501.7	51.6
469	0.625	0.0	0.625	0.0	0.625	40.0	18.6600	8926.7	17146.7	17146.7	51.6
470	0.625	0.0	0.625	0.0	0.625	40.0	19.5025	9236.7	17801.7	17801.7	51.6
471	0.625	0.0	0.625	0.0	0.625	40.0	20.3650	9551.7	18466.7	18466.7	51.6
472	0.625	0.0	0.625	0.0	0.625	40.0	21.2475	9871.7	19141.7	19141.7	51.6
473	0.625	0.0	0.625	0.0	0.625	40.0	22.1500	10156.7	19826.7	19826.7	51.6
474	0.625	0.0	0.625	0.0	0.625	40.0	23.0725	10446.7	20521.7	20521.7	51.6
475	0.625	0.0	0.625	0.0	0.625	40.0	24.0150	10741.7	21226.7	21226.7	51.6
476	0.625	0.0	0.625	0.0	0.625	40.0	24.9775	11041.7	21941.7	21941.7	51.6
477	0.625	0.0	0.625	0.0	0.625	40.0	25.9600	11346.7	22666.7	22666.7	51.6
478	0.625	0.0	0.625	0.0	0.625	40.0	26.9625	11656.7	23401.7	23401.7	51.6
479	0.625	0.0	0.625	0.0	0.625	40.0	27.9850	11971.7	24146.7	24146.7	51.6
480	0.625	0.0	0.625	0.0	0.625	40.0	29.0275	12291.7	24901.7	24901.7	51.6
481	0.625	0.0	0.625	0.0	0.625	40.0	30.0900	12616.7	25666.7	25666.7	51.6
482	0.625	0.0	0.625	0.0	0.625	40.0	31.1725	12946.7	26441.7	26441.7	51.6
483	0.625	0.0	0.625	0.0	0.625	40.0	32.2750	13281.7	27226.7	27226.7	51.6
484	0.625	0.0	0.625	0.0	0.625	40.0	33.3975	13621.7	28021.7	28021.7	51.6
485	0.625	0.0	0.625	0.0	0.625	40.0	34.5400	13966.7	28826.7	28826.7	51.6

Mean color difference of this page: delta E*94 = 0.4

http://130.149.60.45/~farbmetrik/QE11/QE11LOFA.TXT / .PS; 3D-linearization
F: 3D-linearization QE11/QE11LE30FA.DAT in file (F), page 21/29

input: rgb/cmyk -> rgbdd
output: 3D-linearization to rgb*dd

see similar files: http://130.149.60.45/~farbmetrik/QE11/QE11.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

Large table with columns: n, HHC*Ftd, rgb*Ftd, rcp*Ftd, LabCh*Ftd, rgb*Ftd, LabCh*Ftd, DE*Ftd, Hxv*Ftd, LabCh*Ftd, rcp*Ftd, LabCh*Ftd, LabCh*Ftd, LabCh*Ftd. The table contains 566 rows of color calibration data.

Mean color difference of this page:

delta E** = 0.4

input: rgb/cmyk -> rbgdd output: 3D-linearization to rgb*dd

QE110-TN; Page 22/29-F

TUB-test chart QE11; hue code: H*d=R50Yd colors and differences, AE* *

TUB registration: 20130201-QE11/QE11LOFA.TXT / .PS application for measurement of display output, no separation

TUB material: code=rha4ta

Table with 20 columns: n, H#C*F0d, rgb*F0d, iet*F0d, H#s*F0d, rgb*F0d, LabC*F0d, LabCH*F0d, LabCH*F0d, rgb*F0d, DP*F0d, LabCH*F0d, rgb*F0d, LabCH*F0d, LabCH*F0d, rgb*F0d, DP*F0d, LabCH*F0d, rgb*F0d, LabCH*F0d. Rows include color names like R00Y, R05Y, B00R, etc.

