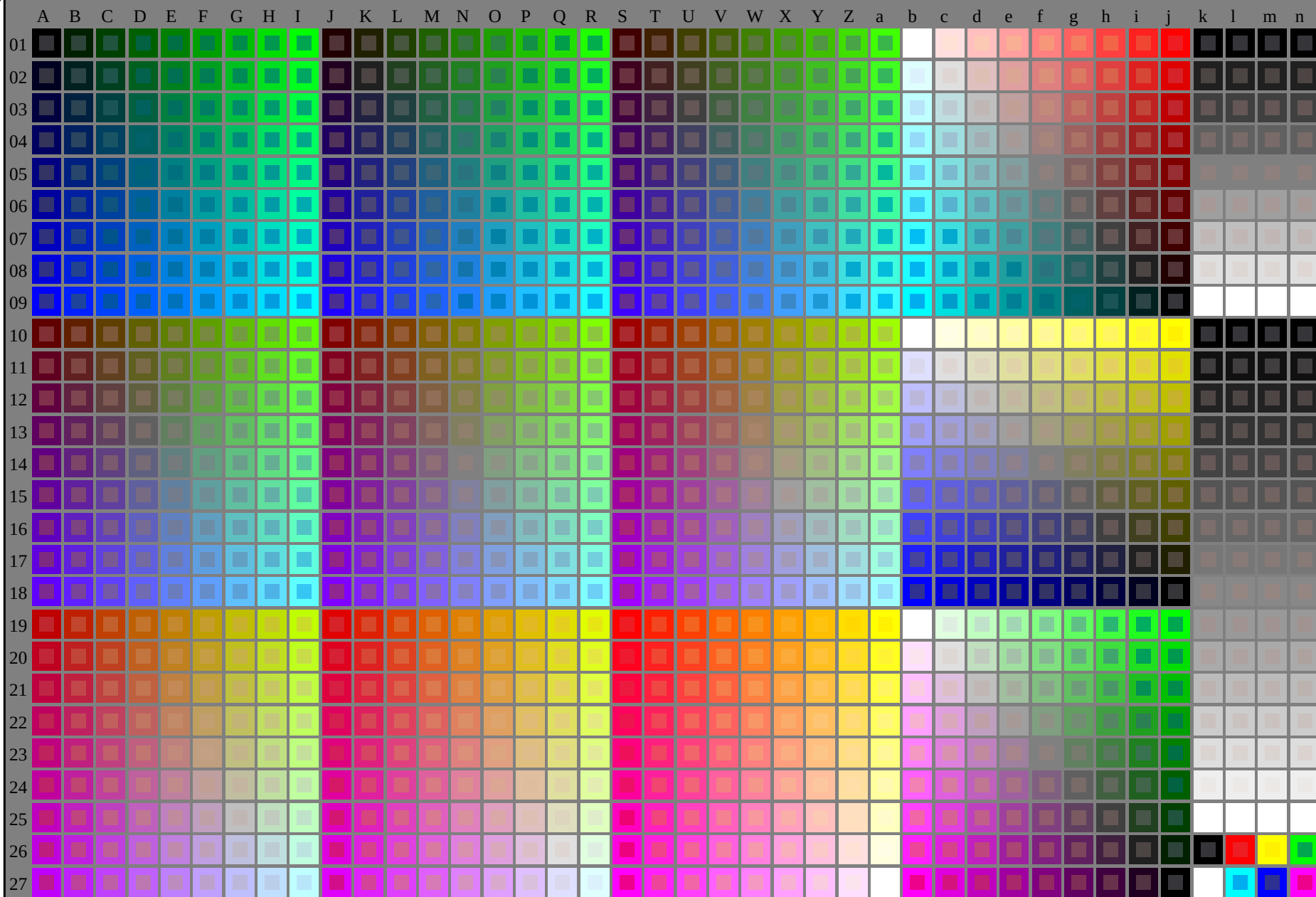


see similar files: <http://130.149.60.45/~farbmetrik/SE11/SE11.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE11/SE11L0FP.PDF /.PS
application for measurement of display output

TUB material: code=rha4ta



1-103030-L0

SE110-7N

Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): **rgb + cmy0** (A-j + k26_n27), 000n (k), w (l), nnn0 (m), www (n), 3D = 1

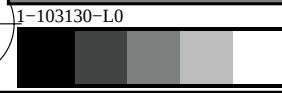
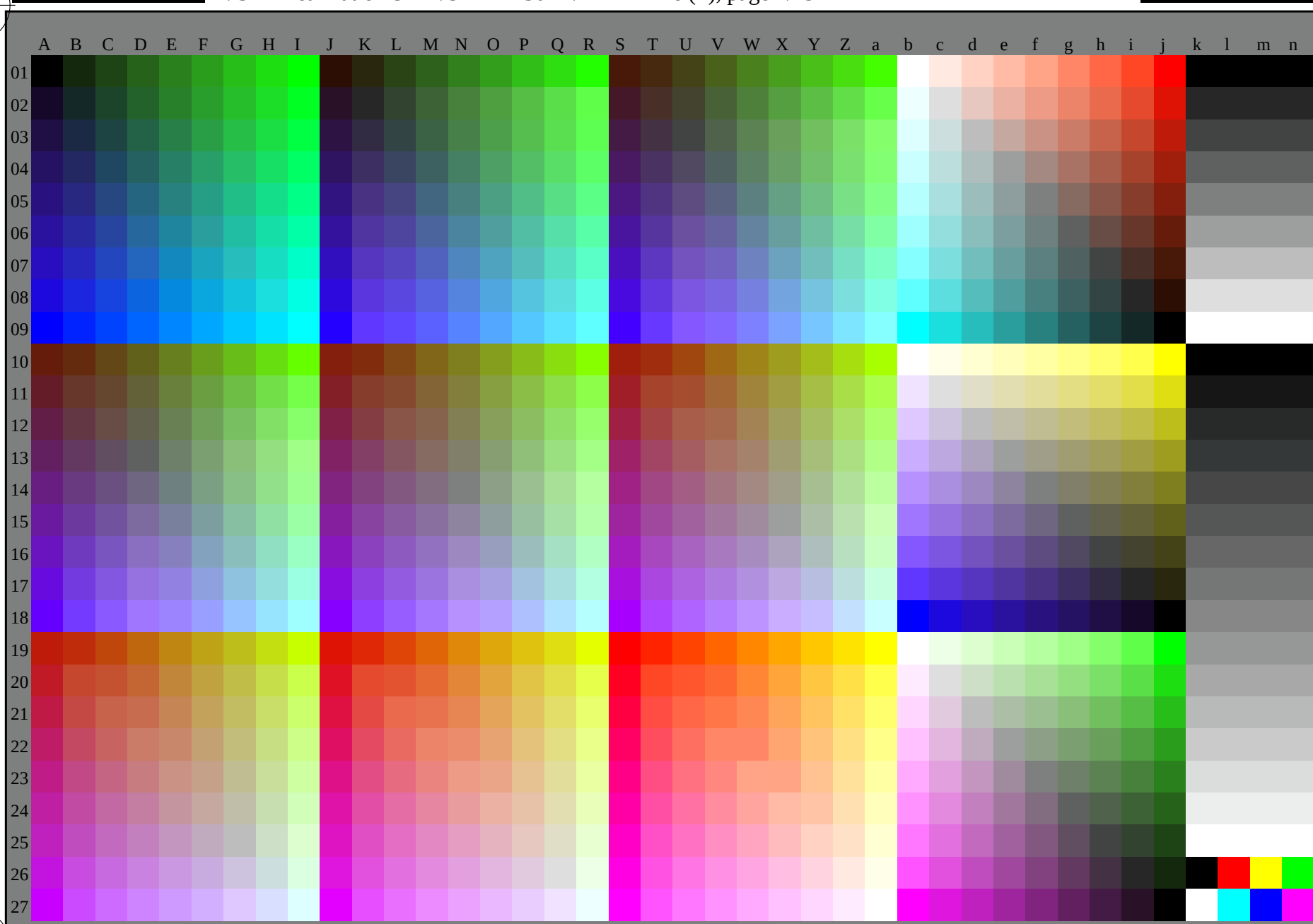
TUB-test chart SE11; 1080 standard colours
Test chart according to DIN 33872

input: *rgb/cmyk* -> *rgb/cmyk*
output: no change

see similar files: <http://130.149.60.45/~farbmetrik/SE11/SE11.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE11/SE11L0FP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

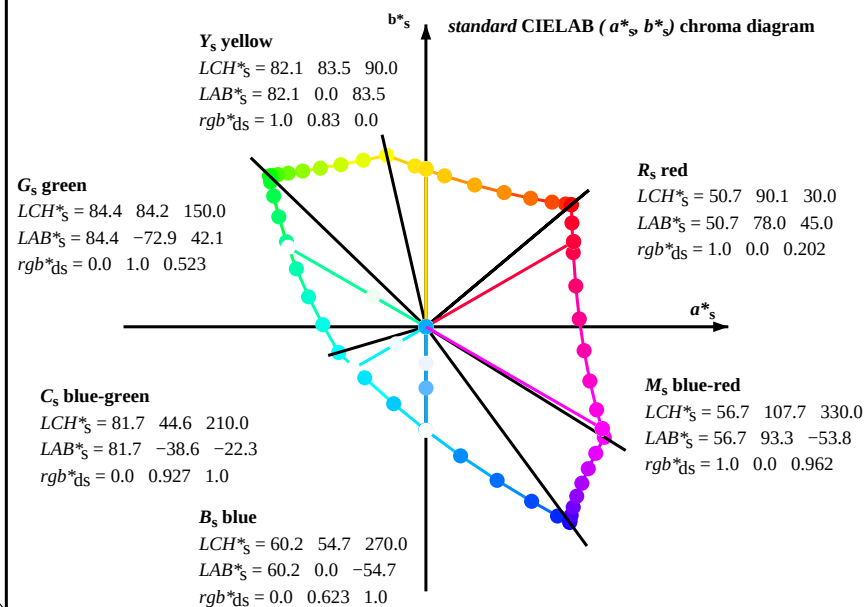
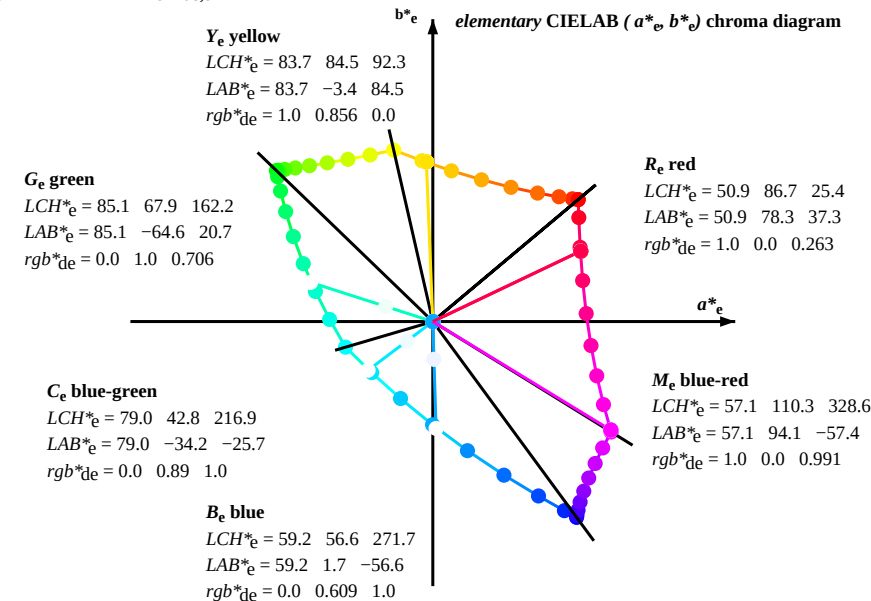
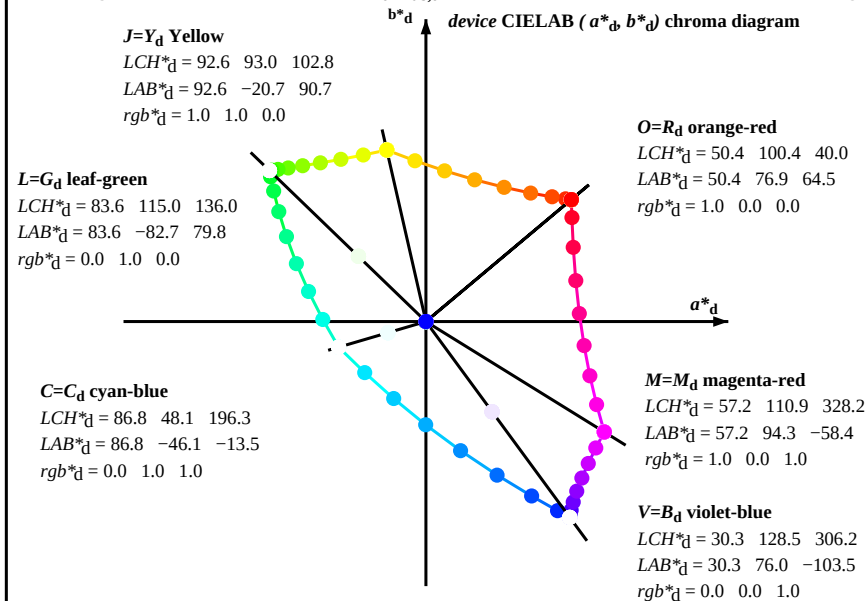


SE110-72
TUB-test chart SE11; 1080 standard colours
Test chart according to DIN 33872, 3D=1, de=0, sRGB*

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



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^*_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^*_e produce the output of the device-independent elementary hues

1-103230-L0 SE110-72 LAB*La0, YN=0%, XYZZnw=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 3/29

TUB-test chart SE11; 1080 standard colours
48 step hue circles; rgb - $LabCh^*$ -tables, 3D=1, de=0, sRGB* output: 3D-linearization to rgb^*_dd

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

see similar files: <http://130.149.60.45/~farbmetrik/SE11/SE11.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE11/SE11LOFP.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 $RYGCBM_d$: $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}	$LAB^*_{ddx64M}(x=LabCh)$	$rgb^*_{ddx361M}$	$LAB^*_{ddx361M}(x=LabCh)$	$rgb^*_{dsx361M}$	$LAB^*_{dsx361M}(x=LabCh)$	$rgb^*_{dex361M}$	$LAB^*_{dex361M}$
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 0.0	50.5 76.9 64.6 100.4 40	1.0 0.0 0.203 50.8	78.0 45.1 90.1 30	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 0.117 0.0	51.5 74.1 64.9 98.5 41	1.0 0.0 0.082 50.6	77.2 58.2 96.7 37	1.0 0.0 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 0.25 0.0	54.1 66.7 66.0 93.8 44	1.0 0.256 0.0	54.3 66.1 93.5 45	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 0.367 0.0	57.9 56.2 67.9 88.2 50	1.0 0.392 0.0	58.9 53.6 68.6 87.0 52	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 0.5 0.0	63.7 41.4 71.0 82.2 59	1.0 0.502 0.0	63.8 41.1 71.2 82.2 60	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 0.617 0.0	69.7 26.8 74.9 79.6 70	1.0 0.58 0.0	67.8 31.4 74.0 80.4 67	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 0.75 0.0	77.2 9.8 79.8 80.4 82	1.0 0.667 0.0	72.5 20.6 77.0 79.7 75	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 0.867 0.0	84.3 -4.6 84.8 85.0 93	1.0 0.74 0.0	76.7 11.2 79.5 80.3 82	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 1.0 0.0	92.7 -20.6 90.8 93.1 102	1.0 0.831 0.0	82.1 0.0 83.5 83.5 90	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	0.883 1.0 0.0	90.6 -32.2 88.4 94.1 110	1.0 0.918 0.0	87.5 -10.6 87.3 88.0 97	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	0.75 1.0 0.0	88.5 -44.8 85.8 96.9 117	0.965 1.0 0.0	92.0 -24.1 90.2 93.4 105	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	0.633 1.0 0.0	87.1 -55.0 84.1 100.5 123	0.85 1.0 0.0	90.1 -35.4 87.8 94.7 112	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	0.5 1.0 0.0	85.7 -65.1 82.4 105.1 128	0.7 1.0 0.0	87.9 -49.1 85.3 98.4 120	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	0.383 1.0 0.0	84.8 -72.2 81.4 108.9 131	0.536 1.0 0.0	86.1 -62.4 83.0 103.9 127	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	0.25 1.0 0.0	84.1 -78.2 80.5 112.3 134	0.173 1.0 0.0	83.9 -80.2 80.3 113.5 135	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	0.133 1.0 0.0	83.8 -81.2 80.1 114.1 135	0.0 1.0	0.335 83.9 -78.7 61.6 100.0 142	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 0.0	83.6 -82.7 79.9 115.0 136	0.0 1.0	0.523 84.4 -72.9 42.1 84.3 150	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 0.117 83.7	-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 0.778 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 0.25 83.8	-80.5 69.1 106.2 139	0.0 1.0	0.742 85.3 -62.5 16.8 64.8 165	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 0.367 84.0	-77.9 58.9 97.7 142	0.0 1.0	0.81 85.7 -58.8 8.3 59.5 172	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 0.5 84.3	-73.7 45.0 86.4 148	0.0 1.0	0.883 86.1 -54.1 0.0 54.2 180	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 0.617 84.8	-68.8 31.5 75.8 155	0.0 1.0	0.933 86.4 -51.1 -6.2 51.6 187	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 1.0 0.75 85.4	-62.0 15.9 64.1 165	0.0 1.0	0.99 86.8 -46.9 -12.5 48.6 195	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 1.0 0.867 86.0	-55.1 2.0 55.2 177	0.0 0.97	1.0 84.7 -43.2 -17.4 46.7 202	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 1.0 1.0	86.9 -46.1 -13.5 48.1 196	0.0 0.927 1.0	81.7 -38.6 -22.2 44.7 210	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 0.883 1.0	78.6 -33.3 -26.3 42.6 218	0.0 0.89 1.0	79.1 -34.1 -25.7 42.9 217	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 0.75 1.0	69.1 -17.0 -40.6 44.2 247	0.0 0.851 1.0	76.3 -30.0 -30.0 42.5 225	0.0 0.826 1.0	74.5 -27.1 -33.1 43.0 220
269.8	232.5	237.5	0.0 0.625 1.0	60.3 -0.1 -54.6 54.6 269.8	0.0 0.633 1.0	60.9 -1.5 -53.8 53.9 268	0.0 0.82 1.0	74.1 -26.4 -33.8 43.1 232	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 0.5 1.0	51.8 18.3 -68.2 70.7 285	0.0 0.783 1.0	71.5 -21.7 -37.7 43.6 240	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 0.383 1.0	44.4 36.2 -80.4 88.3 294	0.0 0.751 1.0	69.2 -17.2 -40.6 44.2 247	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 0.25 1.0	37.2 55.9 -92.2 107.9 301	0.0 0.707 1.0	66.1 -12.3 -46.0 47.8 255	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 0.133 1.0	32.8 68.6 -99.5 121.0 304	0.0 0.668 1.0	63.4 -7.0 -50.4 51.0 262	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 0.0 1.0	30.4 76.1 -103.5 128.5 306	0.0 0.624 1.0	60.2 0.0 -54.7 54.8 270	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	0.117 0.0 1.0	31.0 76.3 -102.5 127.8 306	0.0 0.566 1.0	56.3 7.6 -61.7 62.2 277	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	0.25 0.0 1.0	32.6 76.8 -99.7 126.0 307	0.0 0.5 1.0	51.8 18.3 -68.2 70.7 285	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	0.367 0.0 1.0	35.0 77.9 -95.7 123.5 309	0.0 0.412 1.0	46.2 31.5 -77.8 84.1 292	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	0.5 0.0 1.0	38.6 79.9 -89.6 120.1 311	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	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	0.617 0.0 1.0	42.4 82.3 -83.2 117.1 314	0.172 0.0 1.0	31.6 76.5 -101.4 127.1 307	0.146 0.0 1.0	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	0.75 0.0 1.0	47.3 85.9 -75.0 114.1 318	0.628 0.0 1.0	42.8 82.6 -82.5 116.8 315	0.605 0.0 1.0	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	0.867 0.0 1.0	51.9 89.6 -67.4 112.2 323	0.838 0.0 1.0	50.7 88.8 -69.3 112.7 322	0.811 0.0 1.0	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	1.0 0.0 1.0	57.3 94.4 -58.3 111.0 328	1.0 0.0	0.962 56.8 93.4 -53.8 107.8 330	1.0 0.0 0.992 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	1.0 0.0 0.883 55.8	90.7 -44.8 101.1 333	1.0 0.0	0.827 55.1 89.2 -37.8 96.9 337	1.0 0.0 0.856 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 0.75 54.2	86.7 -28.6 91.4 341	1.0 0.0	0.707 53.8 86.0 -23.0 89.1 345	1.0 0.0 0.735 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 0.633 53.1	84.0 -13.6 85.1 350	1.0 0.0	0.619 53.0 83.6 -11.7 84.4 352	1.0 0.0 0.65 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 0.5 52.1	81.2 4.2 81.3 362	1.0 0.0	0.532 52.3 82.1 0.0 82.1 360	1.0 0.0 0.618 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 0.383 51.4	79.5 20.5 82.1 374	1.0 0.0	0.459 51.8 81.0 9.9 81.6 367	1.0 0.0 0.533 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 87.1 386.7	1.0 0.0 0.25 50.9	78.0 39.2 87.3 386	1.0 0.0	0.378 51.4 79.4 21.3 82.2 375	1.0 0.0 0.441 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 0.133 50.6	77.4 53.9 94.3 394	1.0 0.0	0.301 51.1 79.0 31.9 85.2 382	1.0 0.0 0.361 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	50.5 76.9 64.6 100.4 400	1.0 0.0 0.203 50.8	78.0 45.1 90.1 390	1.0 0.0 0.263 50.9	78.3 37.3 86.7 385

1-103330-L0

SE110-72

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 SE11; 1080 standard colours
48 step hue circles; $rgb-LabCh$ *tables, 3D=1, de=0, sRGB* output: 3D-linearization to rgb^*_{dd}

input: $rgb/cmyk \rightarrow rgb_{dd}$

output: 3D-linearization to rgb^*_{dd}

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}			$LAB^*_{ddx64M} (x=LabCh)$						$rgb^*_{dex361M}$			$LAB^*_{dex361M}$						rgb^*_d	rgb^*_s	rgb^*_e	
40.0	30.0	25.4	1.0	0.0	0.0	50.4	76.9	64.5	100.4	40.0	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	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	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	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	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	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	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	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	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	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	117.6	1.0	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	123.6	1.0	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	128.3	1.0	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	131.8	1.0	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	134.1	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	135.5	1.0	0.0	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	136.0	1.0	0.0	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	137.0	1.0	0.0	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	139.3	1.0	0.0	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	143.2	1.0	0.0	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	148.6	1.0	0.0	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	155.8	1.0	0.0	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	165.6	1.0	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	178.8	1.0	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	196.3	1.0	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	219.8	1.0	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	247.2	1.0	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	269.8	1.0	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	285.0	1.0	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	294.8	1.0	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	301.1	1.0	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	304.8	1.0	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	306.2	1.0	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	306.6	1.0	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	307.5	1.0	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	309.2	1.0	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	311.6	1.0	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	314.8	1.0	0.146	0.0	1.0	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	318.8	1.0	0.605	0.0	1.0	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	323.3	1.0	0.811	0.0	1.0	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	328.2	1.0	0.0	0.992	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	334.0	1.0	0.0	0.856	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	341.6	1.0	0.0	0.735	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	351.4	1.0	0.0	0.65	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	362.9	1.0	0.0	0.618	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	375.2	1.0	0.0	0.533	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	386.7	1.0	0.0	0.441	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	395.4	1.0	0.0	0.361	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	400.0	1.0	0.0	0.263	50.9	78.3	37.3	86.7	385					

TUB registration: 20130201-SE11/SE11LOFP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

1-103430-L0 SE110-72 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 5/29

TUB-test chart SE11; 1080 standard colours
48 step hue circles; $rgb-LabCh^*$ tables, 3D=1, de=0, sRGB* output: 3D-linearization to rgb^*_{dd}

input: $rgb/cmyk \rightarrow rgb_{dd}$

output: 3D-linearization to rgb^*_{dd}

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 $RYGCBM_d$: $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$; 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	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	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	0.0	0.0	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	0.017	0.0	0.0	0.0
40	32	27	1.0	0.033	0.0	50.7	76.1	64.6	99.8	40	1.0	0.0	0.033	0.0	0.0	0.0
40	33	28	1.0	0.05	0.0	50.9	75.7	64.7	99.6	40	1.0	0.0	0.05	0.0	0.0	0.0
40	34	29	1.0	0.066	0.0	51.0	75.3	64.7	99.3	40	1.0	0.0	0.067	0.0	0.0	0.0
40	35	31	1.0	0.083	0.0	51.1	74.9	64.8	99.0	40	1.0	0.0	0.083	0.0	0.0	0.0
41	36	32	1.0	0.1	0.0	51.3	74.5	64.8	98.7	41	1.0	0.0	0.1	0.0	0.0	0.0
41	37	33	1.0	0.116	0.0	51.4	74.1	64.9	98.5	41	1.0	0.0	0.117	0.0	0.0	0.0
41	38	34	1.0	0.133	0.0	51.7	73.4	65.0	98.0	41	1.0	0.0	0.133	0.0	0.0	0.0
41	39	35	1.0	0.15	0.0	52.0	72.4	65.2	97.4	41	1.0	0.0	0.15	0.0	0.0	0.0
42	40	36	1.0	0.166	0.0	52.3	71.4	65.3	96.8	42	1.0	0.0	0.167	0.0	0.0	0.0
42	41	37	1.0	0.183	0.0	52.7	70.5	65.5	96.2	42	1.0	0.0	0.183	0.0	0.0	0.0
43	42	38	1.0	0.2	0.0	53.0	69.5	65.6	95.6	43	1.0	0.0	0.2	0.0	0.0	0.0
43	43	39	1.0	0.216	0.0	53.4	68.6	65.7	95.0	43	1.0	0.0	0.217	0.0	0.0	0.0
44	44	41	1.0	0.233	0.0	53.7	67.6	65.8	94.4	44	1.0	0.0	0.233	0.0	0.0	0.0
44	45	42	1.0	0.25	0.0	54.0	66.7	65.9	93.8	44	1.0	0.0	0.25	0.0	0.0	0.0
45	46	43	1.0	0.266	0.0	54.6	65.1	66.3	93.0	45	1.0	0.0	0.267	0.0	0.0	0.0
46	47	44	1.0	0.283	0.0	55.1	63.6	66.6	92.2	46	1.0	0.0	0.283	0.0	0.0	0.0
47	48	45	1.0	0.3	0.0	55.7	62.1	66.9	91.3	47	1.0	0.0	0.3	0.0	0.0	0.0
47	49	46	1.0	0.316	0.0	56.2	60.6	67.2	90.5	47	1.0	0.0	0.317	0.0	0.0	0.0
48	50	47	1.0	0.333	0.0	56.8	59.1	67.5	89.7	48	1.0	0.0	0.333	0.0	0.0	0.0
49	51	48	1.0	0.35	0.0	57.3	57.6	67.7	88.9	49	1.0	0.0	0.35	0.0	0.0	0.0
50	52	49	1.0	0.366	0.0	57.9	56.2	67.9	88.1	50	1.0	0.0	0.367	0.0	0.0	0.0
51	53	51	1.0	0.383	0.0	58.5	54.5	68.2	87.3	51	1.0	0.0	0.383	0.0	0.0	0.0
52	54	52	1.0	0.4	0.0	59.3	52.6	68.8	86.6	52	1.0	0.0	0.4	0.0	0.0	0.0
53	55	53	1.0	0.416	0.0	60.0	50.7	69.3	85.9	53	1.0	0.0	0.417	0.0	0.0	0.0
54	56	54	1.0	0.433	0.0	60.7	48.8	69.7	85.1	54	1.0	0.0	0.433	0.0	0.0	0.0
56	57	55	1.0	0.45	0.0	61.4	46.9	70.1	84.4	56	1.0	0.0	0.45	0.0	0.0	0.0
57	58	56	1.0	0.466	0.0	62.2	45.1	70.4	83.6	57	1.0	0.0	0.467	0.0	0.0	0.0
58	59	57	1.0	0.483	0.0	62.9	43.2	70.7	82.9	58	1.0	0.0	0.483	0.0	0.0	0.0
59	60	58	1.0	0.5	0.0	63.6	41.3	71.0	82.2	59	1.0	0.0	0.5	0.0	0.0	0.0
61	61	60	1.0	0.516	0.0	64.5	39.3	71.7	81.8	61	1.0	0.0	0.517	0.0	0.0	0.0
62	62	61	1.0	0.533	0.0	65.3	37.2	72.4	81.4	62	1.0	0.0	0.533	0.0	0.0	0.0
64	63	62	1.0	0.55	0.0	66.2	35.1	73.0	81.0	64	1.0	0.0	0.55	0.0	0.0	0.0
65	64	63	1.0	0.566	0.0	67.1	33.0	73.5	80.6	65	1.0	0.0	0.567	0.0	0.0	0.0
67	65	64	1.0	0.583	0.0	67.9	31.0	74.0	80.3	67	1.0	0.0	0.583	0.0	0.0	0.0
68	66	65	1.0	0.6	0.0	68.8	28.9	74.5	79.9	68	1.0	0.0	0.6	0.0	0.0	0.0
70	67	66	1.0	0.616	0.0	69.6	26.8	74.8	79.5	70	1.0	0.0	0.617	0.0	0.0	0.0
71	68	67	1.0	0.633	0.0	70.5	24.7	75.4	79.4	71	1.0	0.0	0.633	0.0	0.0	0.0
73	69	68	1.0	0.65	0.0	71.5	22.7	76.2	79.5	73	1.0	0.0	0.65	0.0	0.0	0.0
75	70	70	1.0	0.666	0.0	72.4	20.6	76.9	79.7	75	1.0	0.0	0.667	0.0	0.0	0.0
76	71	71	1.0	0.683	0.0	73.4	18.5	77.6	79.8	76	1.0	0.0	0.683	0.0	0.0	0.0
78	72	72	1.0	0.7	0.0	74.3	16.3	78.2	79.9	78	1.0	0.0	0.7	0.0	0.0	0.0
79	73	73	1.0	0.716	0.0	75.3	14.2	78.8	80.1	79	1.0	0.0	0.717	0.0	0.0	0.0
81	74	74	1.0	0.733	0.0	76.2	12.0	79.3	80.2	81	1.0	0.0	0.733	0.0	0.0	0.0
82	75	75	1.0	0.75	0.0	77.2	9.8	79.7	80.4	82	1.0	0.0	0.75	0.0	0.0	0.0

