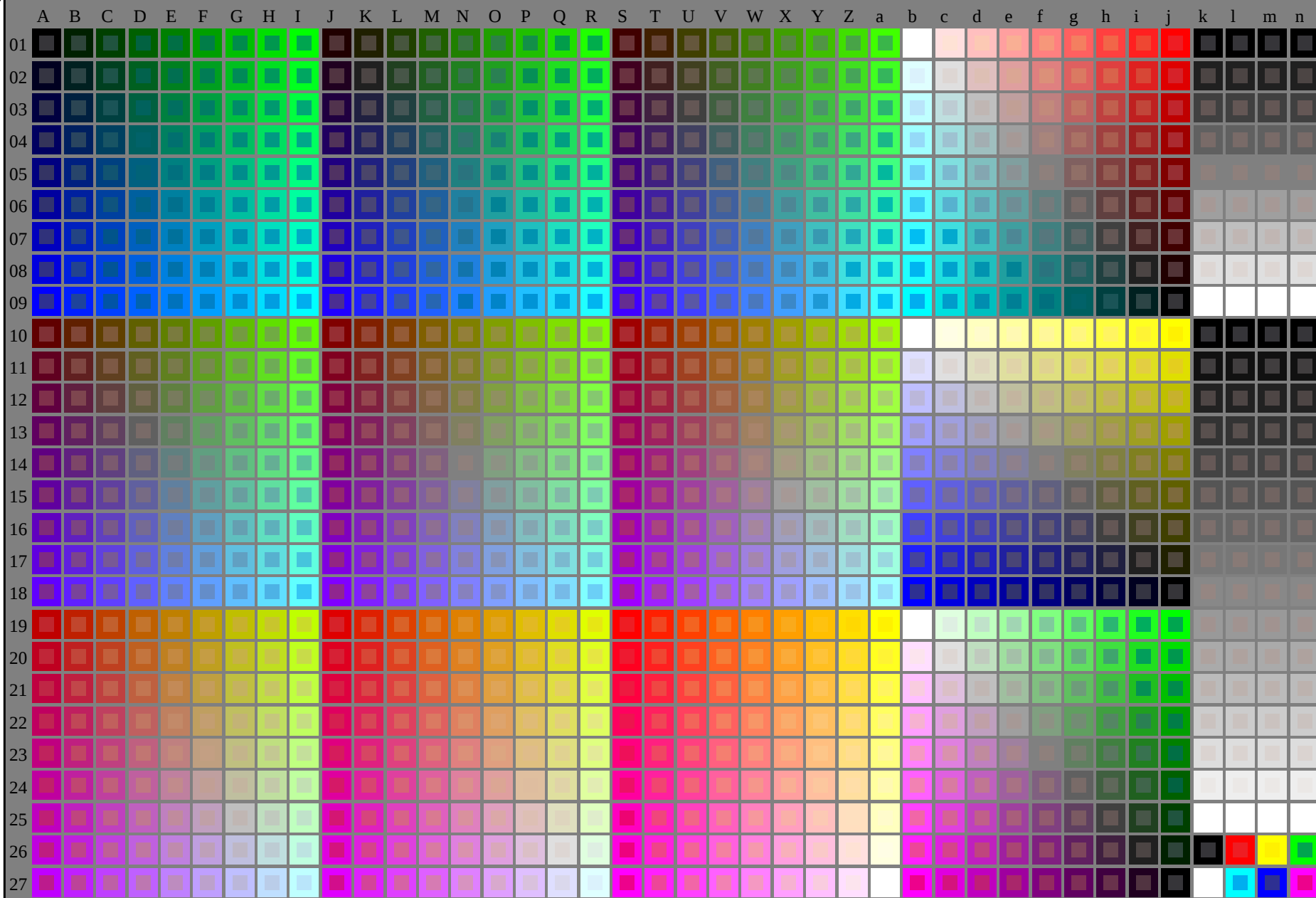


see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE15/SE15L0FP.PDF /.PS
application for measurement of offset print output

TUB material: code=rha4ta



1-113030-L0

SE150-7N

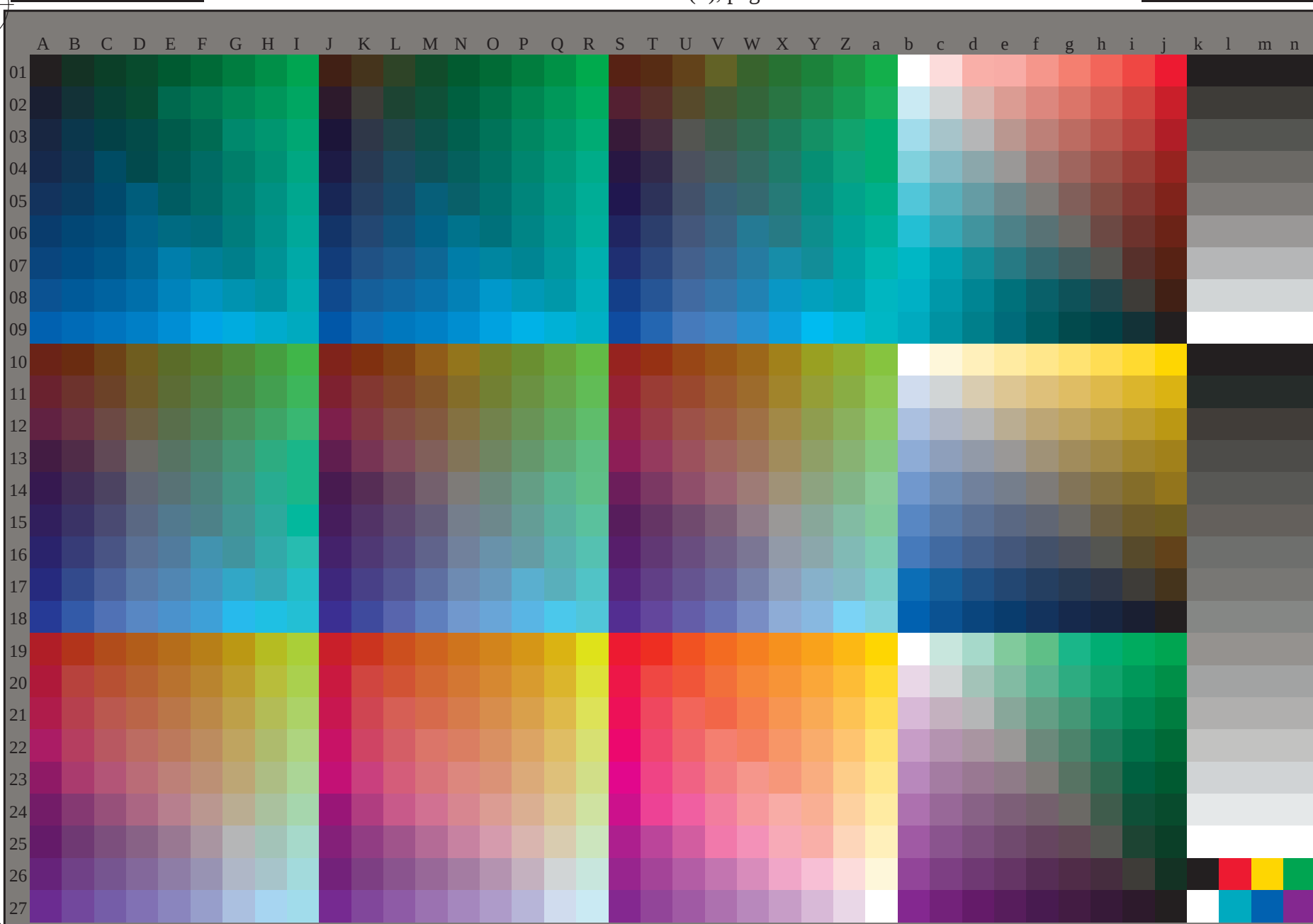
Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): **rgb + cmy0** (A-j + k26_n27), 000n (k), w (l), nnn0 (m), www (n), 3D = 1

TUB-test chart SE15; 1080 colours, offset standard paper
Test chart according to DIN 33872

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

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE15/SE15L0FP.PDF / .PS TUB material: code=rha4ta
 application for measurement of offset print output, separationcmykn6* (CMYK)



1-113130-L0

SE150-73

Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb(A_n)$, $3D=1$

TUB-test chart SE15; 1080 colours, offset standard paper
 Test chart according to DIN 33872, $3D=1$, $de=1$, $cmyk^*$

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

1-113130-F0

C

M

Y

O

L

V

C

http://130.149.60.45/~farbmetrik/SE15/SE15L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FP.DAT in file (F), page 3/33

TUB-test chart SE15; 1080 colours, offset standard paper
Test chart according to DIN 33872, 3D=1, de=1, cmyk*

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

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

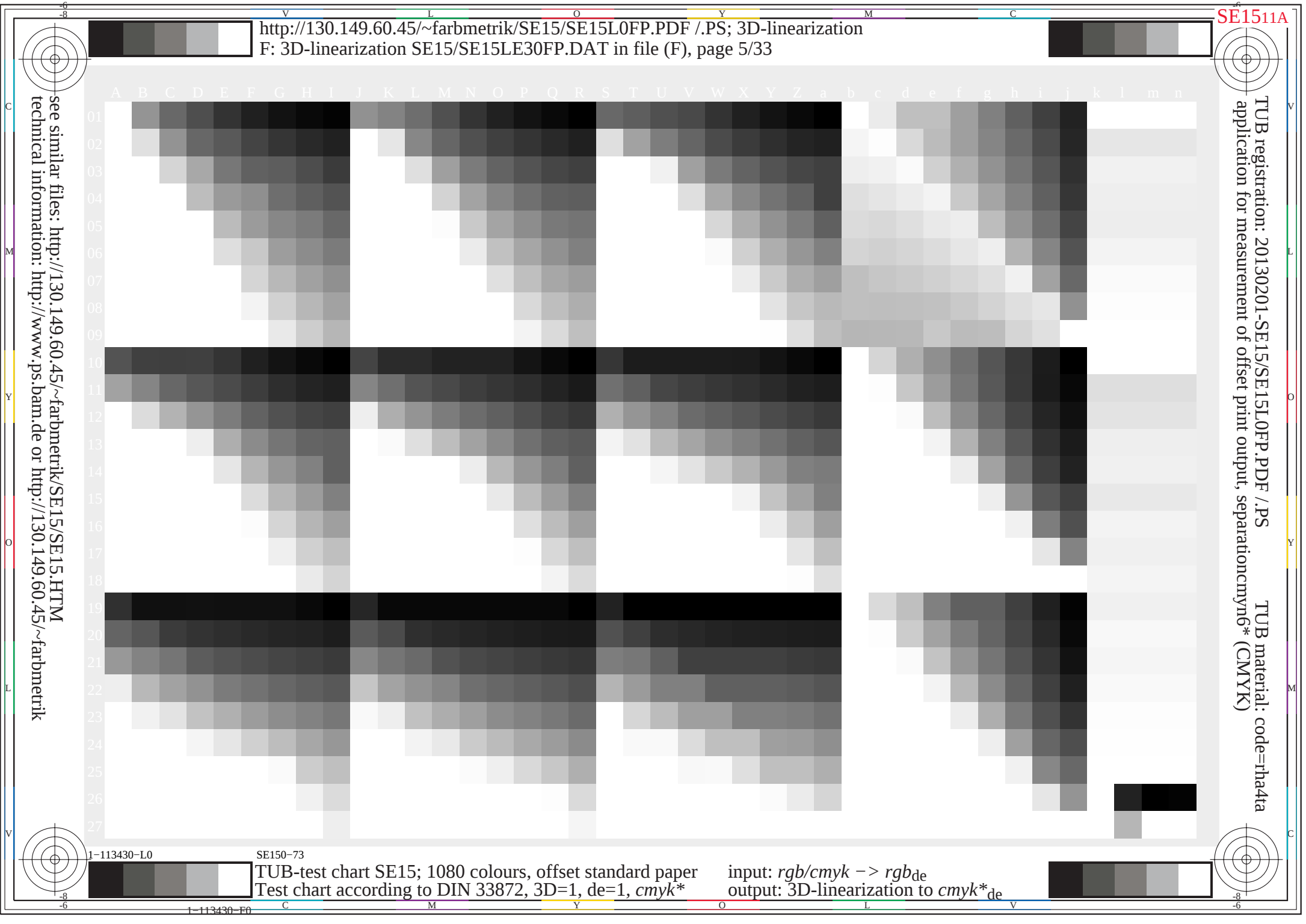
TUB registration: 20130201-SE15/SE15L0FP.PDF /.PS
 application for measurement of offset print output, separationcmyn6* (CMYK)

TUB material: code=rha4ta

SE150-73
 TUB-test chart SE15; 1080 colours, offset standard paper
 Test chart according to DIN 33872, 3D=1, de=1, cmyk*

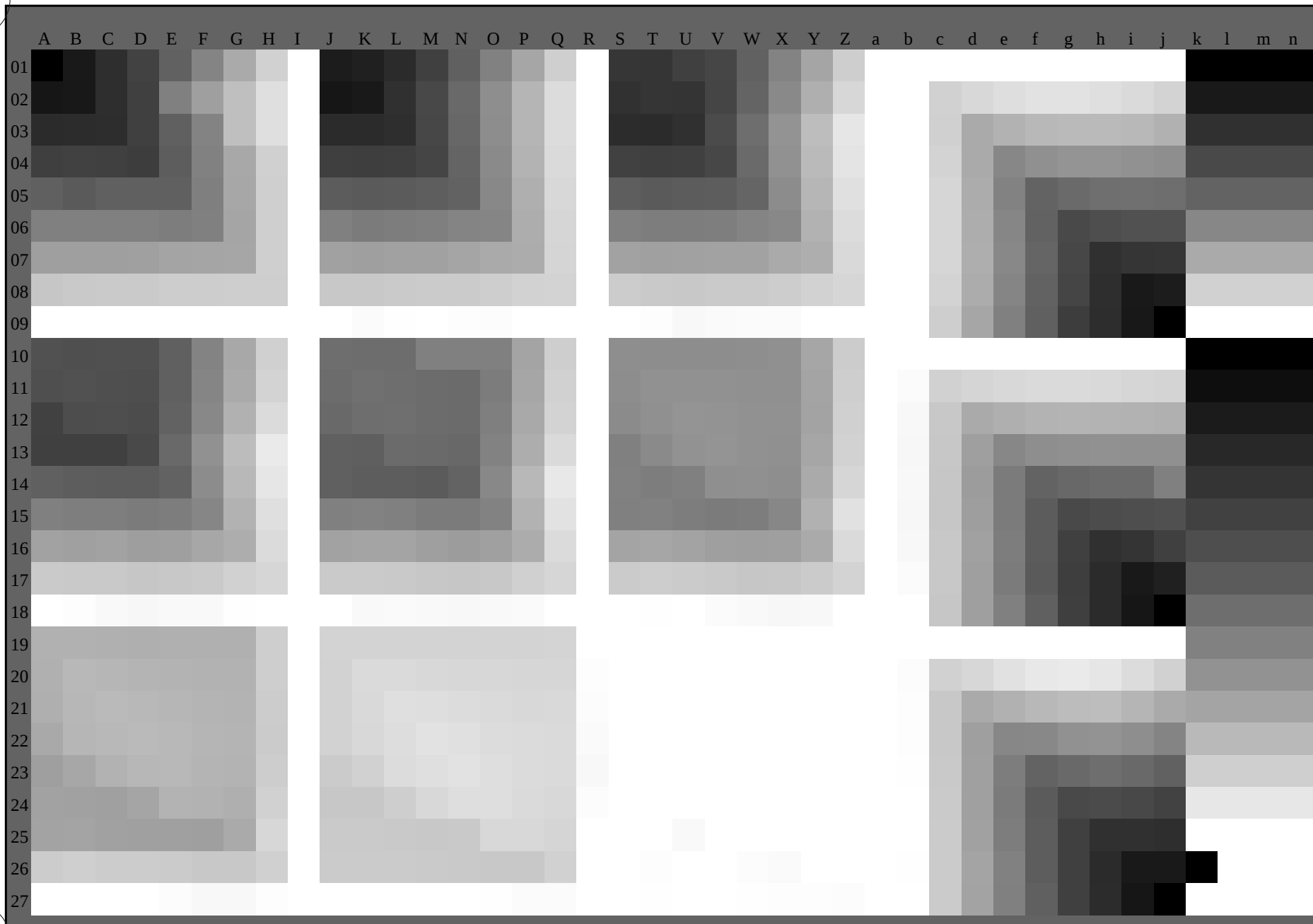
input: *rgb/cmyk* -> *rgb_{de}*
 output: 3D-linearization to *cmyk*_{de}*

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE15/SE15L0FP.PDF /.PS
 application for measurement of offset print output, separationcmykn6* (CMYK)
 TUB material: code=rha4ta



SE150-73
 TUB-test chart SE15; 1080 colours, offset standard paper
 Test chart according to DIN 33872, 3D=1, de=1, cmyk*

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



Data of Maximum color M in colorimetric system Offset standard print; separation cmy6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$ Yellow

$LCH^*_d = 89.4 \ 89.6 \ 96.0$
 $LAB^*_d = 89.4 \ -9.5 \ 89.0$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$ leaf-green

$LCH^*_d = 51.6 \ 73.1 \ 161.6$
 $LAB^*_d = 51.6 \ -69.3 \ 23.0$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$ cyan-blue

$LCH^*_d = 57.8 \ 55.3 \ 234.6$
 $LAB^*_d = 57.8 \ -31.9 \ -45.1$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$

$O=R_d$ orange-red

$LCH^*_d = 47.5 \ 76.0 \ 30.4$
 $LAB^*_d = 47.5 \ 65.5 \ 38.4$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