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

TUB-test chart QE11; hue code: H*d=R50Yd colors and differences, AE*F

QE110-7N; Page 23/29-F

L-1032230-F0

delta E** = 0.3

Mean color difference of this page:

TUB registration: 20130201-QE11/QE11LOFA.TXT /.PS application for measurement of display output, no separation

TUB material: code=rha4ta

Table with 15 columns: n, HHC*Ftd, rpb*Ftd, icr*Ftd, hsa*Ftd, rpb*Ftd, LabCH*Ftd, LabCH*Ftd, rpb*Ftd, DP*Ftd, rpb*Ftd, LabCH*Ftd, rpb*Ftd, LabCH*Ftd, rpb*Ftd. Rows represent color patches from 648 to 728.

input: rgb/cmyk -> rgbdd output: 3D-linearization to rgb*dd

TUB-test chart QE11; hue code: H*d=R50Yd colors and differences, AE*²

Mean color difference of this page: delta E*ab = 2.5

QE110-7N; Page 24/29-F

TUB registration: 20130201-QE11/QE11LOFA.TXT /.PS application for measurement of display output, no separation

TUB material: code=rha4ta

Table with 100 columns (n, H/C, Rgb, iCt, Hs, Rgb, Lab, Hs, Rgb, Lab, Dp, Rgb, Lab, Lch) and 800 rows of numerical data.

see similar files: http://130.149.60.45/~farbmetrik/QE11/QE11.HTM technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB-test chart QE11; hue code: H*d=R50Yd colors and differences, ΔE*

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

Mean color difference of this page: delta E** = 0.8

application for measurement of display output, no separation

http://130.149.60.45/~farbmetrik/QE11/QE11LOFA.TXT /.PS; 3D-linearization F: 3D-linearization QE11/QE11LE30FA.DAT in file (F), page 27/29

Table with 15 columns: n, H#C*F0d, rpb_F0d, iet_F0d, hns_F0d, rpb_F0d, LabC*F0d, iet_F0d, hns_F0d, rpb_F0d, LabC*F0d, rpb_F0d, LabC*F0d, DP*F0d, hns_F0d, rpb_F0d, LabC*F0d, DP*F0d, hns_F0d, rpb_F0d, LabC*F0d. Rows 891-971.

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

TUB-test chart QE11; hue code: H*_d=R50Y_d colors and differences, AE* *

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

see similar files: http://130.149.60.45/~farbmetrik/QE11/QE11.HTM technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

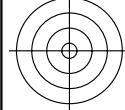
TUB registration: 20130201-QE11/QE11LOFA.TXT /.PS application for measurement of display output, no separation

TUB material: code=rha4ta

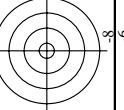


Table with columns: n, HC*Fid, rgb_Fid, iCt_Fid, iRs_Fid, LabCH*Fid, rgb*Fid, LabCH*Fid, DP*Fid, rgs*Fid, LabCH*Fid, rgs*Fid. Rows 972-1052.

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



see similar files: http://130.149.60.45/~farbmetrik/QE11/QE11LOFA.TXT /.PS; 3D-linearization technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik



TUB-test chart QE11; hue code: H*_d=R50Y_d colors and differences, AE**

input: rgb/cmyk -> rgs*dd output: 3D-linearization to rgs*dd

TUB registration: 20130201-QE11/QE11L0FA.TXT /.PS application for measurement of display output, no separation