1-103530-L0 SE110-72 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 SE11; 1080 standard colours
48 step hue circles; $rgb-LabCh$ *tables, 3D=1, de=0, sRGB* output: 3D-linearization to rgb^*_{dd}

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

TUB registration: 20130201-SE11/SE11LOFP.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 $RYGCBM_d$: $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$; 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^*_{d361M}	$LAB^*_{ds361Mi}$	$LAB^*_{ds361Mi}$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
82	75	75	1.0	0.75	0.0	77.2	9.8	79.7	80.4	82	1.0	0.667	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
85	77	77	1.0	0.783	0.0	79.2	5.8	81.4	81.7	85	1.0	0.688	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
88	79	80	1.0	0.816	0.0	81.2	1.7	82.9	83.0	88	1.0	0.708	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
91	81	82	1.0	0.85	0.0	83.3	-2.5	84.2	84.3	91	1.0	0.729	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
94	83	84	1.0	0.883	0.0	85.3	-6.7	85.5	85.8	94	1.0	0.75	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
96	85	86	1.0	0.916	0.0	87.4	-10.5	87.2	87.8	96	1.0	0.773	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
99	87	88	1.0	0.95	0.0	89.5	-14.4	88.7	89.9	99	1.0	0.796	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
101	89	91	1.0	0.983	0.0	91.6	-18.5	90.1	92.0	101	1.0	0.819	0.0
102	90	92	1.0	1.0	0.0	92.6	-20.7	90.7	93.0	102	1.0	0.831	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
104	92	94	0.966	1.0	0.0	92.0	-24.0	90.2	93.3	104	1.0	0.853	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
106	94	96	0.933	1.0	0.0	91.4	-27.3	89.5	93.6	106	1.0	0.877	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
109	96	99	0.9	1.0	0.0	90.8	-30.6	88.7	93.9	109	1.0	0.904	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
111	98	101	0.866	1.0	0.0	90.3	-33.8	88.0	94.3	111	1.0	0.932	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
112	100	103	0.833	1.0	0.0	89.8	-37.0	87.5	95.0	112	1.0	0.96	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
114	102	106	0.8	1.0	0.0	89.3	-40.1	86.9	95.7	114	1.0	0.988	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
116	104	108	0.766	1.0	0.0	88.7	-43.3	86.2	96.5	116	0.981	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
118	106	110	0.733	1.0	0.0	88.3	-46.3	85.6	97.4	118	0.949	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
120	108	113	0.7	1.0	0.0	87.9	-49.2	85.2	98.4	120	0.917	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
121	110	115	0.666	1.0	0.0	87.4	-52.1	84.7	99.4	121	0.884	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
123	112	117	0.633	1.0	0.0	87.0	-55.0	84.1	100.5	123	0.85	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
124	114	120	0.6	1.0	0.0	86.7	-57.6	83.7	101.6	124	0.814	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
125	116	122	0.566	1.0	0.0	86.3	-60.1	83.3	102.8	125	0.779	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
127	118	124	0.533	1.0	0.0	86.0	-62.7	82.9	103.9	127	0.742	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
128	120	127	0.5	1.0	0.0	85.7	-65.2	82.4	105.1	128	0.7	1.0	0.0

1-103630-L0

SE110-72

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 7/29

TUB-test chart SE11; 1080 standard colours
48 step hue circles; $rgb-LabCh$ *tables, 3D=1, de=0, sRGB* output: 3D-linearization to rgb^*_{dd}

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

TUB registration: 20130201-SE11/SE11LOFP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

primetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

s 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: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

[illegible]

Output: sRGB standard device; no separation, D65, page 8/29

TUB-test chart SE11; 1080 standard colours

input: $rgb/cmyk \rightarrow rgb_{dd}$

48 step hue circles; *rgb-LabCh** tables, 3D=1, de=0, *sRGB** output: 3D-linearization to *rgb**_{dd}

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TUB registration: 20130201-SE11/SE11LOFP.PDF /.PS

TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmuetrik/SE11/SE11.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmuetrik>

http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF /.PS; 3D-linearization
F: 3D-linearization SE11/SE11LE30FP.DAT in file (F), page 9/29

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 *RYGCBM_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

<i>h_{ab,d}</i>	<i>h_{ab,s}</i>	<i>h_{ab,e}</i>	<i>rgb*_{dd361M}</i>	<i>LAB*_{dsx361Mi}</i> (x=LabCh)	<i>rgb*_{ds361Mi}</i>	<i>LAB*_{dsx361Mi}</i> (x=LabCh)	<i>rgb*_{dd361Mi}</i>	<i>rgb*_{de361Mi}</i>	<i>LAB*_{dex361Mi}</i> (x=LabCh)	<i>rgb*_{dd361Mi}</i>	<i>rgb*_{dd361Mi}</i>	<i>rgb*_{ds}</i>	<i>rgb*_{ds}</i>	<i>rgb*_{ds}</i>	<i>rgb*_{ds}</i>																			
139	165	175	0.0	1.0	0.25	83.8	-80.5	69.1	106.1	139	0.0	1.0	0.742	85.3	-62.5	16.8	64.8	165	0.0	1.0	0.25	0.0	1.0	0.847	85.9	-56.4	4.0	56.7	175	0.0	1.0	0.25		
139	166	176	0.0	1.0	0.266	83.8	-80.2	67.6	104.9	139	0.0	1.0	0.753	85.4	-61.8	15.4	63.8	166	0.0	1.0	0.267	0.0	1.0	0.856	85.9	-55.9	3.1	56.0	176	0.0	1.0	0.267		
140	167	177	0.0	1.0	0.283	83.8	-79.9	66.1	103.7	140	0.0	1.0	0.763	85.4	-61.4	14.2	63.1	167	0.0	1.0	0.283	0.0	1.0	0.864	86.0	-55.2	2.2	55.4	177	0.0	1.0	0.283		
140	168	178	0.0	1.0	0.3	83.8	-79.6	64.6	102.5	140	0.0	1.0	0.772	85.5	-60.9	13.0	62.4	168	0.0	1.0	0.3	0.0	1.0	0.873	86.0	-54.6	1.3	54.7	178	0.0	1.0	0.3		
141	169	179	0.0	1.0	0.316	83.9	-79.2	63.1	101.3	141	0.0	1.0	0.782	85.5	-60.4	11.8	61.7	169	0.0	1.0	0.317	0.0	1.0	0.88	86.1	-54.2	0.4	54.3	179	0.0	1.0	0.317		
141	170	180	0.0	1.0	0.333	83.9	-78.8	61.7	100.1	141	0.0	1.0	0.791	85.6	-59.9	10.6	60.9	170	0.0	1.0	0.333	0.0	1.0	0.887	86.1	-53.9	-0.3	54.0	180	0.0	1.0	0.333		
142	171	181	0.0	1.0	0.35	83.9	-78.4	60.2	98.9	142	0.0	1.0	0.801	85.6	-59.4	9.4	60.2	171	0.0	1.0	0.35	0.0	1.0	0.893	86.2	-53.5	-1.2	53.6	181	0.0	1.0	0.35		
142	172	182	0.0	1.0	0.366	84.0	-78.0	58.8	97.7	142	0.0	1.0	0.81	85.7	-58.8	8.3	59.5	172	0.0	1.0	0.367	0.0	1.0	0.9	86.2	-53.2	-2.0	53.3	182	0.0	1.0	0.367		
143	173	183	0.0	1.0	0.383	84.0	-77.6	57.2	96.4	143	0.0	1.0	0.82	85.7	-58.2	7.2	58.8	173	0.0	1.0	0.383	0.0	1.0	0.906	86.3	-52.8	-2.9	53.0	183	0.0	1.0	0.383		
144	174	184	0.0	1.0	0.4	84.0	-77.1	55.4	94.9	144	0.0	1.0	0.829	85.8	-57.6	6.1	58.1	174	0.0	1.0	0.4	0.0	1.0	0.913	86.3	-52.4	-3.7	52.6	184	0.0	1.0	0.4		
145	175	185	0.0	1.0	0.416	84.1	-76.6	53.6	93.5	145	0.0	1.0	0.839	85.8	-57.0	5.0	57.3	175	0.0	1.0	0.417	0.0	1.0	0.919	86.3	-52.0	-4.5	52.3	185	0.0	1.0	0.417		
145	176	185	0.0	1.0	0.433	84.1	-76.1	51.8	92.1	145	0.0	1.0	0.848	85.9	-56.4	4.0	56.6	176	0.0	1.0	0.433	0.0	1.0	0.926	86.4	-51.6	-5.3	52.0	185	0.0	1.0	0.433		
146	177	186	0.0	1.0	0.45	84.2	-75.6	50.0	90.6	146	0.0	1.0	0.857	86.0	-55.7	2.9	55.9	177	0.0	1.0	0.45	0.0	1.0	0.932	86.4	-51.2	-6.1	51.6	186	0.0	1.0	0.45		
147	178	187	0.0	1.0	0.466	84.2	-75.0	48.3	89.2	147	0.0	1.0	0.867	86.0	-55.1	1.9	55.2	178	0.0	1.0	0.467	0.0	1.0	0.939	86.5	-50.7	-6.8	51.3	187	0.0	1.0	0.467		
147	179	188	0.0	1.0	0.483	84.3	-74.4	46.6	87.8	147	0.0	1.0	0.876	86.1	-54.4	1.0	54.5	179	0.0	1.0	0.483	0.0	1.0	0.945	86.5	-50.3	-7.6	51.0	188	0.0	1.0	0.483		
148	180	189	0.0	1.0	0.5	84.3	-73.7	44.9	86.4	148	0.0	1.0	0.883	86.1	-54.1	0.0	54.2	180	0.0	1.0	0.5	0.0	1.0	0.952	86.6	-49.8	-8.3	50.6	189	0.0	1.0	0.5		
149	181	190	0.0	1.0	0.516	84.4	-73.2	42.9	84.8	149	0.0	1.0	0.89	86.2	-53.7	-0.8	53.8	181	0.0	1.0	0.517	0.0	1.0	0.958	86.6	-49.3	-9.1	50.3	190	0.0	1.0	0.517		
150	182	191	0.0	1.0	0.533	84.4	-72.6	40.9	83.3	150	0.0	1.0	0.897	86.2	-53.3	-1.8	53.4	182	0.0	1.0	0.533	0.0	1.0	0.965	86.6	-48.9	-9.8	50.0	191	0.0	1.0	0.533		
151	183	192	0.0	1.0	0.55	84.5	-71.9	39.0	81.8	151	0.0	1.0	0.905	86.2	-52.9	-2.7	53.1	183	0.0	1.0	0.55	0.0	1.0	0.971	86.7	-48.4	-10.5	49.6	192	0.0	1.0	0.55		
152	184	193	0.0	1.0	0.566	84.5	-71.2	37.0	80.3	152	0.0	1.0	0.912	86.3	-52.5	-3.6	52.7	184	0.0	1.0	0.567	0.0	1.0	0.978	86.7	-47.9	-11.2	49.3	193	0.0	1.0	0.567		
153	185	194	0.0	1.0	0.583	84.6	-70.5	35.2	78.8	153	0.0	1.0	0.919	86.3	-52.0	-4.5	52.3	185	0.0	1.0	0.583	0.0	1.0	0.984	86.8	-47.4	-11.9	48.9	194	0.0	1.0	0.583		
154	186	195	0.0	1.0	0.6	84.6	-69.7	33.3	77.3	154	0.0	1.0	0.926	86.4	-51.6	-5.3	52.0	186	0.0	1.0	0.6	0.0	1.0	0.991	86.8	-46.8	-12.5	48.6	195	0.0	1.0	0.6		
155	187	195	0.0	1.0	0.616	84.7	-68.9	31.5	75.8	155	0.0	1.0	0.933	86.4	-51.1	-6.2	51.6	187	0.0	1.0	0.617	0.0	1.0	0.997	86.9	-46.3	-13.2	48.3	195	0.0	1.0	0.617		
156	188	196	0.0	1.0	0.633	84.8	-68.1	29.5	74.3	156	0.0	1.0	0.94	86.5	-50.6	-7.0	51.2	188	0.0	1.0	0.633	0.0	1.0	0.997	1.0	86.7	-45.8	-13.9	48.0	196	0.0	1.0	0.633	
157	189	197	0.0	1.0	0.65	84.8	-67.4	27.4	72.8	157	0.0	1.0	0.947	86.5	-50.1	-7.9	50.8	189	0.0	1.0	0.65	0.0	1.0	0.992	1.0	86.3	-45.4	-14.5	47.8	197	0.0	1.0	0.65	
159	190	198	0.0	1.0	0.666	84.9	-66.7	25.4	71.3	159	0.0	1.0	0.955	86.6	-49.6	-8.7	50.5	190	0.0	1.0	0.667	0.0	1.0	0.987	1.0	86.0	-44.9	-15.2	47.5	198	0.0	1.0	0.667	
160	191	199	0.0	1.0	0.683	85.0	-65.8	23.4	69.9	160	0.0	1.0	0.962	86.6	-49.1	-9.5	50.1	191	0.0	1.0	0.683	0.0	1.0	0.983	1.0	85.6	-44.4	-15.8	47.3	199	0.0	1.0	0.683	
161	192	200	0.0	1.0	0.7	85.1	-65.0	21.4	68.4	161	0.0	1.0	0.969	86.7	-48.6	-10.2	49.7	192	0.0	1.0	0.7	0.0	1.0	0.978	1.0	85.3	-44.0	-16.4	47.1	200	0.0	1.0	0.7	
163	193	201	0.0	1.0	0.716	85.2	-64.0	19.5	67.0	163	0.0	1.0	0.976	86.7	-48.0	-11.0	49.4	193	0.0	1.0	0.717	0.0	1.0	0.973	1.0	85.0	-43.5	-17.0	46.8	201	0.0	1.0	0.717	
164	194	202	0.0	1.0	0.733	85.2	-63.1	17.6	65.5	164	0.0	1.0	0.983	86.8	-47.5	-11.8	49.0	194	0.0	1.0	0.733	0.0	1.0	0.968	1.0	84.6	-43.0	-17.6	46.6	202	0.0	1.0	0.733	
165	195	203	0.0	1.0	0.75	85.3	-62.0	15.9	64.0	165	0.0	1.0	0.99	86.8	-46.9	-12.5	48.6	195	0.0	1.0	0.75	0.0	1.0	0.963	1.0	84.3	-42.5	-18.2	46.4	203	0.0	1.0	0.75	
167	196	204	0.0	1.0	0.766	85.4	-61.2	13.7	62.8	167	0.0	1.0	0.997	86.9	-46.3	-13.2	48.3	196	0.0	1.0	0.767	0.0	1.0	0.958	1.0	83.9	-42.0	-18.8	46.1	204	0.0	1.0	0.767	
169	197	205	0.0	1.0	0.783	85.5	-60.4	11.5	61.5	169	0.0	1.0	0.997	1.0	86.6	-45.8	-13.9	48.0	197	0.0	1.0	0.783	0.0	1.0	0.953	1.0	83.6	-41.5	-19.4	45.9	205	0.0	1.0	0.783
170	198	206	0.0	1.0	0.8	85.6	-59.5	9.5	60.2	170	0.0	1.0	0.991	1.0	86.3	-45.3	-14.6	47.7	198	0.0	1.0	0.8	0.0	1.0	0.949	1.0	83.2	-40.9	-19.9	45.7	206	0.0	1.0	0.8
172	199	206	0.0	1.0	0.816	85.7	-58.5	7.5	59.0	172	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 $RYGCBM_d$: $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$; 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}					$LAB^*_{dd361Mi}(x=LabCh)$					C_d	$rgb^*_{ds361Mi}$					$LAB^*_{ds361Mi}(x=LabCh)$					$210C_s$	$rgb^*_{dd361Mi}$					$rgb^*_{de361Mi}$					$LAB^*_{dex361Mi}(x=LabCh)$					$rgb^*_{dd361Mi}$					$216C_e$	$rgb^*_{dd361Mi}$					$216C_e$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																</

http://130.149.60.45/~farbmetrik/SE11/SE11L0FP.PDF /PS; 3D-linearization
F: 3D-linearization SE11/SE11LE30FP.DAT in file (F), page 11/29

F: 3D-linearization SE11/SE11LE30FP.DAT in file (F), page 11/29

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 *RYGBCM*; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

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 $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$			$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}					$LAB^*_{d361Mi}(x=LabCh)$					$rgb^*_{ds361Mi}$					$LAB^*_{dsx361Mi}(x=LabCh)$					$rgb^*_{dd361Mi}$					$rgb^*_{de361Mi}$					$LAB^*_{dex361Mi}(x=LabCh)$					$rgb^*_{dd361Mi}$					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	0.707	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	123.2	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	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	0.017	0.0	1.0	0.0	0.602	1.0	58.7	2.7	-57.5	57.6	272	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</																																								

1-1031030-L0	SE110-72	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
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Output: sRGB standard device; no separation, D65, page 11/29

TUB-test chart SE11; 1080 standard colours

input: $rgb/cmyk \rightarrow rgb_{dd}$

48 step hue circles; *rgb-LabCh** tables, 3D=1, de=0, *sRGB** output: 3D-linearization to *rgb**_{dd}

1-1031030-F

TUB registration: 20130201-SE11/SE11LOFP.PDF/.PS

TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmeterik/SE11/SE11.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

LIB registration: 20130201-SE11/SE11LOFP.PDF/.PS

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 $RYGCBM_d$: $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$; 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}								$LAB^*_{dsx361Mi} (x=LabCh)$								$rgb^*_{ds361Mi}$				$LAB^*_{dex361Mi} (x=LabCh)$								$rgb^*_{dd361Mi}$				
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	303	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	304	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	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																						

http://130.149.60.45/~farbmatrik/SE11/SE11LOFP.PDF /.PS; 3D-linearization
F: 3D-linearization SE11/SE11LE30FP.DAT in file (F), page 13/29

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)	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$dex361Mi$ (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	0.717
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	0.667
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	0.617
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	0.567
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	0.517
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	0.467
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	0.417
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	0.367
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	0.317
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	0.267
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	0.217
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	0.167
393	381	375	1.0	0.0	0.15	50.6	77.6	51.7	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	0.117
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	0.067
398	387	382	1.0	0.0	0.049	50.5	77.1	60.6	98.1	398	1.0	0.0	0.05
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	0.017
400	390	385	1.0	0.0	0.0	50.4	76.9	64.5	100.4	400	1.0	0.0	0.0

1-1031230-L0 SE110-72 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 13/29

TUB-test chart SE11; 1080 standard colours

input: *rgb/cmyk* -> *rgb_{dd}*

48 step hue circles; *rgb-LabCh**tables, 3D=1, de=0, *sRGB** output: 3D-linearization to *rgb_{dd}*

1-1031230-F0

TUB registration: 20130201-SE11/SE11LOFP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF /.PS; 3D-linearization
F: 3D-linearization SE11/SE11LE30FP.DAT in file (F), page 14/29

n/j	HIC*F _{dd}	rgb_F _{dd}	ict_F _{dd}	hsi_F _{dd}	rgb*F _{dd}	LabCh*F _{dd}	rgb**F _{dd}	LabCh**F _{dd}	DE**F _{dd} hsiM _{dd}	rgb*M _{dd}	LabCh*M _{dd}
0/648	R00Y_100_100ad	1.0 0.0 0.0	1.0 1.0 0.5	390	1.0 0.0 0.0	50.4 76.9 64.5	100.4 40.0	1.0 0.0 0.0	50.4 76.9 64.5	39.9 0.0	389
1/657	R13Y_100_100ad	1.0 0.125 0.0	1.0 1.0 0.5	37	1.0 0.116 0.0	51.4 74.1 64.9	98.5 41.2	0.999 0.117 0.0	51.4 74.2 64.8	98.5 41.1	36
2/666	R25Y_100_100ad	1.0 0.25 0.0	1.0 1.0 0.5	44	1.0 0.233 0.0	53.7 67.6 65.8	94.4 44.2	0.999 0.234 0.0	53.6 67.8 65.8	94.5 44.1	0.2 42
3/675	R38Y_100_100ad	1.0 0.375 0.0	1.0 1.0 0.5	52	1.0 0.366 0.0	57.9 56.2 67.9	88.1 50.3	0.999 0.368 0.0	57.9 56.1 67.8	88.0 50.3	0.1 51
4/684	R50Y_100_100ad	1.0 0.5 0.0	1.0 1.0 0.5	60	1.0 0.5 0.0	63.6 41.3 71.0	82.2 59.7	1.0 0.501 0.0	63.7 41.1 71.0	82.1 59.9	0.2 59
5/693	R63Y_100_100ad	1.0 0.625 0.0	1.0 1.0 0.5	68	1.0 0.633 0.0	70.5 24.7 75.4	79.4 71.8	1.0 0.631 0.0	70.4 24.9 75.2	79.3 71.6	0.2 68
6/702	R75Y_100_100ad	1.0 0.75 0.0	1.0 1.0 0.5	76	1.0 0.766 0.0	78.2 7.8 80.6	81.0 84.4	1.0 0.765 0.0	78.1 7.9 80.4	80.8 84.3	0.2 77
7/711	R88Y_100_100ad	1.0 0.875 0.0	1.0 1.0 0.5	83	1.0 0.883 0.0	85.3 -6.7 85.5	85.8 94.4	1.0 0.882 0.0	85.2 -6.7 85.4	85.6 94.4	0.1 83
8/720	Y00G_100_100ad	1.0 1.0 0.0	1.0 1.0 0.5	90	1.0 1.0 0.0	92.6 -20.7 90.7	93.0 102.8	1.0 1.0 0.0	92.6 -20.6 90.7	93.0 102.8	0.0 89
9/639	Y13G_100_100ad	0.875 1.0 0.0	1.0 1.0 0.5	97	0.883 1.0 0.0	90.5 -32.2 88.3	94.0 110.0	0.882 1.0 0.0	90.5 -32.3 88.2	93.9 110.1	0.0 96
10/558	Y25G_100_100ad	0.75 1.0 0.0	1.0 1.0 0.5	104	0.766 1.0 0.0	88.7 -43.3 86.2	96.5 116.6	0.765 0.999 0.0	88.7 -43.4 86.1	96.4 116.7	0.1 102
11/477	Y38G_100_100ad	0.625 1.0 0.0	1.0 1.0 0.5	112	0.633 1.0 0.0	87.0 -55.0 84.1	100.5 123.2	0.631 0.999 0.0	87.0 -55.2 84.0	100.5 123.3	0.1 111
12/396	Y50G_100_100ad	0.5 1.0 0.0	1.0 1.0 0.5	120	0.5 1.0 0.0	85.7 -65.2 82.4	105.1 128.3	0.501 0.999 0.0	85.7 -65.0 82.4	105.0 128.2	0.1 119
13/315	Y63G_100_100ad	0.375 1.0 0.0	1.0 1.0 0.5	128	0.366 1.0 0.0	84.7 -73.2 81.2	109.3 132.0	0.368 0.999 0.0	84.7 -73.1 81.2	109.3 132.0	0.0 128
14/234	Y75G_100_100ad	0.25 1.0 0.0	1.0 1.0 0.5	136	0.233 1.0 0.0	84.0 -78.7 80.4	112.5 134.3	0.234 0.999 0.0	84.0 -78.7 80.4	112.5 134.4	0.0 137
15/153	Y88G_100_100ad	0.125 1.0 0.0	1.0 1.0 0.5	143	0.116 1.0 0.0	83.7 -81.5 80.0	114.2 135.5	0.117 0.999 0.0	83.7 -81.6 80.0	114.3 135.5	0.0 143
16/72	G00C_100_100ad	0.0 1.0 0.0	1.0 1.0 0.5	150	0.0 1.0 0.0	83.6 -82.7 79.8	115.0 136.0	0.0 0.999 0.0	83.6 -82.7 79.8	115.0 136.0	0.0 149
17/73	G13C_100_100ad	0.0 1.0 0.125	1.0 1.0 0.5	157	0.0 1.0 0.116	83.6 -82.1 76.8	112.5 136.9	0.0 1.0 0.117	83.6 -82.2 76.9	112.5 136.9	0.0 156
18/74	G25C_100_100ad	0.0 1.0 0.25	1.0 1.0 0.5	164	0.0 1.0 0.233	83.7 -80.8 70.1	106.9 139.0	0.0 1.0 0.234	83.7 -80.8 70.2	107.1 138.9	0.1 162
19/75	G38C_100_100ad	0.0 1.0 0.375	1.0 1.0 0.5	172	0.0 1.0 0.366	84.0 -78.0 58.8	97.7 142.9	0.0 1.0 0.368	84.0 -77.9 58.7	97.6 142.9	0.0 171
20/76	G50C_100_100ad	0.0 1.0 0.5	1.0 1.0 0.5	180	0.0 1.0 0.5	84.3 -73.7 44.9	86.4 148.6	0.0 1.0 0.501	84.3 -73.6 44.7	86.1 148.7	0.2 180
21/77	G63C_100_100ad	0.0 1.0 0.625	1.0 1.0 0.5	188	0.0 1.0 0.633	84.8 -68.1 29.5	74.3 156.5	0.0 1.0 0.632	84.8 -68.1 29.7	74.3 156.4	0.1 188
22/78	G75C_100_100ad	0.0 1.0 0.75	1.0 1.0 0.5	196	0.0 1.0 0.766	85.4 -61.2 13.7	62.8 167.3	0.0 1.0 0.767	85.4 -61.0 13.8	62.6 167.2	0.2 197
23/79	G88C_100_100ad	0.0 1.0 0.875	1.0 1.0 0.5	203	0.0 1.0 0.883	86.1 -54.1 0.0	54.1 180.0	0.0 1.0 0.883	86.1 -53.9 0.0	53.9 179.9	0.1 203
24/80	C00B_100_100ad	0.0 1.0 1.0	1.0 1.0 0.5	210	0.0 1.0 1.0	86.8 -46.1 -13.5	48.1 196.3	0.0 1.0 1.0	86.8 -46.1 -13.5	48.1 196.3	0.0 210
25/71	C13B_100_100ad	0.0 0.875 1.0	1.0 1.0 0.5	217	0.0 0.883 1.0	78.5 -33.4 -26.3	42.5 218.2	0.0 0.883 1.0	78.5 -33.3 -26.1	42.3 218.1	0.2 216
26/62	C25B_100_100ad	0.0 0.75 1.0	1.0 1.0 0.5	224	0.0 0.766 1.0	70.2 -19.5 -39.3	43.9 243.6	0.0 0.766 1.0	70.3 -19.2 -38.9	43.3 243.7	0.5 222
27/63	C38B_100_100ad	0.0 0.625 1.0	1.0 1.0 0.5	232	0.0 0.633 1.0	60.9 -1.5 -53.9	53.9 268.3	0.0 0.632 1.0	60.8 -1.2 -53.7	53.8 268.6	0.3 231
28/44	C50B_100_100ad	0.0 0.5 1.0	1.0 1.0 0.5	240	0.0 0.5 1.0	51.7 18.3 -68.3	70.7 285.0	0.0 0.501 0.999	51.9 18.0 -68.1	70.4 284.8	0.3 240
29/35	C63B_100_100ad	0.0 0.375 1.0	1.0 1.0 0.5	248	0.0 0.366 1.0	43.4 38.7 -82.0	90.7 295.3	0.0 0.368 1.0	43.4 38.6 -81.8	90.5 295.2	0.2 248
30/26	C75B_100_100ad	0.0 0.25 1.0	1.0 1.0 0.5	256	0.0 0.233 1.0	36.5 57.6 -93.4	109.7 301.6	0.0 0.234 1.0	36.4 57.8 -93.4	109.9 301.7	0.2 257
31/17	C88B_100_100ad	0.0 0.125 1.0	1.0 1.0 0.5	263	0.0 0.116 1.0	32.3 70.0 -100.3	122.3 304.9	0.0 0.117 1.0	32.2 70.2 -100.4	122.5 304.9	0.2 263
32/8	B00M_100_100ad	0.0 0.0 1.0	1.0 1.0 0.5	270	0.0 0.0 1.0	30.3 76.0 -103.5	128.5 306.2	0.0 0.0 1.0	30.3 76.0 -103.5	128.5 306.2	0.0 270
33/89	B13M_100_100ad	0.125 0.0 1.0	1.0 1.0 0.5	277	0.116 0.0 1.0	30.9 76.2 -102.5	127.8 306.6	0.117 0.0 0.999	30.9 76.2 -102.6	127.8 306.6	0.0 276
34/170	B25M_100_100ad	0.25 0.0 1.0	1.0 1.0 0.5	284	0.233 0.0 1.0	32.3 76.7 -100.1	126.2 307.4	0.234 0.0 0.999	32.3 76.7 -100.2	126.2 307.4	0.0 282
35/251	B38M_100_100ad	0.375 0.0 1.0	1.0 1.0 0.5	292	0.366 0.0 1.0	34.9 77.9 -95.7	123.4 309.1	0.368 0.0 0.999	35.0 77.9 -95.7	123.4 309.1	0.0 291
36/332	B50M_100_100ad	0.5 0.0 1.0	1.0 1.0 0.5	300	0.5 0.0 1.0	38.5 79.8 -89.7	120.0 311.6	0.501 0.0 0.999	38.6 79.8 -89.6	120.0 311.7	0.1 300
37/413	B63M_100_100ad	0.625 0.0 1.0	1.0 1.0 0.5	308	0.633 0.0 1.0	43.0 82.7 -82.2	116.6 315.1	0.632 0.0 1.0	42.9 82.6 -82.3	116.7 315.1	0.1 308
38/494	B75M_100_100ad	0.75 0.0 1.0	1.0 1.0 0.5	316	0.766 0.0 1.0	47.9 86.4 -74.0	113.8 319.4	0.765 0.0 1.0	47.8 86.3 -74.0	113.7 319.3	0.1 317
39/575	B88M_100_100ad	0.875 0.0 1.0	1.0 1.0 0.5	323	0.883 0.0 1.0	52.5 90.1 -66.3	111.9 323.6	0.882 0.0 1.0	52.5 90.1 -66.3	111.9 323.6	0.0 323
40/656	M00R_100_100ad	1.0 0.0 1.0	1.0 1.0 0.5	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2	1.0 0.0 1.0	57.2 94.3 -58.4	111.0 328.2	0.0 330
41/655	M13R_100_100ad	1.0 0.0 0.875	1.0 1.0 0.5	337	1.0 0.0 0.883	55.7 90.6 -44.8	101.1 333.6	1.0 0.0 0.882	55.7 90.5 -44.8	101.0 333.6	0.0 336
42/654	M25R_100_100ad	1.0 0.0 0.75	1.0 1.0 0.5	344	1.0 0.0 0.766	54.4 87.3 -30.6	92.5 340.6	1.0 0.0 0.765	54.3 87.1 -30.5	92.3 340.6	0.2 342
43/653	M38R_100_100ad	1.0 0.0 0.625	1.0 1.0 0.5	352	1.0 0.0 0.633	53.0 83.9 -13.6	85.0 350.7	1.0 0.0 0.631	53.0 83.8 -13.5	84.9 350.8	0.1 351
44/652	M50R_100_100ad	1.0 0.0 0.5	1.0 1.0 0.5	360	1.0 0.0 0.5	52.0 81.1 4.1	81.2 2.9	1.0 0.0 0.5	52.0 81.1 4.1	81.2 2.9	0.0 360
45/651	M63R_100_100ad	1.0 0.0 0.375	1.0 1.0 0.5	368	1.0 0.0 0.366	51.3 79.3 22.7	82.5 16.0	1.0 0.0 0.368	51.3 79.1 22.5	82.3 15.9	0.2 368
46/650	M75R_100_100ad	1.0 0.0 0.25	1.0 1.0 0.5	376	1.0 0.0 0.233	50.8 78.0 41.2	88.2 27.8	1.0 0.0 0.234	50.8 77.8 41.2	88.1 27.9	0.1 377
47/649	M88R_100_100ad	1.0 0.0 0.125	1.0 1.0 0.5	383	1.0 0.0 0.116	50.5 77.2 55.6	95.1 35.7	1.0 0.0 0.117	50.5 77.2 55.7	95.2 35.8	0.1 383
48/648	R00Y_100_100ad	1.0 0.0 0.0	1.0 1.0 0.5	390	1.0 0.0 0.0	50.4 76.9 64.5	100.4 40.0	1.0 0.0 0.0	50.4 76.9 64.5	100.4 39.9	0.0 389
49/0	NW_000ad	0.0 0.0 0.0	0.0 0.0 0.0	360	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0	0.0 360
50/91	NW_013ad	0.125 0.125 0.125	0.125 0.0 0.125	360	0.125 0.125 0.125	11.9 0.0 0.0	0.0 0.0	0.129 0.132 0.132	11.9 -0.2 0.0	0.2 198.6	0.2 360
51/182	NW_025ad	0.25 0.25 0.25	0.25 0.0 0.25	360	0.25 0.25 0.25	23.8 0.0 0.0	0.0 0.0	0.232 0.236 0.237	23.7 -0.4 -0.2	0.4 207.2	0.4 360
52/273	NW_038ad	0.375 0.375 0.375	0.375 0.0 0.375	360	0.375 0.375 0.375	35.7 0.0 0.0	0.0 0.0	0.345 0.35 0.35	35.7 -0.4 -0.2	0.5 205.6	0.5 360
53/364	NW_050ad	0.5 0.5 0.5	0.5 0.0 0.5	360	0.5 0.5 0.5	47.7 0.0 0.0	0.0 0.0	0.466 0.47 0.471	47.7 -0.3 -0.1	0.4 205.6	0.4 360
54/455	NW_063ad	0.625 0.625 0.625	0.625 0.0 0.625	360	0.625 0.625 0.625	59.6 0.0 0.0	0.0 0.0	0.595 0.593 0.594	59.4 -0.2 -0.1	0.3 206.3	0.3 360
55/546	NW_075ad	0.75 0.75 0.75	0.75 0.0 0.75	360	0.75 0.75 0.75	71.5 0.0 0.0	0.0 0.0	0.721 0.724 0.724	71.3 -0.1 0.0	0.2 207.8	0.2 360
56/637	NW_088ad	0.875 0.875 0.875	0.875 0.0 0.875	360	0.875 0.875 0.875	83.4 0.0 0.0	0.0 0.0	0.858 0.86 0.86	83.3 0.0 0.0	0.1 212.6	0.1 360
57/728	NW_100ad	1.0 1.0 1.0	1.0 0.0 1.0	360	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0	1.0 1.0 1.0	95.4 0.0 0.0	0.0 325.2	0.0 360