$M=M_d$ magenta-red

$LCH^*_d = 48.2 \ 74.7 \ 353.2$
 $LAB^*_d = 48.2 \ 74.2 \ -8.7$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$ violet-blue

$LCH^*_d = 24.9 \ 53.0 \ 295.6$
 $LAB^*_d = 24.9 \ 22.9 \ -47.8$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e yellow

$LCH^*_e = 85.1 \ 83.7 \ 92.3$
 $LAB^*_e = 85.1 \ -3.3 \ 83.7$
 $rgb^*_{de} = 1.0 \ 0.868 \ 0.0$

G_e green

$LCH^*_e = 51.7 \ 72.6 \ 162.2$
 $LAB^*_e = 51.7 \ -69.1 \ 22.1$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.011$

C_e blue-green

$LCH^*_e = 56.3 \ 52.4 \ 216.9$
 $LAB^*_e = 56.3 \ -41.9 \ -31.5$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.712$

B_e blue

$LCH^*_e = 36.7 \ 46.6 \ 271.7$
 $LAB^*_e = 36.7 \ 1.4 \ -46.6$
 $rgb^*_{de} = 0.0 \ 0.358 \ 1.0$

R_e red

$LCH^*_e = 47.6 \ 73.4 \ 25.4$
 $LAB^*_e = 47.6 \ 66.3 \ 31.6$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.131$

M_e blue-red

$LCH^*_e = 34.9 \ 58.6 \ 328.6$
 $LAB^*_e = 34.9 \ 50.0 \ -30.5$
 $rgb^*_{de} = 0.42 \ 0.0 \ 1.0$

Y_s yellow

$LCH^*_s = 82.9 \ 81.0 \ 90.0$
 $LAB^*_s = 82.9 \ 0.0 \ 81.0$
 $rgb^*_{ds} = 1.0 \ 0.812 \ 0.0$

G_s green

$LCH^*_s = 56.4 \ 65.7 \ 150.0$
 $LAB^*_s = 56.4 \ -56.9 \ 32.8$
 $rgb^*_{ds} = 0.117 \ 1.0 \ 0.0$

R_s red

$LCH^*_s = 47.5 \ 75.8 \ 30.0$
 $LAB^*_s = 47.5 \ 65.6 \ 37.9$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.01$

C_s blue-green

$LCH^*_s = 55.5 \ 52.6 \ 210.0$
 $LAB^*_s = 55.5 \ -45.6 \ -26.3$
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.63$

M_s blue-red

$LCH^*_s = 35.6 \ 59.1 \ 330.0$
 $LAB^*_s = 35.6 \ 51.2 \ -29.5$
 $rgb^*_{ds} = 0.443 \ 0.0 \ 1.0$

B_s blue

$LCH^*_s = 37.5 \ 46.4 \ 270.0$
 $LAB^*_s = 37.5 \ 0.0 \ -46.4$
 $rgb^*_{ds} = 0.0 \ 0.38 \ 1.0$

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

1. For the rgb^*_e -input values the CIELAB data LCH^*_e and LAB^*_e have been calculated.

2. For the calculation of the standard hue angle $h_{ab,s}$ use for any device values rgb^*_e the equation:

$$h_{ab,s} = \text{atan} [r^*_d \cos(30) + g^*_d \cos(150)] / [r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270)] \quad (1)$$

3. 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 : $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$ ($i=0,6$) and the equations for a 48 and 360 step hue circle:

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

$$h_{360ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$

4. 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 : $h_{ab,ei} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$ ($i=0,6$) and the equations for a 48 and 360 step elementary hue circle:

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

$$h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$

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.

6. The values rgb^*_{de} produce the output of the device-independent elementary hues

1-113630-L0

SE150-73

LAB*la0, YN=0%, XYZnw=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB*nw=18.5, 0.0, 0.0, 96.4, 0.0, 0.0

Output: Offset standard print; separation cmy6*, D65, page 7/33

TUB-test chart SE15; 1080 colours, offset standard paper

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

48 step hue circles; $rgb-LabCh^*$ tables, 3D=1, de=1, $cmyk^*$ output: 3D-linearization to $cmyk^*_{de}$

1-113630-F0

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE15/SE15L0FP.PDF /PS
application for measurement of offset print output, separation cmy6* (CMYK)
TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmykn6*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM₆: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours RYGBM_d: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; 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}	$LAB^*_{ddx64M}(x=LabCh)$	$rgb^*_{ddx361M}$	$LAB^*_{ddx361M}(x=LabCh)$	$rgb^*_{dsx361M}$	$LAB^*_{dsx361M}(x=LabCh)$	$rgb^*_{dex361M}$	$LAB^*_{dex361M}$	rgb^*_{de}								
30.4	30.0	25.4	1.0	0.0	0.0	47.5	65.5	38.5	76.1	30	1.0	0.0	0.0	0.131	47.7	66.3	31.6	73.5	25
37.2	37.5	33.8	1.0	0.125	0.0	51.5	56.6	43.1	71.2	37.2	1.0	0.117	0.0	0.0	51.3	57.3	42.9	71.6	36
47.2	45.0	42.1	1.0	0.25	0.0	56.6	45.8	49.4	67.4	47.2	1.0	0.25	0.0	0.0	56.6	45.8	49.5	67.4	47
58.6	52.5	50.5	1.0	0.375	0.0	62.3	34.4	56.4	66.1	58.6	1.0	0.367	0.0	0.0	62.0	35.2	56.1	66.2	57
69.1	60.0	58.8	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1	1.0	0.5	0.0	0.0	68.1	24.0	63.0	67.5	69
80.3	67.5	67.2	1.0	0.625	0.0	74.9	12.1	71.5	72.5	80.3	1.0	0.617	0.0	0.0	74.5	13.1	71.1	72.2	79
87.4	75.0	75.6	1.0	0.75	0.0	80.5	3.4	78.0	78.1	87.4	1.0	0.75	0.0	0.0	80.6	3.5	78.1	78.1	87
92.5	82.5	83.9	1.0	0.875	0.0	85.4	-3.7	84.0	84.0	92.5	1.0	0.867	0.0	0.0	85.1	-3.2	83.6	83.7	92
96.0	90.0	92.3	1.0	1.0	0.0	89.4	-9.5	89.0	89.6	96.0	1.0	1.0	0.0	0.0	89.4	-9.4	89.1	89.6	96
99.5	97.5	101.0	0.875	1.0	0.0	86.7	-13.9	82.7	83.8	99.5	0.883	1.0	0.0	0.0	86.9	-13.6	83.1	84.3	99
102.9	105.0	109.7	0.75	1.0	0.0	83.7	-17.7	77.1	79.2	102.9	0.75	1.0	0.0	0.0	83.7	-17.7	77.2	79.2	102
107.9	112.5	118.5	0.625	1.0	0.0	77.9	-23.1	71.3	75.0	107.9	0.633	1.0	0.0	0.0	78.4	-22.7	71.7	75.3	107
116.4	120.0	127.2	0.5	1.0	0.0	73.1	-30.2	60.8	67.9	116.4	0.5	1.0	0.0	0.0	73.2	-30.1	60.8	67.9	116
124.5	127.5	136.0	0.375	1.0	0.0	68.8	-36.5	53.0	64.4	124.5	0.383	1.0	0.0	0.0	69.1	-36.1	53.6	64.6	124
138.2	135.0	144.7	0.25	1.0	0.0	60.8	-47.5	42.4	63.7	138.2	0.25	1.0	0.0	0.0	60.9	-47.4	42.4	63.7	138
149.2	142.5	153.4	0.125	1.0	0.0	56.7	-56.1	33.3	65.2	149.2	0.133	1.0	0.0	0.0	57.0	-55.5	34.0	65.2	148
161.6	150.0	162.2	0.0	1.0	0.0	51.6	-69.3	23.0	73.1	161.6	0.0	1.0	0.0	0.0	51.7	-69.3	23.1	73.1	161
168.3	157.5	169.0	0.0	1.0	0.125	52.3	-66.1	13.6	67.5	168.3	0.0	1.0	0.117	52.3	-66.3	14.3	67.9	167	
176.2	165.0	175.9	0.0	1.0	0.25	53.0	-61.8	4.0	61.9	176.2	0.0	1.0	0.25	53.0	-61.8	4.0	62.0	176	
186.9	172.5	182.7	0.0	1.0	0.375	53.8	-56.5	-6.8	56.9	186.9	0.0	1.0	0.367	53.8	-56.9	-6.1	57.3	186	
198.8	180.0	189.6	0.0	1.0	0.5	54.6	-50.8	-17.3	53.7	198.8	0.0	1.0	0.5	54.7	-50.8	-17.2	53.7	198	
209.5	187.5	196.4	0.0	1.0	0.625	55.4	-45.8	-25.9	52.6	209.5	0.0	1.0	0.617	55.4	-46.1	-25.3	52.7	208	
220.1	195.0	203.2	0.0	1.0	0.75	56.6	-40.0	-33.7	52.4	220.1	0.0	1.0	0.75	56.7	-40.0	-33.7	52.4	220	
227.6	202.5	210.1	0.0	1.0	0.875	57.2	-36.1	-39.6	53.6	227.6	0.0	1.0	0.867	57.3	-36.3	-39.2	53.6	227	
234.6	210.0	216.9	0.0	1.0	1.0	57.8	-31.9	-45.1	55.3	234.6	0.0	1.0	1.0	57.9	-31.9	-45.0	55.3	234	
238.7	217.5	223.8	0.0	0.875	1.0	54.9	-27.5	-45.3	53.0	238.7	0.0	0.883	1.0	55.1	-27.8	-45.3	53.2	238	
244.0	225.0	230.6	0.0	0.75	1.0	51.3	-22.1	-45.6	50.7	244.0	0.0	0.75	1.0	51.3	-22.1	-45.5	50.7	244	
250.7	232.5	237.5	0.0	0.625	1.0	47.2	-16.0	-45.9	48.7	250.7	0.0	0.633	1.0	47.5	-16.3	-45.9	48.8	250	
260.4	240.0	244.3	0.0	0.5	1.0	42.3	-7.7	-46.3	46.9	260.4	0.0	0.5	1.0	42.4	-7.7	-46.2	47.0	260	
270.4	247.5	251.2	0.0	0.375	1.0	37.3	0.3	-46.4	46.4	270.4	0.0	0.383	1.0	37.7	-0.1	-46.4	46.5	269	
280.2	255.0	258.0	0.0	0.25	1.0	32.7	8.5	-47.0	47.8	280.2	0.0	0.25	1.0	32.8	8.5	-47.0	47.8	280	
289.3	262.5	264.8	0.0	0.125	1.0	28.1	16.7	-47.6	50.4	289.3	0.0	0.133	1.0	28.4	16.2	-47.5	50.3	288	
295.6	270.0	271.7	0.0	0.0	1.0	24.9	22.9	-47.8	53.0	295.6	0.0	0.0	1.0	25.0	23.0	-47.7	53.1	295	
305.9	277.5	278.8	0.125	0.0	1.0	27.8	31.4	-43.4	53.6	305.9	0.117	0.0	1.0	27.7	30.9	-43.7	53.6	305	
311.7	285.0	285.9	0.25	0.0	1.0	29.9	36.0	-40.4	54.1	311.7	0.25	0.0	1.0	30.0	36.1	-40.3	54.2	311	
325.9	292.5	293.0	0.375	0.0	1.0	33.7	47.7	-32.2	57.5	325.9	0.367	0.0	1.0	33.5	47.0	-32.8	57.4	325	
333.2	300.0	300.1	0.5	0.0	1.0	37.0	53.9	-27.1	60.4	333.2	0.5	0.0	1.0	37.1	54.0	-27.1	60.4	333	
339.6	307.5	307.2	0.625	0.0	1.0	40.2	59.7	-22.1	63.7	339.6	0.617	0.0	1.0	40.0	59.4	-22.4	63.5	339	
346.7	315.0	314.3	0.75	0.0	1.0	43.3	66.7	-15.7	68.5	346.7	0.75	0.0	1.0	43.3	66.8	-15.6	68.6	346	
350.3	322.5	321.4	0.875	0.0	1.0	45.9	70.7	-12.0	71.7	350.3	0.867	0.0	1.0	45.8	70.5	-12.2	71.5	350	
353.2	330.0	328.6	1.0	0.0	1.0	48.2	74.2	-8.7	74.7	353.2	1.0	0.0	1.0	48.2	74.2	-8.7	74.7	353	
356.1	337.5	335.7	1.0	0.0	0.875	48.2	73.1	-4.9	73.3	356.1	1.0	0.0	0.883	48.2	73.2	-5.1	73.4	355	
359.3	345.0	342.8	1.0	0.0	0.75	48.1	72.1	-0.7	72.1	359.3	1.0	0.0	0.75	48.1	72.1	-0.7	72.1	359	
364.0	352.5	349.9	1.0	0.0	0.625	48.0	70.7	4.9	70.9	364.0	1.0	0.0	0.633	48.1	70.9	4.6	71.0	363	
369.2	360.0	357.0	1.0	0.0	0.5	47.8	69.7	11.3	70.6	369.2	1.0	0.0	0.5	47.8	69.7	11.4	70.6	369	
375.0	367.5	364.1	1.0	0.0	0.375	47.8	68.2	18.3	70.6	375.0	1.0	0.0	0.383	47.9	68.4	17.9	70.6	374	
380.8	375.0	371.2	1.0	0.0	0.25	47.8	67.0	25.4	71.7	380.8	1.0	0.0	0.25	47.8	67.0	25.5	71.7	380	
385.7	382.5	378.3	1.0	0.0	0.125	47.6	66.2	31.9	73.5	385.7	1.0	0.0	0.133	47.7	66.4	31.5	73.5	385	
390.4	390.0	385.4	1.0	0.0	0.0	47.5	65.5	38.4	76.0	390.4	1.0	0.0	0.0	47.5	65.6	38.5	76.1	390	

1-113730-L0

SE150-73

LAB*la0, YN=0%, XYZnw=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB*lw=18.5, 0.0, 0.0, 96.4, 0.0, 0.0

Output: Offset standard print; separation cmykn6*, D65, page 8/33

TUB-test chart SE15; 1080 colours, offset standard paper

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

48 step hue circles; $rgb-LabCh^*$ tables, 3D=1, $de=1$, $cmyk^*$ output: 3D-linearization to $cmyk^*_{de}$

1-113730-F0

TUB registration: 20130201-SE15/SE15LOFP.PDF /.PS
application for measurement of offset print output, separation cmykn6* (CMYK)