TUB material: code=rha4ta



http://130.149.60.45/~farbmetrik/QE11/QE11L0FA.TXT /.PS; 3D-linearization F: 3D-linearization QE11/QE11L30FA.DAT in file (F), page 29/29

n	HC*Fad	rgb*Fad	icr*Fad	hsa*Fad	rgb*Fad	LabCH*Fad	LabCH*Fad	DF*Fad	rgb*Fad	DF*Fad	rgb*Fad	LabCH*Fad
1053	NW_086ad	0.866	0.866	0.866	0.866	82.6	82.6	0.2	0.1	209.2	0.1	82.5
1054	NW_093ad	0.933	0.933	0.933	0.933	89.0	89.0	0.2	0.2	207.0	0.2	88.9
1055	NW_100ad	1.0	1.0	1.0	1.0	95.4	95.4	0.0	0.0	325.2	0.0	95.4
1056	NW_006ad	0.066	0.066	0.066	0.066	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1057	NW_006ad	0.066	0.066	0.066	0.066	6.2	6.2	0.0	0.1	215.3	0.1	6.1
1058	NW_013ad	0.133	0.133	0.133	0.133	12.6	12.6	0.0	0.0	198.8	0.5	12.6
1059	NW_020ad	0.2	0.2	0.2	0.2	19.0	19.0	0.0	0.0	202.3	1.3	18.7
1060	NW_026ad	0.266	0.266	0.266	0.266	25.3	25.3	0.0	0.0	198.2	0.1	25.4
1061	NW_033ad	0.333	0.333	0.333	0.333	31.7	31.7	0.0	0.0	203.1	0.8	31.6
1062	NW_040ad	0.4	0.4	0.4	0.4	38.1	38.1	0.0	0.0	217.7	0.1	38.2
1063	NW_046ad	0.466	0.466	0.466	0.466	44.4	44.4	0.0	0.5	203.8	0.5	44.4
1064	NW_053ad	0.533	0.533	0.533	0.533	50.8	50.8	0.0	0.0	222.6	0.1	50.8
1065	NW_060ad	0.6	0.6	0.6	0.6	57.2	57.2	0.0	0.4	204.7	0.4	57.1
1066	NW_066ad	0.666	0.666	0.666	0.666	63.5	63.5	0.0	0.1	207.4	0.2	63.3
1067	NW_073ad	0.734	0.734	0.734	0.734	70.0	70.0	0.0	0.3	205.7	0.4	69.8
1068	NW_080ad	0.8	0.8	0.8	0.8	76.3	76.3	0.0	0.2	206.4	0.2	76.1
1069	NW_086ad	0.866	0.866	0.866	0.866	82.6	82.6	0.0	0.1	209.2	0.2	82.5
1070	NW_093ad	0.933	0.933	0.933	0.933	89.0	89.0	0.0	0.2	207.0	0.2	88.9
1071	NW_100ad	1.0	1.0	1.0	1.0	95.4	95.4	0.0	0.0	325.2	0.0	95.4
1072	NW_006ad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073	NW_100ad	1.0	1.0	1.0	1.0	95.4	95.4	0.0	0.0	325.2	0.0	95.4
1074	ROY_100_100ad	1.0	1.0	1.0	1.0	50.4	50.4	0.0	100.4	39.9	0.0	38.9
1075	GS0B_100_100ad	0.0	1.0	1.0	0.0	86.8	86.8	0.0	0.0	196.3	0.0	86.8
1076	Y06C_100_100ad	1.0	1.0	1.0	1.0	95.4	95.4	0.0	0.0	325.2	0.0	95.4
1077	B08C_100_100ad	0.0	0.0	1.0	0.0	82.6	82.6	0.0	0.0	196.3	0.0	82.6
1078	B08C_100_100ad	0.0	0.0	1.0	0.0	82.6	82.6	0.0	0.0	196.3	0.0	82.6
1079	B50R_100_100ad	0.0	0.0	1.0	0.0	82.6	82.6	0.0	0.0	196.3	0.0	82.6
1079	B50R_100_100ad	1.0	0.0	1.0	1.0	57.2	57.2	0.0	0.0	328.2	0.0	57.2

Mean color difference of this page: delta E* = 0.2

see similar files: http://130.149.60.45/~farbmetrik/QE11/QE11.HTM technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

input: rgb/cmyk -> rgbdd output: 3D-linearization to rgb*dd

TUB-test chart QE11; hue code: H*_d=R50Y_d colors and differences, ΔE*_*