Mean color difference of this page:

delta E* = 0.1

TUB registration: 20130201-SE11/SE11LOFP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

TUB-test chart SE11; 1080 standard colours
colors and differences, ΔE^* , 3D=1, de=0, sRGB*input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to rgb^*_{dd}

http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF /.PS; 3D-linearization
F: 3D-linearization SE11/SE11LE30FP.DAT in file (F), page 15/29

see similar files: <http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE11/SE11LOFP.PDF /.PS
application for measurement of display output, no separation
TUB material: code=rha4ta

n/f	HIC*Fdd	rgb_Fdd	ict_Fdd	hsi_Fdd	rgb*Fdd	LabCh*Fdd	rgb*Fdd	LabCh*Fdd	DE**Fdd hsiMadd	rgb*Mdd	LabCh*Mdd
0/648	R00Y_100_100add	1.0 0.0 0.0	1.0 1.0 0.5	390	1.0 0.0 0.0	50.4 76.9 64.5	100.4 40.0	1.0 0.0 0.0	50.4 76.9 64.5	100.4 39.0 0.0	389
1/666	R25Y_100_100add	1.0 0.25 0.0	1.0 1.0 0.5	44	1.0 0.233 0.0	53.7 67.6 65.8	94.4 44.2	0.999 0.234 0.0	53.6 67.8 65.8	94.5 44.1 0.2	42
2/684	R50Y_100_100add	1.0 0.5 0.0	1.0 1.0 0.5	60	1.0 0.5 0.0	63.6 41.3 71.0	82.2 59.7	1.0 0.501 0.0	63.7 41.1 71.0	82.1 59.9 0.2	59
3/702	R75Y_100_100add	1.0 0.75 0.0	1.0 1.0 0.5	76	1.0 0.766 0.0	78.2 7.8 80.6	81.0 84.4	1.0 0.765 0.0	78.1 7.9 80.4	80.8 84.3 0.2	77
4/720	Y00G_100_100add	1.0 1.0 0.0	1.0 1.0 0.5	90	1.0 1.0 0.0	92.6 -20.7 90.7	93.0 102.8	1.0 1.0 0.0	92.6 -20.6 90.7	93.0 102.8 0.0	89
5/558	Y25G_100_100add	0.75 1.0 0.0	1.0 1.0 0.5	104	0.766 1.0 0.0	88.7 -43.3 86.2	96.5 116.6	0.765 0.999 0.0	88.7 -43.4 86.1	96.4 116.7 0.1	102
6/396	Y50G_100_100add	0.5 1.0 0.0	1.0 1.0 0.5	120	0.5 1.0 0.0	85.7 -65.2 82.4	105.1 128.3	0.501 0.999 0.0	85.7 -65.0 82.4	105.0 128.2 0.1	119
7/234	Y75G_100_100add	0.25 1.0 0.0	1.0 1.0 0.5	136	0.233 1.0 0.0	84.0 -78.7 80.4	112.5 134.3	0.234 0.999 0.0	84.0 -78.7 80.4	112.5 134.4 0.0	137
8/72	G00B_100_100add	0.0 1.0 0.0	1.0 1.0 0.5	150	0.0 1.0 0.0	83.6 -82.7 79.8	115.0 136.0	0.0 0.999 0.0	83.6 -82.7 79.8	115.0 136.0 0.0	149
9/72	G00B_100_100add	0.0 1.0 0.0	1.0 1.0 0.5	150	0.0 1.0 0.0	83.6 -82.7 79.8	115.0 136.0	0.0 0.999 0.0	83.6 -82.7 79.8	115.0 136.0 0.0	149
10/76	G25B_100_100add	0.0 1.0 0.5	1.0 1.0 0.5	180	0.0 1.0 0.5	84.3 -73.7 44.9	86.4 148.6	0.0 1.0 0.501	84.3 -73.6 44.7	86.1 148.7 0.2	180
11/80	G50B_100_100add	0.0 1.0 1.0	1.0 1.0 0.5	210	0.0 1.0 1.0	86.8 -46.1 -13.5	48.1 196.3	0.0 1.0 1.0	86.8 -46.1 -13.5	48.1 196.3 0.0	210
12/44	G75B_100_100add	0.0 0.5 1.0	1.0 1.0 0.5	240	0.0 0.5 1.0	51.7 18.3 -68.3	70.7 285.0	0.0 0.501 0.999	51.9 18.0 -68.1	70.4 284.8 0.3	240
13/8	B00M_100_100add	0.0 0.0 1.0	1.0 1.0 0.5	270	0.0 0.0 1.0	30.3 76.0 -103.5	128.5 306.2	0.0 0.0 1.0	30.3 76.0 -103.5	128.5 306.2 0.0	270
14/332	B25R_100_100add	0.5 0.0 1.0	1.0 1.0 0.5	300	0.5 0.0 1.0	38.5 79.8 -89.7	120.0 311.6	0.501 0.0 0.999	38.6 79.8 -89.6	120.0 311.7 0.1	300
15/656	B50R_100_100add	1.0 0.0 1.0	1.0 1.0 0.5	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2	1.0 0.0 1.0	57.2 94.3 -58.4	111.0 328.2 0.0	330
16/652	B75R_100_100add	1.0 0.0 0.5	1.0 1.0 0.5	360	1.0 0.0 0.5	52.0 81.1 4.1	81.2 2.9	1.0 0.0 0.5	52.0 81.1 4.1	81.2 2.9 0.0	360
17/648	R00Y_100_100add	1.0 0.0 0.0	1.0 1.0 0.5	390	1.0 0.0 0.0	50.4 76.9 64.5	100.4 40.0	1.0 0.0 0.0	50.4 76.9 64.5	100.4 39.0 0.0	389
18/688	R00Y_100_050add	1.0 0.5 0.5	1.0 0.5 0.75	390	1.0 0.5 0.5	72.9 38.4 32.2	50.2 40.0	1.0 0.62 0.501	70.8 31.9 29.6	43.4 43.1 7.5	389
19/706	R50Y_100_050add	1.0 0.75 0.5	1.0 0.5 0.75	60	1.0 0.75 0.5	79.5 20.6 35.5	41.1 59.7	1.0 0.749 0.547	78.1 16.2 33.4	37.2 64.1 5.0	59
20/724	Y00G_100_050add	1.0 1.0 0.5	1.0 0.5 0.75	90	1.0 1.0 0.5	94.0 -10.3 45.3	46.5 102.8	1.0 0.998 0.616	93.5 -13.0 44.7	46.6 106.2 2.8	89
21/562	Y50G_100_050add	0.75 1.0 0.5	1.0 0.5 0.75	120	0.75 1.0 0.5	90.5 -32.6 41.2	52.5 128.3	0.791 1.0 0.607	90.1 -32.1 40.7	51.9 128.2 0.7	119
22/490	G00B_100_050add	0.5 1.0 0.5	1.0 0.5 0.75	150	0.5 1.0 0.5	89.5 -41.3 39.9	57.5 136.0	0.691 1.0 0.604	89.7 -40.5 39.0	56.3 136.0 1.4	149
23/404	G50B_100_050add	0.5 1.0 1.0	1.0 0.5 0.75	210	0.5 1.0 1.0	91.1 -23.0 -6.7	24.0 196.3	0.693 1.0 0.999	90.7 -22.7 -7.3	23.8 197.8 0.7	210
24/368	B00R_100_050add	0.5 0.5 1.0	1.0 0.5 0.75	270	0.5 0.5 1.0	62.8 38.0 -51.7	64.2 306.2	0.697 0.545 1.0	62.6 37.1 -50.5	62.6 306.3 1.5	270
25/692	B50R_100_050add	1.0 0.5 1.0	1.0 0.5 0.75	330	1.0 0.5 1.0	76.3 47.1 -29.2	55.4 328.2	1.0 0.646 1.0	75.4 45.0 -29.9	54.0 326.3 2.4	330
26/688	R00Y_100_050add	1.0 0.5 0.5	1.0 0.5 0.75	390	1.0 0.5 0.5	72.9 38.4 32.2	50.2 40.0	1.0 0.62 0.501	70.8 31.6 29.6	43.4 43.1 7.5	389
27/506	R00Y_075_050add	0.75 0.25 0.25	0.75 0.5 0.5	390	0.75 0.25 0.25	49.0 38.4 32.2	50.2 40.0	0.77 0.36 0.267	49.0 38.4 32.1	50.0 39.8 0.1	389
28/524	R50Y_075_050add	0.75 0.5 0.25	0.75 0.5 0.5	60	0.75 0.5 0.25	55.6 20.6 35.5	41.1 59.7	0.755 0.492 0.3	55.7 20.2 35.6	40.9 60.3 0.4	59
29/542	Y00G_075_050add	0.75 0.75 0.25	0.75 0.5 0.5	90	0.75 0.75 0.25	70.1 -10.3 45.3	46.5 102.8	0.742 0.723 0.36	70.0 -10.4 45.2	46.3 102.9 0.2	89
30/380	Y50G_075_050add	0.5 0.75 0.25	0.75 0.5 0.5	120	0.5 0.75 0.25	66.7 -32.6 41.2	52.5 128.3	0.521 0.728 0.352	66.6 -32.6 41.1	52.5 128.4 0.1	119
31/218	G00B_075_050add	0.25 0.75 0.25	0.75 0.5 0.5	150	0.25 0.75 0.25	65.6 -41.3 39.9	57.5 136.0	0.419 0.731 0.349	65.5 -41.5 39.8	57.5 136.1 0.2	149
32/222	G50B_075_050add	0.25 0.75 0.75	0.75 0.5 0.5	210	0.25 0.75 0.75	67.2 -23.0 -6.7	24.0 196.3	0.42 0.727 0.723	67.1 -23.3 -6.7	24.3 196.2 0.2	210
33/186	B00R_075_050add	0.25 0.25 0.75	0.75 0.5 0.5	270	0.25 0.25 0.75	39.0 38.0 -51.7	64.2 306.2	0.424 0.297 0.733	38.8 38.0 -51.9	64.4 306.2 0.2	270
34/510	B50R_075_050add	0.75 0.25 0.75	0.75 0.5 0.5	330	0.75 0.25 0.75	52.5 47.1 -29.2	55.4 328.2	0.742 0.385 0.728	52.4 46.8 -29.1	55.2 328.1 0.2	330
35/506	R00Y_075_050add	0.75 0.25 0.25	0.75 0.5 0.5	390	0.75 0.25 0.25	49.0 38.4 32.2	50.2 40.0	0.77 0.36 0.267	49.0 38.4 32.1	50.0 39.8 0.1	389
36/324	R00Y_050_050add	0.5 0.0 0.0	0.5 0.5 0.25	390	0.5 0.0 0.0	25.2 38.4 32.2	50.2 40.0	0.485 0.1 0.037	25.0 39.2 33.3	51.4 40.3 1.3	389
37/342	R50Y_050_050add	0.5 0.25 0.0	0.5 0.5 0.25	60	0.5 0.25 0.0	31.8 20.6 35.5	41.1 59.7	0.48 0.252 0.063	31.8 20.7 36.5	41.9 60.4 0.9	59
38/360	Y00G_050_050add	0.5 0.5 0.0	0.5 0.5 0.25	90	0.5 0.5 0.0	46.3 -10.3 45.3	46.5 102.8	0.474 0.47 0.101	46.3 -10.7 46.0	47.2 103.1 0.7	89
39/198	Y50G_050_050add	0.25 0.5 0.0	0.5 0.5 0.25	120	0.25 0.5 0.0	42.8 -32.6 41.2	52.5 128.3	0.262 0.473 0.095	42.9 -33.2 42.0	53.5 128.3 1.0	119
40/36	G00B_050_050add	0.0 0.5 0.0	0.5 0.5 0.25	150	0.0 0.5 0.0	41.8 -41.3 39.9	57.5 136.0	0.138 0.474 0.093	41.9 -42.0 40.8	58.6 138.8 1.1	149
41/40	G50B_050_050add	0.0 0.5 0.5	0.5 0.5 0.25	210	0.0 0.5 0.5	43.4 -23.0 -6.7	24.0 196.3	0.134 0.472 0.47	43.5 -23.7 -6.8	24.6 196.0 0.6	210
42/4	B00R_050_050add	0.0 0.0 0.5	0.5 0.5 0.25	270	0.0 0.0 0.5	15.1 38.0 -51.7	64.2 306.2	0.139 0.058 0.474	14.6 39.3 -53.0	66.0 306.5 1.8	270
43/328	B50R_050_050add	0.5 0.0 0.5	0.5 0.5 0.25	330	0.5 0.0 0.5	28.6 47.1 -29.2	55.4 328.2	0.475 0.122 0.472	28.6 47.3 -29.5	55.7 327.9 0.3	330
44/324	R00Y_050_050add	0.5 0.0 0.0	0.5 0.5 0.25	390	0.5 0.0 0.0	25.2 38.4 32.2	50.2 40.0	0.485 0.1 0.037	25.0 39.2 33.3	51.4 40.3 1.3	389
45/0	NW_000dd	0.0 0.0 0.0	0.0 0.0 0.0	360	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360
46/91	NW_013dd	0.125 0.125 0.125	0.125 0.0 0.125	360	0.125 0.125 0.125	11.9 0.0 0.0	0.0 0.0	0.129 0.132 0.132	11.9 -0.2 0.0	0.2 198.6 0.2	360
47/182	NW_025dd	0.25 0.25 0.25	0.25 0.0 0.25	360	0.25 0.25 0.25	23.8 0.0 0.0	0.0 0.0	0.232 0.236 0.237	23.7 -0.4 -0.2	0.4 207.2 0.4	360
48/273	NW_038dd	0.375 0.375 0.375	0.375 0.0 0.375	360	0.375 0.375 0.375	35.7 0.0 0.0	0.0 0.0	0.345 0.35 0.35	35.7 -0.4 -0.2	0.5 205.6 0.5	360
49/364	NW_050dd	0.5 0.5 0.5	0.5 0.0 0.5	360	0.5 0.5 0.5	47.7 0.0 0.0	0.0 0.0	0.466 0.47 0.471	47.7 -0.3 -0.1	0.4 205.6 0.4	360
50/455	NW_063dd	0.625 0.625 0.625	0.625 0.0 0.625	360	0.625 0.625 0.625	59.6 0.0 0.0	0.0 0.0	0.59 0.593 0.594	59.4 -0.2 -0.1	0.3 206.3 0.3	360
51/546	NW_075dd	0.75 0.75 0.75	0.75 0.0 0.75	360	0.75 0.75 0.75	71.5 0.0 0.0	0.0 0.0	0.721 0.724 0.724	71.3 -0.1 0.0	0.2 207.8 0.2	360
52/637	NW_088dd	0.875 0.875 0.875	0.875 0.0 0.875	360	0.875 0.875 0.875	83.4 0.0 0.0	0.0 0.0	0.858 0.86 0.86	83.3 0.0 0.0	0.1 212.6 0.1	360
53/728	NW_100dd	1.0 1.0 1.0	1.0 0.0 1.0	360	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0	1.0 1.0 1.0	95.4 0.0 0.0	0.0 325.2 0.0	360
Mean color difference of this page:										delta E** = 0.8	

TUB-test chart SE11; 1080 standard colours
colors and differences, ΔE^* , 3D=1, de=0, sRGB*

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

http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF /.PS; 3D-linearization
F: 3D-linearization SE11/SE11LE30FP.DAT in file (F), page 16/29

see similar files: <http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE11/SE11LOFP.PDF /.PS
application for measurement of display output, no separation
TUB material: code=rha4ta

n\j	HIC*Fdd	rgb_Fdd	ict_Fdd	hsi_Fdd	rgb*Fdd	LabCh*Fdd	rgb*Fdd	LabCh*Fdd	DE**Fdd hsi_Mdd	rgb*Mdd	LabCh*Mdd
0	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	B00R_012_012dd	0.0	0.0	0.125	0.125	0.125	0.062	0.062	0.005	0.023	0.136
2	B00R_025_025dd	0.0	0.0	0.25	0.25	0.25	0.125	0.125	0.010	0.048	0.24
3	B00R_037_037dd	0.0	0.0	0.375	0.375	0.187	0.270	0.0	0.012	0.058	0.354
4	B00R_050_050dd	0.0	0.0	0.5	0.5	0.5	0.25	0.270	0.0	0.0	0.5
5	B00R_062_062dd	0.0	0.0	0.625	0.625	0.312	0.270	0.0	0.0	0.0	0.625
6	B00R_075_075dd	0.0	0.0	0.75	0.75	0.375	0.270	0.0	0.0	0.0	0.75
7	B00R_087_087dd	0.0	0.0	0.875	0.875	0.437	0.270	0.0	0.0	0.0	0.875
8	B00R_100_100dd	0.0	0.0	1.0	1.0	0.5	0.270	0.0	0.0	0.0	1.0
9	G00B_012_012dd	0.0	0.125	0.125	0.125	0.062	0.150	0.0	0.125	0.0	0.1
10	G50B_012_012dd	0.0	0.125	0.125	0.125	0.062	0.210	0.0	0.125	0.125	0.1
11	G75B_025_025dd	0.0	0.125	0.25	0.25	0.125	0.240	0.0	0.125	0.25	0.2
12	G84B_037_037dd	0.0	0.125	0.375	0.375	0.187	0.251	0.0	0.118	0.375	0.15
13	G88B_050_050dd	0.0	0.125	0.5	0.5	0.25	0.256	0.0	0.116	0.5	0.18
14	G90B_062_062dd	0.0	0.125	0.625	0.625	0.312	0.259	0.0	0.114	0.625	0.21
15	G92B_075_075dd	0.0	0.125	0.75	0.75	0.375	0.261	0.0	0.112	0.75	0.25
16	G93B_087_087dd	0.0	0.125	0.875	0.875	0.437	0.262	0.0	0.116	0.875	0.28
17	G94B_100_100dd	0.0	0.125	1.0	1.0	0.5	0.263	0.0	0.116	1.0	0.3
18	G00B_025_025dd	0.0	0.25	0.25	0.25	0.125	0.150	0.0	0.25	0.25	0.2
19	G25B_025_025dd	0.0	0.25	0.125	0.25	0.125	0.180	0.0	0.25	0.125	0.1
20	G50B_025_025dd	0.0	0.25	0.25	0.25	0.125	0.210	0.0	0.25	0.25	0.2
21	G65B_037_037dd	0.0	0.25	0.375	0.375	0.187	0.229	0.0	0.256	0.375	0.21
22	G75B_050_050dd	0.0	0.25	0.5	0.5	0.25	0.240	0.0	0.25	0.5	0.2
23	G80B_062_062dd	0.0	0.25	0.625	0.625	0.312	0.247	0.0	0.239	0.625	0.27
24	G84B_075_075dd	0.0	0.25	0.75	0.75	0.375	0.251	0.0	0.237	0.75	0.3
25	G86B_087_087dd	0.0	0.25	0.875	0.875	0.437	0.254	0.0	0.233	0.875	0.32
26	G88B_100_100dd	0.0	0.25	1.0	1.0	0.5	0.256	0.0	0.233	1.0	0.36
27	G00B_037_037dd	0.0	0.375	0.375	0.375	0.187	0.150	0.0	0.375	0.375	0.1
28	G15B_037_037dd	0.0	0.375	0.125	0.375	0.187	0.169	0.0	0.375	0.118	0.14
29	G34B_037_037dd	0.0	0.375	0.25	0.375	0.187	0.191	0.0	0.375	0.256	0.18
30	G50B_037_037dd	0.0	0.375	0.375	0.375	0.187	0.210	0.0	0.375	0.375	0.2
31	G61B_050_050dd	0.0	0.375	0.5	0.5	0.25	0.224	0.0	0.383	0.5	0.2
32	G69B_062_062dd	0.0	0.375	0.625	0.625	0.312	0.233	0.0	0.385	0.625	0.3
33	G75B_075_075dd	0.0	0.375	0.75	0.75	0.375	0.240	0.0	0.375	0.75	0.38
34	G79B_087_087dd	0.0	0.375	0.875	0.875	0.437	0.245	0.0	0.364	0.875	0.4
35	G81B_100_100dd	0.0	0.375	1.0	1.0	0.5	0.248	0.0	0.366	1.0	0.43
36	G00B_050_050dd	0.0	0.5	0.5	0.5	0.25	0.150	0.0	0.5	0.5	0.4
37	G11B_050_050dd	0.0	0.5	0.125	0.5	0.25	0.164	0.0	0.5	0.116	0.18
38	G25B_050_050dd	0.0	0.5	0.25	0.5	0.25	0.180	0.0	0.5	0.25	0.2
39	G38B_050_050dd	0.0	0.5	0.375	0.5	0.25	0.196	0.0	0.5	0.383	0.27
40	G50B_050_050dd	0.0	0.5	0.5	0.5	0.25	0.210	0.0	0.5	0.5	0.4
41	G59B_062_062dd	0.0	0.5	0.625	0.625	0.312	0.221	0.0	0.51	0.625	0.4
42	G65B_075_075dd	0.0	0.5	0.75	0.75	0.375	0.229	0.0	0.512	0.75	0.43
43	G70B_087_087dd	0.0	0.5	0.875	0.875	0.437	0.235	0.0	0.51	0.875	0.44
44	G75B_100_100dd	0.0	0.5	1.0	1.0	0.5	0.240	0.0	0.5	1.0	0.5
45	G00B_062_062dd	0.0	0.625	0.625	0.625	0.312	0.150	0.0	0.625	0.625	0.3
46	G09B_062_062dd	0.0	0.625	0.125	0.625	0.312	0.161	0.0	0.625	0.114	0.15
47	G19B_062_062dd	0.0	0.625	0.25	0.625	0.312	0.173	0.0	0.625	0.239	0.15
48	G30B_062_062dd	0.0	0.625	0.375	0.625	0.312	0.187	0.0	0.625	0.385	0.15
49	G40B_062_062dd	0.0	0.625	0.5	0.625	0.312	0.199	0.0	0.625	0.51	0.15
50	G50B_062_062dd	0.0	0.625	0.625	0.625	0.312	0.210	0.0	0.625	0.625	0.2
51	G57B_075_075dd	0.0	0.625	0.75	0.75	0.375	0.219	0.0	0.637	0.75	0.15
52	G63B_087_087dd	0.0	0.625	0.875	0.875	0.437	0.226	0.0	0.641	0.875	0.15
53	G68B_100_100dd	0.0	0.625	1.0	1.0	0.5	0.232	0.0	0.633	1.0	0.15
54	G00B_075_075dd	0.0	0.75	0.75	0.75	0.375	0.150	0.0	0.75	0.75	0.6
55	G07B_075_075dd	0.0	0.75	0.125	0.75	0.375	0.159	0.0	0.75	0.112	0.15
56	G15B_075_075dd	0.0	0.75	0.25	0.75	0.375	0.169	0.0	0.75	0.237	0.15
57	G25B_075_075dd	0.0	0.75	0.375	0.75	0.375	0.189	0.0	0.75	0.375	0.2
58	G34B_075_075dd	0.0	0.75	0.5	0.75	0.375	0.191	0.0	0.75	0.512	0.2
59	G42B_075_075dd	0.0	0.75	0.625	0.75	0.375	0.201	0.0	0.75	0.637	0.2
60	G50B_075_075dd	0.0	0.75	0.75	0.75	0.375	0.210	0.0	0.75	0.75	0.2
61	G56B_087_087dd	0.0	0.75	0.875	0.875	0.437	0.218	0.0	0.758	0.875	0.2
62	G61B_100_100dd	0.0	0.75	1.0	1.0	0.5	0.224	0.0	0.766	1.0	0.2
63	G00B_087_087dd	0.0	0.875	0.875	0.875	0.437	0.150	0.0	0.875	0.875	0.3
64	G06B_087_087dd	0.0	0.875	0.125	0.875	0.437	0.158	0.0	0.875	0.116	0.15
65	G13B_087_087dd	0.0	0.875	0.25	0.875	0.437	0.166	0.0	0.875	0.233	0.15
66	G20B_087_087dd	0.0	0.875	0.375	0.875	0.437	0.175	0.0	0.875	0.364	0.15
67	G29B_087_087dd	0.0	0.875	0.5	0.875	0.437	0.185	0.0	0.875	0.51	0.15
68	G36B_087_087dd	0.0	0.875	0.625	0.875	0.437	0.194	0.0	0.875	0.641	0.15
69	G43B_087_087dd	0.0	0.875	0.75	0.875	0.437	0.202	0.0	0.875	0.758	0.15
70	G50B_087_087dd	0.0	0.875	0.875	0.875	0.437	0.210	0.0	0.875	0.875	0.2
71	G55B_100_100dd	0.0	0.875	1.0	1.0	0.5	0.217	0.0	0.883	1.0	0.15
72	G00B_100_100dd	0.0	1.0	1.0	1.0	0.5	0.150	0.0	1.0	1.0	0.8
73	G05B_100_100dd	0.0	1.0	0.125	1.0	0.5	0.157	0.0	1.0	0.116	0.15
74	G11B_100_100dd	0.0	1.0	0.25	1.0	0.5	0.164	0.0	1.0	0.233	0.15
75	G18B_100_100dd	0.0	1.0	0.375	1.0	0.5	0.172	0.0	1.0	0.366	0.15
76	G25B_100_100dd	0.0	1.0	0.5	1.0	0.5	0.180	0.0	1.0	0.5	0.8
77	G31B_100_100dd	0.0	1.0	0.625	1.0	0.5	0.188	0.0	1.0	0.633	0.15
78	G38B_100_100dd	0.0	1.0	0.75	1.0	0.5	0.196	0.0	1.0	0.766	0.15
79	G44B_100_100dd	0.0	1.0	0.875	1.0	0.5	0.203	0.0	1.0	0.883	0.15
80	G50B_100_100dd	0.0	1.0	1.0	1.0	0.5	0.210	0.0	1.0	1.0	0.8