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmy6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; 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}			$LAB^*_{ddx64M} (x=LabCh)$						$rgb^*_{dex361M}$					$LAB^*_{dex361M}$					rgb^*_{dd}			rgb^*_{ds}	rgb^*_{de}
30.4	30.0	25.4	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4	30.4	1.0	0.0	0.131	47.7	66.3	31.6	73.5	25							
37.2	37.5	33.8	1.0	0.125	0.0	51.5	56.6	43.1	71.2	37.2	37.2	1.0	0.052	0.0	49.2	61.9	40.6	74.0	33							
47.2	45.0	42.1	1.0	0.25	0.0	56.6	45.8	49.4	67.4	47.2	47.2	1.0	0.187	0.0	54.1	51.4	46.6	69.4	42							
58.6	52.5	50.5	1.0	0.375	0.0	62.3	34.4	56.4	66.1	58.6	58.6	1.0	0.28	0.0	58.0	43.2	51.4	67.1	49							
69.1	60.0	58.8	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1	69.1	1.0	0.378	0.0	62.5	34.2	56.6	66.1	58							
80.3	67.5	67.2	1.0	0.625	0.0	74.9	12.1	71.5	72.5	80.3	80.3	1.0	0.471	0.0	66.8	26.6	61.7	67.1	66							
87.4	75.0	75.6	1.0	0.75	0.0	80.5	3.4	78.0	78.1	87.4	87.4	1.0	0.572	0.0	72.1	17.5	68.2	70.4	75							
92.5	82.5	83.9	1.0	0.875	0.0	85.4	-3.7	84.0	84.0	92.5	92.5	1.0	0.679	0.0	77.4	8.6	74.5	75.0	83							
96.0	90.0	92.3	1.0	1.0	0.0	89.4	-9.5	89.0	89.6	96.0	96.0	1.0	0.868	0.0	85.2	-3.3	83.7	83.8	92							
99.5	97.5	101.0	0.875	1.0	0.0	86.7	-13.9	82.7	83.8	99.5	99.5	0.842	1.0	0.0	85.9	-14.9	81.3	82.6	100							
102.9	105.0	109.7	0.75	1.0	0.0	83.7	-17.7	77.1	79.2	102.9	102.9	0.598	1.0	0.0	77.0	-24.8	69.2	73.5	109							
107.9	112.5	118.5	0.625	1.0	0.0	77.9	-23.1	71.3	75.0	107.9	107.9	0.477	1.0	0.0	72.4	-31.4	59.4	67.3	117							
116.4	120.0	127.2	0.5	1.0	0.0	73.1	-30.2	60.8	67.9	116.4	116.4	0.35	1.0	0.0	67.3	-38.8	51.1	64.3	127							
124.5	127.5	136.0	0.375	1.0	0.0	68.8	-36.5	53.0	64.4	124.5	124.5	0.276	1.0	0.0	62.5	-45.4	44.8	63.9	135							
138.2	135.0	144.7	0.25	1.0	0.0	60.8	-47.5	42.4	63.7	138.2	138.2	0.176	1.0	0.0	58.4	-52.7	37.3	64.6	144							
149.2	142.5	153.4	0.125	1.0	0.0	56.7	-56.1	33.3	65.2	149.2	149.2	0.088	1.0	0.0	55.2	-60.1	30.8	67.6	152							
161.6	150.0	162.2	0.0	1.0	0.0	51.6	-69.3	23.0	73.1	161.6	161.6	0.0	1.0	0.011	51.7	-69.0	22.2	72.6	162							
168.3	157.5	169.0	0.0	1.0	0.125	52.3	-66.1	13.6	67.5	168.3	168.3	0.0	1.0	0.129	52.4	-65.9	13.3	67.3	168							
176.2	165.0	175.9	0.0	1.0	0.25	53.0	-61.8	4.0	61.9	176.2	176.2	0.0	1.0	0.244	53.0	-62.0	4.4	62.2	175							
186.9	172.5	182.7	0.0	1.0	0.375	53.8	-56.5	-6.8	56.9	186.9	186.9	0.0	1.0	0.321	53.5	-59.0	-2.3	59.1	182							
198.8	180.0	189.6	0.0	1.0	0.5	54.6	-50.8	-17.3	53.7	198.8	198.8	0.0	1.0	0.403	54.0	-55.4	-9.3	56.2	189							
209.5	187.5	196.4	0.0	1.0	0.625	55.4	-45.8	-25.9	52.6	209.5	209.5	0.0	1.0	0.47	54.5	-52.3	-14.9	54.5	195							
220.1	195.0	203.2	0.0	1.0	0.75	56.6	-40.0	-33.7	52.4	220.1	220.1	0.0	1.0	0.552	55.0	-48.9	-21.0	53.3	203							
227.6	202.5	210.1	0.0	1.0	0.875	57.2	-36.1	-39.6	53.6	227.6	227.6	0.0	1.0	0.627	55.5	-45.7	-26.0	52.7	209							
234.6	210.0	216.9	0.0	1.0	1.0	57.8	-31.9	-45.1	55.3	234.6	234.6	0.0	1.0	0.713	56.3	-41.8	-31.5	52.5	216							
238.7	217.5	223.8	0.0	0.875	1.0	54.9	-27.5	-45.3	53.0	238.7	238.7	0.0	1.0	0.804	56.9	-38.4	-36.3	52.9	223							
244.0	225.0	230.6	0.0	0.75	1.0	51.3	-22.1	-45.6	50.7	244.0	244.0	0.0	1.0	0.929	57.5	-34.4	-41.9	54.4	230							
250.7	232.5	237.5	0.0	0.625	1.0	47.2	-16.0	-45.9	48.7	250.7	250.7	0.0	0.927	1.0	56.1	-29.3	-45.2	54.0	237							
260.4	240.0	244.3	0.0	0.5	1.0	42.3	-7.7	-46.3	46.9	260.4	260.4	0.0	0.745	1.0	51.2	-21.8	-45.6	50.6	244							
270.4	247.5	251.2	0.0	0.375	1.0	37.3	0.3	-46.4	46.4	270.4	270.4	0.0	0.625	1.0	47.3	-16.0	-45.9	48.7	250							
280.2	255.0	258.0	0.0	0.25	1.0	32.7	8.5	-47.0	47.8	280.2	280.2	0.0	0.531	1.0	43.6	-9.7	-46.3	47.4	258							
289.3	262.5	264.8	0.0	0.125	1.0	28.1	16.7	-47.6	50.4	289.3	289.3	0.0	0.45	1.0	40.3	-4.4	-46.5	46.8	264							
295.6	270.0	271.7	0.0	0.0	1.0	24.9	22.9	-47.8	53.0	295.6	295.6	0.0	0.358	1.0	36.7	1.4	-46.5	46.7	271							
305.9	277.5	278.8	0.125	0.0	1.0	27.8	31.4	-43.4	53.6	305.9	305.9	0.0	0.274	1.0	33.7	6.9	-47.0	47.6	278							
311.7	285.0	285.9	0.25	0.0	1.0	29.9	36.0	-40.4	54.1	311.7	311.7	0.0	0.172	1.0	29.9	13.6	-47.5	49.5	285							
325.9	292.5	293.0	0.375	0.0	1.0	33.7	47.7	-32.2	57.5	325.9	325.9	0.0	0.061	1.0	26.5	19.9	-47.7	51.8	292							
333.2	300.0	300.1	0.5	0.0	1.0	37.0	53.9	-27.1	60.4	333.2	333.2	0.055	0.0	1.0	26.3	26.8	-46.0	53.3	300							
339.6	307.5	307.2	0.625	0.0	1.0	40.2	59.7	-22.1	63.7	339.6	339.6	0.144	0.0	1.0	28.2	32.2	-42.9	53.7	306							
346.7	315.0	314.3	0.75	0.0	1.0	43.3	66.7	-15.7	68.5	346.7	346.7	0.273	0.0	1.0	30.7	38.3	-39.1	54.8	314							
350.3	322.5	321.4	0.875	0.0	1.0	45.9	70.7	-12.0	71.7	350.3	350.3	0.332	0.0	1.0	32.5	43.9	-35.4	56.4	321							
353.2	330.0	328.6	1.0	0.0	1.0	48.2	74.2	-8.7	74.7	353.2	353.2	0.42	0.0	1.0	35.0	50.0	-30.4	58.6	328							
356.1	337.5	335.7	1.0	0.0	0.875	48.2	73.1	-4.9	73.3	356.1	356.1	0.538	0.0	1.0	38.1	55.8	-25.6	61.4	335							
359.3	345.0	342.8	1.0	0.0	0.75	48.1	72.1	-0.7	72.1	359.3	359.3	0.681	0.0	1.0	41.6	63.0	-19.4	65.9	342							
364.0	352.5	349.9	1.0	0.0	0.625	48.0	70.7	4.9	70.9	364.0	364.0	0.844	0.0	1.0	45.3	69.7	-12.9	70.9	349							
369.2	360.0	357.0	1.0	0.0	0.5	47.8	69.7	11.3	70.6	369.2	369.2	0.949	0.0	1.0	47.3	72.8	-10.1	73.5	352							
375.0	367.5	364.1	1.0	0.0	0.375	47.8	68.2	18.3	70.6	375.0	375.0	1.0	0.0	0.737	48.1	72.0	-0.1	72.0	359							
380.8	375.0	371.2	1.0	0.0	0.25	47.8	67.0	25.4	71.7	380.8	380.8	1.0	0.0	0.512	47.9	69.8	10.8	70.7	368							
385.7	382.5	378.3	1.0	0.0	0.125	47.6	66.2	31.9	73.5	385.7	385.7	1.0	0.0	0.342	47.9	68.0	20.2	70.9	376							
390.4	390.0	385.4	1.0	0.0	0.0	47.5	65.5	38.4	76.0	390.4	390.4	1.0	0.0	0.131	47.7	66.3	31.6	73.5	385							

TUB registration: 20130201-SE15/SE15L0FP.PDF /.PS
application for measurement of offset print output, separationcmy6* (CMYK)

TUB material: code=rh4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmycn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_c$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; Six hue angles of the elementary colours $RYGCBM_c$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{ddx361Mi} (x=LabCh)$	R_d	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	R_s	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi} (x=LabCh)$	R_e	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
30	30	25	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30	1.0	0.0	0.0	0.0	0.0
31	31	26	1.0	0.016	0.0	48.0	64.4	39.2	75.4	31	1.0	0.017	0.0		
32	32	27	1.0	0.033	0.0	48.5	63.2	39.8	74.7	32	1.0	0.033	0.0		
33	33	28	1.0	0.05	0.0	49.1	62.0	40.5	74.1	33	1.0	0.05	0.0		
34	34	29	1.0	0.066	0.0	49.6	60.8	41.1	73.4	34	1.0	0.067	0.0		
34	35	31	1.0	0.083	0.0	50.2	59.6	41.7	72.8	34	1.0	0.083	0.0		
35	36	32	1.0	0.1	0.0	50.7	58.4	42.3	72.1	35	1.0	0.1	0.0		
36	37	33	1.0	0.116	0.0	51.2	57.2	42.8	71.5	36	1.0	0.117	0.0		
37	38	34	1.0	0.133	0.0	51.8	55.9	43.6	70.9	37	1.0	0.133	0.0		
39	39	35	1.0	0.15	0.0	52.5	54.5	44.5	70.4	39	1.0	0.15	0.0		
40	40	36	1.0	0.166	0.0	53.2	53.1	45.5	69.9	40	1.0	0.167	0.0		
41	41	37	1.0	0.183	0.0	53.9	51.7	46.3	69.4	41	1.0	0.183	0.0		
43	42	38	1.0	0.2	0.0	54.5	50.2	47.2	68.9	43	1.0	0.2	0.0		
44	43	39	1.0	0.216	0.0	55.2	48.7	48.0	68.4	44	1.0	0.217	0.0		
45	44	41	1.0	0.233	0.0	55.9	47.3	48.7	67.9	45	1.0	0.233	0.0		
47	45	42	1.0	0.25	0.0	56.6	45.8	49.4	67.4	47	1.0	0.25	0.0		
48	46	43	1.0	0.266	0.0	57.3	44.3	50.5	67.2	48	1.0	0.267	0.0		
50	47	44	1.0	0.283	0.0	58.1	42.8	51.5	67.0	50	1.0	0.283	0.0		
51	48	45	1.0	0.3	0.0	58.9	41.4	52.5	66.9	51	1.0	0.3	0.0		
53	49	46	1.0	0.316	0.0	59.6	39.8	53.5	66.7	53	1.0	0.317	0.0		
54	50	47	1.0	0.333	0.0	60.4	38.3	54.3	66.5	54	1.0	0.333	0.0		
56	51	48	1.0	0.35	0.0	61.2	36.7	55.2	66.3	56	1.0	0.35	0.0		
57	52	49	1.0	0.366	0.0	62.0	35.2	56.0	66.2	57	1.0	0.367	0.0		
59	53	51	1.0	0.383	0.0	62.7	33.7	56.9	66.2	59	1.0	0.383	0.0		
60	54	52	1.0	0.4	0.0	63.5	32.4	57.9	66.3	60	1.0	0.4	0.0		
62	55	53	1.0	0.416	0.0	64.2	31.1	58.8	66.5	62	1.0	0.417	0.0		
63	56	54	1.0	0.433	0.0	65.0	29.7	59.7	66.7	63	1.0	0.433	0.0		
64	57	55	1.0	0.45	0.0	65.8	28.3	60.6	66.9	64	1.0	0.45	0.0		
66	58	56	1.0	0.466	0.0	66.5	26.9	61.4	67.0	66	1.0	0.467	0.0		
67	59	57	1.0	0.483	0.0	67.3	25.4	62.2	67.2	67	1.0	0.483	0.0		
69	60	58	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69	1.0	0.5	0.0		
70	61	60	1.0	0.516	0.0	69.0	22.5	64.2	68.1	70	1.0	0.517	0.0		
72	62	61	1.0	0.533	0.0	69.9	21.1	65.5	68.8	72	1.0	0.533	0.0		
73	63	62	1.0	0.55	0.0	70.8	19.6	66.6	69.5	73	1.0	0.55	0.0		
75	64	63	1.0	0.566	0.0	71.7	18.0	67.8	70.1	75	1.0	0.567	0.0		
76	65	64	1.0	0.583	0.0	72.6	16.4	68.9	70.8	76	1.0	0.583	0.0		
78	66	65	1.0	0.6	0.0	73.6	14.7	70.0	71.5	78	1.0	0.6	0.0		
79	67	66	1.0	0.616	0.0	74.5	13.0	71.0	72.2	79	1.0	0.617	0.0		
80	68	67	1.0	0.633	0.0	75.3	11.6	72.0	72.9	80	1.0	0.633	0.0		
81	69	68	1.0	0.65	0.0	76.0	10.5	72.9	73.6	81	1.0	0.65	0.0		
82	70	70	1.0	0.666	0.0	76.8	9.4	73.8	74.4	82	1.0	0.667	0.0		
83	71	71	1.0	0.683	0.0	77.5	8.3	74.7	75.1	83	1.0	0.683	0.0		
84	72	72	1.0	0.7	0.0	78.3	7.1	75.5	75.9	84	1.0	0.7	0.0		
85	73	73	1.0	0.716	0.0	79.0	5.9	76.4	76.6	85	1.0	0.717	0.0		
86	74	74	1.0	0.733	0.0	79.8	4.7	77.2	77.3	86	1.0	0.733	0.0		
87	75	75	1.0	0.75	0.0	80.5	3.4	78.0	78.1	87	1.0	0.75	0.0		

1-113930-L0 SE150-73 LAB*la0, YN=0%, XYZnw=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB*nmw=18.5, 0.0, 0.0, 96.4, 0.0, 0.0

Output: Offset standard print; separation cmycn6*, D65, page 10/33

TUB-test chart SE15; 1080 colours, offset standard paper input: $rgb/cmyk \rightarrow rgb_{de}$
48 step hue circles; $rgb-LabCh^*$ tables, 3D=1, $de=1$, $cmyk^*$ output: 3D-linearization to $cmyk^*_{de}$

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE15/SE15L0FP.PDF /.PS
application for measurement of offset print output, separation cmycn6* (CMYK)
TUB material: code=rha4ta

Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; 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)	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	$rgb^*_{ds361Mi}$	$rgb^*_{de361Mi}$	
87	75	75	1.0	0.75	0.0	80.5	3.4	78.0	78.1	87	1.0	0.75	0.0	
88	76	76	1.0	0.766	0.0	81.2	2.5	78.8	78.9	88	1.0	0.766	0.0	
88	77	77	1.0	0.783	0.0	81.8	1.6	79.7	79.7	88	1.0	0.783	0.0	
89	78	78	1.0	0.8	0.0	82.4	0.6	80.5	80.5	89	1.0	0.8	0.0	
90	79	80	1.0	0.816	0.0	83.1	-0.2	81.3	81.3	90	1.0	0.816	0.0	
90	80	81	1.0	0.833	0.0	83.7	-1.2	82.0	82.1	90	1.0	0.833	0.0	
91	81	82	1.0	0.85	0.0	84.4	-2.2	82.8	82.8	91	1.0	0.85	0.0	
92	82	83	1.0	0.866	0.0	85.0	-3.2	83.6	83.6	92	1.0	0.866	0.0	
92	83	84	1.0	0.883	0.0	85.6	-4.1	84.3	84.4	92	1.0	0.883	0.0	
93	84	85	1.0	0.9	0.0	86.2	-4.8	85.0	85.1	93	1.0	0.9	0.0	
93	85	86	1.0	0.916	0.0	86.7	-5.6	85.7	85.9	93	1.0	0.916	0.0	
94	86	87	1.0	0.933	0.0	87.2	-6.3	86.4	86.6	94	1.0	0.933	0.0	
94	87	88	1.0	0.95	0.0	87.8	-7.1	87.1	87.3	94	1.0	0.95	0.0	
95	88	90	1.0	0.966	0.0	88.3	-7.9	87.7	88.1	95	1.0	0.966	0.0	
95	89	91	1.0	0.983	0.0	88.8	-8.7	88.4	88.8	95	1.0	0.983	0.0	
96	90	92	1.0	1.0	0.0	89.4	-9.5	89.0	89.6	96	1.0	1.0	0.0	
96	91	93	0.983	1.0	0.0	89.0	-10.1	88.2	88.8	96	1.0	0.983	1.0	0.0
97	92	94	0.966	1.0	0.0	88.6	-10.7	87.4	88.0	97	1.0	0.966	1.0	0.0
97	93	95	0.95	1.0	0.0	88.3	-11.3	86.5	87.3	97	1.0	0.95	1.0	0.0
97	94	96	0.933	1.0	0.0	87.9	-11.9	85.7	86.5	97	1.0	0.933	1.0	0.0
98	95	98	0.916	1.0	0.0	87.6	-12.5	84.8	85.7	98	1.0	0.916	1.0	0.0
98	96	99	0.9	1.0	0.0	87.2	-13.0	84.0	85.0	98	1.0	0.9	1.0	0.0
99	97	100	0.883	1.0	0.0	86.9	-13.6	83.1	84.2	99	1.0	0.883	1.0	0.0
99	98	101	0.866	1.0	0.0	86.5	-14.2	82.3	83.5	99	1.0	0.866	1.0	0.0
100	99	102	0.85	1.0	0.0	86.1	-14.7	81.6	82.9	100	1.0	0.85	1.0	0.0
100	100	103	0.833	1.0	0.0	85.7	-15.2	80.8	82.3	100	1.0	0.833	1.0	0.0
101	101	105	0.816	1.0	0.0	85.3	-15.8	80.1	81.6	101	1.0	0.816	1.0	0.0
101	102	106	0.8	1.0	0.0	84.9	-16.3	79.4	81.0	101	1.0	0.8	1.0	0.0
102	103	107	0.783	1.0	0.0	84.5	-16.8	78.6	80.4	102	1.0	0.783	1.0	0.0
102	104	108	0.766	1.0	0.0	84.1	-17.3	77.9	79.8	102	1.0	0.766	1.0	0.