1-1031530-F0

SE110-7N, Page 16/29-F

TUB-test chart SE11; 1080 standard colours
colors and differences, ΔE^* , 3D=1, de=0, sRGB*

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

1-1031530-F0

Mean color difference of this page:

delta E** = 0.5

1-1031530-F0

see similar files: <http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n	HIC*Fdd	rgb_Fdd	ict_Fdd	hsi_Fdd	rgb*Fdd	LabCh*Fdd	rgb**Fdd	LabCh**Fdd	DE**Fdd hsi_Mdd	rgb**Mdd	LabCh**Mdd	
81	R00Y_012_012ad	0.125 0.0 0.0	0.125 0.125 0.062	390	0.125 0.0 0.0	6.3 9.6 8.0	12.5 40.0	0.151 0.041 0.011	5.3 11.8 6.5	13.5 29.0 2.8	389 1.0 0.0 0.0	50.4 76.9 64.5 100.4 40.0
82	B50R_012_012ad	0.125 0.0 0.125	0.125 0.125 0.062	330	0.125 0.0 0.125	7.1 11.7 -7.3	13.8 328.2	0.137 0.052 0.133	6.1 14.1 -8.9	16.7 327.7 3.0	330 1.0 0.0 0.0	57.2 94.3 -58.4 110.9 328.2
83	B25R_025_025ad	0.125 0.0 0.25	0.25 0.25 0.125	300	0.125 0.0 0.25	9.6 19.9 -22.4	30.0 311.6	0.147 0.061 0.24	8.8 21.3 -23.9	32.0 311.7 2.2	300 0.5 0.0 0.0	38.5 79.8 -89.7 120.0 311.6
84	B15R_037_037ad	0.125 0.0 0.375	0.375 0.375 0.187	289	0.118 0.0 0.375	12.7 29.0 -36.5	46.7 308.4	0.159 0.064 0.354	12.0 30.1 -38.0	48.5 308.4 1.9	288 0.316 0.0 1.0	33.9 77.4 -97.5 124.5 308.4
85	B11R_050_050ad	0.125 0.0 0.5	0.5 0.5 0.25	284	0.116 0.0 0.5	16.1 38.3 -50.0	63.1 307.4	0.171 0.062 0.474	15.5 39.6 -51.4	64.9 307.5 1.9	282 0.233 0.0 1.0	32.3 76.7 -100.1 126.2 307.4
86	B09R_062_062ad	0.125 0.0 0.625	0.625 0.625 0.312	281	0.114 0.0 0.625	19.8 47.8 -63.2	79.3 307.1	0.177 0.057 0.596	19.2 48.7 -64.2	80.6 307.2 1.4	279 0.183 0.0 1.0	31.7 76.5 -101.2 126.9 307.0
87	B07R_075_075ad	0.125 0.0 0.75	0.75 0.75 0.375	279	0.112 0.0 0.75	23.5 57.2 -76.4	95.5 306.8	0.172 0.046 0.726	23.0 57.9 -77.1	96.5 306.9 1.0	278 0.15 0.0 1.0	31.3 76.3 -101.9 127.4 306.8
88	B06R_087_087ad	0.125 0.0 0.875	0.875 0.875 0.437	278	0.116 0.0 0.875	27.2 66.7 -89.5	111.6 306.7	0.155 0.027 0.861	26.9 67.1 -89.9	112.1 306.7 0.5	277 0.133 0.0 1.0	31.1 76.3 -102.3 127.6 306.7
89	B05R_100_100ad	0.125 0.0 1.0	1.0 1.0 0.5	277	0.116 0.0 1.0	30.9 76.2 -102.5	127.8 306.6	0.117 0.0 0.999	30.9 76.2 -102.6	127.8 306.6 0.0	276 0.116 0.0 1.0	30.9 76.2 -102.5 127.8 306.6
90	Y00G_012_012ad	0.125 0.125 0.0	0.125 0.125 0.062	90	0.125 0.125 0.0	11.5 -2.5 11.3	11.6 102.8	0.137 0.131 0.043	11.4 -3.1 12.9	13.2 103.7 1.6	89 1.0 1.0 0.0	92.6 -20.7 90.7 93.0 102.8
91	NW_012ad	0.125 0.125 0.125	0.125 0.0 0.125	360	0.125 0.125 0.125	11.9 0.0 0.0	0.0 0.0	0.129 0.132 0.132	11.9 -0.2 0.0	0.2 198.6 0.2	360 1.0 1.0 1.0	95.4 0.0 0.0 0.0 0.0
92	B00R_025_012ad	0.125 0.125 0.25	0.25 0.125 0.187	270	0.124 0.124 0.25	15.7 9.5 -12.9	16.0 306.2	0.173 0.147 0.24	15.4 9.0 -13.5	16.2 303.6 0.8	270 1.0 0.0 1.0	30.3 76.0 -103.5 128.5 306.2
93	B00R_037_025ad	0.125 0.125 0.375	0.375 0.25 0.25	270	0.124 0.124 0.375	19.5 19.0 -25.8	32.1 306.2	0.216 0.16 0.356	19.1 18.8 -26.7	32.7 305.2 0.9	270 0.0 0.0 1.0	30.3 76.0 -103.5 128.5 306.2
94	B00R_050_037ad	0.125 0.125 0.5	0.5 0.375 0.312	270	0.124 0.124 0.5	23.3 28.5 -38.8	48.1 306.2	0.257 0.17 0.477	23.0 29.0 -39.6	49.1 306.2 0.9	270 0.0 0.0 1.0	30.3 76.0 -103.5 128.5 306.2
95	B00R_062_050ad	0.125 0.125 0.625	0.625 0.5 0.375	270	0.125 0.125 0.625	27.1 38.0 -51.7	64.2 306.2	0.285 0.178 0.6	26.6 38.4 -52.4	65.0 306.2 0.8	270 0.0 0.0 1.0	30.3 76.0 -103.5 128.5 306.2
96	B00R_075_062ad	0.125 0.125 0.75	0.75 0.625 0.437	270	0.125 0.125 0.75	30.9 47.5 -64.7	80.3 306.2	0.31 0.184 0.73	30.4 48.0 -65.3	81.0 306.3 0.8	270 0.0 0.0 1.0	30.3 76.0 -103.5 128.5 306.2
97	B00R_087_075ad	0.125 0.125 0.875	0.875 0.75 0.5	270	0.125 0.125 0.875	34.7 57.0 -77.6	96.3 306.2	0.329 0.188 0.865	34.3 57.5 -78.3	97.1 306.3 0.9	270 0.0 0.0 1.0	30.3 76.0 -103.5 128.5 306.2
98	B00R_100_087ad	0.125 0.125 1.0	1.0 0.875 0.562	270	0.125 0.125 1.0	38.5 66.5 -90.6	112.4 306.2	0.346 0.188 1.0	38.0 66.8 -90.6	112.6 306.4 0.5	270 0.0 0.0 1.0	30.3 76.0 -103.5 128.5 306.2
99	Y50G_025_025ad	0.125 0.25 0.0	0.25 0.25 0.125	120	0.125 0.25 0.0	21.4 -16.3 20.6	26.2 128.3	0.145 0.238 0.072	21.3 -17.3 21.8	27.9 128.3 1.6	119 0.5 1.0 0.0	85.7 -65.2 82.4 105.1 128.3
100	G00B_025_012ad	0.125 0.25 0.125	0.25 0.125 0.187	150	0.124 0.25 0.124	22.3 -10.3 9.9	14.3 136.0	0.17 0.239 0.16	22.2 -11.4 9.8	15.0 139.2 1.0	149 0.0 1.0 0.0	83.6 -82.7 79.8 115.0 136.0
101	G50B_025_012ad	0.125 0.25 0.25	0.25 0.125 0.187	210	0.124 0.25 0.25	22.7 -5.7 -1.6	6.0 196.3	0.171 0.238 0.237	22.6 -6.5 -2.0	6.8 196.9 0.8	210 0.0 1.0 0.0	86.8 -46.1 -13.5 48.1 196.3
102	G75B_037_025ad	0.125 0.25 0.375	0.375 0.25 0.25	240	0.124 0.25 0.375	24.8 4.5 -17.0	17.6 285.0	0.203 0.242 0.353	24.7 4.0 -17.5	18.0 282.8 0.7	240 0.0 0.5 1.0	51.7 18.3 -68.3 70.7 285.0
103	G84B_050_037ad	0.125 0.25 0.5	0.5 0.375 0.312	251	0.124 0.243 0.5	27.2 17.1 -32.5	36.7 297.8	0.246 0.24 0.476	27.1 17.2 -32.9	37.1 297.5 0.3	251 0.0 0.316 1.0	40.7 45.8 -86.7 98.1 297.8
104	G88B_062_050ad	0.125 0.25 0.625	0.625 0.5 0.375	256	0.125 0.241 0.625	30.1 28.8 -46.7	54.8 301.6	0.278 0.242 0.599	30.0 28.6 -46.8	54.9 301.4 0.2	257 0.0 0.233 1.0	36.5 57.6 -93.4 109.7 301.6
105	G90B_075_062ad	0.125 0.25 0.75	0.75 0.625 0.437	259	0.125 0.239 0.75	33.5 39.4 -60.3	72.1 303.1	0.304 0.248 0.73	33.4 39.1 -60.4	71.9 302.8 0.3	260 0.0 0.183 1.0	34.6 63.0 -96.6 115.3 303.1
106	G92B_087_075ad	0.125 0.25 0.875	0.875 0.75 0.5	261	0.125 0.237 0.875	36.9 50.0 -73.9	89.3 304.0	0.325 0.251 0.865	36.9 49.8 -74.0	89.2 303.9 0.2	262 0.0 0.15 1.0	33.4 66.7 -98.6 119.1 304.0
107	G93B_100_087ad	0.125 0.25 1.0	1.0 0.875 0.562	262	0.125 0.241 1.0	40.6 60.0 -87.1	105.8 304.5	0.341 0.25 1.0	40.3 60.0 -86.9	105.6 304.6 0.3	262 0.0 0.133 1.0	32.8 68.6 -99.6 120.9 304.5
108	Y68G_037_037ad	0.125 0.375 0.0	0.375 0.375 0.187	131	0.118 0.375 0.0	31.6 -28.2 30.3	41.4 132.9	0.157 0.353 0.086	31.6 -29.3 31.3	42.9 133.1 1.4	131 0.316 1.0 0.0	84.4 -75.3 80.9 110.6 132.9
109	G00B_037_025ad	0.125 0.375 0.125	0.375 0.25 0.25	150	0.124 0.375 0.124	32.8 -20.6 19.9	28.7 136.0	0.212 0.355 0.184	32.8 -19.8 20.2	29.8 137.1 1.2	149 0.0 1.0 0.0	83.6 -82.7 79.8 115.0 136.0
110	G25B_037_025ad	0.125 0.375 0.25	0.375 0.25 0.25	180	0.124 0.375 0.25	33.0 -18.4 11.2	21.6 148.6	0.207 0.354 0.247	33.0 -19.3 11.1	22.3 149.9 0.8	180 0.0 1.0 0.5	84.3 -73.7 44.9 86.4 148.6
111	G50B_037_025ad	0.125 0.375 0.375	0.375 0.25 0.25	210	0.124 0.375 0.375	33.6 -11.5 -3.3	12.0 196.3	0.212 0.352 0.35	33.6 -12.4 -3.5	12.9 196.1 0.9	210 0.0 1.0 1.0	86.8 -46.1 -13.5 48.1 196.3
112	G65B_050_037ad	0.125 0.375 0.5	0.5 0.375 0.312	229	0.124 0.381 0.5	36.0 -3.4 -18.3	18.6 259.3	0.232 0.366 0.474	36.1 -3.9 -18.5	19.0 258.1 0.5	228 0.0 0.683 1.0	64.4 -9.2 -48.8 49.7 259.3
113	G75B_062_050ad	0.125 0.375 0.625	0.625 0.5 0.375	240	0.125 0.375 0.625	37.8 9.1 -34.1	35.3 285.0	0.266 0.362 0.597	37.7 8.7 -34.1	35.2 284.3 0.4	240 0.0 0.5 1.0	51.7 18.3 -68.3 70.7 285.0
114	G80B_075_062ad	0.125 0.375 0.75	0.75 0.625 0.437	247	0.125 0.364 0.75	39.6 22.6 -50.3	55.1 294.2	0.291 0.354 0.728	39.5 22.3 -50.3	55.1 293.8 0.3	247 0.0 0.383 1.0	44.3 36.2 -80.5 88.2 294.2
115	G84B_087_075ad	0.125 0.375 0.875	0.875 0.75 0.5	251	0.125 0.362 0.875	42.4 34.3 -65.0	73.5 297.8	0.309 0.357 0.866	42.3 34.0 -65.2	73.5 295.7 0.3	251 0.0 0.316 1.0	40.7 45.8 -86.7 98.1 297.8
116	G86B_100_087ad	0.125 0.375 1.0	1.0 0.875 0.562	254	0.125 0.358 1.0	45.2 46.6 -79.6	92.2 300.3	0.328 0.353 1.0	45.0 46.1 -79.2	91.7 300.1 0.6	255 0.0 0.266 1.0	38.0 53.3 -91.0 105.4 300.3
117	Y76G_050_050ad	0.125 0.5 0.0	0.5 0.5 0.25	136	0.116 0.5 0.0	42.0 -39.3 40.2	56.2 134.3	0.168 0.473 0.094	42.1 -40.3 41.0	57.5 134.5 1.2	137 0.233 1.0 0.0	84.0 -78.7 80.4 112.5 134.3
118	G00B_050_037ad	0.125 0.5 0.125	0.5 0.375 0.312	150	0.124 0.5 0.124	43.2 -31.0 29.9	43.1 136.0	0.254 0.476 0.205	43.4 -31.6 30.5	44.0 136.0 0.8	149 0.0 1.0 0.0	83.6 -82.7 79.8 115.0 136.0
119	G15B_050_037ad	0.125 0.5 0.25	0.5 0.375 0.312	169	0.124 0.5 0.243	43.3 -29.7 23.6	38.0 141.4	0.251 0.476 0.257	43.5 -30.0 23.8	38.4 141.5 0.4	169 0.0 1.0 0.316	83.9 -79.2 63.1 101.3 141.4
120	G34B_050_037ad	0.125 0.5 0.375	0.5 0.375 0.312	191	0.124 0.5 0.381	43.8 -24.7 8.7	26.2 160.4	0.244 0.475 0.367	43.9 -25.1 8.8	26.6 160.6 0.4	191 0.0 1.0 0.683	85.0 -65.8 23.4 69.9 160.4
121	G50B_050_037ad	0.125 0.5 0.5	0.5 0.375 0.312	210	0.124 0.5 0.5	44.5 -17.3 -5.0	18.0 196.3	0.254 0.473 0.47	44.6 -17.8 -5.1	18.5 196.0 0.5	210 0.0 1.0 1.0	86.8 -46.1 -13.5 48.1 196.3
122	G61B_062_050ad	0.125 0.5 0.625	0.625 0.5 0.375	2242								

http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF /.PS; 3D-linearization
F: 3D-linearization SE11/SE11LE30FP.DAT in file (F), page 18/29

n	HIC*Fdd	rgb_Fdd	ict_Fdd	hsi_Fdd	rgb*Fdd	LabCh*Fdd	rgb*Fdd	LabCh*Fdd	DE**Fdd hsi_Mdd	rgb*Mdd	LabCh*Mdd			
162	R00Y_025_025ad	0.25 0.0 0.0	0.25 0.25 0.125	390	0.25 0.0 0.0	12.6 19.2 16.1	25.1 40.0	0.253 0.076 0.022	12.1 20.2 16.2	26.0 38.7 1.1	389	1.0 0.0 0.0	50.4 76.9 64.5	100.4 40.0
163	R00Y_025_025ad	0.25 0.0 0.125	0.25 0.25 0.125	360	0.25 0.0 0.125	13.0 20.2 1.0	20.3 2.9	0.244 0.079 0.138	12.4 21.3 0.1	21.3 0.4 1.4	360	1.0 0.0 0.5	52.0 81.1 4.1	81.2 2.9
164	B50R_025_025ad	0.25 0.0 0.25	0.25 0.25 0.125	330	0.25 0.0 0.25	14.3 23.5 -14.6	27.7 328.2	0.241 0.086 0.239	13.8 24.5 -15.5	29.1 327.6 1.4	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
165	B34R_037_037ad	0.25 0.0 0.375	0.375 0.375 0.187	311	0.256 0.0 0.375	16.8 31.5 -29.7	43.3 316.7	0.259 0.083 0.353	16.3 32.6 -30.7	44.8 316.7 1.5	311	1.0 0.683 0.0	44.8 84.1 -79.2	115.5 316.7
166	B25R_050_050ad	0.25 0.0 0.5	0.5 0.5 0.25	300	0.25 0.0 0.5	19.2 39.9 -44.8	60.0 311.6	0.263 0.076 0.473	18.8 41.1 -45.9	61.6 311.8 1.6	300	0.5 0.0 1.0	38.5 79.8 -89.7	120.0 311.6
167	B19R_062_062ad	0.25 0.0 0.625	0.625 0.625 0.312	293	0.239 0.0 0.625	22.1 48.8 -59.4	76.9 309.3	0.263 0.065 0.596	21.6 49.8 -60.1	78.1 309.3 1.3	292	0.383 0.0 1.0	35.3 78.1 -95.1	120.3 309.3
168	B15R_075_075ad	0.25 0.0 0.75	0.75 0.75 0.375	289	0.237 0.0 0.75	25.4 58.1 -73.1	93.4 308.4	0.265 0.051 0.726	25.0 58.8 -73.6	94.3 308.6 1.0	288	0.316 0.0 1.0	33.9 77.4 -97.5	124.5 308.4
169	B13R_087_087ad	0.25 0.0 0.875	0.875 0.875 0.437	286	0.233 0.0 0.875	28.8 67.3 -86.8	109.9 307.8	0.255 0.029 0.861	28.6 67.7 -87.0	110.3 307.9 0.5	284	0.266 0.0 1.0	32.9 77.0 -99.2	125.6 307.8
170	B11R_100_100ad	0.25 0.0 1.0	1.0 1.0 0.5	284	0.233 0.0 1.0	32.3 76.7 -100.1	126.2 307.4	0.234 0.0 0.999	32.3 76.7 -100.2	126.2 307.4 0.0	282	0.233 0.0 1.0	32.3 76.7 -100.1	126.2 307.4
171	R50Y_025_025ad	0.25 0.125 0.0	0.25 0.25 0.125	60	0.25 0.125 0.0	15.9 10.3 17.7	20.5 59.7	0.247 0.139 0.043	15.8 10.1 19.3	21.7 62.3 1.5	59	1.0 0.5 0.0	63.6 41.3 71.0	82.2 59.7
172	R00Y_025_012ad	0.25 0.125 0.125	0.25 0.125 0.187	390	0.25 0.124 0.124	18.2 9.6 8.0	12.5 40.0	0.253 0.162 0.139	18.0 9.4 7.8	12.3 39.7 0.3	389	1.0 0.0 0.0	50.4 76.9 64.5	100.4 40.0
173	B50R_025_012ad	0.25 0.125 0.25	0.25 0.125 0.187	330	0.25 0.124 0.25	19.0 11.7 -7.3	13.8 328.2	0.239 0.168 0.238	18.8 11.6 -7.7	13.9 326.2 0.5	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
174	B25R_037_025ad	0.25 0.125 0.375	0.375 0.25 0.25	300	0.25 0.124 0.375	21.5 19.9 -22.4	30.0 311.6	0.262 0.173 0.355	21.2 20.1 -23.1	30.6 311.1 0.7	300	0.5 0.0 1.0	38.5 79.8 -89.7	120.0 311.6
175	B15R_050_037ad	0.25 0.125 0.5	0.5 0.375 0.312	289	0.243 0.124 0.5	24.6 29.0 -36.5	46.7 308.4	0.286 0.178 0.476	24.2 29.4 -37.5	47.7 308.1 1.1	288	0.316 0.0 1.0	33.9 77.4 -97.5	124.5 308.4
176	B11R_062_050ad	0.25 0.125 0.625	0.625 0.5 0.375	284	0.241 0.125 0.625	28.1 38.3 -50.0	63.1 307.4	0.312 0.184 0.599	27.6 38.7 -50.7	63.8 307.3 0.8	282	0.233 0.0 1.0	32.3 76.7 -100.1	126.2 307.4
177	B09R_075_062ad	0.25 0.125 0.75	0.75 0.625 0.437	281	0.239 0.125 0.75	31.7 47.8 -63.2	79.3 307.0	0.336 0.189 0.73	31.3 48.2 -63.8	80.0 307.0 0.8	279	0.183 0.0 1.0	31.7 76.5 -101.2	126.9 307.0
178	B07R_087_075ad	0.25 0.125 0.875	0.875 0.75 0.5	279	0.237 0.125 0.875	35.4 57.2 -76.4	95.5 306.8	0.359 0.192 0.865	35.1 57.9 -76.9	96.3 306.9 0.8	278	0.15 0.0 1.0	31.3 76.3 -101.9	127.4 306.8
179	B06R_100_087ad	0.25 0.125 1.0	1.0 0.875 0.562	278	0.241 0.125 1.0	39.1 66.7 -89.5	111.6 306.7	0.376 0.192 1.0	38.8 67.1 -89.4	111.8 306.8 0.5	277	0.133 0.0 1.0	31.1 76.3 -102.3	127.6 306.7
180	Y00G_025_025ad	0.25 0.25 0.0	0.25 0.25 0.125	90	0.25 0.25 0.0	23.1 -5.1 22.6	23.2 102.8	0.24 0.236 0.075	23.0 -5.7 23.8	24.5 103.5 1.2	89	1.0 1.0 0.0	92.6 -20.7	90.7 93.0 102.8
181	Y00G_025_012ad	0.25 0.25 0.125	0.25 0.125 0.187	90	0.25 0.25 0.124	23.5 -2.5 11.3	11.6 102.8	0.239 0.236 0.162	23.4 -3.1 11.3	11.7 105.5 0.5	89	1.0 1.0 0.0	92.6 -20.7	90.7 93.0 102.8
182	NW_025ad	0.25 0.25 0.25	0.25 0.0 0.25	360	0.25 0.25 0.25	23.8 0.0 0.0	0.0 0.0	0.232 0.236 0.237	23.7 -0.4 -0.2	0.4 207.2 0.4	360	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0
183	B00R_037_012ad	0.25 0.25 0.375	0.375 0.125 0.312	270	0.249 0.249 0.375	27.6 9.5 -12.9	16.0 306.2	0.289 0.255 0.355	27.5 9.2 -13.2	16.1 304.8 0.4	270	0.0 0.0 1.0	30.3 76.0 -103.5	128.5 306.2
184	B00R_050_025ad	0.25 0.25 0.5	0.5 0.25 0.375	270	0.249 0.249 0.5	31.4 19.0 -25.8	32.1 306.2	0.338 0.271 0.477	31.3 18.8 -26.3	32.3 305.5 0.5	270	0.0 0.0 1.0	30.3 76.0 -103.5	128.5 306.2
185	B00R_062_037ad	0.25 0.25 0.625	0.625 0.375 0.437	270	0.25 0.25 0.625	35.2 28.5 -38.8	48.1 306.2	0.385 0.285 0.602	35.1 28.4 -38.9	48.2 306.1 0.1	270	0.0 0.0 1.0	30.3 76.0 -103.5	128.5 306.2
186	B00R_075_050ad	0.25 0.25 0.75	0.75 0.5 0.5	270	0.25 0.25 0.75	39.0 38.0 -51.7	64.2 306.2	0.424 0.297 0.733	38.8 38.0 -51.9	64.4 306.2 0.2	270	0.0 0.0 1.0	30.3 76.0 -103.5	128.5 306.2
187	B00R_087_062ad	0.25 0.25 0.875	0.875 0.625 0.562	270	0.25 0.25 0.875	42.8 47.5 -64.7	80.3 306.2	0.46 0.307 0.869	42.6 47.6 -64.9	80.6 306.2 0.3	270	0.0 0.0 1.0	30.3 76.0 -103.5	128.5 306.2
188	B00R_100_075ad	0.25 0.25 1.0	1.0 0.75 0.625	270	0.25 0.25 1.0	46.6 57.0 -77.6	96.3 306.2	0.495 0.316 1.0	46.3 56.6 -76.9	95.6 306.4 0.8	270	0.0 0.0 1.0	30.3 76.0 -103.5	128.5 306.2
189	Y31G_037_037ad	0.25 0.375 0.0	0.375 0.375 0.187	109	0.256 0.375 0.0	32.8 -19.0 31.8	37.1 120.8	0.257 0.352 0.088	32.9 -19.6 32.8	38.2 120.8 1.1	108	0.683 1.0 0.0	87.6 -50.7	84.9 98.9 120.8
190	Y50G_037_025ad	0.25 0.375 0.125	0.375 0.25 0.25	120	0.25 0.375 0.124	33.3 -16.3 20.6	26.2 122.3	0.259 0.353 0.185	33.3 -17.0 20.9	27.0 129.0 0.8	119	0.5 1.0 0.0	85.7 -65.2	82.4 105.1 128.3
191	G00B_037_012ad	0.25 0.375 0.25	0.375 0.125 0.312	150	0.249 0.375 0.249	34.3 -10.3 9.9	14.3 136.0	0.285 0.353 0.269	34.2 -10.9 9.8	14.7 137.9 0.6	149	0.0 1.0 0.0	83.6 -82.7	79.8 115.0 136.0
192	G50B_037_012ad	0.25 0.375 0.375	0.375 0.125 0.312	210	0.249 0.375 0.375	34.7 -5.7 -1.6	6.0 196.3	0.284 0.352 0.35	34.6 -6.3 -1.9	6.6 196.6 0.6	210	0.0 1.0 1.0	86.8 -46.1	-13.5 48.1 196.3
193	G75B_050_025ad	0.25 0.375 0.5	0.5 0.25 0.375	240	0.249 0.375 0.5	36.7 4.5 -17.0	17.6 285.0	0.319 0.355 0.474	36.6 4.0 -17.5	17.9 283.1 0.6	240	0.0 0.5 1.0	51.7 18.3 -68.3	70.7 285.0
194	G84B_062_037ad	0.25 0.375 0.625	0.625 0.375 0.437	251	0.25 0.368 0.625	39.1 17.1 -32.5	36.7 297.8	0.371 0.354 0.6	39.1 16.9 -32.4	36.6 297.5 0.2	251	0.0 0.316 1.0	40.7 45.8 -86.7	98.1 297.8
195	G88B_075_050ad	0.25 0.375 0.75	0.75 0.5 0.5	256	0.25 0.366 0.75	42.1 28.8 -46.7	54.8 301.6	0.414 0.357 0.731	42.0 28.6 -46.6	54.8 301.5 0.1	257	0.0 0.233 1.0	36.5 57.6 -93.4	109.7 301.6
196	G90B_087_062ad	0.25 0.375 0.875	0.875 0.625 0.562	259	0.25 0.364 0.875	45.5 39.4 -60.3	72.1 303.6	0.451 0.366 0.868	45.4 39.2 -60.3	72.0 302.9 0.1	260	0.0 0.183 1.0	34.6 63.0 -96.6	115.3 303.6
197	G92B_100_025ad	0.25 0.375 1.0	1.0 0.75 0.625	261	0.25 0.362 1.0	48.9 50.0 -73.9	89.3 304.0	0.487 0.372 1.0	48.8 49.3 -72.9	88.0 304.0 1.2	262	0.0 0.15 1.0	33.4 66.7 -98.6	119.1 304.0
198	Y50G_050_050ad	0.25 0.5 0.0	0.5 0.5 0.25	120	0.25 0.5 0.0	42.8 -32.6 41.2	52.5 128.3	0.262 0.473 0.095	42.9 -33.2 42.0	53.5 128.3 1.0	119	0.5 1.0 0.0	85.7 -65.2	82.4 105.1 128.3
199	Y68G_050_037ad	0.25 0.5 0.125	0.5 0.375 0.312	131	0.243 0.5 0.124	43.6 -28.2 30.3	41.4 132.9	0.283 0.475 0.205	43.6 -29.1 30.8	42.4 133.3 0.9	131	0.316 1.0 0.0	84.4 -75.3	80.9 110.6 132.9
200	G00B_050_025ad	0.25 0.5 0.25	0.5 0.25 0.375	150	0.249 0.5 0.249	44.7 -20.6 19.9	28.7 136.0	0.332 0.476 0.298	44.7 -21.5 19.9	29.3 137.1 0.8	149	0.0 1.0 0.0	83.6 -82.7	79.8 115.0 136.0
201	C25B_050_025ad	0.25 0.5 0.375	0.5 0.25 0.375	180	0.249 0.5 0.375	44.9 -18.4 11.2	21.6 148.6	0.326 0.476 0.362	44.9 -19.1 11.2	22.1 149.6 0.6	180	0.0 1.0 0.5	84.3 -73.7	44.9 86.4 148.6
202	G50B_050_025ad	0.25 0.5 0.5	0.5 0.25 0.375	210	0.249 0.5 0.5	45.5 -11.5 -3.3	12.0 196.3	0.333 0.473 0.47	45.6 -12.2 -3.5	12.7 196.2 0.6	210	0.0 1.0 1.0	86.8 -46.1	-13.5 48.1 196.3
203	G65B_062_037ad	0.25 0.5 0.625	0.625 0.375 0.437	229	0.25 0.506 0.625	48.0 -3.4 -18.3	18.6 259.3	0.357 0.487 0.598	48.0 -4.0 -18.1	18.5 257.5 0.5	228	0.0 0.683 1.0	64.4 -9.2	-48.8 49.7 259.3
204	G75B_075_050ad	0.25 0.5 0.75	0.75 0.5 0.5	240	0.25 0.5 0.75	49.7 9.1 -34.1	35.3 285.0	0.399 0.483 0.728	49.7 8.7 -33.9	35.0 284.3 0.5	240	0.0 0.5 1.0	51.7 18.3 -68.3	70.7 285.0
205	G80B_087_062ad	0.25 0.5 0.875	0.875 0.625 0.562	247	0.25 0.489 0.875	51.5 22.6 -50.3	55.1 294.2	0.434 0.474 0.866	51.5 22.2 -50.3	55.0 293.8 0.3	247	0.0 0.383 1.0	44.3 36.2 -80.5	88.2 294.2
206	G84B_100_075ad	0.25 0.5 1.0	1.0 0.75 0.625	251	0.25 0.487 1.0	54.4 34.3 -65.0	73.5 297.8	0.468 0.478 1.0	54.2 34.4 -64.1	72.3 297.5 1.3	251	0.0 0.316 1.0	40.7 45.8 -86.7	98.1 297.8
207	Y61G_062_062ad	0.25 0.625 0.0	0.625 0.625 0.312	127	0.239 0.625 0.0	53.0 -45.2 50.8	68.0 131.6	0.361 0.596 0.093	52.9 -45.4 51.4	68.6 131.4 0.6	127	0.383 1.0 0.0	84.8 -72.3	81.3 108.8 131.6
208	Y76G_062_050ad	0.25 0.625 0.125	0.625 0.5 0.375	136	0.241 0.625 0.125	53.9 -39.3 40.2	56.2 134.3	0.308 0.598 0.225	53.8 -39.8 40.3	56.7 134.5 0.5	137	0.233 1.0 0.0	84.0 -78.7	80.4 112.5 134.3
209	G00B_062_037ad	0.25 0.625 0.25	0.625 0.375 0.437	150	0.25 0.625 0.25	55.2 -31.0 29.9	43.1 136.0	0.381 0.6 0.324	55.1 -31.1 29.9	43.2 136.1 0.1	149	0.0 1.0 0.0	83.6 -82.7	79.8 115.0 136.0
210	G15B_062_037ad	0.25 0.625 0.375	0.625 0.375 0.437	169	0.25 0.625 0.368	55.3 -29.7 23.6	38.0 141.4							

http://130.149.60.45/~farbmeterik/SE11/SE11LOFP.PDF /.PS; 3D-linearization
F: 3D-linearization SE11/SE11LE30FP.DAT in file (F), page 19/29

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technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

n	HIC*Fdd	rgb_Fdd	ict_Fdd	hsi_Fdd	rgb*Fdd	LabCh*Fdd	rgb*Fdd	LabCh*Fdd	DE**Fdd hsi_Mdd	rgb*Mdd	LabCh*Mdd			
243	R00Y_037_037ad	0.375 0.0 0.0	0.375 0.375 0.187	390	0.375 0.0 0.0	18.9 28.8 24.2	37.6 40.0	0.366 0.091 0.032	18.5 29.8 24.9	38.9 1.3 389	1.0 0.0 0.0	50.4 76.9 64.5	100.4 40.0	
244	R18Y_037_037ad	0.375 0.0 0.125	0.375 0.375 0.187	371	0.375 0.0 0.118	19.1 26.6 11.1	31.7 20.6	0.362 0.092 0.134	18.8 30.7 10.6	32.5 19.1 1.1	371	1.0 0.0 0.316	51.1 79.1 29.7	84.5 20.6
245	B65R_037_037ad	0.375 0.0 0.25	0.375 0.375 0.187	349	0.375 0.0 0.256	20.0 32.0 -7.4	32.9 346.8	0.358 0.098 0.251	19.8 32.9 -8.0	33.9 346.3 1.1	348	1.0 0.0 0.683	53.5 85.4 -19.9	87.7 346.8
246	B50R_037_037ad	0.375 0.0 0.375	0.375 0.375 0.187	330	0.375 0.0 0.375	21.4 35.0 -21.9	41.6 328.2	0.354 0.107 0.352	21.2 35.9 -22.5	42.4 327.8 0.9	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
247	B38R_050_050ad	0.375 0.0 0.5	0.5 0.5 0.25	316	0.383 0.0 0.5	23.9 43.2 -37.0	56.9 319.4	0.375 0.098 0.473	23.7 44.0 -37.7	58.0 319.4 1.1	317	0.766 0.0 1.0	47.9 86.4 -74.0	113.8 319.4
248	B30R_062_062ad	0.375 0.0 0.625	0.625 0.625 0.312	307	0.385 0.0 0.625	26.5 51.4 -52.0	73.1 314.6	0.385 0.083 0.596	26.1 52.2 -52.5	74.1 314.8 1.0	307	0.616 0.0 1.0	42.4 82.3 -83.2	117.0 314.6
249	B25R_075_075ad	0.375 0.0 0.75	0.75 0.75 0.375	300	0.375 0.0 0.75	28.9 59.8 -67.2	90.0 311.6	0.381 0.062 0.726	28.6 60.6 -67.6	90.9 311.8 0.9	300	0.5 0.0 1.0	38.5 79.8 -89.7	120.0 311.6
250	B20R_087_087ad	0.375 0.0 0.875	0.875 0.875 0.437	295	0.364 0.0 0.875	31.7 68.8 -81.8	106.9 310.0	0.375 0.033 0.861	31.6 69.2 -82.0	107.4 310.1 0.5	294	0.416 0.0 1.0	36.3 78.6 -93.5	122.2 310.0
251	B18R_100_100ad	0.375 0.0 1.0	1.0 1.0 0.5	292	0.366 0.0 1.0	34.9 77.9 -95.7	123.4 309.1	0.368 0.0 0.999	35.0 77.9 -95.7	123.4 309.1 0.0	291	0.366 0.0 1.0	34.9 77.9 -95.7	123.4 309.1
252	R31Y_037_037ad	0.375 0.125 0.0	0.375 0.375 0.187	49	0.375 0.118 0.0	21.1 22.7 25.2	33.9 47.9	0.363 0.144 0.043	20.9 23.0 26.5	35.1 49.0 1.3	48	1.0 0.316 0.0	56.2 60.6 67.2	90.5 47.9
253	R00Y_037_025ad	0.375 0.125 0.125	0.375 0.25 0.25	390	0.375 0.124 0.124	24.5 19.2 16.1	25.1 40.0	0.375 0.188 0.146	24.2 19.5 15.9	25.2 39.0 0.5	389	1.0 0.0 0.0	50.4 76.9 64.5	100.4 40.0
254	R00Y_037_025ad	0.375 0.125 0.25	0.375 0.25 0.25	360	0.375 0.124 0.25	24.9 20.2 1.0	20.3 2.9	0.364 0.192 0.243	24.6 20.7 0.5	20.7 1.5 0.7	360	1.0 0.0 0.5	52.0 81.1 4.1	81.2 2.9
255	B50R_037_025ad	0.375 0.125 0.375	0.375 0.25 0.25	330	0.375 0.124 0.375	26.2 23.5 -14.6	27.7 328.2	0.357 0.199 0.353	25.9 23.9 -15.3	28.4 327.4 0.8	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
256	B34R_050_037ad	0.375 0.125 0.5	0.5 0.375 0.312	311	0.381 0.124 0.5	28.7 31.5 -29.7	43.3 316.7	0.381 0.202 0.475	28.4 32.1 -30.4	44.2 316.5 0.9	311	0.683 0.0 1.0	44.8 84.1 -79.2	115.5 316.7
257	B25R_062_050ad	0.375 0.125 0.625	0.625 0.5 0.375	300	0.375 0.125 0.625	31.2 39.9 -44.8	60.0 311.6	0.394 0.202 0.599	30.9 40.4 -45.2	60.7 311.7 0.7	300	0.5 0.0 1.0	38.5 79.8 -89.7	120.0 311.6
258	B19R_075_062ad	0.375 0.125 0.75	0.75 0.625 0.437	293	0.364 0.125 0.75	34.0 48.8 -59.4	76.9 309.3	0.405 0.202 0.729	33.7 49.3 -59.8	77.5 309.5 0.7	292	0.383 0.0 1.0	35.3 78.1 -95.1	123.0 309.3
259	B15R_087_075ad	0.375 0.125 0.875	0.875 0.75 0.5	289	0.362 0.125 0.875	37.4 58.1 -73.1	93.4 308.4	0.423 0.202 0.865	37.0 58.7 -73.6	94.1 308.5 0.8	288	0.316 0.0 1.0	33.9 77.4 -97.5	124.5 308.4
260	B13R_100_087ad	0.375 0.125 1.0	1.0 0.875 0.562	286	0.358 0.125 1.0	40.7 67.3 -86.8	109.9 307.8	0.432 0.2 1.0	40.3 67.6 -86.8	110.1 307.9 0.4	284	0.266 0.0 1.0	32.9 77.0 -99.2	125.6 307.8
261	R68Y_037_037ad	0.375 0.25 0.0	0.375 0.375 0.187	71	0.375 0.256 0.0	27.5 6.9 29.1	29.9 76.5	0.358 0.251 0.07	27.5 6.7 30.1	30.9 77.3 1.0	71	1.0 0.683 0.0	73.4 18.5 77.6	79.8 76.5
262	R50Y_037_025ad	0.375 0.25 0.125	0.375 0.25 0.25	60	0.375 0.25 0.124	27.8 10.3 17.7	20.5 59.7	0.367 0.247 0.162	27.8 10.1 17.8	20.5 60.3 0.1	59	1.0 0.5 0.0	63.6 41.3 71.0	82.2 59.7
263	R00Y_037_012ad	0.375 0.25 0.25	0.375 0.125 0.312	390	0.375 0.249 0.249	30.1 9.6 8.0	12.5 40.0	0.373 0.272 0.246	30.1 9.5 8.0	12.4 40.1 0.0	389	1.0 0.0 0.0	50.4 76.9 64.5	100.4 40.0
264	B50R_037_012ad	0.375 0.25 0.375	0.375 0.125 0.312	330	0.375 0.249 0.375	31.0 11.7 -7.3	13.8 328.2	0.355 0.279 0.352	30.9 11.5 -7.6	13.8 326.6 0.4	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
265	B25R_050_025ad	0.375 0.25 0.5	0.5 0.25 0.375	300	0.375 0.249 0.5	33.5 19.9 -22.4	30.0 311.6	0.382 0.286 0.476	33.4 19.9 -22.8	30.2 311.1 0.3	300	0.5 0.0 1.0	38.5 79.8 -89.7	120.0 311.6
266	B15R_062_037ad	0.375 0.25 0.625	0.625 0.375 0.437	289	0.368 0.25 0.625	36.5 29.0 -36.5	46.7 308.4	0.414 0.294 0.601	36.4 28.9 -36.7	46.7 308.2 0.2	288	0.316 0.0 1.0	33.9 77.4 -97.5	124.5 308.4
267	B11R_075_050ad	0.375 0.25 0.75	0.75 0.5 0.5	284	0.366 0.25 0.75	40.0 38.3 -50.0	63.1 307.4	0.448 0.304 0.732	39.8 38.3 -50.2	63.2 307.3 0.2	282	0.233 0.0 1.0	32.3 76.7 -100.1	126.2 307.4
268	B09R_087_062ad	0.375 0.25 0.875	0.875 0.625 0.562	281	0.364 0.25 0.875	43.7 47.8 -63.2	79.3 307.0	0.485 0.313 0.868	43.5 48.0 -63.4	79.6 307.1 0.3	279	0.183 0.0 1.0	31.7 76.5 -101.2	126.9 307.0
269	B07R_100_075ad	0.375 0.25 1.0	1.0 0.75 0.625	279	0.362 0.25 1.0	47.3 57.2 -76.4	95.5 306.8	0.516 0.321 1.0	47.0 57.0 -75.7	94.8 306.9 0.8	278	0.15 0.0 1.0	31.3 76.3 -101.9	127.4 306.8
270	Y00G_037_037ad	0.375 0.375 0.0	0.375 0.375 0.187	90	0.375 0.375 0.0	34.7 -7.7 34.0	34.9 102.8	0.353 0.35 0.092	34.7 -8.2 34.8	35.7 103.3 0.9	89	1.0 1.0 0.0	92.6 -20.7 90.7	93.0 102.8
271	Y00G_037_025ad	0.375 0.375 0.125	0.375 0.25 0.25	90	0.375 0.375 0.124	35.0 -5.1 22.6	23.2 102.8	0.357 0.349 0.188	35.0 -5.7 22.9	23.7 104.0 0.6	89	1.0 1.0 0.0	92.6 -20.7 90.7	93.0 102.8
272	Y00G_037_012ad	0.375 0.375 0.25	0.375 0.125 0.312	90	0.375 0.375 0.249	35.4 -2.5 11.3	11.6 102.8	0.355 0.349 0.272	35.4 -2.9 11.2	11.6 104.9 0.4	89	1.0 1.0 0.0	92.6 -20.7 90.7	93.0 102.8
273	NW_037ad	0.375 0.375 0.375	0.375 0.0 0.375	360	0.375 0.375 0.375	35.7 0.0 0.0	0.0 0.0	0.345 0.35 0.35	35.7 -0.4 -0.2	0.5 205.6 0.5	360	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0
274	B00R_050_012ad	0.375 0.375 0.5	0.5 0.125 0.437	270	0.375 0.375 0.5	39.5 9.5 -12.9	16.0 306.2	0.408 0.37 0.476	39.6 9.3 -13.2	16.1 305.2 0.3	270	0.0 0.0 1.0	30.3 76.0 -103.5	128.5 306.2
275	B00R_062_025ad	0.375 0.375 0.625	0.625 0.25 0.5	270	0.375 0.375 0.625	43.3 19.0 -25.8	32.1 306.2	0.463 0.388 0.601	43.3 18.6 -25.8	31.8 305.9 0.3	270	0.0 0.0 1.0	30.3 76.0 -103.5	128.5 306.2
276	B00R_075_037ad	0.375 0.375 0.75	0.75 0.375 0.562	270	0.375 0.375 0.75	47.1 28.5 -38.8	48.1 306.2	0.515 0.405 0.734	47.1 28.3 -38.7	47.9 306.1 0.2	270	0.0 0.0 1.0	30.3 76.0 -103.5	128.5 306.2
277	B00R_087_050ad	0.375 0.375 0.875	0.875 0.5 0.625	270	0.375 0.375 0.875	50.9 38.0 -51.7	64.2 306.2	0.56 0.42 0.871	50.8 37.8 -51.8	64.1 306.0 0.2	270	0.0 0.0 1.0	30.3 76.0 -103.5	128.5 306.2
278	B00R_100_062ad	0.375 0.375 1.0	1.0 0.625 0.687	270	0.375 0.375 1.0	54.7 47.5 -64.7	80.3 306.2	0.603 0.433 1.0	54.4 46.7 -63.6	78.9 306.2 1.4	270	0.0 0.0 1.0	30.3 76.0 -103.5	128.5 306.2
279	Y23G_050_050ad	0.375 0.5 0.0	0.5 0.5 0.25	104	0.383 0.5 0.0	44.3 -21.6 43.1	48.2 116.6	0.373 0.471 0.097	44.5 -22.1 43.9	49.1 116.7 0.9	102	0.766 1.0 0.0	88.7 -43.3 86.2	96.5 116.6
280	Y31G_050_037ad	0.375 0.5 0.125	0.5 0.375 0.312	109	0.381 0.5 0.124	44.8 -19.0 31.8	37.1 120.8	0.379 0.472 0.208	44.9 -19.5 32.4	37.8 121.0 0.7	108	0.683 1.0 0.0	87.6 -50.7 84.9	98.9 120.8
281	Y50G_050_025ad	0.375 0.5 0.25	0.5 0.25 0.375	120	0.375 0.5 0.249	45.2 -16.3 20.6	26.2 128.3	0.379 0.474 0.299	45.3 -16.8 20.7	26.7 128.9 0.5	119	0.5 1.0 0.0	85.7 -65.2 82.4	105.1 128.3
282	G00B_050_012ad	0.375 0.5 0.375	0.5 0.125 0.437	150	0.375 0.5 0.375	46.2 -10.3 9.9	14.3 136.0	0.405 0.474 0.385	46.3 -10.7 9.9	14.6 137.2 0.3	149	0.0 1.0 0.0		

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technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE11/SE11LOFP.PDF / .PS
application for measurement of display output, no separation

TUB material: code=rha4ta

n	HIC*Fdd	rgb_Fdd	ict_Fdd	hsi_Fdd	rgb*Fdd	LabCh*Fdd	rgb*Fdd	LabCh*Fdd	DE**Fdd hsi_Mdd	rgb*Mdd	LabCh*Mdd
324	R00Y_050_050ad	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0
325	R26Y_050_050ad	0.5	0.0	0.125	0.5	0.5	0.25	376	1.0	0.0	0.233
326	R00Y_050_050ad	0.5	0.0	0.25	0.5	0.5	0.25	360	1.0	0.0	0.5
327	B61R_050_050ad	0.5	0.0	0.375	0.5	0.5	0.25	344	1.0	0.0	0.766
328	B50R_050_050ad	0.5	0.0	0.5	0.5	0.5	0.25	330	1.0	0.0	1.0
329	B40R_062_062ad	0.5	0.0	0.625	0.625	0.625	0.312	319	0.816	0.0	1.0
330	B34R_075_075ad	0.5	0.0	0.75	0.75	0.75	0.375	311	0.683	0.0	1.0
331	B29R_087_087ad	0.5	0.0	0.875	0.875	0.875	0.437	305	0.583	0.0	1.0
332	B25R_100_100ad	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0
333	R23Y_050_050ad	0.5	0.125	0.0	0.5	0.5	0.25	44	1.0	0.233	0.0
334	R00Y_050_037ad	0.5	0.125	0.125	0.5	0.375	0.312	390	1.0	0.0	0.683
335	R18Y_050_037ad	0.5	0.125	0.25	0.5	0.375	0.312	371	1.0	0.0	0.316
336	B65R_050_037ad	0.5	0.125	0.375	0.5	0.375	0.312	349	1.0	0.0	0.683
337	B50R_050_037ad	0.5	0.125	0.5	0.5	0.375	0.312	330	1.0	0.0	1.0
338	B38R_062_050ad	0.5	0.125	0.625	0.625	0.5	0.375	316	0.766	0.0	1.0
339	B30R_075_062ad	0.5	0.125	0.75	0.75	0.625	0.437	307	0.616	0.0	1.0
340	B25R_087_075ad	0.5	0.125	0.875	0.875	0.75	0.5	300	0.5	0.0	1.0
341	B20R_100_087ad	0.5	0.125	1.0	1.0	0.875	0.562	295	0.416	0.0	1.0
342	R50Y_050_050ad	0.5	0.25	0.0	0.5	0.5	0.25	60	1.0	0.5	0.0
343	R31Y_050_037ad	0.5	0.25	0.125	0.5	0.375	0.312	49	1.0	0.316	0.0
344	R00Y_050_025ad	0.5	0.25	0.25	0.5	0.25	0.375	390	1.0	0.0	0.5
345	R00Y_050_025ad	0.5	0.25	0.375	0.5	0.25	0.375	360	1.0	0.0	0.5
346	B50R_050_025ad	0.5	0.25	0.5	0.5	0.25	0.375	330	1.0	0.0	1.0
347	B34R_062_037ad	0.5	0.25	0.625	0.625	0.375	0.437	311	0.683	0.0	1.0
348	B25R_075_050ad	0.5	0.25	0.75	0.75	0.5	0.5	300	0.5	0.0	1.0
349	B19R_087_062ad	0.5	0.25	0.875	0.875	0.625	0.562	293	0.489	0.5	0.0
350	B15R_100_075ad	0.5	0.25	1.0	1.0	0.75	0.625	289	0.316	0.0	1.0
351	R76Y_050_050ad	0.5	0.375	0.0	0.5	0.5	0.25	76	1.0	0.766	0.0
352	R68Y_050_037ad	0.5	0.375	0.125	0.5	0.375	0.312	71	1.0	0.683	0.0
353	R50Y_050_025ad	0.5	0.375	0.25	0.5	0.25	0.375	60	1.0	0.5	0.0
354	R00Y_050_012ad	0.5	0.375	0.375	0.5	0.125	0.437	390	1.0	0.0	0.5
355	B50R_050_012ad	0.5	0.375	0.5	0.5	0.125	0.437	330	1.0	0.0	1.0
356	B25R_062_025ad	0.5	0.375	0.625	0.625	0.25	0.5	300	0.5	0.0	1.0
357	B15R_075_037ad	0.5	0.375	0.75	0.75	0.375	0.562	289	0.316	0.0	1.0
358	B11R_087_050ad	0.5	0.375	0.875	0.875	0.5	0.625	284	0.233	0.0	1.0
359	B09R_100_062ad	0.5	0.375	1.0	1.0	0.625	0.687	281	0.183	0.0	1.0
360	Y00G_050_050ad	0.5	0.5	0.0	0.5	0.5	0.25	90	1.0	1.0	0.0
361	Y00G_050_037ad	0.5	0.5	0.125	0.5	0.375	0.312	90	1.0	1.0	0.0
362	Y00G_050_025ad	0.5	0.5	0.25	0.5	0.25	0.375	90	1.0	1.0	0.0
363	Y00G_050_012ad	0.5	0.5	0.375	0.5	0.125	0.437	90	1.0	1.0	0.0
364	NW_050ad	0.5	0.5	0.5	0.5	0.0	0.5	360	1.0	1.0	0.0
365	B00R_062_012ad	0.5	0.625	0.625	0.625	0.125	0.625	270	0.816	0.0	1.0
366	B00R_075_025ad	0.5	0.625	0.75	0.75	0.25	0.562	270	0.766	1.0	0.0
367	B00R_087_037ad	0.5	0.625	0.875	0.875	0.375	0.687	270	0.683	1.0	0.0
368	B00R_100_050ad	0.5	0.625	1.0	1.0	0.5	0.75	270	0.616	1.0	0.0
369	Y18G_062_062ad	0.5	0.625	0.625	0.625	0.312	1.01	104	0.583	0.0	0.0
370	Y23G_062_050ad	0.5	0.625	0.625	0.625	0.375	1.04	101	0.506	0.0	0.0
371	Y31G_062_037ad	0.5	0.625	0.625	0.625	0.375	1.04	101	0.506	0.0	0.0
372	Y50G_062_025ad	0.5	0.625	0.625	0.625	0.25	0.5	120	0.5	0.0	0.0
373	G00B_062_012ad	0.5	0.625	0.625	0.625	0.125	0.562	150	0.5	0.0	0.0
374	G50B_062_012ad	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.0	0.0
375	G75B_075_025ad	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.0	0.0
376	G84B_087_037ad	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.0	0.0
377	G88B_100_050ad	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.0	0.0
378	Y31G_075_075ad	0.5	0.75	0.0	0.75	0.75	0.375	109	0.512	0.75	0.0
379	Y38G_075_062ad	0.5	0.75	0.125	0.75	0.625	0.437	113	0.51	0.75	0.0
380	Y50G_075_050ad	0.5	0.75	0.25	0.75	0.5	0.5	120	0.51	0.75	0.0
381	Y68G_075_037ad	0.5	0.75	0.375	0.75	0.375	0.562	131	0.493	0.75	0.0
382	G00B_075_025ad	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.0
383	G25B_075_025ad	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.0
384	G50B_075_025ad	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.0
385	G65B_087_037ad	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.75	0.0
386	G75B_100_050ad	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.75	0.0
387	Y41G_087_087ad	0.5	0.875	0.0	0.875	0.875	0.437	115	0.51	0.875	0.0
388	Y50G_087_075ad	0.5	0.875	0.125	0.875	0.75	0.5	120	0.5	0.875	0.0
389	Y61G_087_062ad	0.5	0.875	0.25	0.875	0.625	0.562	127	0.489	0.875	0.0
390	Y76G_087_050ad	0.5	0.875	0.375	0.875	0.5	0.625	136	0.491	0.875	0.0
391	G00B_087_037ad	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.0
392	G15B_087_037ad	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.0
393	G34B_087_037ad	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.0
394	G50B_087_037ad	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.0
395	G61B_100_050ad	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	0.875	0.0
396	Y50G_100_100ad	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0
397	Y58G_100_087ad	0.5	1.0	0.125	1.0	0.875	0.562	125	0.489	1.0	0.0
398	Y68G_100_075ad	0.5	1.0	0.25	1.0	0.75	0.625	131	0.487	1.0	0.0
399	Y81G_100_062ad	0.5	1.0	0.375	1.0	0.625	0.687	139	0.489	1.0	0.0
400	G00B_100_050ad	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.0
401	G11B_100_050ad	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.0
402	G25B_100_050ad	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.0
403	G38B_100_050ad	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.0
404	G50B_100_050ad	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.0

Mean color difference of this page: $\Delta E^* = 0.5$

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SE110-7N, Page 20/29-F

TUB-test chart SE11; 1080 standard colours
colors and differences, ΔE^* , 3D=1, de=0, sRGB*