Output: Offset standard print; separation cmyn6*, D65, page 11/33

see similar files: <http://130.149.60.45/~farbmeterik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

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

Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; Six hue angles of the elementary colours $RYGCBM_c$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}		$LAB^*_{dd361Mi}(x=LabCh)$		$rgb^*_{ds361Mi}$		$LAB^*_{dsx361Mi}(x=LabCh)$		$rgb^*_{dd361Mi}$		$rgb^*_{de361Mi}$		$LAB^*_{dex361Mi}(x=LabCh)$		$rgb^*_{dd361Mi}$		rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}			
116	120	127	0.5	1.0	0.0	73.1	-30.2	60.8	67.9	116	0.445	1.0	0.0	71.3	-33.1	57.5	66.4	120	0.5	1.0	0.0			
117	121	128	0.483	1.0	0.0	72.6	-31.1	59.8	67.4	117	0.43	1.0	0.0	70.8	-33.9	56.5	65.9	121	0.483	1.0	0.0			
118	122	129	0.466	1.0	0.0	72.0	-32.0	58.8	66.9	118	0.415	1.0	0.0	70.2	-34.6	55.6	65.5	122	0.467	1.0	0.0			
119	123	130	0.45	1.0	0.0	71.4	-32.9	57.7	66.5	119	0.399	1.0	0.0	69.7	-35.3	54.6	65.1	123	0.45	1.0	0.0			
120	124	131	0.433	1.0	0.0	70.8	-33.7	56.7	66.0	120	0.384	1.0	0.0	69.2	-36.1	53.6	64.7	124	0.433	1.0	0.0			
121	125	133	0.416	1.0	0.0	70.2	-34.6	55.6	65.5	121	0.371	1.0	0.0	68.6	-36.8	52.7	64.4	125	0.417	1.0	0.0			
122	126	134	0.4	1.0	0.0	69.7	-35.4	54.6	65.1	122	0.362	1.0	0.0	68.0	-37.7	52.0	64.3	126	0.4	1.0	0.0			
124	127	135	0.383	1.0	0.0	69.1	-36.1	53.5	64.6	124	0.353	1.0	0.0	67.4	-38.6	51.3	64.3	127	0.383	1.0	0.0			
125	128	136	0.366	1.0	0.0	68.3	-37.3	52.3	64.3	125	0.344	1.0	0.0	66.9	-39.4	50.6	64.2	128	0.367	1.0	0.0			
127	129	137	0.35	1.0	0.0	67.2	-38.9	51.1	64.2	127	0.335	1.0	0.0	66.3	-40.3	49.9	64.2	129	0.35	1.0	0.0			
129	130	138	0.333	1.0	0.0	66.1	-40.5	49.7	64.1	129	0.326	1.0	0.0	65.7	-41.1	49.1	64.1	130	0.333	1.0	0.0			
130	131	140	0.316	1.0	0.0	65.1	-42.0	48.3	64.0	130	0.316	1.0	0.0	65.1	-41.9	48.4	64.1	131	0.317	1.0	0.0			
132	132	141	0.3	1.0	0.0	64.0	-43.4	46.9	63.9	132	0.307	1.0	0.0	64.5	-42.7	47.6	64.0	132	0.3	1.0	0.0			
134	133	142	0.283	1.0	0.0	63.0	-44.8	45.4	63.8	134	0.298	1.0	0.0	63.9	-43.5	46.8	64.0	133	0.283	1.0	0.0			
136	134	143	0.266	1.0	0.0	61.9	-46.2	43.9	63.8	136	0.289	1.0	0.0	63.4	-44.3	46.0	63.9	134	0.267	1.0	0.0			
138	135	144	0.25	1.0	0.0	60.8	-47.5	42.4	63.7	138	0.28	1.0	0.0	62.8	-45.1	45.2	63.9	135	0.25	1.0	0.0			
139	136	145	0.233	1.0	0.0	60.3	-48.7	41.3	63.9	139	0.271	1.0	0.0	62.2	-45.8	44.3	63.8	136	0.233	1.0	0.0			
141	137	147	0.216	1.0	0.0	59.7	-49.9	40.1	64.1	141	0.262	1.0	0.0	61.6	-46.5	43.5	63.8	137	0.217	1.0	0.0			
142	138	148	0.2	1.0	0.0	59.2	-51.1	39.0	64.3	142	0.252	1.0	0.0	61.0	-47.3	42.6	63.7	138	0.2	1.0	0.0			
144	139	149	0.183	1.0	0.0	58.6	-52.3	37.8	64.5	144	0.242	1.0	0.0	60.6	-48.1	41.9	63.8	139	0.183	1.0	0.0			
145	140	150	0.166	1.0	0.0	58.1	-53.4	36.5	64.7	145	0.23	1.0	0.0	60.2	-48.9	41.1	64.0	140	0.167	1.0	0.0			
147	141	151	0.15	1.0	0.0	57.5	-54.5	35.3	64.9	147	0.219	1.0	0.0	59.8	-49.7	40.3	64.1	141	0.15	1.0	0.0			
148	142	152	0.133	1.0	0.0	57.0	-55.5	34.0	65.1	148	0.207	1.0	0.0	59.5	-50.5	39.6	64.2	142	0.133	1.0	0.0			
150	143	154	0.116	1.0	0.0	56.3	-57.0	32.8	65.8	150	0.196	1.0	0.0	59.1	-51.3	38.8	64.4	143	0.117	1.0	0.0			
151	144	155	0.1	1.0	0.0	55.7	-58.8	31.6	66.8	151	0.185	1.0	0.0	58.7	-52.1	37.9	64.5	144	0.1	1.0	0.0			
153	145	156	0.083	1.0	0.0	55.0	-60.6	30.4	67.8	153	0.173	1.0	0.0	58.3	-52.9	37.1	64.7	145	0.083	1.0	0.0			
155	146	157	0.066	1.0	0.0	54.3	-62.4	29.1	68.9	155	0.162	1.0	0.0	58.0	-53.6	36.2	64.8	146	0.067	1.0	0.0			
156	147	158	0.049	1.0	0.0	53.6	-64.2	27.7	69.9	156	0.151	1.0	0.0	57.6	-54.4	35.4	65.0	147	0.05	1.0	0.0			
158	148	159	0.033	1.0	0.0	53.0	-65.9	26.2	71.0	158	0.139	1.0	0.0	57.2	-55.1	34.5	65.1	148	0.033	1.0	0.0			
159	149	161	0.016	1.0	0.0	52.3	-67.7	24.6	72.0	159	0.128	1.0	0.0	56.8	-55.8	33.6	65.2	149	0.017	1.0	0.0			
161	150	162	0.0	1.0	0.0	51.6	-69.3	23.0	73.1	161	G_d 0.117	1.0	0.0	56.4	-56.8	32.9	65.8	$150G_s$ 0.0	1.0	0.0	0.0	0.0	1.0	0.0
162	151	163	0.0	1.0	0.016	51.7	-69.0	21.7	72.3	162	0.107	1.0	0.0	56.0	-58.0	32.2	66.4	151	0.0	1.0	0.017	0.0	1.0	0.017
163	152	164	0.0	1.0	0.033	51.8	-68.6	20.4	71.6	163	0.097	1.0	0.0	55.6	-59.1	31.5	67.0	152	0.0	1.0	0.033	0.0	1.0	0.033
164	153	164	0.0	1.0	0.05	51.9	-68.2	19.1	70.8	164	0.087	1.0	0.0	55.2	-60.2	30.7	67.7	153	0.0	1.0	0.05	0.0	1.0	0.05
165	154	165	0.0	1.0	0.066	52.0	-67.8	17.9	70.1	165	0.077	1.0	0.0	54.8	-61.3	29.9	68.3	154	0.0	1.0	0.067	0.0	1.0	0.067
166	155	166	0.0	1.0	0.083	52.1	-67.3	16.6	69.3	166	0.067	1.0	0.0	54.4	-62.4	29.1	68.9	155	0.0	1.0	0.083	0.0	1.0	0.083
166	156	167	0.0	1.0	0.1	52.2	-66.8	15.4	68.6	166	0.057	1.0	0.0	54.0	-63.4	28.3	69.6	156	0.0	1.0	0.1	0.0	1.0	0.1
167	157	168	0.0	1.0	0.116	52.3	-66.3	14.2	67.9	167	0.047	1.0	0.0	53.5	-64.5	27.4	70.2	157	0.0	1.0	0.117	0.0	1.0	0.117
168	158	169	0.0	1.0	0.133	52.4	-65.9	12.9	67.1	168	0.037	1.0	0.0	53.1	-65.6	26.5	70.8	158	0.0	1.0	0.133	0.0	1.0	0.133
169	159	170	0.0	1.0	0.15	52.5	-65.4	11.6	66.4	169	0.026	1.0	0.0	52.7	-66.6	25.6	71.5	159	0.0	1.0	0.15	0.0	1.0	0.15
170	160	171	0.0	1.0	0.166	52.5	-64.8	10.3	65.6	170	0.016	1.0	0.0	52.3	-67.6	24.7	72.1	160	0.0	1.0	0.167	0.0	1.0	0.167
172	161	172	0.0	1.0	0.183	52.6	-64.3	9.0	64.9	172	0.006	1.0	0.0	51.9	-68.7	23.7	72.7	161	0.0	1.0	0.183	0.0	1.0	0.183
173	162	173	0.0	1.0	0.2	52.7	-63.7	7.7	64.2	173	0.0	1.0	0.007	51.7	-69.1	22.5	72.8	162	0.0	1.0	0.2	0.0	1.0	0.2
174	163	174	0.0	1.0	0.216	52.8	-63.1	6.4	63.4	174	0.0	1.0	0.026	51.8	-68.7	21.0	72.0	163	0.0	1.0	0.217	0.0	1.0	0.217
175	164	175	0.0	1.0	0.233	52.9	-62.5	5.2	62.7	175	0.0	1.0	0.044	51.9	-68.3	19.6	71.1	164	0.0	1.0	0.233	0.0	1.0	0.233
176	165	175	0.0	1.0	0.25	53.0	-61.8	4.0	61.9	176	0.0	1.0	0.063	52.0	-67.8	18.2	70.3	165	0.0	1.0	0.25	0.0	1.0	0.25

see similar files: <http://130.149.60.45/~farbmeterik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, 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 $RYGCBM_d$: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

C _d										C _s										C _e										C _g									
Lab,d		h _{ab,s}		rgb*		dd361M		LAB*		d361MI (x=LabCh)		rgb*		ds361MI		LAB*		ds361MI (x=LabCh)		rgb*		dd361Mi		LAB*		dex361MI (x=LabCh)		rgb*		dd361Mi		rgb*		dd361Mi		rgb*		dd361Mi	
176	165	175	0.0	1.0	0.25	53.0	-61.8	4.0	61.9	176	0.0	1.0	0.063	52.0	-67.8	18.2	70.3	165	0.0	1.0	0.25	0.0	1.0	0.244	53.0	-62.0	4.4	62.2	175	0.0	1.0	0.25							
177	166	176	0.0	1.0	0.266	53.1	-61.2	2.4	61.3	177	0.0	1.0	0.082	52.1	-67.3	16.8	69.5	166	0.0	1.0	0.267	0.0	1.0	0.257	53.1	-61.5	3.4	61.7	176	0.0	1.0	0.267							
179	167	177	0.0	1.0	0.283	53.2	-60.6	0.9	60.6	179	0.0	1.0	0.1	52.2	-66.8	15.4	68.6	167	0.0	1.0	0.283	0.0	1.0	0.267	53.2	-61.2	2.4	61.3	177	0.0	1.0	0.283							
180	168	178	0.0	1.0	0.3	53.3	-59.9	-0.5	59.9	180	0.0	1.0	0.119	52.3	-66.2	14.1	67.8	168	0.0	1.0	0.3	0.0	1.0	0.278	53.2	-60.8	1.4	60.9	178	0.0	1.0	0.3							
181	169	179	0.0	1.0	0.316	53.4	-59.2	-2.0	59.3	181	0.0	1.0	0.136	52.4	-65.7	12.8	67.1	169	0.0	1.0	0.317	0.0	1.0	0.289	53.3	-60.3	0.5	60.4	179	0.0	1.0	0.317							
183	170	180	0.0	1.0	0.333	53.5	-58.5	-3.4	58.6	183	0.0	1.0	0.151	52.5	-65.3	11.5	66.4	170	0.0	1.0	0.333	0.0	1.0	0.299	53.4	-59.9	-0.4	60.0	180	0.0	1.0	0.333							
184	171	181	0.0	1.0	0.35	53.7	-57.7	-4.8	57.9	184	0.0	1.0	0.167	52.6	-64.8	10.3	65.7	171	0.0	1.0	0.35	0.0	1.0	0.31	53.4	-59.5	-1.3	59.6	181	0.0	1.0	0.35							
186	172	182	0.0	1.0	0.366	53.8	-56.9	-6.1	57.3	186	0.0	1.0	0.183	52.7	-64.2	9.0	65.0	172	0.0	1.0	0.367	0.0	1.0	0.321	53.5	-59.0	-2.3	59.1	182	0.0	1.0	0.367							
187	173	183	0.0	1.0	0.383	53.9	-56.2	-7.6	56.7	187	0.0	1.0	0.199	52.8	-63.7	7.8	64.3	173	0.0	1.0	0.383	0.0	1.0	0.332	53.6	-58.5	-3.2	58.7	183	0.0	1.0	0.383							
189	174	184	0.0	1.0	0.4	54.0	-55.5	-9.0	56.3	189	0.0	1.0	0.214	52.9	-63.1	6.6	63.6	174	0.0	1.0	0.4	0.0	1.0	0.342	53.7	-58.0	-4.1	58.3	184	0.0	1.0	0.4							
190	175	185	0.0	1.0	0.416	54.1	-54.8	-10.5	55.8	190	0.0	1.0	0.23	52.9	-62.5	5.5	62.9	175	0.0	1.0	0.417	0.0	1.0	0.353	53.7	-57.5	-5.0	57.9	185	0.0	1.0	0.417							
192	176	185	0.0	1.0	0.433	54.2	-54.1	-11.9	55.4	192	0.0	1.0	0.246	53.0	-61.9	4.3	62.2	176	0.0	1.0	0.433	0.0	1.0	0.364	53.8	-57.0	-5.9	57.4	185	0.0	1.0	0.433							
194	177	186	0.0	1.0	0.45	54.3	-53.3	-13.3	55.0	194	0.0	1.0	0.259	53.1	-61.5	3.2	61.6	177	0.0	1.0	0.45	0.0	1.0	0.374	53.9	-56.5	-6.7	57.0	186	0.0	1.0	0.45							
195	178	187	0.0	1.0	0.466	54.4	-52.5	-14.7	54.6	195	0.0	1.0	0.27	53.2	-61.0	2.1	61.2	178	0.0	1.0	0.467	0.0	1.0	0.384	53.9	-56.1	-7.6	56.7	187	0.0	1.0	0.467							
197	179	188	0.0	1.0	0.483	54.5	-51.7	-16.0	54.1	197	0.0	1.0	0.282	53.3	-60.6	1.1	60.7	179	0.0	1.0	0.483	0.0	1.0	0.394	54.0	-55.7	-8.4	56.5	188	0.0	1.0	0.483							
198	180	189	0.0	1.0	0.5	54.6	-50.8	-17.3	53.7	198	0.0	1.0	0.294	53.3	-60.1	0.0	60.2	180	0.0	1.0	0.5	0.0	1.0	0.403	54.0	-55.4	-9.3	56.2	189	0.0	1.0	0.5							
200	181	190	0.0	1.0	0.516	54.7	-50.2	-18.5	53.6	200	0.0	1.0	0.306	53.4	-59.7	-0.9	59.8	181	0.0	1.0	0.517	0.0	1.0	0.413	54.1	-55.0	-10.1	56.0	190	0.0	1.0	0.517							
201	182	191	0.0	1.0	0.533	54.8	-49.6	-19.7	53.4	201	0.0	1.0	0.317	53.5	-59.2	-2.0	59.3	182	0.0	1.0	0.533	0.0	1.0	0.422	54.2	-54.5	-10.9	55.7	191	0.0	1.0	0.533							
203	183	192	0.0	1.0	0.55	54.9	-49.0	-20.9	53.3	203	0.0	1.0	0.329	53.6	-58.6	-3.0	58.8	183	0.0	1.0	0.55	0.0	1.0	0.432	54.2	-54.1	-11.8	55.5	192	0.0	1.0	0.55							
204	184	193	0.0	1.0	0.566	55.0	-48.3	-22.0	53.1	204	0.0	1.0	0.341	53.6	-58.1	-4.0	58.3	184	0.0	1.0	0.567	0.0	1.0	0.442	54.3	-53.7	-12.6	55.3	193	0.0	1.0	0.567							
205	185	194	0.0	1.0	0.583	55.1	-47.6	-23.1	53.0	205	0.0	1.0	0.352	53.7	-57.6	-4.9	57.9	185	0.0	1.0	0.583	0.0	1.0	0.451	54.4	-53.2	-13.4	55.0	194	0.0	1.0	0.583							
207	186	195	0.0	1.0	0.6	55.2	-46.9	-24.3	52.8	207	0.0	1.0	0.364	53.8	-57.0	-5.9	57.4	186	0.0	1.0	0.6	0.0	1.0	0.461	54.4	-52.8	-14.1	54.8	195	0.0	1.0	0.6							
208	187	195	0.0	1.0	0.616	55.3	-46.2	-25.4	52.7	208	0.0	1.0	0.376	53.9	-56.4	-6.8	56.9	187	0.0	1.0	0.617	0.0	1.0	0.47	54.5	-52.3	-14.9	54.5	195	0.0	1.0	0.617							
210	188	196	0.0	1.0	0.633	55.5	-45.4	-26.5	52.6	210	0.0	1.0	0.386	53.9	-56.0	-7.8	56.7	188	0.0	1.0	0.633	0.0	1.0	0.48	54.5	-51.8	-15.7	54.3	196	0.0	1.0	0.633							
211	189	197	0.0	1.0	0.65	55.6	-44.7	-27.5	52.6	211	0.0	1.0	0.397	54.0	-55.6	-8.7	56.4	189	0.0	1.0	0.65	0.0	1.0	0.49	54.6	-51.3	-16.4	54.0	197	0.0	1.0	0.65							
213	190	198	0.0	1.0	0.666	55.8	-44.0	-28.6	52.5	213	0.0	1.0	0.407	54.1	-55.2	-9.6	56.1	190	0.0	1.0	0.667	0.0	1.0	0.499	54.7	-50.8	-17.2	53.8	198	0.0	1.0	0.667							
214	191	199	0.0	1.0	0.683	56.0	-43.3	-29.7	52.5	214	0.0	1.0	0.418	54.1	-54.7	-10.6	55.9	191	0.0	1.0	0.683	0.0	1.0	0.51	54.7	-50.4	-17.9	53.7	199	0.0	1.0	0.683							
215	192	200	0.0	1.0	0.7	56.1	-42.5	-30.7	52.5	215	0.0	1.0	0.428	54.2	-54.3	-11.5	55.6	192	0.0	1.0	0.7	0.0	1.0	0.52	54.8	-50.1	-18.7	53.6	200	0.0	1.0	0.7							
217	193	201	0.0	1.0	0.716	56.3	-41.7	-31.8	52.4	217	0.0	1.0	0.439	54.3	-53.8	-12.3	55.3	193	0.0	1.0	0.717	0.0	1.0	0.531	54.9	-49.7	-19.5	53.5	201	0.0	1.0	0.717							
218	194	202	0.0	1.0	0.733	56.5	-40.9	-32.8	52.4	218	0.0	1.0	0.449	54.3	-53.3	-13.2	55.1	194	0.0	1.0	0.733	0.0	1.0	0.542	54.9	-49.3	-20.2	53.4	202	0.0	1.0	0.733							
220	195	203	0.0	1.0	0.75	56.6	-40.0	-33.7	52.4	220	0.0	1.0	0.46	54.4	-52.8	-14.1	54.8	195	0.0	1.0	0.75	0.0	1.0	0.552	55.0	-48.9	-21.0	53.3	203	0.0	1.0	0.75							
221	196	204	0.0	1.0	0.766	56.7	-39.6	-34.5	52.5	221	0.0	1.0	0.471	54.5	-52.3	-14.9	54.5	196	0.0	1.0	0.767	0.0	1.0	0.563	55.1	-48.4	-21.7	53.2	204	0.0	1.0	0.767							
222	197	205	0.0	1.0	0.783	56.8	-39.1	-35.3	52.7	222	0.0	1.0	0.481	54.5	-51.8	-15.8	54.2	197	0.0	1.0	0.783	0.0	1.0	0.574	55.1	-48.0	-22.4	53.1	205	0.0	1.0	0.783							
223	198	206	0.0	1.0	0.8	56.9	-38.6	-36.1	52.9	223	0.0	1.0	0.492	54.6	-51.2	-16.6	54.0	198	0.0	1.0	0.8	0.0	1.0	0.584	55.2	-47.5	-23.2	53.0	206	0.0	1.0	0.8							
224	199	206	0.0	1.0	0.816	56.9	-38.0	-36.9	53.0	224	0.0	1.0	0.502	54.7	-50.7	-17.4	53.7	199	0.0	1.0	0.817	0.0	1.0	0.595	55.3	-47.1	-23.9	52.9	206	0.0	1.0	0.817							
225	200	207	0.0	1.0	0.833	57.0	-37.5	-37.7	53.2	225	0.0	1.0	0.514	54.8	-50.3	-18.2	53.6	200	0.0	1.0	0.833	0.0	1.0	0.606	55.3	-46.6	-24.6	52.8	207	0.0	1.0	0.833							
226	201	208	0.0	1.0	0.85	57.1	-36.9	-38.5	53.3	226	0.0	1.0	0.526	54.8	-49.9	-19.1	53.5	201	0.0	1.0	0.85	0.0	1.0	0.616	55.4	-46.1	-25.3	52.7	208	0.0	1.0	0.85							
227	202	209	0.0	1.0	0.866	57.2	-36.4	-39.2	53.5	227	0.0	1.0	0.537	54.9	-49.4	-19.9	53.4	202	0.0	1.0	0.867	0.0	1.0	0.627	55.5	-45.7	-26.0	52.7	209	0.0	1.0	0.867							
228	203	210	0.0	1.0	0.883	57.3	-35.8	-40.0	53.7	228	0.0	1.0	0.549	55.0	-49.0	-20.7	53.3	203	0.0	1.0	0.883	0.0	1.0	0.638	55.6	-45.2	-26.7	52.6											