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

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1-1031930-F0

http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF /.PS; 3D-linearization
F: 3D-linearization SE11/SE11LE30FP.DAT in file (F), page 21/29

see similar files: <http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

	HIC*Fdd	rgb_Fdd	ict_Fdd	hsi_Fdd	rgb*Fdd	LabCh*Fdd	rgb**Fdd	LabCh**Fdd	DE**Fdd hsi_Mdd	rgb**Mdd	LabCh**Mdd			
405	R00Y_062_062ad	0.625 0.0 0.0	0.625 0.625 0.312	390	0.625 0.0 0.0	31.5 48.0 40.3	62.7 40.0	0.605 0.101 0.037	31.3 48.5 41.0	63.5 40.2 0.8	389	1.0 0.0 0.0	50.4 76.9 64.5	100.4 40.0
406	R31Y_062_062ad	0.625 0.0 0.125	0.625 0.625 0.312	379	0.625 0.0 0.114	31.7 48.7 29.7	57.0 31.3	0.605 0.099 0.13	31.4 49.2 29.4	57.3 30.8 0.6	380	1.0 0.0 0.183	50.7 77.9 47.5	91.2 31.3
407	R11Y_062_062ad	0.625 0.0 0.25	0.625 0.625 0.312	367	0.625 0.0 0.239	32.1 49.6 12.8	51.3 14.4	0.602 0.105 0.242	31.9 50.0 12.4	51.6 13.9 0.5	367	1.0 0.0 0.383	51.4 79.5 20.4	82.1 14.4
408	B69R_062_062ad	0.625 0.0 0.375	0.625 0.625 0.312	353	0.625 0.0 0.385	33.0 52.2 -7.1	52.7 352.1	0.6 0.11 0.378	32.9 52.5 -7.6	53.1 351.7 0.5	352	1.0 0.0 0.616	52.9 83.6 -11.4	84.3 352.1
409	B59R_062_062ad	0.625 0.0 0.5	0.625 0.625 0.312	341	0.625 0.0 0.51	34.3 55.5 -22.8	60.1 337.6	0.6 0.114 0.492	34.2 55.8 -23.4	60.5 337.2 0.5	339	1.0 0.0 0.816	54.9 88.9 -36.6	96.2 337.6
410	B50R_062_062ad	0.625 0.0 0.625	0.625 0.625 0.312	330	0.625 0.0 0.625	35.8 58.9 -36.5	69.3 328.2	0.597 0.125 0.595	35.7 58.7 -36.6	69.2 328.0 0.2	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
411	B42R_075_075ad	0.625 0.0 0.75	0.75 0.75 0.375	321	0.637 0.0 0.75	38.4 66.8 -51.4	84.3 322.4	0.621 0.092 0.725	38.1 67.2 -51.7	84.8 322.3 0.5	322	0.85 0.0 1.0	51.2 89.1 -68.5	112.4 322.4
412	B36R_087_087ad	0.625 0.0 0.875	0.875 0.875 0.375	314	0.641 0.0 0.875	40.8 74.7 -66.6	100.1 318.3	0.634 0.05 0.86	40.5 75.1 -67.0	100.7 318.2 0.6	315	0.733 0.0 1.0	46.6 85.4 -76.1	114.4 318.3
413	B31R_100_100ad	0.625 0.0 1.0	1.0 1.0 0.5	308	0.633 0.0 1.0	43.0 82.7 -82.2	116.6 315.1	0.632 0.0 1.0	42.9 82.6 -82.3	116.7 315.1 0.1	308	0.633 0.0 1.0	43.0 82.7 -82.2	116.6 315.1
414	R18Y_062_062ad	0.625 0.125 0.0	0.625 0.625 0.312	41	0.625 0.114 0.0	32.9 44.0 40.9	60.1 42.8	0.604 0.152 0.041	32.6 44.4 41.5	60.8 43.0 0.7	39	1.0 0.183 0.0	52.7 70.5 65.5	96.2 42.8
415	R00Y_062_050ad	0.625 0.125 0.125	0.625 0.5 0.375	390	0.625 0.125 0.125	37.1 38.4 32.2	50.2 40.0	0.624 0.235 0.154	36.9 38.4 32.2	50.1 40.0 0.1	389	1.0 0.0 0.0	50.4 76.9 64.5	100.4 40.0
416	R26Y_062_050ad	0.625 0.125 0.25	0.625 0.5 0.375	376	0.625 0.125 0.241	37.3 39.0 20.6	44.1 27.8	0.619 0.236 0.237	37.1 39.0 20.4	44.0 27.5 0.2	377	1.0 0.0 0.233	50.8 78.0 41.2	88.2 27.8
417	R00Y_062_050ad	0.625 0.125 0.375	0.625 0.5 0.375	360	0.625 0.125 0.375	37.9 40.5 2.0	40.6 2.9	0.611 0.242 0.364	37.8 40.5 1.7	40.6 2.4 0.3	360	1.0 0.0 0.5	52.0 81.1 4.1	91.2 2.9
418	B61R_062_050ad	0.625 0.125 0.5	0.625 0.5 0.375	344	0.625 0.125 0.508	39.1 43.6 -15.3	46.2 340.6	0.607 0.25 0.491	39.1 43.5 -15.6	46.2 340.2 0.3	342	1.0 0.0 0.766	54.4 87.3 -30.6	92.5 340.6
419	B50R_062_050ad	0.625 0.125 0.625	0.625 0.5 0.375	330	0.625 0.125 0.625	40.5 47.1 -29.2	55.4 328.2	0.605 0.256 0.597	40.4 46.9 -29.3	55.3 328.0 0.2	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
420	B40R_075_062ad	0.625 0.125 0.75	0.75 0.625 0.375	319	0.635 0.125 0.75	43.1 55.0 -44.2	70.6 321.2	0.63 0.254 0.728	43.0 54.8 -44.2	70.4 321.0 0.2	320	0.816 0.0 1.0	49.8 88.1 -70.7	113.0 321.2
421	B34R_087_075ad	0.625 0.125 0.875	0.875 0.75 0.5	311	0.637 0.125 0.875	45.5 63.1 -59.4	86.6 316.7	0.646 0.25 0.864	45.4 62.9 -59.4	86.5 316.6 0.2	311	0.683 0.0 1.0	44.8 84.1 -79.2	115.5 316.7
422	B29R_100_087ad	0.625 0.125 1.0	1.0 0.875 0.562	305	0.635 0.125 1.0	48.0 71.4 -74.4	103.2 313.8	0.656 0.241 1.0	47.8 71.2 -74.2	102.9 313.8 0.3	305	0.583 0.0 1.0	41.3 81.6 -85.1	117.9 313.8
423	R38Y_062_062ad	0.625 0.25 0.0	0.625 0.625 0.312	53	0.625 0.239 0.0	36.0 34.0 42.6	54.6 51.3	0.602 0.249 0.051	36.5 33.9 43.4	55.1 52.0 0.8	52	1.0 0.383 0.0	58.5 54.5 68.2	87.3 51.3
424	R23Y_062_050ad	0.625 0.25 0.125	0.625 0.5 0.375	44	0.625 0.241 0.125	38.8 33.8 32.9	47.2 44.2	0.62 0.272 0.161	38.6 33.6 33.0	47.1 44.4 0.2	42	1.0 0.233 0.0	53.7 67.6 65.8	94.4 44.2
425	R00Y_062_037ad	0.625 0.25 0.25	0.625 0.375 0.437	390	0.625 0.25 0.25	42.7 28.8 24.2	37.6 40.0	0.635 0.332 0.261	42.6 28.8 23.8	37.4 39.6 0.3	389	1.0 0.0 0.0	50.4 76.9 64.5	100.4 40.0
426	R18Y_062_037ad	0.625 0.25 0.375	0.625 0.375 0.437	371	0.625 0.25 0.368	43.0 29.6 11.1	31.7 20.6	0.624 0.335 0.352	42.8 29.5 10.7	31.4 20.0 0.4	371	1.0 0.0 0.316	51.1 79.1 29.7	84.5 20.6
427	B65R_062_037ad	0.625 0.25 0.5	0.625 0.375 0.437	349	0.625 0.25 0.506	43.9 32.0 -7.4	32.9 346.8	0.613 0.343 0.487	43.8 32.0 -7.9	33.0 346.0 0.5	348	1.0 0.0 0.683	53.5 85.4 -19.9	87.7 346.8
428	B50R_062_037ad	0.625 0.25 0.625	0.625 0.375 0.437	330	0.625 0.25 0.625	45.3 35.3 -21.9	41.6 328.2	0.609 0.352 0.597	45.1 35.2 -22.0	41.5 327.9 0.2	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
429	B38R_075_050ad	0.625 0.25 0.75	0.75 0.5 0.5	316	0.633 0.25 0.75	47.8 43.2 -37.0	56.9 319.4	0.634 0.356 0.73	47.6 43.0 -37.0	56.8 319.2 0.2	317	0.766 0.0 1.0	47.9 86.4 -74.0	113.8 319.4
430	B30R_087_062ad	0.625 0.25 0.875	0.875 0.625 0.562	307	0.635 0.25 0.875	50.3 51.4 -52.0	73.1 314.6	0.655 0.358 0.866	50.2 51.3 -52.1	73.2 314.5 0.2	307	0.616 0.0 1.0	42.4 82.3 -83.2	117.0 314.6
431	B25R_100_075ad	0.625 0.25 1.0	1.0 0.75 0.625	300	0.635 0.25 1.0	52.8 59.8 -67.2	90.0 311.6	0.666 0.358 1.0	52.5 59.4 -66.6	89.3 311.7 0.8	300	0.5 0.0 1.0	38.5 79.8 -89.7	120.0 311.6
432	R61Y_062_062ad	0.625 0.375 0.0	0.625 0.625 0.312	67	0.625 0.385 0.0	43.5 16.7 46.8	49.7 70.2	0.6 0.378 0.066	43.5 16.4 47.6	50.4 70.9 0.9	67	1.0 0.616 0.0	69.6 26.8 74.8	79.5 70.2
433	R50Y_062_050ad	0.625 0.375 0.125	0.625 0.5 0.375	60	0.625 0.375 0.125	43.7 20.6 35.5	41.1 59.7	0.614 0.369 0.182	43.7 20.2 35.8	41.2 60.5 0.5	59	1.0 0.5 0.0	63.6 41.3 71.0	82.2 59.7
434	R31Y_062_037ad	0.625 0.375 0.25	0.625 0.375 0.437	49	0.625 0.368 0.25	44.9 22.7 25.2	33.9 47.9	0.629 0.377 0.273	44.9 22.3 25.1	33.6 48.3 0.4	48	1.0 0.316 0.0	56.2 60.6 67.2	90.5 47.9
435	R00Y_062_025ad	0.625 0.375 0.375	0.625 0.25 0.5	390	0.625 0.375 0.375	48.4 19.2 16.1	25.1 40.0	0.635 0.424 0.369	48.3 18.9 15.9	24.7 40.0 0.3	389	1.0 0.0 0.0	50.4 76.9 64.5	100.4 40.0
436	R00Y_062_025ad	0.625 0.375 0.5	0.625 0.25 0.5	360	0.625 0.375 0.5	48.7 20.2 1.0	20.3 2.9	0.615 0.429 0.477	48.7 19.9 0.7	19.9 2.0 0.4	360	1.0 0.0 0.5	52.0 81.1 4.1	91.2 2.9
437	B50R_062_025ad	0.625 0.375 0.625	0.625 0.25 0.5	330	0.625 0.375 0.625	50.1 23.5 -14.6	27.7 328.2	0.608 0.438 0.597	49.9 23.1 -14.6	27.4 327.6 0.4	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
438	B34R_075_037ad	0.625 0.375 0.75	0.75 0.375 0.562	311	0.631 0.375 0.75	52.5 31.5 -29.7	43.3 316.7	0.636 0.445 0.731	52.4 31.2 -29.7	43.1 316.3 0.3	311	0.683 0.0 1.0	44.8 84.1 -79.2	115.5 316.7
439	B25R_087_050ad	0.625 0.375 0.875	0.875 0.5 0.625	300	0.625 0.375 0.875	55.0 39.9 -44.8	60.0 311.6	0.658 0.45 0.869	54.9 39.7 -44.9	60.0 311.4 0.2	300	0.5 0.0 1.0	38.5 79.8 -89.7	120.0 311.6
440	B19R_100_062ad	0.625 0.375 1.0	1.0 0.625 0.687	293	0.614 0.375 1.0	57.8 48.8 -59.4	76.9 309.3	0.683 0.456 1.0	57.6 48.0 -58.4	75.7 309.4 1.2	292	0.383 0.0 1.0	35.3 78.1 -95.1	123.0 309.3
441	R81Y_062_062ad	0.625 0.5 0.0	0.625 0.625 0.312	79	0.625 0.51 0.0	50.8 1.0 51.8	51.8 88.7	0.599 0.491 0.08	50.8 0.6 52.6	52.6 89.3 0.9	80	1.0 0.816 0.0	81.2 1.7 82.9	83.0 88.7
442	R76Y_062_050ad	0.625 0.5 0.125	0.625 0.5 0.375	76	0.625 0.508 0.125	51.0 3.9 40.3	40.5 84.4	0.608 0.488 0.207	51.0 3.4 40.7	40.8 85.1 0.6	77	1.0 0.766 0.0	78.2 7.8 80.6	81.0 84.4
443	R68Y_062_037ad	0.625 0.5 0.25	0.625 0.375 0.437	71	0.625 0.506 0.25	51.3 6.9 29.1	29.9 76.5	0.615 0.486 0.302	51.4 6.4 29.1	29.8 77.6 0.5	71	1.0 0.683 0.0	73.4 18.5 77.6	79.8 76.5
444	R50Y_062_025ad	0.625 0.5 0.375	0.625 0.25 0.5	60	0.625 0.5 0.375	51.6 10.3 17.7	20.5 59.7	0.621 0.483 0.389	51.7 9.9 17.6	20.2 60.5 0.4	59	1.0 0.5 0.0	63.6 41.3 71.0	82.2 59.7
445	R													

http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF /.PS; 3D-linearization
F: 3D-linearization SE11/SE11LE30FP.DAT in file (F), page 22/29

see similar files: <http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n	HIC*Fdd	rgb_Fdd	ict_Fdd	hsi_Fdd	rgb*Fdd	LabCh*Fdd	rgb*Fdd	LabCh*Fdd	DE**Fdd hsi_Mdd	rgb*Mdd	LabCh*Mdd
486	R00Y_075_075ad	0.75	0.0	0.0	0.75	0.75	0.0	0.0	0.732	0.088	0.03
487	R35Y_075_075ad	0.75	0.0	0.125	0.75	0.75	0.0	0.112	0.732	0.085	0.126
488	R18Y_075_075ad	0.75	0.0	0.25	0.75	0.75	0.0	0.237	0.732	0.084	0.241
489	R00Y_075_075ad	0.75	0.0	0.375	0.75	0.75	0.0	0.375	0.728	0.092	0.371
490	B65R_075_075ad	0.75	0.0	0.5	0.75	0.75	0.0	0.512	0.73	0.093	0.502
491	B57R_075_075ad	0.75	0.0	0.625	0.75	0.75	0.0	0.637	0.729	0.1	0.618
492	B50R_075_075ad	0.75	0.0	0.75	0.75	0.75	0.0	0.75	0.726	0.11	0.725
493	B43R_087_087ad	0.75	0.0	0.875	0.875	0.875	0.375	0.330	0.748	0.059	0.86
494	B38R_100_100ad	0.75	0.0	1.0	1.0	1.0	0.5	316	0.765	0.0	1.0
495	R15Y_075_075ad	0.75	0.125	0.0	0.75	0.75	0.375	39	0.731	0.148	0.032
496	R00Y_075_062ad	0.75	0.125	0.125	0.75	0.625	0.437	390	0.755	0.253	0.155
497	R31Y_075_062ad	0.75	0.125	0.25	0.75	0.625	0.437	379	0.753	0.254	0.236
498	R11Y_075_062ad	0.75	0.125	0.375	0.75	0.625	0.437	367	0.746	0.258	0.355
499	B69R_075_062ad	0.75	0.125	0.5	0.75	0.625	0.437	353	0.74	0.263	0.499
500	B59R_075_062ad	0.75	0.125	0.625	0.75	0.625	0.437	341	0.739	0.267	0.616
501	B50R_075_062ad	0.75	0.125	0.75	0.75	0.625	0.437	330	0.736	0.274	0.727
502	B42R_087_075ad	0.75	0.125	0.875	0.875	0.75	0.5	321	0.763	0.269	0.863
503	B36R_100_087ad	0.75	0.125	1.0	1.0	0.875	0.562	314	0.766	0.262	1.0
504	R31Y_075_075ad	0.75	0.25	0.0	0.75	0.75	0.375	49	0.731	0.252	0.036
505	R18Y_075_062ad	0.75	0.25	0.125	0.75	0.625	0.437	41	0.752	0.287	0.161
506	R00Y_075_050ad	0.75	0.25	0.25	0.75	0.5	0.5	390	0.77	0.36	0.267
507	R26Y_075_050ad	0.75	0.25	0.375	0.75	0.5	0.5	376	0.763	0.363	0.351
508	R00Y_075_050ad	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.37	0.485
509	B61R_075_050ad	0.75	0.25	0.625	0.75	0.5	0.5	344	0.745	0.377	0.614
510	B50R_075_050ad	0.75	0.25	0.75	0.75	0.5	0.5	330	0.742	0.385	0.728
511	B40R_087_062ad	0.75	0.25	0.875	0.875	0.625	0.562	319	0.77	0.387	0.865
512	B34R_100_075ad	0.75	0.25	1.0	1.0	0.75	0.625	311	0.789	0.386	1.0
513	R50Y_075_075ad	0.75	0.375	0.0	0.75	0.75	0.375	60	0.729	0.373	0.047
514	R38Y_075_062ad	0.75	0.375	0.125	0.75	0.625	0.437	53	0.748	0.372	0.176
515	R23Y_075_050ad	0.75	0.375	0.25	0.75	0.5	0.5	44	0.766	0.396	0.276
516	R00Y_075_037ad	0.75	0.375	0.375	0.75	0.375	0.562	390	0.776	0.456	0.377
517	R18Y_075_037ad	0.75	0.375	0.5	0.75	0.375	0.562	371	0.763	0.46	0.472
518	B65R_075_037ad	0.75	0.375	0.625	0.75	0.375	0.562	349	0.749	0.468	0.61
519	B50R_075_037ad	0.75	0.375	0.75	0.75	0.375	0.562	330	0.744	0.478	0.728
520	B38R_087_050ad	0.75	0.375	0.875	0.875	0.5	0.625	316	0.772	0.484	0.867
521	B30R_100_062ad	0.75	0.375	1.0	1.0	0.625	0.687	307	0.796	0.489	1.0
522	R68Y_075_075ad	0.75	0.5	0.0	0.75	0.75	0.375	71	0.73	0.503	0.055
523	R61Y_075_062ad	0.75	0.5	0.125	0.75	0.625	0.437	67	0.742	0.5	0.201
524	R50Y_075_050ad	0.75	0.5	0.25	0.75	0.5	0.5	60	0.757	0.505	0.3
525	R31Y_075_037ad	0.75	0.5	0.375	0.75	0.375	0.562	49	0.769	0.501	0.391
526	R00Y_075_025ad	0.75	0.5	0.5	0.75	0.25	0.625	390	0.772	0.548	0.491
527	R00Y_075_025ad	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.553	0.601
528	B50R_075_025ad	0.75	0.5	0.75	0.75	0.25	0.625	330	0.741	0.562	0.728
529	B34R_087_037ad	0.75	0.5	0.875	0.875	0.375	0.687	311	0.772	0.571	0.867
530	B25R_100_050ad	0.75	0.5	1.0	1.0	0.5	0.75	300	0.798	0.577	1.0
531	R85Y_075_075ad	0.75	0.625	0.0	0.75	0.75	0.375	81	0.728	0.617	0.07
532	R81Y_075_062ad	0.75	0.625	0.125	0.75	0.625	0.437	79	0.739	0.614	0.225
533	R76Y_075_050ad	0.75	0.625	0.25	0.75	0.5	0.5	76	0.746	0.611	0.33
534	R68Y_075_037ad	0.75	0.625	0.375	0.75	0.375	0.562	71	0.752	0.609	0.423
535	R50Y_075_025ad	0.75	0.625	0.5	0.75	0.25	0.625	60	0.757	0.606	0.511
536	R00Y_075_012ad	0.75	0.625	0.625	0.75	0.125	0.687	390	0.756	0.636	0.604
537	B50R_075_012ad	0.75	0.625	0.75	0.75	0.125	0.687	330	0.734	0.644	0.726
538	B25R_087_025ad	0.75	0.625	0.875	0.875	0.25	0.75	300	0.768	0.654	0.867
539	B15R_100_037ad	0.75	0.625	1.0	1.0	0.375	0.812	289	0.783	0.667	1.0
540	Y00G_075_075ad	0.75	0.75	0.0	0.75	0.75	0.375	90	0.725	0.723	0.086
541	Y00G_075_062ad	0.75	0.75	0.125	0.75	0.625	0.437	90	0.736	0.723	0.253
542	Y00G_075_050ad	0.75	0.75	0.25	0.75	0.5	0.5	90	0.742	0.723	0.36
543	Y00G_075_037ad	0.75	0.75	0.375	0.75	0.375	0.562	90	0.743	0.723	0.456
544	Y00G_075_025ad	0.75	0.75	0.5	0.75	0.25	0.625	90	0.741	0.723	0.547
545	Y00G_075_012ad	0.75	0.75	0.625	0.75	0.125	0.687	90	0.735	0.723	0.635
546	NW_075ad	0.75	0.75	0.75	0.75	0.0	0.75	360	0.721	0.724	0.724
547	B00R_087_012ad	0.75	0.75	0.875	0.875	0.125	0.812	270	0.794	0.747	0.865
548	B00R_100_025ad	0.75	0.75	1.0	1.0	0.25	0.875	270	0.861	0.769	1.0
549	Y13G_087_087ad	0.75	0.875	0.0	0.875	0.875	0.437	98	0.747	0.86	0.053
550	Y15G_087_075ad	0.75	0.875	0.125	0.875	0.75	0.5	99	0.762	0.86	0.26
551	Y18G_087_062ad	0.75	0.875	0.25	0.875	0.625	0.562	101	0.768	0.861	0.381
552	Y23G_087_050ad	0.75	0.875	0.375	0.875	0.5	0.625	104	0.768	0.861	0.482
553	Y31G_087_037ad	0.75	0.875	0.5	0.875	0.375	0.687	109	0.768	0.862	0.577
554	Y50G_087_025ad	0.75	0.875	0.625	0.875	0.25	0.75	120	0.763	0.864	0.67
555	G00B_087_012ad	0.75	0.875	0.75	0.875	0.125	0.812	150	0.79	0.865	0.765
556	G50B_087_012ad	0.75	0.875	0.875	0.875	0.125	0.812	210	0.79	0.862	0.859
557	G75B_100_025ad	0.75	0.875	1.0	1.0	0.25	0.875	240	0.839	0.865	1.0
558	Y23G_100_100ad	0.75	1.0	0.0	1.0	0.0	0.5	104	0.765	0.999	0.0
559	Y26G_100_087ad	0.75	1.0	0.125	1.0	0.875	0.562	106	0.778	1.0	0.265
560	Y31G_100_075ad	0.75	1.0	0.25	1.0	0.75	0.625	109	0.785	1.0	0.396
561	Y38G_100_062ad	0.75	1.0	0.375	1.0	0.625	0.687	113	0.791	1.0	0.508
562	Y50G_100_050ad	0.75	1.0	0.5	1.0	0.5	0.75	120	0.791	1.0	0.607
563	Y68G_100_037ad	0.75	1.0	0.625	1.0	0.375	0.812	131	0.807	1.0	0.705
564	G00B_100_025ad	0.75	1.0	0.75	1.0	0.25	0.875	150	0.855	1.0	0.803
565	G25B_100_025ad	0.75	1.0	0.875	1.0	0.25	0.875	180	0.846	1.0	0.874
566	G50B_100_025ad	0.75	1.0	1.0	1.0	0.25	0.875	210	0.856	1.0	0.999

Mean color difference of this page:

delta E** = 0.4

TUB-test chart SE11; 1080 standard colours
colors and differences, ΔE^* , 3D=1, de=0, sRGB*

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

TUB registration: 20130201-SE11/SE11LOFP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF /.PS; 3D-linearization
F: 3D-linearization SE11/SE11LE30FP.DAT in file (F), page 23/29

see similar files: <http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE11/SE11LOFP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

n	HIC*Fdd	rgb_Fdd	ict_Fdd	hsi_Fdd	rgb*Fdd	LabCh*Fdd	rgb*Fdd	LabCh*Fdd	DE*Fdd hsi_M
567	R00Y_087_087ad	0.875 0.0 0.0	0.875 0.875 0.437	390	0.875 0.0 0.0	44.1 67.3 56.4	0.864 0.055 0.017	43.9 67.7 56.4	88.1 39.7 0.4
568	R36Y_087_087ad	0.875 0.0 0.125	0.875 0.875 0.437	382	0.875 0.0 0.116	44.2 67.7 47.1	0.864 0.054 0.124	44.1 68.1 46.9	82.7 34.5 0.5
569	R23Y_087_087ad	0.875 0.0 0.25	0.875 0.875 0.437	374	0.875 0.0 0.233	44.5 68.5 32.2	0.864 0.052 0.235	44.3 68.9 32.0	76.0 24.8 0.5
570	R08Y_087_087ad	0.875 0.0 0.375	0.875 0.875 0.437	365	0.875 0.0 0.364	45.1 70.2 13.8	0.865 0.049 0.364	44.9 70.6 13.4	71.9 10.7 0.6
571	B70R_087_087ad	0.875 0.0 0.5	0.875 0.875 0.437	355	0.875 0.0 0.51	46.1 72.8 -6.0	0.864 0.052 0.506	45.9 73.2 -6.5	73.5 354.8 0.7
572	B63R_087_087ad	0.875 0.0 0.625	0.875 0.875 0.437	346	0.875 0.0 0.641	47.2 75.6 -23.1	0.863 0.059 0.631	47.0 76.0 -23.2	79.5 324.9 0.4
573	B56R_087_087ad	0.875 0.0 0.75	0.875 0.875 0.437	338	0.875 0.0 0.758	48.6 78.8 -37.5	0.862 0.064 0.746	48.4 79.2 -37.6	87.7 334.5 0.4
574	B50R_087_087ad	0.875 0.0 0.875	0.875 0.875 0.437	330	0.875 0.0 0.875	50.1 82.5 -51.1	0.861 0.07 0.86	49.9 82.9 -51.3	97.5 328.2 0.4
575	B44R_100_100ad	0.875 0.0 1.0	1.0 1.0 0.5	323	0.883 0.0 1.0	52.5 90.1 -66.3	0.882 0.0 1.0	52.5 90.1 -66.3	111.9 323.6 0.0
576	R13Y_087_087ad	0.875 0.125 0.0	0.875 0.875 0.437	38	0.875 0.116 0.0	45.2 64.2 56.9	0.864 0.139 0.018	45.1 64.4 56.9	85.9 41.4 0.2
577	R00Y_087_075ad	0.875 0.125 0.125	0.875 0.75 0.5	390	0.875 0.125 0.125	49.7 57.7 48.4	0.889 0.264 0.155	49.7 57.7 48.6	75.5 40.1 0.2
578	R35Y_087_075ad	0.875 0.125 0.25	0.875 0.75 0.5	381	0.875 0.125 0.237	49.9 58.2 38.8	0.888 0.264 0.233	49.8 58.2 38.8	70.0 33.6 0.1
579	R18Y_087_075ad	0.875 0.125 0.375	0.875 0.75 0.5	371	0.875 0.125 0.362	50.2 59.3 22.3	0.884 0.266 0.354	50.1 59.4 22.0	63.3 20.3 0.2
580	R00Y_087_075ad	0.875 0.125 0.5	0.875 0.75 0.5	360	0.875 0.125 0.5	50.9 60.8 3.1	0.877 0.272 0.493	50.8 61.0 2.7	61.1 2.5 0.4
581	B65R_087_075ad	0.875 0.125 0.625	0.875 0.75 0.5	349	0.875 0.125 0.637	52.1 64.1 -14.9	0.876 0.275 0.626	51.9 64.2 -14.9	65.9 346.9 0.1
582	B57R_087_075ad	0.875 0.125 0.75	0.875 0.75 0.5	339	0.875 0.125 0.762	53.4 67.3 -30.5	0.874 0.281 0.75	53.3 67.5 -30.6	74.1 335.6 0.2
583	B50R_087_075ad	0.875 0.125 0.875	0.875 0.75 0.5	330	0.875 0.125 0.875	54.9 70.7 -43.8	0.872 0.288 0.862	54.7 71.0 -44.0	83.5 328.2 0.3
584	B43R_100_087ad	0.875 0.125 1.0	1.0 0.875 0.562	322	0.883 0.125 1.0	57.3 78.4 -59.0	0.885 0.129 1.0	57.1 78.5 -58.9	98.1 323.2 0.2
585	R26Y_087_087ad	0.875 0.25 0.0	0.875 0.875 0.437	46	0.875 0.233 0.0	47.8 57.0 58.0	0.864 0.243 0.02	47.7 57.0 58.1	81.4 45.5 0.1
586	R15Y_087_075ad	0.875 0.25 0.125	0.875 0.75 0.5	39	0.875 0.237 0.125	50.9 54.3 48.9	0.887 0.297 0.16	50.7 54.5 49.1	73.4 41.9 0.3
587	R00Y_087_062ad	0.875 0.25 0.25	0.875 0.625 0.562	390	0.875 0.25 0.25	55.4 48.0 40.3	0.908 0.385 0.271	55.3 48.0 40.3	62.6 40.0 0.0
588	R31Y_087_062ad	0.875 0.25 0.375	0.875 0.625 0.562	379	0.875 0.25 0.364	55.5 48.7 29.7	0.903 0.386 0.351	55.5 48.6 29.5	56.9 31.3 0.1
589	R11Y_087_062ad	0.875 0.25 0.5	0.875 0.625 0.562	367	0.875 0.25 0.489	55.9 49.6 12.8	0.893 0.391 0.476	55.9 49.6 12.5	51.1 14.1 0.3
590	B69R_087_062ad	0.875 0.25 0.625	0.875 0.625 0.562	353	0.875 0.25 0.635	56.9 52.2 -7.1	0.885 0.397 0.623	56.8 52.1 -7.0	52.6 352.3 0.1
591	B59R_087_062ad	0.875 0.25 0.75	0.875 0.625 0.562	341	0.875 0.25 0.76	58.2 55.5 -22.8	0.882 0.403 0.748	58.1 55.5 -22.8	60.0 337.6 0.0
592	B50R_087_062ad	0.875 0.25 0.875	0.875 0.625 0.562	330	0.875 0.25 0.875	58.9 58.9 -36.5	0.879 0.412 0.864	59.5 58.9 -36.5	69.4 328.1 0.1
593	B42R_100_075ad	0.875 0.25 1.0	1.0 0.75 0.625	321	0.887 0.25 1.0	62.2 66.8 -51.4	0.908 0.411 1.0	62.1 66.6 -50.9	83.9 322.6 0.4
594	R41Y_087_087ad	0.875 0.375 0.0	0.875 0.875 0.437	55	0.875 0.364 0.0	52.5 44.4 60.6	0.863 0.368 0.021	52.5 44.3 60.8	75.2 53.9 0.1
595	R31Y_087_075ad	0.875 0.375 0.125	0.875 0.75 0.5	49	0.875 0.362 0.125	54.1 45.5 50.4	0.885 0.382 0.171	54.1 45.3 50.9	68.1 48.3 0.5
596	R18Y_087_062ad	0.875 0.375 0.25	0.875 0.625 0.562	41	0.875 0.364 0.25	56.8 44.0 40.9	0.904 0.416 0.278	56.6 44.1 40.8	60.1 42.8 0.1
597	R00Y_087_050ad	0.875 0.375 0.375	0.875 0.5 0.625	390	0.875 0.375 0.375	61.0 38.4 32.2	0.919 0.488 0.385	61.0 38.3 32.1	50.0 39.9 0.1
598	R26Y_087_050ad	0.875 0.375 0.5	0.875 0.5 0.625	376	0.875 0.375 0.491	61.1 39.0 20.6	0.909 0.491 0.471	61.2 38.8 20.4	43.9 27.7 0.2
599	R00Y_087_050ad	0.875 0.375 0.625	0.875 0.5 0.625	360	0.875 0.375 0.625	61.8 40.5 2.0	0.894 0.498 0.608	61.8 40.2 2.2	40.3 3.2 0.3
600	B61R_087_050ad	0.875 0.375 0.75	0.875 0.5 0.625	344	0.875 0.375 0.758	62.9 43.6 -15.3	0.886 0.506 0.746	63.0 43.4 -15.1	45.9 340.7 0.3
601	B50R_087_050ad	0.875 0.375 0.875	0.875 0.5 0.625	330	0.875 0.375 0.875	64.4 47.1 -29.2	0.883 0.515 0.865	64.4 46.9 -29.1	55.2 328.2 0.2
602	B40R_100_062ad	0.875 0.375 1.0	1.0 0.625 0.687	319	0.885 0.375 1.0	66.9 55.0 -44.2	0.913 0.519 1.0	66.8 54.6 -43.4	69.8 321.5 0.8
603	R58Y_087_087ad	0.875 0.5 0.0	0.875 0.875 0.437	65	0.875 0.51 0.0	59.4 27.1 64.8	0.702 0.62 0.72	0.863 0.508 0.026	59.5 26.8 65.1
604	R50Y_087_075ad	0.875 0.5 0.125	0.875 0.75 0.5	60	0.875 0.5 0.125	59.6 31.0 53.2	0.88 0.499 0.193	59.7 30.6 53.8	61.9 60.3 0.6
605	R38Y_087_062ad	0.875 0.5 0.25	0.875 0.625 0.562	53	0.875 0.489 0.25	60.4 34.0 42.6	0.898 0.497 0.297	60.4 33.8 42.7	54.5 51.6 0.2
606	R23Y_087_050ad	0.875 0.5 0.375	0.875 0.5 0.625	44	0.875 0.491 0.375	62.6 33.8 32.9	0.912 0.522 0.394	62.5 33.7 32.7	47.0 44.1 0.1
607	R00Y_087_037ad	0.875 0.5 0.5	0.875 0.375 0.687	390	0.875 0.5 0.5	66.6 28.8 24.2	0.922 0.582 0.499	66.5 29.0 23.8	37.5 39.3 0.4
608	R18Y_087_037ad	0.875 0.5 0.625	0.875 0.375 0.687	371	0.875 0.5 0.618	66.8 29.6 11.1	0.906 0.586 0.595	66.7 29.7 11.1	31.7 20.5 0.1
609	B65R_087_037ad	0.875 0.5 0.75	0.875 0.375 0.687	349	0.875 0.5 0.756	67.7 32.0 -7.4	0.888 0.594 0.742	67.6 32.1 -7.5	32.9 346.7 0.1
610	B50R_087_037ad	0.875 0.5 0.875	0.875 0.375 0.687	330	0.875 0.5 0.875	69.1 35.3 -21.9	0.884 0.605 0.865	69.0 35.4 -22.0	41.7 328.1 0.2
611	B38R_100_050ad	0.875 0.5 1.0	1.0 0.5 0.75	316	0.883 0.5 1.0	71.6 43.2 -37.0	0.914 0.612 1.0	71.4 43.0 -36.2	56.2 319.8 0.7
612	R73Y_087_087ad	0.875 0.625 0.0	0.875 0.875 0.437	74	0.875 0.641 0.0	66.7 10.5 69.4	0.702 0.83 0.63	0.862 0.632 0.036	66.6 10.6 69.7
613	R68Y_087_075ad	0.875 0.625 0.125	0.875 0.75 0.5	71	0.875 0.637 0.125	67.0 13.8 58.2	0.876 0.626 0.215	66.8 13.9 58.5	60.1 76.5 0.3
614	R61Y_087_062ad	0.875 0.625 0.25	0.875 0.625 0.562	67	0.875 0.635 0.25	67.4 16.7 46.8	0.88 0.624 0.327	67.2 16.8 46.7	49.7 70.1 0.1
615	R50Y_087_050ad	0.875 0.625 0.375	0.875 0.5 0.625	60	0.875 0.625 0.375	67.6 20.6 35.5	0.91 0.616 0.422	67.4 20.8 35.2	40.9 59.4 0.3
616	R31Y_087_037ad	0.875 0.625 0.5	0.875 0.375 0.687	49	0.875 0.618 0.5	68.2 22.7 25.2	0.911 0.625 0.512	68.6 22.9 24.8	33.8 47.2 0.4
617	R00Y_087_025ad	0.875 0.625 0.625	0.875 0.25 0.75	390	0.875 0.625 0.625	72.2 19.2 16.1	0.910 0.675 0.614	72.0 19.3 16.0	25.1 39.6 0.2
618	R00Y_087_025ad	0.875 0.625 0.75	0.875 0.25 0.75	360	0.875 0.625 0.75	72.6 20.2 1.0	0.888 0.681 0.731	72.4 20.3 0.9	20.3 2.6 0.2
619	B50R_087_025ad	0.875 0.625 0.875	0.875 0.25 0.75	330	0.875 0.625 0.875	73.9 23.5 -14.6	0.877 0.692 0.864	73.7 23.6 -14.7	27.8 328.0 0.2
620	B34R_100_037ad	0.875 0.625 1.0	1.0 0.375 0.812	311	0.881 0.625 1.0	76.4 31.5 -29.7	0.913 0.675 0.812	76.2 31.3 -28.9	42.6 317.2 0.3
621	R86Y_087_087ad	0.875 0.75 0.0	0.875 0.875 0.437	82	0.875 0.758 0.0	73.7 -4.0 74.2	0.863 0.745 0.045	73.6 -4.0 74.5	74.7 93.1 0.3
622	R85Y_087_075ad	0.875 0.75 0.125	0.875 0.75 0.5	81	0.875 0.762 0.125	74.4 -1.8 63.2	0.874 0.748 0.242	74.3 -1.8 63.1	63.1 91.6 0.1
623	R81Y_087_062ad	0.875 0.75 0.25	0.875 0.625 0.562	79	0.875 0.76 0.25	74.6 1.0 51.8	0.884 0.745 0.355	74.5 1.1 51.7	51.7 88.7 0.1
624	R76Y_087_050ad	0.875 0.75 0.375	0.875 0.5 0.625	76	0.875 0.758 0.375	74.9 3.9 40.3	0.888 0.742 0.455	74.7 3.9 40.1	40.3 84.3 0.2
625	R68Y_087_037ad	0.875 0.75 0.5	0.875 0.375 0.687	71	0.875 0.756 0.5	75.2 6.9 29.1	0.893 0.741 0.547	75.1 6.9 28.9	29.7 76.4 0.2
626	R50Y_087_025ad	0.875 0.75 0.625	0.875 0.25 0.75	60	0.875 0.75 0.625	75.5 10.3 17.7	0.896 0.737 0.636	75.4 10.3 17.7	20.5 59.7 0.1
627	R00Y_087_012ad	0.875 0.75 0.75	0.875 0.125 0.812	390	0.875 0.75 0.75	77.8 9.6 8.0	0.89		

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F: 3D-linearization SE11/SE11LE30FP.DAT in file (F), page 24/29

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technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE11/SE11LOFP.PDF /.PS
application for measurement of display output, no separation
TUB material: code=rha4ta

n	HIC*Fdd	rgb_Fdd	ict_Fdd	hsi_Fdd	rgb*Fdd	LabCh*Fdd	rgb**Fdd	LabCh**Fdd	DE*Fdd hsi_Mdd	rgb*Mdd	LabCh*Mdd			
648	R00Y_100_100ad	1.0 0.0 0.0	1.0 1.0 0.5	390	1.0 0.0 0.0	50.4 76.9 64.5	100.4 40.0	1.0 0.0 0.0	50.4 76.9 64.5	100.4 39.9	0.0 389	1.0 0.0 0.0	50.4 76.9 64.5	100.4 40.0
649	R38Y_100_100ad	1.0 0.0 0.125	1.0 1.0 0.5	383	1.0 0.0 0.116	50.5 77.2 55.6	95.1 35.7	1.0 0.0 0.117	50.5 77.2 55.7	95.2 35.8	0.1 383	1.0 0.0 0.116	50.5 77.2 55.6	95.1 35.7
650	R26Y_100_100ad	1.0 0.0 0.25	1.0 1.0 0.5	376	1.0 0.0 0.233	50.8 78.0 41.2	88.2 27.8	1.0 0.0 0.234	50.8 77.8 41.2	88.1 27.9	0.1 377	1.0 0.0 0.233	50.8 78.0 41.2	88.2 27.8
651	R13Y_100_100ad	1.0 0.0 0.375	1.0 1.0 0.5	368	1.0 0.0 0.366	51.3 79.3 22.7	82.5 16.0	1.0 0.0 0.368	51.3 79.1 22.5	82.3 15.9	0.2 368	1.0 0.0 0.366	51.3 79.3 22.7	82.5 16.0
652	R00Y_100_100ad	1.0 0.0 0.5	1.0 1.0 0.5	360	1.0 0.0 0.5	52.0 81.1 4.1	81.2 2.9	1.0 0.0 0.5	52.0 81.1 4.1	81.2 2.9	0.0 360	1.0 0.0 0.5	52.0 81.1 4.1	81.2 2.9
653	B68R_100_100ad	1.0 0.0 0.625	1.0 1.0 0.5	352	1.0 0.0 0.633	53.0 83.9	-13.6 85.0 350.7	1.0 0.0 0.631	53.0 83.8	-13.5 84.9 350.8	0.1 351	1.0 0.0 0.633	53.0 83.9	-13.6 85.0 350.7
654	B61R_100_100ad	1.0 0.0 0.75	1.0 1.0 0.5	344	1.0 0.0 0.766	54.4 87.3	-30.6 92.5 340.6	1.0 0.0 0.765	54.3 87.1	-30.5 92.3 340.6	0.2 342	1.0 0.0 0.766	54.4 87.3	-30.6 92.5 340.6
655	B55R_100_100ad	1.0 0.0 0.875	1.0 1.0 0.5	337	1.0 0.0 0.883	55.7 90.6	-44.8 101.1 333.6	1.0 0.0 0.882	55.7 90.5	-44.8 101.0 333.6	0.0 336	1.0 0.0 0.883	55.7 90.6	-44.8 101.1 333.6
656	B50R_100_100ad	1.0 0.0 1.0	1.0 1.0 0.5	330	1.0 0.0 1.0	57.2 94.3	-58.4 110.9 328.2	1.0 0.0 1.0	57.2 94.3	-58.4 111.0 328.2	0.0 330	1.0 0.0 1.0	57.2 94.3	-58.4 110.9 328.2
657	R11Y_100_100ad	1.0 0.125 0.0	1.0 1.0 0.5	37	1.0 0.116 0.0	51.4 74.1	64.9 98.5 41.2	0.999 0.117 0.0	51.4 74.2	64.8 98.5 41.1	0.1 36	1.0 0.116 0.0	51.4 74.1	64.9 98.5 41.2
658	R00Y_100_087ad	1.0 0.125 0.125	1.0 0.875 0.562	390	1.0 0.125 0.125	56.1 67.3	56.4 87.8 40.0	1.0 0.25 0.125	54.1 67.0	57.6 88.4 40.7	2.2 389	1.0 0.0 0.0	50.4 76.9	64.5 100.4 40.0
659	R36Y_100_087ad	1.0 0.125 0.25	1.0 0.875 0.562	382	1.0 0.125 0.241	56.2 67.7	47.1 82.5 34.8	1.0 0.272 0.235	55.0 65.9	45.6 80.2 34.6	2.6 382	1.0 0.0 0.133	50.6 77.3	53.9 94.3 34.8
660	R23Y_100_087ad	1.0 0.125 0.375	1.0 0.875 0.562	374	1.0 0.125 0.358	56.4 68.5	32.2 75.7 25.1	1.0 0.273 0.349	55.4 67.0	30.5 73.7 24.4	2.4 375	1.0 0.0 0.266	50.9 78.3	36.8 86.6 25.1
661	R08Y_100_087ad	1.0 0.125 0.5	1.0 0.875 0.562	365	1.0 0.125 0.489	57.0 70.2	13.8 71.6 11.1	1.0 0.275 0.484	56.1 69.0	12.1 70.1 9.9	2.3 365	1.0 0.0 0.416	51.5 80.3	15.8 81.8 11.1
662	B70R_100_087ad	1.0 0.125 0.625	1.0 0.875 0.562	355	1.0 0.125 0.635	58.0 72.8	-6.0 73.0 355.2	1.0 0.279 0.623	57.1 71.7	-6.2 72.0 355.0	1.4 354	1.0 0.0 0.583	52.7 83.2	-6.9 83.5 355.2
663	B63R_100_087ad	1.0 0.125 0.75	1.0 0.875 0.562	346	1.0 0.125 0.766	59.2 75.6	-23.1 79.1 342.9	1.0 0.286 0.765	58.5 75.1	-24.1 78.8 342.1	1.3 344	1.0 0.0 0.733	54.0 86.5	-26.4 90.4 342.9
664	B56R_100_087ad	1.0 0.125 0.875	1.0 0.875 0.562	338	1.0 0.125 0.883	60.5 78.8	-37.5 87.3 334.5	1.0 0.291 0.884	59.9 78.5	-38.4 87.4 333.9	1.1 337	1.0 0.0 0.866	55.5 90.1	-42.8 99.8 334.5
665	B50R_100_087ad	1.0 0.125 1.0	1.0 0.875 0.562	330	1.0 0.125 1.0	62.0 82.5	-51.1 97.1 328.2	1.0 0.297 1.0	61.4 82.2	-51.7 97.1 327.8	0.9 330	1.0 0.0 1.0	57.2 94.3	-58.4 110.9 328.2
666	R23Y_100_100ad	1.0 0.25 0.0	1.0 1.0 0.5	44	1.0 0.233 0.0	53.7 67.6	65.8 94.4 44.2	0.999 0.234 0.0	53.6 67.8	65.8 94.5 44.1	0.2 42	1.0 0.233 0.0	53.7 67.6	65.8 94.4 44.2
667	R13Y_100_087ad	1.0 0.25 0.125	1.0 0.875 0.562	38	1.0 0.241 0.125	57.1 64.2	56.9 85.8 41.5	1.0 0.307 0.157	55.9 62.5	55.7 83.7 41.7	2.4 37	1.0 0.133 0.0	51.7 73.4	65.0 98.0 41.5
668	R00Y_100_075ad	1.0 0.25 0.25	1.0 0.75 0.625	390	1.0 0.25 0.25	61.7 57.7	48.4 75.3 40.0	1.0 0.375 0.25	58.5 56.6	47.5 73.9 39.9	3.4 389	1.0 0.0 0.0	50.4 76.9	64.5 100.4 40.0
669	R35Y_100_075ad	1.0 0.25 0.375	1.0 0.75 0.625	381	1.0 0.25 0.362	61.8 58.2	38.8 69.9 33.6	1.0 0.407 0.35	60.1 54.4	36.2 65.3 33.6	4.9 382	1.0 0.0 0.15	50.6 77.6	51.7 93.3 33.6
670	R18Y_100_075ad	1.0 0.25 0.5	1.0 0.75 0.625	371	1.0 0.25 0.487	62.1 59.3	22.3 63.4 20.6	1.0 0.409 0.475	60.7 56.2	19.8 59.6 19.4	4.2 371	1.0 0.0 0.316	51.1 79.1	29.7 84.5 20.6
671	R00Y_100_075ad	1.0 0.25 0.625	1.0 0.75 0.625	360	1.0 0.25 0.625	62.9 60.8	3.1 60.9 2.9	1.0 0.416 0.616	61.7 58.7	1.5 58.7 1.5	2.8 360	1.0 0.0 0.5	52.0 81.1	4.1 81.2 2.9
672	B65R_100_075ad	1.0 0.25 0.75	1.0 0.75 0.625	349	1.0 0.25 0.762	64.0 64.1	-14.9 65.8 346.8	1.0 0.421 0.749	62.9 62.0	-15.1 63.8 346.2	2.3 348	1.0 0.0 0.683	53.5 85.4	-19.9 87.7 346.8
673	B57R_100_075ad	1.0 0.25 0.875	1.0 0.75 0.625	339	1.0 0.25 0.887	65.3 67.3	-30.5 73.9 335.5	1.0 0.428 0.888	64.5 66.0	-31.8 73.3 334.2	2.0 337	1.0 0.0 0.85	53.8 89.8	-40.7 98.6 335.5
674	B50R_100_075ad	1.0 0.25 1.0	1.0 0.75 0.625	330	1.0 0.25 1.0	66.8 70.7	-43.8 83.2 328.2	1.0 0.436 1.0	66.0 69.5	-44.5 82.5 327.3	1.6 330	1.0 0.0 1.0	57.2 94.3	-58.4 110.9 328.2
675	R36Y_100_100ad	1.0 0.375 0.0	1.0 1.0 0.5	52	1.0 0.366 0.0	57.9 56.2	67.9 88.1 50.3	0.999 0.368 0.0	57.9 56.1	67.8 88.0 50.3	0.0 51	1.0 0.366 0.0	57.9 56.2	67.9 88.1 50.3
676	R26Y_100_087ad	1.0 0.375 0.125	1.0 0.875 0.562	46	1.0 0.358 0.125	59.7 57.0	58.0 81.3 45.5	1.0 0.376 0.166	58.4 55.8	56.9 79.8 45.5	2.0 44	1.0 0.266 0.0	54.6 65.1	66.3 93.0 45.5
677	R15Y_100_075ad	1.0 0.375 0.25	1.0 0.75 0.625	39	1.0 0.362 0.25	62.8 54.3	48.9 73.1 41.9	1.0 0.436 0.25	61.0 49.9	50.0 70.7 45.0	4.8 37	1.0 0.15 0.0	52.0 72.4	65.2 97.4 41.9
678	R00Y_100_062ad	1.0 0.375 0.375	1.0 0.625 0.687	390	1.0 0.375 0.375	67.3 48.0	40.3 62.7 40.0	1.0 0.5 0.375	64.2 44.1	38.0 58.3 40.7	5.4 389	1.0 0.0 0.0	50.4 76.9	64.5 100.4 40.0
679	R31Y_100_062ad	1.0 0.375 0.5	1.0 0.625 0.687	379	1.0 0.375 0.489	67.4 48.7	29.7 57.0 31.3	1.0 0.501 0.473	64.7 45.7	25.4 52.3 29.1	5.8 380	1.0 0.0 0.183	50.7 77.9	47.5 91.2 31.3
680	R11Y_100_062ad	1.0 0.375 0.625	1.0 0.625 0.687	367	1.0 0.375 0.614	67.9 49.6	12.8 51.3 14.4	1.0 0.525 0.598	66.4 45.7	10.7 47.0 13.1	4.6 367	1.0 0.0 0.383	51.4 79.5	20.4 82.1 14.4
681	B69R_100_062ad	1.0 0.375 0.75	1.0 0.625 0.687	353	1.0 0.375 0.76	68.8 52.2	-7.1 52.7 352.1	1.0 0.532 0.749	67.7 49.4	-7.9 50.0 350.8	3.1 352	1.0 0.0 0.616	52.9 83.6	-11.4 84.3 352.1
682	B59R_100_062ad	1.0 0.375 0.875	1.0 0.625 0.687	341	1.0 0.375 0.885	70.1 55.5	-22.8 60.1 337.6	1.0 0.538 0.885	69.2 53.4	-24.3 58.7 335.5	2.7 339	1.0 0.0 0.816	54.9 88.9	-36.6 96.2 337.6
683	B50R_100_062ad	1.0 0.375 1.0	1.0 0.625 0.687	330	1.0 0.375 1.0	71.5 58.9	-36.5 69.3 328.2	1.0 0.547 1.0	70.7 57.0	-37.2 68.1 326.8	2.2 330	1.0 0.0 1.0	57.2 94.3	-58.4 110.9 328.2
684	R50Y_100_100ad	1.0 0.5 0.0	1.0 1.0 0.5	60	1.0 0.5 0.0	63.6 41.3	71.0 82.2 59.7	1.0 0.501 0.0	63.7 41.1	71.0 82.1 59.9	0.2 59	1.0 0.5 0.0	63.6 41.3	71.0 82.2 59.7
685	R41Y_100_087ad	1.0 0.5 0.125	1.0 0.875 0.562	55	1.0 0.489 0.125	64.4 44.4	60.6 75.1 53.7	1.0 0.499 0.18	63.8 42.0	60.3 73.5 55.1	2.4 54	1.0 0.416 0.0	60.0 50.7	69.3 85.9 53.7
686	R31Y_100_075ad	1.0 0.5 0.25	1.0 0.75 0.625	49	1.0 0.487 0.25	66.0 45.5	50.4 67.9 49.7	1.0 0.501 0.295	64.1 42.8	47.9 64.3 48.2	4.0 48	1.0 0.316 0.0	56.2 60.6	67.2 90.5 49.7
687	R18Y_100_062ad	1.0 0.5 0.375	1.0 0.625 0.687	41	1.0 0.489 0.375	68.7 44.0	40.9 60.1 42.8	1.0 0.5 0.375	64.2 44.1	38.0 58.3 40.7	5.3 39	1.0 0.183 0.0	52.7 70.5	65.5 96.2 42.8
688	R00Y_100_050ad	1.0 0.5 0.5	1.0 0.5 0.75	390	1.0 0.5 0.5	72.9 38.4	32.2 50.2 40.0	1.0 0.62 0.501	70.8 31.6	29.6 43.4 43.1	7.5 389	1.0 0.0 0.0	50.4 76.9	64.5 100.4 40.0
689	R26Y_100_050ad	1.0 0.5 0.625	1.0 0.5 0.75	376	1.0 0.5 0.616	73.1 39.0	20.6 44.1 27.8	1.0 0.622 0.595	71.3 33.6	18.0 38.1 28.1	6.2 377	1.0 0.0 0.233	50.8 78.0	41.2 88.2 27.8
690	R00Y_100_05													

http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF /.PS; 3D-linearization
F: 3D-linearization SE11/SE11LE30FP.DAT in file (F), page 25/29

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technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n	HIC*Fdd	rgb_Fdd	ict_Fdd	hsi_Fdd	rgb*Fdd	LabCh*Fdd	rgb*Fdd	LabCh*Fdd	DE**Fdd hsi_Mdd	rgb*Mdd	LabCh*Mdd
729	NW_100dd	1.0 1.0 1.0	1.0 0.0 1.0	360	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	95.4 0.0 0.0	360	95.4 0.0 0.0
730	G50B_100_012dd	0.875 1.0 1.0	1.0 0.125 0.937	210	0.875 1.0 1.0	94.3 -5.7 -1.6	6.0 196.3	0.929 1.0 0.999	94.1 -5.6 -1.9	5.9 199.1	0.3 210
731	G50B_100_025dd	0.75 1.0 1.0	1.0 0.25 0.875	210	0.75 1.0 1.0	93.2 -11.5 -3.3	12.0 196.3	0.856 1.0 0.999	93.0 -11.1 -3.7	11.7 198.6	0.5 210
732	G50B_100_037dd	0.625 1.0 1.0	1.0 0.375 0.812	210	0.625 1.0 1.0	92.2 -17.3 -5.0	18.0 196.3	0.778 1.0 0.999	91.8 -16.8 -5.5	17.7 198.2	0.7 210
733	G50B_100_050dd	0.5 1.0 1.0	1.0 0.5 0.75	210	0.5 1.0 1.0	91.1 -23.0 -6.7	24.0 196.3	0.693 1.0 0.999	90.7 -22.7 -7.3	23.8 197.8	0.7 210
734	G50B_100_062dd	0.375 1.0 1.0	1.0 0.625 0.687	210	0.375 1.0 1.0	90.0 -28.8 -8.4	30.0 196.3	0.6 1.0 0.999	89.7 -28.4 -8.9	29.8 197.4	0.7 210
735	G50B_100_075dd	0.25 1.0 1.0	1.0 0.75 0.625	210	0.25 1.0 1.0	89.0 -34.6 -10.1	36.1 196.3	0.495 1.0 0.999	88.7 -34.1 -10.5	35.7 197.1	0.6 210
736	G50B_100_087dd	0.125 1.0 1.0	1.0 0.875 0.562	210	0.125 1.0 1.0	87.9 -40.4 -11.8	42.1 196.3	0.348 1.0 0.999	87.7 -40.2 -12.1	42.0 196.7	0.3 210
737	G50B_100_100dd	0.0 1.0 1.0	1.0 1.0 0.5	210	0.0 1.0 1.0	86.8 -46.1 -13.5	48.1 196.3	0.0 1.0 1.0	86.8 -46.1 -13.5	48.1 196.3	0.0 210
738	ROOY_100_012dd	1.0 0.875 0.875	1.0 0.125 0.937	390	1.0 0.875 0.875	89.7 9.6 8.0	12.5 40.0	1.0 0.906 0.871	89.0 6.4 6.9	9.4 47.1	3.4 389
739	NW_087dd	0.875 0.875 0.875	0.875 0.0 0.875	360	0.875 0.875 0.875	83.4 0.0 0.0	0.0 0.0	0.858 0.86 0.859	83.3 0.0 0.0	0.1 212.6	0.1 360
740	G50B_087_012dd	0.75 0.875 0.875	0.875 0.125 0.812	210	0.75 0.875 0.875	82.4 -5.7 -1.6	6.0 196.3	0.79 0.862 0.859	82.3 -5.9 -1.7	6.1 196.1	0.1 210
741	G50B_087_025dd	0.625 0.875 0.875	0.875 0.25 0.75	210	0.625 0.875 0.875	81.3 -11.5 -3.3	12.0 196.3	0.718 0.863 0.86	81.2 -11.7 -3.4	12.2 196.4	0.2 210
742	G50B_087_037dd	0.5 0.875 0.875	0.875 0.375 0.687	210	0.5 0.875 0.875	80.2 -17.3 -5.0	18.0 196.3	0.641 0.864 0.86	80.1 -17.5 -5.1	18.2 196.4	0.2 210
743	G50B_087_050dd	0.375 0.875 0.875	0.875 0.5 0.625	210	0.375 0.875 0.875	79.2 -23.0 -6.7	24.0 196.3	0.555 0.864 0.859	79.1 -23.3 -6.8	24.3 196.2	0.2 210
744	G50B_087_062dd	0.25 0.875 0.875	0.875 0.625 0.562	210	0.25 0.875 0.875	78.1 -28.8 -8.4	30.0 196.3	0.458 0.863 0.86	78.0 -29.0 -8.5	30.2 196.3	0.1 210
745	G50B_087_075dd	0.125 0.875 0.875	0.875 0.75 0.5	210	0.125 0.875 0.875	77.0 -34.6 -10.1	36.1 196.3	0.33 0.862 0.86	77.0 -34.8 -10.2	36.3 196.3	0.2 210
746	G50B_087_087dd	0.0 0.875 0.875	0.875 0.875 0.437	210	0.0 0.875 0.875	76.0 -40.4 -11.8	42.1 196.3	0.087 0.86 0.86	75.9 -40.6 -11.9	42.3 196.3	0.2 210
747	ROOY_100_025dd	1.0 0.75 0.75	1.0 0.25 0.875	390	1.0 0.75 0.75	84.1 19.2 16.1	25.1 40.0	1.0 0.812 0.746	82.7 13.8 14.1	19.7 45.5	5.8 389
748	ROOY_087_012dd	0.875 0.75 0.75	0.875 0.125 0.812	390	0.875 0.75 0.75	77.8 9.6 8.0	12.5 40.0	0.893 0.768 0.735	77.7 9.5 8.0	12.5 40.0	0.1 389
749	NW_075dd	0.75 0.75 0.75	0.75 0.0 0.75	360	0.75 0.75 0.75	71.5 0.0 0.0	0.0 0.0	0.721 0.724 0.724	71.3 -0.1 0.0	0.2 207.8	0.2 360
750	G50B_075_012dd	0.625 0.75 0.75	0.75 0.125 0.687	210	0.625 0.75 0.75	70.4 -5.7 -1.6	6.0 196.3	0.656 0.726 0.723	70.3 -5.9 -1.7	6.2 196.0	0.2 210
751	G50B_075_025dd	0.5 0.75 0.75	0.75 0.25 0.625	210	0.5 0.75 0.75	69.4 -11.5 -3.3	12.0 196.3	0.585 0.727 0.724	69.2 -11.7 -3.4	12.2 196.4	0.3 210
752	G50B_075_037dd	0.375 0.75 0.75	0.75 0.375 0.562	210	0.375 0.75 0.75	68.3 -17.3 -5.0	18.0 196.3	0.511 0.728 0.724	68.2 -17.3 -5.0	18.0 196.3	0.1 210
753	G50B_075_050dd	0.25 0.75 0.75	0.75 0.5 0.5	210	0.25 0.75 0.75	67.2 -23.0 -6.7	24.0 196.3	0.42 0.727 0.723	67.1 -23.3 -6.7	24.3 196.2	0.2 210
754	G50B_075_062dd	0.125 0.75 0.75	0.75 0.625 0.437	210	0.125 0.75 0.75	66.2 -28.8 -8.4	30.0 196.3	0.306 0.726 0.723	66.0 -29.3 -8.5	30.5 196.2	0.4 210
755	G50B_075_075dd	0.0 0.75 0.75	0.75 0.75 0.375	210	0.0 0.75 0.75	65.1 -34.6 -10.1	36.1 196.3	0.131 0.725 0.724	65.0 -34.8 -10.1	36.2 196.2	0.2 210
756	ROOY_100_037dd	1.0 0.625 0.625	1.0 0.375 0.812	390	1.0 0.625 0.625	78.5 28.8 24.2	37.6 40.0	1.0 0.717 0.623	76.6 22.3 21.6	31.0 44.1	7.2 389
757	ROOY_087_025dd	0.875 0.625 0.625	0.875 0.25 0.75	390	0.875 0.625 0.625	72.2 19.2 16.1	25.1 40.0	0.913 0.675 0.614	72.0 19.3 16.0	25.1 39.6	0.2 389
758	ROOY_075_012dd	0.75 0.625 0.625	0.75 0.125 0.687	390	0.75 0.625 0.625	65.9 9.6 8.0	12.5 40.0	0.756 0.636 0.604	65.7 9.5 7.9	12.4 39.7	0.1 389
759	NW_062dd	0.625 0.625 0.625	0.625 0.0 0.625	360	0.625 0.625 0.625	59.6 0.0 0.0	0.0 0.0	0.59 0.593 0.594	59.4 -0.2 -0.1	0.3 206.3	0.3 360
760	G50B_062_012dd	0.5 0.625 0.625	0.625 0.125 0.562	210	0.5 0.625 0.625	58.5 -5.7 -1.6	6.0 196.3	0.528 0.595 0.594	58.4 -5.9 -1.7	6.1 196.6	0.2 210
761	G50B_062_025dd	0.375 0.625 0.625	0.625 0.25 0.5	210	0.375 0.625 0.625	57.4 -11.5 -3.3	12.0 196.3	0.458 0.596 0.594	57.3 -11.7 -3.4	12.2 196.4	0.2 210
762	G50B_062_037dd	0.25 0.625 0.625	0.625 0.375 0.437	210	0.25 0.625 0.625	56.4 -17.3 -5.0	18.0 196.3	0.382 0.597 0.594	56.3 -17.4 -5.0	18.2 196.2	0.1 210
763	G50B_062_050dd	0.125 0.625 0.625	0.625 0.5 0.375	210	0.125 0.625 0.625	55.3 -23.0 -6.7	24.0 196.3	0.283 0.596 0.593	55.2 -24.3 -6.8	24.4 196.1	0.4 210
764	G50B_062_062dd	0.0 0.625 0.625	0.625 0.625 0.312	210	0.0 0.625 0.625	54.2 -28.8 -8.4	30.0 196.3	0.139 0.595 0.593	54.2 -29.2 -8.4	30.4 196.1	0.3 210
765	ROOY_100_050dd	1.0 0.5 0.5	1.0 0.5 0.75	390	1.0 0.5 0.5	72.9 38.4 32.2	50.2 40.0	1.0 0.62 0.501	70.8 31.6 29.6	43.4 43.1	7.5 389
766	ROOY_087_037dd	0.875 0.5 0.5	0.875 0.375 0.687	390	0.875 0.5 0.5	66.6 28.8 24.2	37.6 40.0	0.922 0.582 0.499	66.5 29.0 23.8	37.5 39.3	0.4 389
767	ROOY_075_025dd	0.75 0.5 0.5	0.75 0.25 0.625	390	0.75 0.5 0.5	60.3 19.2 16.1	25.1 40.0	0.772 0.548 0.491	60.2 19.1 15.7	24.7 39.5	0.3 389
768	ROOY_062_012dd	0.625 0.5 0.5	0.625 0.125 0.562	390	0.625 0.5 0.5	54.0 9.6 8.0	12.5 40.0	0.622 0.511 0.481	54.0 9.2 7.8	12.1 40.6	0.4 389
769	NW_050dd	0.5 0.5 0.5	0.5 0.0 0.5	360	0.5 0.5 0.5	47.7 0.0 0.0	0.0 0.0	0.466 0.47 0.471	47.7 -0.3 -0.1	0.4 205.6	0.4 360
770	G50B_050_012dd	0.375 0.5 0.5	0.5 0.125 0.437	210	0.375 0.5 0.5	46.6 -5.7 -1.6	6.0 196.3	0.404 0.472 0.47	46.6 -6.2 -1.8	6.4 196.5	0.4 210
771	G50B_050_025dd	0.25 0.5 0.5	0.5 0.25 0.375	210	0.249 0.5 0.5	45.5 -11.5 -3.3	12.0 196.3	0.333 0.473 0.47	45.6 -12.2 -3.5	12.7 196.2	0.6 210
772	G50B_050_037dd	0.125 0.5 0.5	0.5 0.375 0.312	210	0.124 0.5 0.5	44.5 -17.3 -5.0	18.0 196.3	0.254 0.473 0.47	44.6 -17.8 -5.1	18.5 196.0	0.5 210
773	G50B_050_050dd	0.0 0.5 0.5	0.5 0.5 0.25	210	0.0 0.5 0.5	43.4 -23.0 -6.7	24.0 196.3	0.134 0.472 0.47	43.5 -23.7 -6.8	24.6 196.0	0.6 210
774	ROOY_100_062dd	1.0 0.375 0.375	1.0 0.625 0.687	390	1.0 0.375 0.375	67.3 48.0 40.3	62.7 40.0	1.0 0.5 0.375	64.2 44.1 38.0	58.3 40.7	5.4 389
775	ROOY_087_050dd	0.875 0.375 0.375	0.875 0.5 0.625	390	0.875 0.375 0.375	61.0 38.4 32.2	50.2 40.0	0.919 0.488 0.385	61.0 38.3 32.1	50.0 39.9	0.1 389
776	ROOY_075_037dd	0.75 0.375 0.375	0.75 0.375 0.562	390	0.75 0.375 0.375	54.7 28.8 24.2	37.6 40.0	0.776 0.456 0.377	54.6 28.7 23.9	37.4 39.7	0.3 389
777	ROOY_062_025dd	0.625 0.375 0.375	0.625 0.25 0.5	390	0.625 0.375 0.375	48.4 19.2 16.1	25.1 40.0	0.635 0.424 0.369	48.3 18.9 15.9	24.7 40.0	0.3 389
778	ROOY_050_012dd	0.5 0.375 0.375	0.5 0.125 0.437	390	0.5 0.375 0.375	42.0 9.6 8.0	12.5 40.0	0.497 0.389 0.36	42.1 9.5 8.0	12.4 40.2	0.1 389
779	NW_037dd	0.375 0.375 0.375	0.375 0.0 0.375	360	0.375 0.375 0.375	35.7 0.0 0.0	0.0 0.0	0.345 0.35 0.35	35.7 -0.4 -0.2	0.5 205.6	0.5 360
780	G50B_037_012dd	0.25 0.375 0.375	0.375 0.125 0.312	210	0.249 0.375 0.375	34.7 -5.7 -1.6	6.0 196.3	0.284 0.352 0.35	34.6 -6		