Output: Offset standard print; separation cmyn6*, D65, page 13/36

TUB-test chart SE15; 1080 colours, offset standard paper
48 step hue circles; *rgb-LabCh** tables, 3D=1, de=1, *cmYk**
input: *rgb/cmyk* → *rgb_{de}*
output: 3D-linearization to *cmYk**_{de}

1-1131230-F0

Data of Maximum color M in colorimetric system Offset standard print; separation cmycn6*, 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 $RYGCBM_d$: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; 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}	$LAB^*_{dd361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}																								
234	210	216	0.0	1.0	1.0	57.8	-31.9	-45.1	55.3	234	C_d	0.0	1.0	0.631	55.5	-45.5	-26.2	52.7	210	C_s	0.0	1.0	1.0	1.0	0.0	1.0	0.713	56.3	-41.8	-31.5	52.5	216	C_e	0.0	1.0	1.0	1.0	
235	211	217	0.0	0.983	1.0	57.4	-31.3	-45.1	55.0	235	0.0	0.983	1.0	0.0	1.0	0.643	55.6	-45.0	-27.0	52.6	211	0.0	0.983	1.0	0.0	1.0	0.724	56.4	-41.3	-32.1	52.5	217	0.0	0.983	1.0	0.0		
235	212	218	0.0	0.966	1.0	57.0	-30.7	-45.2	54.7	235	0.0	0.967	1.0	0.0	1.0	0.654	55.7	-44.5	-27.8	52.6	212	0.0	0.967	1.0	0.0	1.0	0.734	56.5	-40.8	-32.8	52.4	218	0.0	0.967	1.0	0.0		
236	213	219	0.0	0.95	1.0	56.6	-30.1	-45.2	54.4	236	0.0	0.95	1.0	0.0	1.0	0.666	55.8	-44.0	-28.5	52.6	213	0.0	0.95	1.0	0.0	1.0	0.745	56.6	-40.2	-33.4	52.4	219	0.0	0.95	1.0	0.0		
236	214	220	0.0	0.933	1.0	56.2	-29.6	-45.3	54.1	236	0.0	0.933	1.0	0.0	1.0	0.678	56.0	-43.5	-29.3	52.6	214	0.0	0.933	1.0	0.0	1.0	0.758	56.7	-39.7	-34.1	52.5	220	0.0	0.933	1.0	0.0		
237	215	221	0.0	0.916	1.0	55.9	-29.0	-45.3	53.8	237	0.0	0.917	1.0	0.0	1.0	0.69	56.1	-42.9	-30.0	52.5	215	0.0	0.917	1.0	0.0	1.0	0.774	56.8	-39.3	-34.8	52.6	221	0.0	0.917	1.0	0.0		
237	216	222	0.0	0.9	1.0	55.5	-28.4	-45.3	53.5	237	0.0	0.9	1.0	0.0	1.0	0.701	56.2	-42.4	-30.8	52.5	216	0.0	0.9	1.0	0.0	1.0	0.789	56.9	-38.9	-35.5	52.8	222	0.0	0.9	1.0	0.0		
238	217	223	0.0	0.883	1.0	55.1	-27.8	-45.3	53.2	238	0.0	0.883	1.0	0.0	1.0	0.713	56.3	-41.8	-31.5	52.5	217	0.0	0.883	1.0	0.0	1.0	0.804	56.9	-38.4	-36.3	52.9	223	0.0	0.883	1.0	0.0		
239	218	224	0.0	0.866	1.0	54.6	-27.2	-45.4	52.9	239	0.0	0.867	1.0	0.0	1.0	0.725	56.4	-41.2	-32.2	52.5	218	0.0	0.867	1.0	0.0	1.0	0.819	57.0	-37.9	-37.0	53.1	224	0.0	0.867	1.0	0.0		
239	219	225	0.0	0.85	1.0	54.1	-26.4	-45.4	52.6	239	0.0	0.85	1.0	0.0	1.0	0.737	56.5	-40.7	-32.9	52.4	219	0.0	0.85	1.0	0.0	1.0	0.834	57.1	-37.4	-37.7	53.2	225	0.0	0.85	1.0	0.0		
240	220	226	0.0	0.833	1.0	53.7	-25.7	-45.5	52.3	240	0.0	0.833	1.0	0.0	1.0	0.749	56.6	-40.1	-33.6	52.4	220	0.0	0.833	1.0	0.0	1.0	0.849	57.2	-36.9	-38.4	53.4	226	0.0	0.833	1.0	0.0		
241	221	227	0.0	0.816	1.0	53.2	-25.0	-45.5	51.9	241	0.0	0.817	1.0	0.0	1.0	0.765	56.7	-39.6	-34.4	52.6	221	0.0	0.817	1.0	0.0	1.0	0.864	57.2	-36.4	-39.1	53.5	227	0.0	0.817	1.0	0.0		
241	222	227	0.0	0.8	1.0	52.7	-24.3	-45.5	51.6	241	0.0	0.8	1.0	0.0	1.0	0.781	56.8	-39.1	-35.2	52.7	222	0.0	0.8	1.0	0.0	1.0	0.88	57.3	-35.9	-39.8	53.7	227	0.0	0.8	1.0	0.0		
242	223	228	0.0	0.783	1.0	52.2	-23.5	-45.6	51.3	242	0.0	0.783	1.0	0.0	1.0	0.798	56.9	-38.6	-36.0	52.9	223	0.0	0.783	1.0	0.0	1.0	0.896	57.4	-35.4	-40.5	53.9	228	0.0	0.783	1.0	0.0		
243	224	229	0.0	0.766	1.0	51.8	-22.8	-45.6	51.0	243	0.0	0.767	1.0	0.0	1.0	0.814	57.0	-38.1	-36.7	53.0	224	0.0	0.767	1.0	0.0	1.0	0.912	57.5	-34.9	-41.2	54.1	229	0.0	0.767	1.0	0.0		
244	225	230	0.0	0.75	1.0	51.3	-22.1	-45.6	50.7	244	0.0	0.75	1.0	0.0	1.0	0.831	57.1	-37.5	-37.5	53.2	225	0.0	0.75	1.0	0.0	1.0	0.929	57.5	-34.4	-41.9	54.4	230	0.0	0.75	1.0	0.0		
244	226	231	0.0	0.733	1.0	50.7	-21.3	-45.7	50.4	244	0.0	0.733	1.0	0.0	1.0	0.847	57.2	-37.0	-38.3	53.4	226	0.0	0.733	1.0	0.0	1.0	0.945	57.6	-33.8	-42.7	54.6	231	0.0	0.733	1.0	0.0		
245	227	232	0.0	0.716	1.0	50.2	-20.5	-45.7	50.1	245	0.0	0.717	1.0	0.0	1.0	0.864	57.2	-36.4	-39.1	53.5	227	0.0	0.717	1.0	0.0	1.0	0.961	57.7	-33.3	-43.4	54.8	232	0.0	0.717	1.0	0.0		
246	228	233	0.0	0.7	1.0	49.7	-19.6	-45.8	49.9	246	0.0	0.7	1.0	0.0	1.0	0.881	57.3	-35.8	-39.8	53.7	228	0.0	0.7	1.0	0.0	1.0	0.977	57.8	-32.7	-44.1	55.0	233	0.0	0.7	1.0	0.0		
247	229	234	0.0	0.683	1.0	49.1	-18.8	-45.9	49.6	247	0.0	0.683	1.0	0.0	1.0	0.899	57.4	-35.3	-40.6	54.0	229	0.0	0.683	1.0	0.0	1.0	0.993	57.8	-32.1	-44.8	55.2	234	0.0	0.683	1.0	0.0		
248	230	235	0.0	0.666	1.0	48.6	-18.0	-45.9	49.3	248	0.0	0.667	1.0	0.0	1.0	0.917	57.5	-34.7	-41.4	54.2	230	0.0	0.667	1.0	0.0	1.0	0.983	1.0	57.5	-31.3	-45.1	55.0	235	0.0	0.667	1.0	0.0	
249	231	236	0.0	0.65	1.0	48.0	-17.2	-45.9	49.1	249	0.0	0.65	1.0	0.0	1.0	0.934	57.6	-34.2	-42.2	54.4	231	0.0	0.65	1.0	0.0	1.0	0.955	1.0	56.8	-30.3	-45.2	54.5	236	0.0	0.65	1.0	0.0	
250	232	237	0.0	0.633	1.0	47.5	-16.4	-45.9	48.8	250	0.0	0.633	1.0	0.0	1.0	0.952	57.7	-33.6	-43.0	54.7	232	0.0	0.633	1.0	0.0	1.0	0.927	1.0	56.1	-29.3	-45.2	54.0	237	0.0	0.633	1.0	0.0	
251	233	237	0.0	0.616	1.0	46.9	-15.4	-46.0	48.5	251	0.0	0.617	1.0	0.0	1.0	0.97	57.7	-32.9	-43.8	54.9	233	0.0	0.617	1.0	0.0	1.0	0.898	1.0	55.5	-28.3	-45.3	53.5	237	0.0	0.617	1.0	0.0	
252	234	238	0.0	0.6	1.0	46.2	-14.3	-46.1	48.3	252	0.0	0.6	1.0	0.0	1.0	0.988	57.8	-32.3	-44.5	55.2	234	0.0	0.6	1.0	0.0	1.0	0.871	1.0	54.8	-27.3	-45.3	53.0	238	0.0	0.6	1.0	0.0	
253	235	239	0.0	0.583	1.0	45.6	-13.2	-46.2	48.1	253	0.0	0.583	1.0	0.0	1.0	0.99	1.0	57.6	-31.5	-45.1	55.1	235	0.0	0.583	1.0	0.0	1.0	0.85	1.0	54.2	-26.4	-45.4	52.6	239	0.0	0.583	1.0	0.0
255	236	240	0.0	0.566	1.0	44.9	-12.1	-46.3	47.8	255	0.0	0.567	1.0	0.0	1.0	0.959	1.0	56.9	-30.4	-45.2	54.6	236	0.0	0.567	1.0	0.0	1.0	0.829	1.0	53.6	-25.4	-45.4	52.2	240	0.0	0.567	1.0	0.0
256	237	241	0.0	0.55	1.0	44.3	-11.0	-46.3	47.6	256	0.0	0.55	1.0	0.0	1.0	0.928	1.0	56.2	-29.3	-45.2	54.0	237	0.0	0.55	1.0	0.0	1.0	0.807	1.0	53.0	-24.5	-45.5	51.8	241	0.0	0.55	1.0	0.0
257	238	242	0.0	0.533	1.0	43.6	-9.9	-46.3	47.4	257	0.0	0.533	1.0	0.0	1.0	0.897	1.0	55.4	-28.2	-45.3	53.5	238	0.0	0.533	1.0	0.0	1.0	0.786	1.0	52.4	-23.6	-45.5	51.4	242	0.0	0.533	1.0	0.0
259	239	243	0.0	0.516	1.0	43.0	-8.8	-46.3	47.2	259	0.0	0.517	1.0	0.0	1.0	0.868	1.0	54.7	-27.2	-45.3	53.0	239	0.0	0.517	1.0	0.0	1.0	0.765	1.0	51.8	-22.7	-45.5	51.0	243	0.0	0.517	1.0	0.0
260	240	244	0.0	0.5	1.0	42.3	-7.7	-46.3	46.9	260	0.0	0.5	1.0	0.0	1.0	0.845	1.0	54.1	-26.2	-45.4	52.5	240	0.0	0.5	1.0	0.0	1.0	0.745	1.0	51.2	-21.8	-45.6	50.6	244	0.0	0.5	1.0	0.0
261	241	245	0.0	0.483	1.0	41.6	-6.7	-46.4	46.9	261	0.0	0.483	1.0	0.0	1.0	0.822	1.0	53.4	-25.2	-45.5	52.1	241	0.0	0.483	1.0	0.0	1.0	0.728	1.0	50.6	-21.0	-45.6	50.4	245	0.0	0.483	1.0	0.0
263	242	246	0.0	0.466	1.0	41.0	-5.6	-46.4	46.8	263	0.0	0.467	1.0	0.0	1.0	0.798	1.0	52.7	-24.1	-45.5	51.6	242	0.0	0.467	1.0	0.0	1.0	0.711	1.0	50.1	-20.1	-45.7	50.1	246	0.0	0.467	1.0	0.0
264	243	247	0.0	0.45	1.0	40.3	-4.5	-46.5	46.7	264	0.0	0.45	1.0	0.0	1.0	0.775	1.0	52.1	-23.1	-45.5	51.2	243	0.0	0.45	1.0	0.0	1.0	0.694	1.0	49.5	-19.3	-45.8	49.8	247	0.0	0.45	1.0	0.0
265	244	248	0.0	0.433	1.0	39.6	-3.4	-46.5	46.7	265	0.0	0.433	1.0	0.0	1.0	0.752	1.0	51.4	-22.2	-45.5	50.8	244	0.0	0.433	1.0	0.0	1.0	0.677	1.0	48.9	-18.4	-45.8	49.5	248	0.0	0.433	1.0	0.0
267	245	248	0.0	0.416	1.0	38.9	-2.3	-46.5	46.6	267	0.0	0.417	1.0	0.0	1.0	0.733	1.0	50.8	-21.2	-45.6	50.4	245	0															