see similar files: <http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE11/SE11LOFP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

		HIC*Fdd			rgb_Fdd			ict_Fdd			hsi_Fdd			rgb*Fdd			LabCh*Fdd			rgb*Fdd			LabCh*Fdd			DE**Fdd hsi_Mdd			rgb*Mdd			LabCh*Mdd		
810	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	325.2	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	
811	B00R_100_012dd	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	87.2	9.5	-12.9	16.0	306.2	0.932	0.883	1.0	87.1	9.2	-12.3	15.3	306.7	0.6	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2
812	B00R_100_025dd	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	79.1	19.0	-25.8	32.1	306.2	0.861	0.769	1.0	78.9	18.5	-24.8	31.0	306.7	1.1	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2
813	B00R_100_037dd	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	71.0	28.5	-38.8	48.1	306.2	0.783	0.655	1.0	70.7	27.9	-37.6	46.9	306.5	1.3	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2
814	B00R_100_050dd	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	62.8	38.0	-51.7	64.2	306.2	0.697	0.545	1.0	62.6	37.1	-50.5	62.6	306.3	1.5	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2
815	B00R_100_062dd	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	54.7	47.5	-64.7	80.3	306.2	0.603	0.433	1.0	54.4	46.7	-63.6	78.9	306.2	1.4	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2
816	B00R_100_075dd	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	46.6	57.0	-77.6	96.3	306.2	0.495	0.316	1.0	46.3	56.8	-76.9	95.6	306.4	0.8	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2
817	B00R_100_087dd	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	38.5	66.5	-90.6	112.4	306.2	0.346	0.188	1.0	38.0	66.8	-90.6	112.6	306.4	0.5	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2
818	B00R_100_100dd	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2	0.0	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2
819	Y00G_100_012dd	1.0	1.0	0.875	1.0	1.0	0.937	90	1.0	1.0	0.875	95.0	-2.5	11.3	11.6	102.8	1.0	0.999	0.905	94.8	-3.7	11.0	11.6	108.8	1.2	89	1.0	1.0	0.0	92.6	-20.7	90.7	93.0	102.8
820	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	83.4	0.0	0.0	0.0	0.0	0.858	0.86	0.86	83.3	0.0	0.0	0.1	212.6	0.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	
821	B00R_087_012dd	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	75.3	9.5	-12.9	16.0	306.2	0.794	0.747	0.865	75.2	9.4	-13.0	16.1	306.0	0.1	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2
822	B00R_087_025dd	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	67.2	19.0	-25.8	32.1	306.2	0.723	0.636	0.869	67.0	19.0	-26.1	32.2	306.0	0.2	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2
823	B00R_087_037dd	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	59.1	28.5	-38.8	48.1	306.2	0.645	0.529	0.871	59.0	28.1	-38.8	48.0	305.9	0.3	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2
824	B00R_087_050dd	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	50.8	38.0	-51.7	64.2	306.2	0.56 0.42 0.871	50.8	37.8	-51.8	64.1	306.0	0.2	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2		
825	B00R_087_062dd	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	42.8	47.5	-64.7	80.3	306.2	0.46 0.307 0.869	42.6	47.6	-64.9	80.6	306.2	0.3	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2		
826	B00R_087_075dd	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	34.7	57.0	-77.6	96.3	306.2	0.329 0.188 0.865	34.3	57.5	-78.3	97.1	306.3	0.9	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2		
827	B00R_087_087dd	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	26.5	66.5	-90.6	112.4	306.2	0.095 0.026 0.861	26.3	66.8	-90.9	112.9	306.3	0.5	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2		
828	Y00G_100_025dd	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	94.7	-5.1	22.6	23.2	102.8	1.0	0.998	0.81	94.3	-7.2	22.1	23.3	108.0	2.1	89	1.0	1.0	0.0	92.6	-20.7	90.7	93.0	102.8
829	Y00G_087_012dd	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	83.1	-2.5	11.3	11.6	102.8	0.872 0.859 0.768	83.0	-2.6	11.3	11.6	103.2	0.1	89	1.0	1.0	0.0	92.6	-20.7	90.7	93.0	102.8		
830	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	71.5	0.0	0.0	0.0	0.0	0.721 0.724 0.724	71.3	-0.1	0.0	0.2	207.8	0.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0		
831	B00R_075_012dd	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	63.4	9.5	-12.9	16.0	306.2	0.659 0.615 0.73	63.2	9.3	-13.1	16.1	305.6	0.2	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2		
832	B00R_075_025dd	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	55.3	19.0	-25.8	32.1	306.2	0.59 0.511 0.733	55.2	18.5	-25.7	31.7	305.7	0.4	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2		
833	B00R_075_037dd	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	47.1	28.5	-38.8	48.1	306.2	0.515 0.405 0.734	47.1	28.3	-38.7	47.9	306.1	0.2	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2		
834	B00R_075_050dd	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	39.0	38.0	-51.7	64.2	306.2	0.424 0.297 0.733	38.8	38.0	-51.9	64.4	306.2	0.2	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2		
835	B00R_075_062dd	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	30.9	47.5	-64.7	80.3	306.2	0.31 0.184 0.73	30.4	48.0	-65.3	81.0	306.3	0.8	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2		
836	B00R_075_075dd	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	22.7	57.0	-77.6	96.3	306.2	0.134 0.043 0.726	22.4	57.8	-78.2	97.2	306.4	1.0	270	0.0	0.0	1.0	30.3	76.0	-103.5	128.5	306.2		
837	Y00G_100_037dd	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	94.3	-7.7	34.0	34.9	102.8	1.0	0.998	0.714	93.8	-10.3	33.4	35.0	107.1	2.6	89	1.0	1.0	0.0	92.6	-20.7	90.7	93.0	102.8
838	Y00G_087_025dd	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	82.7	-5.1	22.6	23.2	102.8	0.879 0.858 0.675	82.7	-5.3	22.7	23.3	103.1	0.1	89	1.0	1.0	0.0	92.6	-20.7	90.7	93.0	102.8		
839	Y00G_075_012dd	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	71.2	-2.5	11.3	11.6	102.8	0.735 0.723 0.635	71.0	-2.7	11.3	11.6	103.5	0.2	89	1.0	1.0	0.0	92.6	-20.7	90.7	93.0	102.8		
840	NW_062dd	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	59.6	0.0	0.0	0.0	0.0	0.59 0.593 0.594	59.4	-0.2	-0.1	0.3	206.3	0.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0		
841	B00R_062_012dd	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	51.5	9.5	-12.9	16.0	306.2</																		

http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF /.PS; 3D-linearization
F: 3D-linearization SE11/SE11LE30FP.DAT in file (F), page 27/29

see similar files: <http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE11/SE11LOFP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

n	HIC*Fdd	rgb_Fdd	ict_Fdd	hsi_Fdd	rgb*Fdd	LabCh*Fdd	rgb*Fdd	LabCh*Fdd	DE*Fdd hsi_Mdd	rgb*Mdd	LabCh*Mdd			
891	NW_100dd	1.0 1.0 1.0	1.0 0.0 1.0	360	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	95.4 0.0 0.0	325.2 0.0 360	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0 0.0	
892	B50R_100_012dd	1.0 0.875 1.0	1.0 0.125 0.937	330	1.0 0.875 1.0	90.6 11.7 -7.3	13.8 328.2	1.0 0.914 1.0	90.3 10.6 -7.4	13.0 324.9 1.2	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
893	B50R_100_025dd	1.0 0.75 1.0	1.0 0.25 0.875	330	1.0 0.75 1.0	85.8 23.5 -14.6	27.7 328.2	1.0 0.828 1.0	85.2 21.7 -14.9	26.3 325.3 2.0	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
894	B50R_100_037dd	1.0 0.625 1.0	1.0 0.375 0.812	330	1.0 0.625 1.0	81.1 35.3 -21.9	41.6 328.2	1.0 0.739 1.0	80.3 33.1 -22.4	40.0 325.8 2.4	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
895	B50R_100_050dd	1.0 0.5 1.0	1.0 0.5 0.75	330	1.0 0.5 1.0	76.3 47.1 -29.2	55.4 328.2	1.0 0.646 1.0	75.4 45.0 -29.9	54.0 326.3 2.4	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
896	B50R_100_062dd	1.0 0.375 1.0	1.0 0.625 0.687	330	1.0 0.375 1.0	71.5 58.9 -36.5	69.3 328.2	1.0 0.547 1.0	70.7 57.0 -37.2	68.1 326.8 2.2	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
897	B50R_100_075dd	1.0 0.25 1.0	1.0 0.75 0.625	330	1.0 0.25 1.0	66.8 70.7 -43.8	83.2 328.2	1.0 0.436 1.0	66.0 69.5 -44.5	82.5 327.3 1.6	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
898	B50R_100_087dd	1.0 0.125 1.0	1.0 0.875 0.562	330	1.0 0.125 1.0	62.0 82.5 -51.1	97.1 328.2	1.0 0.297 1.0	61.4 82.2 -51.7	97.1 327.8 0.9	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
899	B50R_100_100dd	1.0 0.0 1.0	1.0 1.0 0.5	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2	1.0 0.0 1.0	57.2 94.3 -58.4	111.0 328.2 0.0	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
900	G00B_100_012dd	0.875 1.0 0.875	1.0 0.125 0.937	150	0.875 1.0 0.875	93.9 -10.3 9.9	14.3 136.0	0.928 1.0 0.901	93.5 -9.9 9.5	13.7 136.1 0.7	149	0.0 1.0 0.0	83.6 -82.7 79.8	115.0 136.0
901	NW_087dd	0.875 0.875 0.875	0.875 0.0 0.875	360	0.875 0.875 0.875	83.4 0.0 0.0	0.0 0.0 0.0	0.858 0.86 0.86	83.3 0.0 0.0	0.1 212.6 0.1	360	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0 0.0
902	B50R_087_012dd	0.875 0.75 0.875	0.875 0.125 0.812	330	0.875 0.75 0.875	78.7 11.7 -7.3	13.8 328.2	0.872 0.777 0.862	78.6 11.7 -7.3	13.8 327.9 0.1	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
903	B50R_087_025dd	0.875 0.625 0.875	0.875 0.25 0.75	330	0.875 0.625 0.875	73.9 23.5 -14.6	27.7 328.2	0.879 0.692 0.864	73.7 23.6 -14.7	27.8 328.0 0.2	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
904	B50R_087_037dd	0.875 0.5 0.875	0.875 0.375 0.687	330	0.875 0.5 0.875	69.1 35.3 -21.9	41.6 328.2	0.884 0.605 0.865	69.0 35.4 -22.0	41.7 328.1 0.2	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
905	B50R_087_050dd	0.875 0.375 0.875	0.875 0.5 0.625	330	0.875 0.375 0.875	64.4 47.1 -29.2	55.4 328.2	0.883 0.515 0.865	64.4 46.9 -29.1	55.2 328.1 0.2	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
906	B50R_087_062dd	0.875 0.25 0.875	0.875 0.625 0.562	330	0.875 0.25 0.875	59.6 58.9 -36.5	69.3 328.2	0.879 0.412 0.864	59.5 58.9 -36.5	69.4 328.1 0.1	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
907	B50R_087_075dd	0.875 0.125 0.875	0.875 0.75 0.5	330	0.875 0.125 0.875	54.9 70.7 -43.8	83.2 328.2	0.872 0.288 0.862	54.7 71.0 -44.0	83.5 328.2 0.3	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
908	B50R_087_087dd	0.875 0.0 0.875	0.875 0.875 0.437	330	0.875 0.0 0.875	50.1 82.5 -51.1	97.1 328.2	0.861 0.07 0.86	49.9 82.9 -51.3	97.5 328.2 0.4	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
909	G00B_100_025dd	0.75 1.0 0.75	1.0 0.25 0.875	150	0.75 1.0 0.75	92.4 -20.6 19.9	28.7 136.0	0.855 1.0 0.803	91.9 -19.9 19.2	27.7 135.9 1.1	149	0.0 1.0 0.0	83.6 -82.7 79.8	115.0 136.0
910	G00B_087_012dd	0.75 0.875 0.75	0.875 0.125 0.812	150	0.75 0.875 0.75	82.0 -10.3 9.9	14.3 136.0	0.79 0.865 0.765	81.9 -10.5 9.9	14.4 136.5 0.1	149	0.0 1.0 0.0	83.6 -82.7 79.8	115.0 136.0
911	NW_075dd	0.75 0.75 0.75	0.75 0.0 0.75	360	0.75 0.75 0.75	71.5 0.0 0.0	0.0 0.0 0.0	0.721 0.724 0.724	71.3 -0.1 0.0	0.2 207.8 0.2	360	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0 0.0
912	B50R_075_012dd	0.75 0.625 0.75	0.75 0.125 0.687	330	0.75 0.625 0.75	66.7 11.7 -7.3	13.8 328.2	0.734 0.644 0.726	66.6 11.7 -7.4	13.8 327.6 0.2	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
913	B50R_075_025dd	0.75 0.5 0.75	0.75 0.25 0.625	330	0.75 0.5 0.75	62.0 23.5 -14.6	27.7 328.2	0.741 0.562 0.728	61.8 23.3 -14.6	27.5 327.9 0.2	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
914	B50R_075_037dd	0.75 0.375 0.75	0.75 0.375 0.562	330	0.75 0.375 0.75	57.2 35.3 -21.9	41.6 328.2	0.744 0.478 0.728	57.2 35.0 -21.8	41.3 328.0 0.3	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
915	B50R_075_050dd	0.75 0.25 0.75	0.75 0.5 0.5	330	0.75 0.25 0.75	52.5 47.1 -29.2	55.4 328.2	0.742 0.385 0.728	52.4 46.8 -29.1	55.2 328.1 0.2	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
916	B50R_075_062dd	0.75 0.125 0.75	0.75 0.625 0.437	330	0.75 0.125 0.75	47.7 58.9 -36.5	69.3 328.2	0.736 0.274 0.727	47.5 59.0 -36.6	69.4 328.1 0.2	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
917	B50R_075_075dd	0.75 0.0 0.75	0.75 0.75 0.375	330	0.75 0.0 0.75	42.9 70.7 -43.8	83.2 328.2	0.726 0.11 0.725	42.7 70.8 -44.0	83.4 328.1 0.2	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
918	G00B_100_037dd	0.625 1.0 0.625	1.0 0.375 0.812	150	0.625 1.0 0.625	90.9 -31.0 29.9	43.1 136.0	0.776 1.0 0.704	90.2 -30.1 29.1	41.9 135.9 1.3	149	0.0 1.0 0.0	83.6 -82.7 79.8	115.0 136.0
919	G00B_087_025dd	0.625 0.875 0.625	0.875 0.25 0.75	150	0.625 0.875 0.625	80.5 -20.6 19.9	28.7 136.0	0.716 0.867 0.669	80.3 -20.1 19.9	28.9 136.5 0.3	149	0.0 1.0 0.0	83.6 -82.7 79.8	115.0 136.0
920	G00B_075_012dd	0.625 0.75 0.625	0.75 0.125 0.687	150	0.625 0.75 0.625	70.0 -10.3 9.9	14.3 136.0	0.656 0.729 0.632	69.9 -10.5 9.9	14.5 136.7 0.2	149	0.0 1.0 0.0	83.6 -82.7 79.8	115.0 136.0
921	NW_062dd	0.625 0.625 0.625	0.625 0.0 0.625	360	0.625 0.625 0.625	59.6 0.0 0.0	0.0 0.0 0.0	0.59 0.593 0.594	59.4 -0.2 -0.1	0.3 206.3 0.3	360	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0 0.0
922	B50R_062_012dd	0.625 0.5 0.625	0.625 0.125 0.562	330	0.625 0.5 0.625	54.8 11.7 -7.3	13.8 328.2	0.602 0.519 0.596	54.8 11.2 -7.2	13.4 327.3 0.5	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
923	B50R_062_025dd	0.625 0.375 0.625	0.625 0.25 0.5	330	0.625 0.375 0.625	50.1 23.5 -14.6	27.7 328.2	0.608 0.438 0.597	49.9 23.1 -14.6	27.4 327.6 0.4	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
924	B50R_062_037dd	0.625 0.25 0.625	0.625 0.375 0.437	330	0.625 0.25 0.625	45.3 35.3 -21.9	41.6 328.2	0.609 0.352 0.597	45.1 35.2 -22.0	41.5 327.9 0.2	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
925	B50R_062_050dd	0.625 0.125 0.625	0.625 0.5 0.375	330	0.625 0.125 0.625	40.5 47.1 -29.2	55.4 328.2	0.605 0.256 0.597	40.4 46.9 -29.3	55.3 328.0 0.2	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
926	B50R_062_062dd	0.625 0.0 0.625	0.625 0.625 0.312	330	0.625 0.0 0.625	35.8 58.9 -36.5	69.3 328.2	0.597 0.125 0.595	35.7 58.7 -36.6	69.2 328.0 0.2	330	1.0 0.0 1.0	57.2 94.3 -58.4	110.9 328.2
927	G00B_100_050dd	0.5 1.0 0.5	1.0 0.5 0.75	150	0.5 1.0 0.5	89.5 -41.3 39.9	57.5 136.0	0.691 1.0 0.604	88.7 -40.5 39.0	56.3 136.0 1.4	149	0.0 1.0 0.0	83.6 -82.7 79.8	115.0 136.0
928	G00B_087_037dd	0.5 0.875 0.5	0.875 0.375 0.687	150	0.5 0.875 0.5	79.0 -31.0 29.9	43.1 136.0	0.639 0.869 0.573	78.9 -31.3 29.9	43.2 136.2 0.2	149	0.0 1.0 0.0	83.6 -82.7 79.8	115.0 136.0
929	G00B_075_025dd	0.5 0.75 0.5	0.75 0.25 0.625	150	0.5 0.75 0.5	68.6 -20.6 19.9	28.7 136.0	0.584 0.731 0.541	68.4 -20.8 19.6	28.6 136.7 0.4	149	0.0 1.0 0.0	83.6 -82.7 79.8	115.0 136.0
930	G00B_062_012dd	0.5 0.625 0.5	0.625 0.125 0.562	150	0.5 0.625 0.5	58.1 -10.3 9.9	14.3 136.0	0.529 0.598 0.507	58.0 -10.2 9.6	14.0 136.8 0.3	149	0.0 1.0 0.0	83.6 -82.7 79.8	115.0 136.0
931	NW_050dd	0.5 0.5 0.5	0.5 0.0 0.5	360	0.5 0.5 0.5	47.7 0.0 0.0	0.0 0.0 0.0	0.466 0.47 0.471	47.7 -0.3 -0.1	0.4 205.6 0.4	360	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0 0.0
932	B50R_050_012dd	0.5 0.375 0.5												

http://130.149.60.45/~farbmetrik/SE11/SE11LOFP.PDF /.PS; 3D-linearization
F: 3D-linearization SE11/SE11LE30FP.DAT in file (F), page 28/29

see similar files: <http://130.149.60.45/~farbmetrik/SE11/SE11.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE11/SE11LOFP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

		HIC*Fdd				rgb_Fdd				ict_Fdd				hsi_Fdd				rgb*Fdd				LabCh*Fdd				rgb**Fdd				LabCh**Fdd				DE**Fdd hsiMdd				rgb*Mdd				LabCh*Mdd																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
972	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TUB-test chart SE11; 1080 standard colours
colors and differences, ΔE^* , 3D=1, de=0, $sRGB^*$

C	M	Y
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n	HIC [*] Fdd	rgb_Fdd	ict_Fdd	hsr_Fdd	rgb [*] Fdd	LabCh [*] Fdd		rgb [*] Fdd	LabCh [*] Fdd	DE ^{**} Fdd hsr_Mdd	rgb [*] Mdd	LabCh [*] Mdd
1053	NW_086dd	0.866	0.866	0.866	0.866	0.866	360	0.866	0.866	0.866	0.866	0.866
1054	NW_093dd	0.933	0.933	0.933	0.933	0.933	360	0.933	0.933	0.933	0.933	0.933
1055	NW_100dd	1.0	1.0	1.0	1.0	1.0	360	1.0	1.0	1.0	1.0	1.0
1056	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1057	NW_006dd	0.066	0.066	0.066	0.066	0.066	360	0.066	0.066	0.066	0.066	0.066
1058	NW_013dd	0.133	0.133	0.133	0.133	0.133	360	0.133	0.133	0.133	0.133	0.133
1059	NW_020dd	0.2	0.2	0.2	0.2	0.2	360	0.2	0.2	0.2	0.2	0.2
1060	NW_026dd	0.266	0.266	0.266	0.266	0.266	360	0.266	0.266	0.266	0.266	0.266
1061	NW_033dd	0.333	0.333	0.333	0.333	0.333	360	0.333	0.333	0.333	0.333	0.333
1062	NW_040dd	0.4	0.4	0.4	0.4	0.4	360	0.4	0.4	0.4	0.4	0.4
1063	NW_046dd	0.466	0.466	0.466	0.466	0.466	360	0.466	0.466	0.466	0.466	0.466
1064	NW_053dd	0.533	0.533	0.533	0.533	0.533	360	0.533	0.533	0.533	0.533	0.533
1065	NW_060dd	0.6	0.6	0.6	0.6	0.6	360	0.6	0.6	0.6	0.6	0.6
1066	NW_066dd	0.666	0.666	0.666	0.666	0.666	360	0.666	0.666	0.666	0.666	0.666
1067	NW_073dd	0.734	0.734	0.734	0.734	0.734	360	0.734	0.734	0.734	0.734	0.734
1068	NW_080dd	0.8	0.8	0.8	0.8	0.8	360	0.8	0.8	0.8	0.8	0.8
1069	NW_086dd	0.866	0.866	0.866	0.866	0.866	360	0.866	0.866	0.866	0.866	0.866
1070	NW_093dd	0.933	0.933	0.933	0.933	0.933	360	0.933	0.933	0.933	0.933	0.933
1071	NW_100dd	1.0	1.0	1.0	1.0	1.0	360	1.0	1.0	1.0	1.0	1.0
1072	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073	NW_100dd	1.0	1.0	1.0	1.0	1.0	360	1.0	1.0	1.0	1.0	1.0
1074	ROOY_100_100dd	1.0	0.0	0.0	1.0	0.5	390	1.0	0.0	0.0	50.4	76.9
1075	G50B_100_100dd	0.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	86.8	-46.1
1076	YOOG_100_100dd	1.0	1.0	1.0	1.0	0.5	90	1.0	1.0	0.0	92.6	-20.7
1077	B00R_100_100dd	0.0	0.0	1.0	1.0	1.0	270	0.0	0.0	1.0	30.3	76.0
1078	G00B_100_100dd	0.0	1.0	0.0	1.0	0.5	150	0.0	1.0	0.0	83.6	-82.7
1079	B50R_100_100dd	1.0	0.0	1.0	1.0	1.0	330	1.0	0.0	1.0	57.2	94.3

Mean color difference of this page: $\Delta E^* = 0.2$
$$\Delta E^* = 0.2$$

see similar files: <http://130.149.60.45/~farbmeterik/SE11/SE11.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

TUB registration: 20130201-SE11/SE11L0FP.PDF/.PS TUB material: code=rhadata
- application for measurement of display output, no separation