F: 3D-linearization SE15/SE15LE30FP.DAT in file (F), page 15/33

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGBCM*_s; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; 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}	$LAB^*_{dd361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$																						
280	255	258	0.0	0.25	1.0	32.7	8.5	-47.0	47.8	280	0.0	0.57	1.0	45.1	-12.3	-46.2	47.9	255	0.0	0.25	1.0	0.0	0.531	1.0	43.6	-9.7	-46.3	47.4	258	0.0	0.25	1.0
281	256	258	0.0	0.233	1.0	32.1	9.5	-47.2	48.1	281	0.0	0.557	1.0	44.6	-11.5	-46.2	47.8	256	0.0	0.233	1.0	0.0	0.519	1.0	43.1	-8.9	-46.3	47.2	258	0.0	0.233	1.0
282	257	259	0.0	0.216	1.0	31.5	10.6	-47.3	48.5	282	0.0	0.545	1.0	44.1	-10.6	-46.3	47.6	257	0.0	0.217	1.0	0.0	0.507	1.0	42.7	-8.2	-46.2	47.1	259	0.0	0.217	1.0
283	258	260	0.0	0.2	1.0	30.9	11.7	-47.4	48.8	283	0.0	0.532	1.0	43.6	-9.8	-46.3	47.4	258	0.0	0.2	1.0	0.0	0.496	1.0	42.2	-7.4	-46.2	47.0	260	0.0	0.2	1.0
285	259	261	0.0	0.183	1.0	30.2	12.8	-47.5	49.2	285	0.0	0.519	1.0	43.1	-8.9	-46.3	47.2	259	0.0	0.183	1.0	0.0	0.484	1.0	41.7	-6.7	-46.3	46.9	261	0.0	0.183	1.0
286	260	262	0.0	0.166	1.0	29.6	13.9	-47.5	49.5	286	0.0	0.506	1.0	42.6	-8.1	-46.2	47.1	260	0.0	0.167	1.0	0.0	0.473	1.0	41.3	-5.9	-46.4	46.9	262	0.0	0.167	1.0
287	261	263	0.0	0.15	1.0	29.0	15.0	-47.6	49.9	287	0.0	0.493	1.0	42.1	-7.2	-46.3	46.9	261	0.0	0.15	1.0	0.0	0.461	1.0	40.8	-5.2	-46.4	46.8	263	0.0	0.15	1.0
288	262	264	0.0	0.133	1.0	28.4	16.1	-47.6	50.3	288	0.0	0.481	1.0	41.6	-6.4	-46.3	46.9	262	0.0	0.133	1.0	0.0	0.45	1.0	40.3	-4.4	-46.5	46.8	264	0.0	0.133	1.0
289	263	265	0.0	0.116	1.0	27.8	17.1	-47.6	50.6	289	0.0	0.468	1.0	41.1	-5.6	-46.4	46.8	263	0.0	0.117	1.0	0.0	0.439	1.0	39.9	-3.7	-46.5	46.7	265	0.0	0.117	1.0
290	264	266	0.0	0.1	1.0	27.4	17.9	-47.7	50.9	290	0.0	0.455	1.0	40.6	-4.8	-46.4	46.8	264	0.0	0.1	1.0	0.0	0.427	1.0	39.4	-2.9	-46.5	46.7	266	0.0	0.1	1.0
291	265	267	0.0	0.083	1.0	27.0	18.8	-47.7	51.3	291	0.0	0.443	1.0	40.1	-4.0	-46.5	46.7	265	0.0	0.083	1.0	0.0	0.416	1.0	39.0	-2.2	-46.5	46.6	267	0.0	0.083	1.0
292	266	268	0.0	0.066	1.0	26.6	19.6	-47.8	51.6	292	0.0	0.43	1.0	39.6	-3.2	-46.5	46.7	266	0.0	0.067	1.0	0.0	0.404	1.0	38.5	-1.5	-46.5	46.6	268	0.0	0.067	1.0
293	267	269	0.0	0.049	1.0	26.2	20.4	-47.8	52.0	293	0.0	0.418	1.0	39.0	-2.3	-46.5	46.6	267	0.0	0.05	1.0	0.0	0.393	1.0	38.0	-0.7	-46.4	46.5	269	0.0	0.05	1.0
293	268	269	0.0	0.033	1.0	25.8	21.2	-47.8	52.3	293	0.0	0.405	1.0	38.5	-1.5	-46.5	46.6	268														

1-1131430-L0	SE150-73	LAB*la0, YN=0%, XYZnw=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB*nw=18.5, 0.0, 0.0, 96.4, 0.0, 0.0
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Output: Offset standard print; separation cmyn6*, D65, page 15/33

TUB-test chart SE15; 1080 colours, offset standard paper
48 step hue circles; *rgb-LabCh** tables, 3D=1, de=1, *cmYk**
input: *rgb/cmyk* $\rightarrow$ *rgb*_{de}
output: 3D-linearization to *cmYk**_{de}

1-1131430-F0

TUB registration: 20130201-SE15/SE15LOFP.PDF / .PS
 application for measurement of offset print output, separate

TUB material: code=rh4ta
yn6* (CMYK)

see similar files: <http://130.149.60.45/~farbmeterik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

Data of Maximum color M in colorimetric system Offset standard print; separation cmy6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; 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}	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
333	300	300	0.5 0.0 1.0	37.0 53.9 -27.1 60.4	333	0.053 0.0 1.0	26.2 26.7 -46.1 53.3	300	0.5 0.0 1.0	0.055 0.0 1.0	26.3 26.8 -46.0 53.3	300	0.5 0.0 1.0
334	301	301	0.516 0.0 1.0	37.5 54.7 -26.5 60.8	334	0.065 0.0 1.0	26.5 27.5 -45.7 53.4	301	0.517 0.0 1.0	0.067 0.0 1.0	26.5 27.6 -45.6 53.4	301	0.517 0.0 1.0
334	302	302	0.533 0.0 1.0	37.9 55.5 -25.9 61.3	334	0.077 0.0 1.0	26.8 28.3 -45.2 53.4	302	0.533 0.0 1.0	0.078 0.0 1.0	26.8 28.4 -45.2 53.4	302	0.533 0.0 1.0
335	303	303	0.55 0.0 1.0	38.3 56.3 -25.2 61.7	335	0.09 0.0 1.0	27.1 29.1 -44.8 53.5	303	0.55 0.0 1.0	0.09 0.0 1.0	27.1 29.2 -44.8 53.5	303	0.55 0.0 1.0
336	304	303	0.566 0.0 1.0	38.7 57.1 -24.6 62.2	336	0.102 0.0 1.0	27.3 29.9 -44.3 53.6	304	0.567 0.0 1.0	0.101 0.0 1.0	27.3 29.9 -44.3 53.6	303	0.567 0.0 1.0
337	305	304	0.583 0.0 1.0	39.1 57.8 -23.9 62.6	337	0.114 0.0 1.0	27.6 30.8 -43.8 53.6	305	0.583 0.0 1.0	0.113 0.0 1.0	27.6 30.7 -43.9 53.6	304	0.583 0.0 1.0
338	306	305	0.6 0.0 1.0	39.6 58.6 -23.2 63.0	338	0.127 0.0 1.0	27.9 31.5 -43.3 53.7	306	0.6 0.0 1.0	0.124 0.0 1.0	27.9 31.4 -43.4 53.7	305	0.6 0.0 1.0
339	307	306	0.616 0.0 1.0	40.0 59.4 -22.5 63.5	339	0.148 0.0 1.0	28.3 32.4 -42.8 53.8	307	0.617 0.0 1.0	0.144 0.0 1.0	28.2 32.2 -42.9 53.7	306	0.617 0.0 1.0
340	308	307	0.633 0.0 1.0	40.4 60.2 -21.7 64.0	340	0.17 0.0 1.0	28.6 33.2 -42.3 53.8	308	0.633 0.0 1.0	0.165 0.0 1.0	28.5 33.0 -42.5 53.8	307	0.633 0.0 1.0
341	309	308	0.65 0.0 1.0	40.8 61.2 -20.9 64.7	341	0.191 0.0 1.0	29.0 33.9 -41.8 53.9	309	0.65 0.0 1.0	0.185 0.0 1.0	28.9 33.7 -42.0 53.9	308	0.65 0.0 1.0
342	310	309	0.666 0.0 1.0	41.2 62.1 -20.1 65.3	342	0.213 0.0 1.0	29.3 34.7 -41.3 54.0	310	0.667 0.0 1.0	0.205 0.0 1.0	29.2 34.5 -41.5 54.0	309	0.667 0.0 1.0
342	311	310	0.683 0.0 1.0	41.6 63.1 -19.3 66.0	342	0.234 0.0 1.0	29.7 35.5 -40.7 54.1	311	0.683 0.0 1.0	0.225 0.0 1.0	29.6 35.2 -41.0 54.1	310	0.683 0.0 1.0
343	312	311	0.7 0.0 1.0	42.1 64.0 -18.4 66.6	343	0.252 0.0 1.0	30.0 36.3 -40.2 54.2	312	0.7 0.0 1.0	0.246 0.0 1.0	29.9 35.9 -40.4 54.2	311	0.7 0.0 1.0
344	313	312	0.716 0.0 1.0	42.5 64.9 -17.5 67.3	344	0.261 0.0 1.0	30.3 37.2 -39.7 54.5	313	0.717 0.0 1.0	0.257 0.0 1.0	30.2 36.7 -40.0 54.4	312	0.717 0.0 1.0
345	314	313	0.733 0.0 1.0	42.9 65.8 -16.6 67.9	345	0.27 0.0 1.0	30.6 38.0 -39.3 54.7	314	0.733 0.0 1.0	0.265 0.0 1.0	30.4 37.5 -39.5 54.6	313	0.733 0.0 1.0
346	315	314	0.75 0.0 1.0	43.3 66.7 -15.7 68.5	346	0.279 0.0 1.0	30.8 38.9 -38.8 55.0	315	0.75 0.0 1.0	0.273 0.0 1.0	30.7 38.3 -39.1 54.8	314	0.75 0.0 1.0
347	316	315	0.766 0.0 1.0	43.6 67.3 -15.2 69.0	347	0.287 0.0 1.0	31.1 39.7 -38.2 55.2	316	0.767 0.0 1.0	0.282 0.0 1.0	30.9 39.1 -38.6 55.0	315	0.767 0.0 1.0
347	317	316	0.783 0.0 1.0	44.0 67.8 -14.7 69.4	347	0.296 0.0 1.0	31.4 40.5 -37.7 55.4	317	0.783 0.0 1.0	0.29 0.0 1.0	31.2 39.9 -38.1 55.3	316	0.783 0.0 1.0
348	318	317	0.8 0.0 1.0	44.3 68.3 -14.2 69.8	348	0.305 0.0 1.0	31.7 41.4 -37.2 55.7	318	0.8 0.0 1.0	0.298 0.0 1.0	31.4 40.7 -37.6 55.5	317	0.8 0.0 1.0
348	319	318	0.816 0.0 1.0	44.7 68.8 -13.7 70.2	348	0.314 0.0 1.0	31.9 42.2 -36.6 55.9	319	0.817 0.0 1.0	0.307 0.0 1.0	31.7 41.5 -37.1 55.7	318	0.817 0.0 1.0
349	320	319	0.833 0.0 1.0	45.0 69.4 -13.2 70.6	349	0.323 0.0 1.0	32.2 43.0 -36.0 56.2	320	0.833 0.0 1.0	0.315 0.0 1.0	32.0 42.3 -36.5 55.9	319	0.833 0.0 1.0
349	321	320	0.85 0.0 1.0	45.4 69.9 -12.7 71.0	349	0.331 0.0 1.0	32.5 43.8 -35.4 56.4	321	0.85 0.0 1.0	0.323 0.0 1.0	32.2 43.1 -36.0 56.2	320	0.85 0.0 1.0
350	322	321	0.866 0.0 1.0	45.7 70.4 -12.2 71.5	350	0.34 0.0 1.0	32.7 44.6 -34.8 56.6	322	0.867 0.0 1.0	0.332 0.0 1.0	32.5 43.9 -35.4 56.4	321	0.867 0.0 1.0
350	323	321	0.883 0.0 1.0	46.0 70.9 -11.8 71.9	350	0.349 0.0 1.0	33.0 45.4 -34.1 56.9	323	0.883 0.0 1.0	0.34 0.0 1.0	32.7 44.6 -34.8 56.6	321	0.883 0.0 1.0
350	324	322	0.9 0.0 1.0	46.3 71.4 -11.3 72.3	350	0.358 0.0 1.0	33.3 46.2 -33.5 57.1	324	0.9 0.0 1.0	0.348 0.0 1.0	33.0 45.4 -34.2 56.9	322	0.9 0.0 1.0
351	325	323	0.916 0.0 1.0	46.7 71.8 -10.9 72.7	351	0.366 0.0 1.0	33.5 47.0 -32.8 57.4	325	0.917 0.0 1.0	0.357 0.0 1.0	33.2 46.1 -33.6 57.1	323	0.917 0.0 1.0
351	326	324	0.933 0.0 1.0	47.0 72.3 -10.5 73.1	351	0.375 0.0 1.0	33.8 47.8 -32.1 57.6	326	0.933 0.0 1.0	0.365 0.0 1.0	33.5 46.8 -32.9 57.3	324	0.933 0.0 1.0
352	327	325	0.95 0.0 1.0	47.3 72.8 -10.1 73.5	352	0.393 0.0 1.0	34.3 48.6 -31.5 58.0	327	0.95 0.0 1.0	0.373 0.0 1.0	33.7 47.6 -32.3 57.5	325	0.95 0.0 1.0
352	328	326	0.966 0.0 1.0	47.6 73.2 -9.6 73.9	352	0.41 0.0 1.0	34.7 49.5 -30.8 58.4	328	0.967 0.0 1.0	0.388 0.0 1.0	34.1 48.4 -31.7 57.9	326	0.967 0.0 1.0
352	329	327	0.983 0.0 1.0	47.9 73.7 -9.2 74.3	352	0.427 0.0 1.0	35.2 50.4 -30.2 58.8	329	0.983 0.0 1.0	0.404 0.0 1.0	34.6 49.2 -31.1 58.2	327	0.983 0.0 1.0
353	330	328	1.0 0.0 1.0	48.2 74.2 -8.7 74.7	353	M_d 0.444 0.0 1.0	35.6 51.2 -29.5 59.1	$330M_s$ 1.0 0.0 1.0	0.42 0.0 1.0	35.0 50.0 -30.4 58.6	$328M_e$ 1.0 0.0 1.0	1.0 0.0 1.0	1.0 0.0 1.0
353	331	329	1.0 0.0 0.983	48.2 74.0 -8.2 74.5	353	0.461 0.0 1.0	36.1 52.1 -28.8 59.5	331	1.0 0.0 0.983	0.436 0.0 1.0	35.4 50.8 -29.8 59.0	329	1.0 0.0 0.983
354	332	330	1.0 0.0 0.966	48.2 73.9 -7.7 74.3	354	0.478 0.0 1.0	36.5 52.9 -28.0 59.9	332	1.0 0.0 0.967	0.452 0.0 1.0	35.8 51.7 -29.1 59.3	330	1.0 0.0 0.967
354	333	331	1.0 0.0 0.95	48.2 73.8 -7.2 74.1	354	0.495 0.0 1.0	37.0 53.7 -27.3 60.3	333	1.0 0.0 0.95	0.469 0.0 1.0	36.3 52.4 -28.4 59.7	331	1.0 0.0 0.95
354	334	332	1.0 0.0 0.933	48.2 73.6 -6.7 73.9	354	0.514 0.0 1.0	37.4 54.6 -26.5 60.8	334	1.0 0.0 0.933	0.485 0.0 1.0	36.7 53.2 -27.7 60.1	332	1.0 0.0 0.933
355	335	333	1.0 0.0 0.916	48.2 73.5 -6.2 73.8	355	0.534 0.0 1.0	37.9 55.6 -25.8 61.3	335	1.0 0.0 0.917	0.501 0.0 1.0	37.1 54.0 -27.0 60.4	333	1.0 0.0 0.917
355	336	334	1.0 0.0 0.9	48.2 73.3 -5.6 73.6	355	0.553 0.0 1.0	38.4 56.5 -25.1 61.8	336	1.0 0.0 0.9	0.52 0.0 1.0	37.6 54.9 -26.3 60.9	334	1.0 0.0 0.9
355	337	335	1.0 0.0 0.883	48.2 73.2 -5.1 73.4	355	0.573 0.0 1.0	38.9 57.4 -24.3 62.4	337	1.0 0.0 0.883	0.538 0.0 1.0	38.1 55.8 -25.6 61.4	335	1.0 0.0 0.883
356	338	336	1.0 0.0 0.866	48.2 73.1 -4.6 73.2	356	0.592 0.0 1.0	39.4 58.3 -23.5 62.9	338	1.0 0.0 0.867	0.557 0.0 1.0	38.5 56.7 -24.9 61.9	336	1.0 0.0 0.867
356	339	337	1.0 0.0 0.85	48.1 72.9 -4.0 73.0	356	0.612 0.0 1.0	39.9 59.2 -22.6 63.4	339	1.0 0.0 0.85	0.575 0.0 1.0	39.0 57.5 -24.2 62.4	337	1.0 0.0 0.85
357	340	338	1.0 0.0 0.833	48.1 72.8 -3.5 72.9	357	0.631 0.0 1.0	40.4 60.1 -21.8 64.0	340	1.0 0.0 0.833	0.594 0.0 1.0	39.5 58.4 -23.4 62.9	338	1.0 0.0 0.833
357	341	339	1.0 0.0 0.816	48.1 72.7 -2.9 72.7	357	0.648 0.0 1.0	40.8 61.1 -21.0 64.7	341	1.0 0.0 0.817	0.613 0.0 1.0	39.9 59.2 -22.6 63.4	339	1.0 0.0 0.817
358	342	339	1.0 0.0 0.8	48.1 72.5 -2.4 72.5	358	0.666 0.0 1.0	41.3 62.2 -20.1 65.4	342	1.0 0.0 0.8	0.631 0.0 1.0	40.4 60.1 -21.8 64.0	339	1.0 0.0 0.8
358	343	340	1.0 0.0 0.783	48.1 72.4 -1.8 72.4	358	0.684 0.0 1.0	41.7 63.2 -19.2 66.0	343	1.0 0.0 0.783	0.647 0.0 1.0	40.8 61.1 -21.0 64.6	340	1.0 0.0 0.783
358	344	341	1.0 0.0 0.766	48.1 72.2 -1.3 72.2	358	0.701 0.0 1.0	42.1 64.1 -18.3 66.7	344	1.0 0.0 0.767	0.664 0.0 1.0	41.2 62.0 -20.2 65.3	341	1.0 0.0 0.767
359	345	342	1.0 0.0 0.75	48.1 72.1 -0.7 72.1	359	0.719 0.0 1.0	42.6 65.1 -17.3 67.4	345	1.0 0.0 0.75	0.681 0.0 1.0	41.6 63.0 -19.4 65.9	342	1.0 0.0 0.75

1-1131530-LO SE150-73 LAB*la0, YN=0%, XYZnw=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB*nmw=18.5, 0.0, 0.0, 96.4, 0.0, 0.0

Output: Offset standard print; separation cmy6*, D65, page 16/33

TUB-test chart SE15; 1080 colours, offset standard paper input: $rgb/cmyk \rightarrow rgb_{de}$
48 step hue circles; $rgb-LabCh^*$ tables, 3D=1, $de=1$, $cmyk^*$ output: 3D-linearization to $cmyk^*_{de}$

1-1131630-L0	SE150-73	LAB*la0, YN=0%, XYZ _{zn} =2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB* _{nw} =18.5, 0.0, 0.0, 96.4, 0.0, 0.0	Output: Offset standard print; separation cmyk6*, D65, page 17
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TUB-test chart SE15; 1080 colours, offset standard paper input: *rgb/cmyk* $\rightarrow$ *rgb_{de}*
48 step hue circles; *rgb-LabCh**tables, 3D=1, de=1, *cmyk** output: 3D-linearization to *cmyk**_{de}

TUB registration: 20130201-SE15/SE15L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of offset print output, separationcmyb6* (CMYK)

Output: Offset standard print; separation cmyn6*, D65, page 17/36

http://130.149.60.45/~farbmetrik/SE15/SE15LOFP.PDF /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FP.DAT in file (F), page 18/33

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n/f	HIC*F _{de}	rgb_F _{de}	ict_F _{de}	hsi_F _{de}	rgb*F _{de}	LabCh*F _{de}	cmyn*sep_F _{de}	hsiM _{de}	rgb*M _{de}	LabCh*M _{de}	
0/648	R00Y_100_100de	1.0 0.0 0.0	1.0 1.0 0.5	390	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4	0.0 1.0 0.867	0.0 0.0	47.6 66.3 31.6	73.4 25.4
1/657	R13Y_100_100de	1.0 0.125 0.0	1.0 1.0 0.5	37	1.0 0.052 0.0	49.2 61.9 40.6	74.0 33.2	0.0 0.947 1.0	0.0 0.0	49.2 61.9 40.6	74.0 33.2
2/666	R25Y_100_100de	1.0 0.25 0.0	1.0 1.0 0.5	44	1.0 0.172 0.0	53.4 52.6 45.8	69.7 41.0	0.0 0.826 1.0	0.0 0.0	53.4 52.6 45.8	69.7 41.0
3/675	R38Y_100_100de	1.0 0.375 0.0	1.0 1.0 0.5	52	1.0 0.28 0.0	58.0 43.1 51.4	67.1 49.9	0.0 0.718 1.0	0.0 0.0	58.0 43.1 51.4	67.1 49.9
4/684	R50Y_100_100de	1.0 0.5 0.0	1.0 1.0 0.5	60	1.0 0.378 0.0	62.5 34.1 56.6	66.1 58.8	0.0 0.62 1.0	0.0 0.0	62.5 34.1 56.6	66.1 58.8
5/693	R63Y_100_100de	1.0 0.625 0.0	1.0 1.0 0.5	68	1.0 0.484 0.0	67.3 25.4 62.3	67.2 67.8	0.0 0.513 1.0	0.0 0.0	67.3 25.4 62.3	67.2 67.8
6/702	R75Y_100_100de	1.0 0.75 0.0	1.0 1.0 0.5	76	1.0 0.584 0.0	72.7 16.2 69.0	70.9 76.7	0.0 0.415 1.0	0.0 0.0	72.7 16.2 69.0	70.9 76.7
7/711	R88Y_100_100de	1.0 0.875 0.0	1.0 1.0 0.5	83	1.0 0.698 0.0	78.2 7.2 75.5	75.8 84.5	0.0 0.302 1.0	0.0 0.0	78.2 7.2 75.5	75.8 84.5
8/720	Y00G_100_100de	1.0 1.0 0.0	1.0 1.0 0.5	90	1.0 0.868 0.0	85.1 -3.3 83.7	83.7 92.3	0.0 0.132 1.0	0.0 0.0	85.1 -3.3 83.7	83.7 92.3
9/639	Y13G_100_100de	0.875 1.0 0.0	1.0 1.0 0.5	97	0.841 1.0 0.0	85.9 -15.0 81.2	82.6 100.4	0.159 0.0 1.0	0.0 0.0	85.9 -15.0 81.2	82.6 100.4
10/558	Y25G_100_100de	0.75 1.0 0.0	1.0 1.0 0.5	104	0.615 1.0 0.0	77.6 -23.7 70.5	74.4 108.6	0.385 0.0 1.0	0.0 0.0	77.6 -23.7 70.5	74.4 108.6
11/477	Y38G_100_100de	0.625 1.0 0.0	1.0 1.0 0.5	112	0.476 1.0 0.0	72.3 -31.5 59.4	67.2 117.9	0.521 0.0 1.0	0.0 0.0	72.3 -31.5 59.4	67.2 117.9
12/396	Y50G_100_100de	0.5 1.0 0.0	1.0 1.0 0.5	120	0.35 1.0 0.0	67.2 -38.9 51.1	64.2 127.2	0.648 0.0 1.0	0.0 0.0	67.2 -38.9 51.1	64.2 127.2
13/315	Y63G_100_100de	0.375 1.0 0.0	1.0 1.0 0.5	128	0.265 1.0 0.0	61.8 -46.3 43.8	63.7 136.5	0.733 0.0 1.0	0.0 0.0	61.8 -46.3 43.8	63.7 136.5
14/234	Y75G_100_100de	0.25 1.0 0.0	1.0 1.0 0.5	136	0.163 1.0 0.0	57.9 -53.6 36.3	64.8 145.9	0.836 0.0 1.0	0.0 0.0	57.9 -53.6 36.3	64.8 145.9
15/153	Y88G_100_100de	0.125 1.0 0.0	1.0 1.0 0.5	143	0.076 1.0 0.0	54.7 -61.4 29.8	68.3 154.0	0.922 0.0 1.0	0.0 0.0	54.7 -61.4 29.8	68.3 154.0
16/72	G00C_100_100de	0.0 1.0 0.0	1.0 1.0 0.5	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2	1.0 0.0 0.988	0.0 0.0	51.7 -69.1 22.1	72.6 162.2
17/73	G13C_100_100de	0.0 1.0 0.125	1.0 1.0 0.5	157	0.0 1.0 0.129	52.4 -66.0 13.2	67.3 168.6	1.0 0.0 0.869	0.0 0.0	52.4 -66.0 13.2	67.3 168.6
18/74	G25C_100_100de	0.0 1.0 0.25	1.0 1.0 0.5	164	0.0 1.0 0.23	52.9 -62.6 5.4	62.8 175.0	1.0 0.0 0.768	0.0 0.0	52.9 -62.6 5.4	62.8 175.0
19/75	G38C_100_100de	0.0 1.0 0.375	1.0 1.0 0.5	172	0.0 1.0 0.32	53.5 -59.1 -2.3	59.1 182.3	1.0 0.0 0.675	0.0 0.0	53.5 -59.1 -2.3	59.1 182.3
20/76	G50C_100_100de	0.0 1.0 0.5	1.0 1.0 0.5	180	0.0 1.0 0.403	54.0 -55.4 -9.3	56.2 189.6	1.0 0.0 0.593	0.0 0.0	54.0 -55.4 -9.3	56.2 189.6
21/77	G63C_100_100de	0.0 1.0 0.625	1.0 1.0 0.5	188	0.0 1.0 0.48	54.5 -51.9 -15.7	54.2 196.9	1.0 0.0 0.516	0.0 0.0	54.5 -51.9 -15.7	54.2 196.9
22/78	G75C_100_100de	0.0 1.0 0.75	1.0 1.0 0.5	196	0.0 1.0 0.563	55.0 -48.5 -21.8	53.2 204.2	1.0 0.0 0.434	0.0 0.0	55.0 -48.5 -21.8	53.2 204.2
23/79	G88C_100_100de	0.0 1.0 0.875	1.0 1.0 0.5	203	0.0 1.0 0.637	55.5 -45.3 -26.7	52.6 210.5	1.0 0.0 0.363	0.0 0.0	55.5 -45.3 -26.7	52.6 210.5
24/80	C00B_100_100de	0.0 1.0 1.0	1.0 1.0 0.5	210	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9	1.0 0.0 0.286	0.0 0.0	56.3 -41.9 -31.5	52.4 216.9
25/71	C13B_100_100de	0.0 0.875 1.0	1.0 1.0 0.5	217	0.0 1.0 0.803	56.9 -38.4 -36.3	52.9 223.3	1.0 0.0 0.196	0.0 0.0	56.9 -38.4 -36.3	52.9 223.3
26/62	C25B_100_100de	0.0 0.75 1.0	1.0 1.0 0.5	224	0.0 1.0 0.912	57.4 -34.9 -41.3	54.1 229.7	1.0 0.0 0.087	0.0 0.0	57.4 -34.9 -41.3	54.1 229.7
27/53	C38B_100_100de	0.0 0.625 1.0	1.0 1.0 0.5	232	0.0 0.926 1.0	56.1 -29.3 -45.3	54.0 237.0	1.0 0.073	0.0 0.0	56.1 -29.3 -45.3	54.0 237.0
28/44	C50B_100_100de	0.0 0.5 1.0	1.0 1.0 0.5	240	0.0 0.744 1.0	51.1 -21.9 -45.6	50.6 244.3	1.0 0.257	0.0 0.0	51.1 -21.9 -45.6	50.6 244.3
29/35	C63B_100_100de	0.0 0.375 1.0	1.0 1.0 0.5	248	0.0 0.613 1.0	46.8 -15.2 -46.0	48.5 251.6	0.999 0.386	0.0 0.0	46.8 -15.2 -46.0	48.5 251.6
30/26	C75B_100_100de	0.0 0.25 1.0	1.0 1.0 0.5	256	0.0 0.519 1.0	43.1 -9.0 -46.3	47.2 258.9	0.999 0.477	0.0 0.0	43.1 -9.0 -46.3	47.2 258.9
31/17	C88B_100_100de	0.0 0.125 1.0	1.0 1.0 0.5	263	0.0 0.438 1.0	39.8 -3.7 -46.5	46.7 265.3	1.0 0.557	0.0 0.0	39.8 -3.7 -46.5	46.7 265.3
32/8	B00M_100_100de	0.0 0.0 1.0	1.0 1.0 0.5	270	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7	1.0 0.639	0.0 0.0	36.7 1.4 -46.6	46.6 271.7
33/89	B13M_100_100de	0.125 0.0 1.0	1.0 1.0 0.5	277	0.0 0.274 1.0	33.6 6.9 -47.0	47.5 278.3	1.0 0.723	0.0 0.0	33.6 6.9 -47.0	47.5 278.3
34/170	B25M_100_100de	0.25 0.0 1.0	1.0 1.0 0.5	284	0.0 0.185 1.0	30.3 12.7 -47.5	49.1 285.0	1.0 0.812	0.0 0.0	30.3 12.7 -47.5	49.1 285.0
35/251	B38M_100_100de	0.375 0.0 1.0	1.0 1.0 0.5	292	0.0 0.061 1.0	26.5 19.9 -47.8	51.8 292.5	1.0 0.938	0.0 0.0	26.5 19.9 -47.8	51.8 292.5
36/332	B50M_100_100de	0.5 0.0 1.0	1.0 1.0 0.5	300	0.055 0.0 1.0	26.2 26.8 -46.1	53.3 300.1	0.944 1.0	0.0 0.0	26.2 26.8 -46.1	53.3 300.1
37/413	B63M_100_100de	0.625 0.0 1.0	1.0 1.0 0.5	308	0.164 0.0 1.0	28.5 32.9 -42.5	53.8 307.7	0.834 1.0	0.0 0.0	28.5 32.9 -42.5	53.8 307.7
38/494	B75M_100_100de	0.75 0.0 1.0	1.0 1.0 0.5	316	0.281 0.0 1.0	30.9 39.1 -38.6	55.0 315.3	0.715 1.0	0.0 0.0	30.9 39.1 -38.6	55.0 315.3
39/575	B88M_100_100de	0.875 0.0 1.0	1.0 1.0 0.5	323	0.339 0.0 1.0	32.7 44.6 -34.8	56.6 321.9	0.657 1.0	0.0 0.0	32.7 44.6 -34.8	56.6 321.9
40/656	M00R_100_100de	1.0 0.0 1.0	1.0 1.0 0.5	330	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6	0.577 1.0	0.0 0.0	34.9 50.0 -30.5	58.6 328.6
41/655	M13R_100_100de	1.0 0.0 0.875	1.0 1.0 0.5	337	0.538 0.0 1.0	38.0 55.7 -25.7	61.4 335.2	0.459 1.0	0.0 0.0	38.0 55.7 -25.7	61.4 335.2
42/654	M25R_100_100de	1.0 0.0 0.75	1.0 1.0 0.5	344	0.663 0.0 1.0	41.2 62.0 -20.3	65.2 341.8	0.336 1.0	0.0 0.0	41.2 62.0 -20.3	65.2 341.8
43/653	M38R_100_100de	1.0 0.0 0.625	1.0 1.0 0.5	352	0.843 0.0 1.0	45.2 69.7 -12.9	70.9 349.4	0.156 0.999	0.0 0.0	45.2 69.7 -12.9	70.9 349.4
44/652	M50R_100_100de	1.0 0.0 0.5	1.0 1.0 0.5	360	0.948 0.0 1.0	47.3 72.7 -10.1	73.5 352.0	0.051 1.0	0.0 0.0	47.3 72.7 -10.1	73.5 352.0
45/651	M63R_100_100de	1.0 0.0 0.375	1.0 1.0 0.5	368	1.0 0.0 0.706	48.1 71.6 1.2	71.7 0.9	0.0 1.0	0.294 0.0	48.1 71.6 1.2	71.7 0.9
46/650	M75R_100_100de	1.0 0.0 0.25	1.0 1.0 0.5	376	1.0 0.0 0.486	47.8 69.5 12.1	70.6 9.8	0.0 1.0	0.511 0.0	47.8 69.5 12.1	70.6 9.8
47/649	M88R_100_100de	1.0 0.0 0.125	1.0 1.0 0.5	383	1.0 0.0 0.317	47.8 67.7 21.6	71.1 17.6	0.0 1.0	0.68 0.0	47.8 67.7 21.6	71.1 17.6
48/648	R00Y_100_100de	1.0 0.0 0.0	1.0 1.0 0.5	390	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4	0.0 1.0 0.867	0.0 0.0	47.6 66.3 31.6	73.4 25.4
49/0	NW_000de	0.0 0.0 0.0	0.0 0.0 0.0	360	0.0 0.0 0.0	18.5 0.0 0.0	0.0 0.0	0.0 0.0 1.0	0.0 0.0	18.5 0.0 0.0	0.0 0.0
50/91	NW_013de	0.125 0.125 0.125	0.125 0.0 0.125	360	0.125 0.125 0.125	28.2 0.0 0.0	0.0 0.0	0.011 0.1 0.901	0.0 0.0	28.2 0.0 0.0	0.0 0.0
51/182	NW_025de	0.25 0.25 0.25	0.25 0.0 0.25	360	0.25 0.25 0.25	37.9 0.0 0.0	0.0 0.0	0.003 0.053 0.81	0.0 0.0	37.9 0.0 0.0	0.0 0.0
52/273	NW_038de	0.375 0.375 0.375	0.375 0.0 0.375	360	0.375 0.375 0.375	47.7 0.0 0.0	0.0 0.0	0.016 0.067 0.714	0.0 0.0	47.7 0.0 0.0	0.0 0.0
53/364	NW_050de	0.5 0.5 0.5	0.5 0.0 0.5	360	0.5 0.5 0.5	57.4 0.0 0.0	0.0 0.0	0.033 0.072 0.612	0.0 0.0	57.4 0.0 0.0	0.0 0.0
54/455	NW_063de	0.625 0.625 0.625	0.625 0.0 0.625	360	0.625 0.625 0.625	67.1 0.0 0.0	0.0 0.0	0.014 0.045 0.469	0.0 0.0	67.1 0.0 0.0	0.0 0.0
55/546	NW_075de	0.75 0.75 0.75	0.75 0.0 0.75	360	0.75 0.75 0.75	76.9 0.0 0.0	0.0 0.0	0.0 0.02 0.333	0.0 0.0	76.9 0.0 0.0	0.0 0.0
56/637	NW_088de	0.875 0.875 0.875	0.875 0.0 0.875	360	0.875 0.875 0.875	86.6 0.0 0.0	0.0 0.0	0.014 0.008 0.18	0.0 0.0	86.6 0.0 0.0	0.0 0.0
57/728	NW_100de	1.0 1.0 1.0	1.0 0.0 1.0	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0	0.0 0.0 0.0	0.0 0.0	96.3 0.0 0.0	0.0 0.0

Mean color difference of this page: delta

TUB registration: 20130201-SE15/SE15LOFP.PDF /.PS
application for measurement of offset print output, separation_{cmyn6}* (CMYK)
TUB material: code=rha4ta

TUB-test chart SE15; 1080 colours, offset standard paper
colors and differences, ΔE^* , 3D=1, de=1, *cmYk**

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

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE15/SE15L0FP.PDF /.PS
application for measurement of offset print output, separationcyan6* (CMYK)
TUB material: code=rha4ta

n/j	HIC*F _{de}	rgb_F _{de}	ic _t _F _{de}	hsi_F _{de}	rgb*F _{de}	LabCh*F _{de}	cmyn*sep_F _{de}	hsi_M _{de}	rgb*M _{de}	LabCh*M _{de}
0/648	R00Y_100_100de	1.0 0.0 0.0	1.0 1.0 0.5	390	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4	0.0 1.0 0.867	0.0	0.0
1/666	R25Y_100_100de	1.0 0.25 0.0	1.0 1.0 0.5	44	1.0 0.172 0.0	53.4 52.6 45.8	69.7 41.0	0.0 0.826 1.0	0.0	0.0
2/684	R50Y_100_100de	1.0 0.5 0.0	1.0 1.0 0.5	60	1.0 0.378 0.0	62.5 34.1 56.6	66.1 58.8	0.0 0.62 1.0	0.0	0.0
3/702	R75Y_100_100de	1.0 0.75 0.0	1.0 1.0 0.5	76	1.0 0.584 0.0	72.7 16.2 69.0	70.9 76.7	0.0 0.415 1.0	0.0	0.0
4/720	Y00G_100_100de	1.0 1.0 0.0	1.0 1.0 0.5	90	1.0 0.868 0.0	85.1 -3.3 83.7	83.7 92.3	0.0 0.132 1.0	0.0	0.0
5/558	Y25G_100_100de	0.75 1.0 0.0	1.0 1.0 0.5	104	0.615 1.0 0.0	77.6 -23.7 70.5	74.4 108.6	0.385 0.0 1.0	0.0	0.0
6/396	Y50G_100_100de	0.5 1.0 0.0	1.0 1.0 0.5	120	0.35 1.0 0.0	67.2 -38.9 51.1	64.2 127.2	0.648 0.0 1.0	0.0	0.0
7/234	Y75G_100_100de	0.25 1.0 0.0	1.0 1.0 0.5	136	0.163 1.0 0.0	57.9 -53.6 36.3	64.8 145.9	0.836 0.0 1.0	0.0	0.0
8/72	G00B_100_100de	0.0 1.0 0.0	1.0 1.0 0.5	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2	1.0 0.0 0.988	0.0	0.0
9/72	G00B_100_100de	0.0 1.0 0.0	1.0 1.0 0.5	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2	1.0 0.0 0.988	0.0	0.0
10/76	G25B_100_100de	0.0 1.0 0.5	1.0 1.0 0.5	180	0.0 1.0 0.403	54.0 -55.4 -9.3	56.2 189.6	1.0 0.0 0.593	0.0	0.0
11/80	G50B_100_100de	0.0 1.0 1.0	1.0 1.0 0.5	210	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9	1.0 0.0 0.286	0.0	0.0
12/44	G75B_100_100de	0.0 0.5 1.0	1.0 1.0 0.5	240	0.0 0.744 1.0	51.1 -21.9 -45.6	50.6 244.3	1.0 0.257 0.0	0.0	0.0
13/8	B00M_100_100de	0.0 0.0 1.0	1.0 1.0 0.5	270	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7	1.0 0.639 0.0	0.0	0.0
14/332	B25R_100_100de	0.5 0.0 1.0	1.0 1.0 0.5	300	0.055 0.0 1.0	26.2 26.8 -46.1	53.3 300.1	0.944 1.0 0.0	0.0	0.0
15/656	B50R_100_100de	1.0 0.0 1.0	1.0 1.0 0.5	330	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6	0.577 1.0 0.0	0.0	0.0
16/652	B75R_100_100de	1.0 0.0 0.5	1.0 1.0 0.5	360	0.948 0.0 1.0	47.3 72.7 -10.1	73.5 352.0	0.051 1.0 0.0	0.0	0.0
17/648	R00Y_100_100de	1.0 0.0 0.0	1.0 1.0 0.5	390	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4	0.0 1.0 0.867	0.0	0.0
18/688	R00Y_100_050de	1.0 0.5 0.5	1.0 0.5 0.75	390	1.0 0.5 0.565	72.0 33.1 15.8	36.7 25.4	0.0 0.5 0.375	0.0	0.0
19/706	R50Y_100_050de	1.0 0.75 0.5	1.0 0.5 0.75	60	1.0 0.689 0.5	79.4 17.0 28.3	33.0 58.8	0.0 0.375 0.5	0.0	0.0
20/724	Y00G_100_050de	1.0 1.0 0.5	1.0 0.5 0.75	90	1.0 0.934 0.5	90.7 -1.6 41.8	41.8 92.3	0.0 0.07 0.553	0.0	0.0
21/562	Y50G_100_050de	0.75 1.0 0.5	1.0 0.5 0.75	120	0.675 1.0 0.5	81.8 -19.4 25.5	32.1 127.2	0.347 0.0 0.532	0.0	0.0
22/400	G00B_100_050de	0.5 1.0 0.5	1.0 0.5 0.75	150	0.5 1.0 0.505	74.0 -34.5 11.0	36.3 162.2	0.623 0.0 0.623	0.0	0.0
23/404	G50B_100_050de	0.5 1.0 1.0	1.0 0.5 0.75	210	0.5 1.0 0.856	76.3 -20.9 -15.7	26.2 216.9	0.596 0.0 0.141	0.0	0.0
24/368	B00R_100_050de	0.5 0.5 1.0	1.0 0.5 0.75	270	0.5 0.679 1.0	66.5 0.7 -23.3	23.3 271.7	0.541 0.302 0.0	0.029	0.0
25/692	B50R_100_050de	1.0 0.5 1.0	1.0 0.5 0.75	330	0.71 0.5 1.0	65.6 25.0 -15.2	29.3 328.6	0.272 0.517 0.0	0.005	0.0
26/688	R00Y_100_050de	1.0 0.5 0.5	1.0 0.5 0.75	390	1.0 0.5 0.565	72.0 33.1 15.8	36.7 25.4	0.0 0.5 0.375	0.0	0.0
27/506	R00Y_075_050de	0.75 0.25 0.25	0.75 0.5 0.5	390	0.75 0.25 0.315	52.5 33.1 15.8	36.7 25.4	0.0 0.678 0.541	0.271	0.0
28/524	R50Y_075_050de	0.75 0.5 0.25	0.75 0.5 0.5	60	0.75 0.439 0.25	60.0 17.0 28.3	33.0 58.8	0.0 0.464 0.673	0.287	0.0
29/542	Y00G_075_050de	0.75 0.75 0.25	0.75 0.5 0.5	90	0.75 0.684 0.25	71.3 -1.6 41.8	41.8 92.3	0.0 0.154 0.729	0.296	0.0
30/380	Y50G_075_050de	0.5 0.75 0.25	0.75 0.5 0.5	120	0.425 0.75 0.25	62.3 -19.4 25.5	32.1 127.2	0.438 0.0 0.691	0.335	0.0
31/218	G00B_075_050de	0.25 0.75 0.25	0.75 0.5 0.5	150	0.25 0.75 0.255	54.5 -34.5 11.0	36.3 162.2	0.757 0.0 0.672	0.259	0.0
32/222	G50B_075_050de	0.25 0.75 0.75	0.75 0.5 0.5	210	0.25 0.75 0.606	56.8 -20.9 -15.7	26.2 216.9	0.703 0.0 0.207	0.315	0.0
33/186	B00R_075_050de	0.25 0.25 0.75	0.75 0.5 0.5	270	0.25 0.429 0.75	47.0 0.7 -23.3	23.3 271.7	0.637 0.408 0.0	0.368	0.0
34/510	B50R_075_050de	0.75 0.25 0.75	0.75 0.5 0.5	330	0.46 0.25 0.75	46.2 25.0 -15.2	29.3 328.6	0.309 0.635 0.0	0.37	0.0
35/506	R00Y_075_050de	0.75 0.25 0.25	0.75 0.5 0.5	390	0.75 0.25 0.315	52.5 33.1 15.8	36.7 25.4	0.0 0.678 0.541	0.271	0.0
36/324	R00Y_050_050de	0.5 0.0 0.0	0.5 0.5 0.25	390	0.5 0.0 0.065	33.1 33.1 15.8	36.7 25.4	0.0 0.831 0.734	0.569	0.0
37/342	R50Y_050_050de	0.5 0.25 0.0	0.5 0.5 0.25	60	0.5 0.189 0.0	40.5 17.0 28.3	33.0 58.8	0.0 0.587 0.83	0.571	0.0
38/360	Y00G_050_050de	0.5 0.5 0.0	0.5 0.5 0.25	90	0.5 0.434 0.0	51.8 -1.6 41.8	41.8 92.3	0.0 0.216 0.867	0.5	0.0
39/198	Y50G_050_050de	0.25 0.5 0.0	0.5 0.5 0.25	120	0.175 0.5 0.0	42.9 -19.4 25.5	32.1 127.2	0.519 0.0 0.801	0.619	0.0
40/36	G00B_050_050de	0.0 0.5 0.0	0.5 0.5 0.25	150	0.0 0.5 0.005	35.1 -34.5 11.0	36.3 162.2	0.801 0.0 0.801	0.619	0.0
41/40	G50B_050_050de	0.0 0.5 0.5	0.5 0.5 0.25	210	0.0 0.5 0.356	37.4 -20.9 -15.7	26.2 216.9	0.797 0.0 0.265	0.625	0.0
42/4	B00R_050_050de	0.0 0.0 0.5	0.5 0.5 0.25	270	0.0 0.179 0.5	27.6 0.7 -23.3	23.3 271.7	0.797 0.531 0.0	0.625	0.0
43/328	B50R_050_050de	0.5 0.0 0.5	0.5 0.5 0.25	330	0.21 0.0 0.5	26.7 25.0 -15.2	29.3 328.6	0.476 0.798 0.0	0.623	0.0
44/324	R00Y_050_050de	0.5 0.0 0.0	0.5 0.5 0.25	390	0.5 0.0 0.065	33.1 33.1 15.8	36.7 25.4	0.0 0.831 0.734	0.569	0.0
45/0	NW_000de	0.0 0.0 0.0	0.0 0.0 0.0	360	0.0 0.0 0.0	18.5 0.0 0.0	0.0 0.0	0.0 0.0 1.0	0.0	0.0
46/91	NW_013de	0.125 0.125 0.125	0.125 0.0 0.125	360	0.125 0.125 0.125	28.2 0.0 0.0	0.0 0.0	0.0 0.011 0.1	0.901	0.0
47/182	NW_025de	0.25 0.25 0.25	0.25 0.0 0.25	360	0.25 0.25 0.25	37.9 0.0 0.0	0.0 0.0	0.0 0.003 0.053	0.81	0.0
48/273	NW_038de	0.375 0.375 0.375	0.375 0.0 0.375	360	0.375 0.375 0.375	47.4 0.0 0.0	0.0 0.0	0.0 0.016 0.067	0.714	0.0
49/364	NW_050de	0.5 0.5 0.5	0.5 0.0 0.5	360	0.5 0.5 0.5	57.4 0.0 0.0	0.0 0.0	0.0 0.033 0.072	0.612	0.0
50/455	NW_063de	0.625 0.625 0.625	0.625 0.0 0.625	360	0.625 0.625 0.625	67.1 0.0 0.0	0.0 0.0	0.0 0.014 0.045	0.469	0.0
51/546	NW_075de	0.75 0.75 0.75	0.75 0.0 0.75	360	0.75 0.75 0.75	76.9 0.0 0.0	0.0 0.0	0.0 0.02 0.033	0.333	0.0
52/637	NW_088de	0.875 0.875 0.875	0.875 0.0 0.875	360	0.875 0.875 0.875	86.6 0.0 0.0	0.0 0.0	0.014 0.0 0.008	0.18	0.0
53/728	NW_100de	1.0 1.0 1.0	1.0 0.0 1.0	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0	0.0 0.0 0.0	0.0	0.0
Mean color difference of this page:										delta

1-1131830-F0

SE150-7N, Page 19/33-F

TUB-test chart SE15; 1080 colours, offset standard paper
colors and differences, ΔE^* , 3D=1, de=1, *cmYk**

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

1-1131830-F0

TUB-test chart SE15; 1080 colours, offset standard paper
colors and differences, ΔE^* , 3D=1, de=1, *cmvk**

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

TUB registration: 20130201-SE15/SE15LOFP.PDF /.PS TUB material: code=rha4ta
- application for measurement of offset print output, separationcmyb* (CMYK)

n-j	HIC*Fde	rgb_Fde	ict_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	cmyn*sep.Fde	hsiMde	rgb*Mde	LabCh*Mde
0	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
1	B00R_012_012de	0.0	0.0	0.125	0.125	0.062	0.270	0.38	0.242	0.0
2	B00R_025_025de	0.0	0.0	0.25	0.25	0.125	0.270	0.569	0.37	0.0
3	B00R_037_037de	0.0	0.0	0.375	0.375	0.187	0.270	0.684	0.479	0.0
4	B00R_050_050de	0.0	0.0	0.5	0.5	0.25	0.270	0.797	0.531	0.0
5	B00R_062_062de	0.0	0.0	0.625	0.625	0.312	0.270	0.868	0.567	0.0
6	B00R_075_075de	0.0	0.0	0.75	0.75	0.375	0.270	0.915	0.602	0.0
7	B00R_087_087de	0.0	0.0	0.875	0.875	0.437	0.270	0.958	0.608	0.0
8	B00R_100_100de	0.0	0.0	1.0	1.0	0.5	0.270	0.958	0.608	0.0
9	G50B_012_012de	0.0	0.125	0.0	0.125	0.062	0.150	0.0	0.011	51.7
10	G50B_012_012de	0.0	0.125	0.125	0.125	0.062	0.210	0.0	0.011	51.7
11	G75B_025_025de	0.0	0.125	0.25	0.25	0.125	0.240	0.0	0.011	51.7
12	G84B_037_037de	0.0	0.125	0.375	0.375	0.187	0.251	0.0	0.011	51.7
13	G88B_050_050de	0.0	0.125	0.5	0.5	0.25	0.256	0.0	0.011	51.7
14	G90B_062_062de	0.0	0.125	0.625	0.625	0.312	0.259	0.0	0.011	51.7
15	G92B_075_075de	0.0	0.125	0.75	0.75	0.375	0.261	0.0	0.011	51.7
16	G93B_087_087de	0.0	0.125	0.875	0.875	0.437	0.262	0.0	0.011	51.7
17	G94B_100_100de	0.0	0.125	1.0	1.0	0.5	0.263	0.0	0.011	51.7
18	G00B_025_025de	0.0	0.25	0.0	0.25	0.125	0.150	0.0	0.011	51.7
19	G25B_025_025de	0.0	0.25	0.125	0.25	0.125	0.180	0.0	0.011	51.7
20	G50B_025_025de	0.0	0.25	0.25	0.25	0.125	0.210	0.0	0.011	51.7
21	G65B_037_037de	0.0	0.25	0.375	0.375	0.187	0.229	0.0	0.011	51.7
22	G75B_050_050de	0.0	0.25	0.5	0.5	0.25	0.240	0.0	0.011	51.7
23	G80B_062_062de	0.0	0.25	0.625	0.625	0.312	0.247	0.0	0.011	51.7
24	G84B_075_075de	0.0	0.25	0.75	0.75	0.375	0.251	0.0	0.011	51.7
25	G86B_087_087de	0.0	0.25	0.875	0.875	0.437	0.254	0.0	0.011	51.7
26	G88B_100_100de	0.0	0.25	1.0	1.0	0.5	0.256	0.0	0.011	51.7
27	G00B_037_037de	0.0	0.375	0.0	0.375	0.187	0.150	0.0	0.011	51.7
28	G15B_037_037de	0.0	0.375	0.125	0.375	0.187	0.169	0.0	0.011	51.7
29	G34B_037_037de	0.0	0.375	0.25	0.375	0.187	0.191	0.0	0.011	51.7
30	G50B_037_037de	0.0	0.375	0.375	0.375	0.187	0.210	0.0	0.011	51.7
31	G61B_050_050de	0.0	0.375	0.5	0.5	0.25	0.224	0.0	0.011	51.7
32	G69B_062_062de	0.0	0.375	0.625	0.625	0.312	0.233	0.0	0.011	51.7
33	G75B_075_075de	0.0	0.375	0.75	0.75	0.375	0.240	0.0	0.011	51.7
34	G79B_087_087de	0.0	0.375	0.875	0.875	0.437	0.245	0.0	0.011	51.7
35	G81B_100_100de	0.0	0.375	1.0	1.0	0.5	0.248	0.0	0.011	51.7
36	G00B_050_050de	0.0	0.5	0.0	0.5	0.25	0.150	0.0	0.011	51.7
37	G11B_050_050de	0.0	0.5	0.125	0.5	0.25	0.164	0.0	0.011	51.7
38	G25B_050_050de	0.0	0.5	0.25	0.5	0.25	0.180	0.0	0.011	51.7
39	G38B_050_050de	0.0	0.5	0.375	0.5	0.25	0.196	0.0	0.011	51.7
40	G50B_050_050de	0.0	0.5	0.5	0.5	0.25	0.210	0.0	0.011	51.7
41	G59B_062_062de	0.0	0.5	0.625	0.625	0.312	0.221	0.0	0.011	51.7
42	G65B_075_075de	0.0	0.5	0.75	0.75	0.375	0.229	0.0	0.011	51.7
43	G70B_087_087de	0.0	0.5	0.875	0.875	0.437	0.235	0.0	0.011	51.7
44	G75B_100_100de	0.0	0.5	1.0	1.0	0.5	0.240	0.0	0.011	51.7
45	G00B_062_062de	0.0	0.625	0.0	0.625	0.312	0.150	0.0	0.011	51.7
46	G09B_062_062de	0.0	0.625	0.125	0.625	0.312	0.161	0.0	0.011	51.7
47	G19B_062_062de	0.0	0.625	0.25	0.625	0.312	0.173	0.0	0.011	51.7
48	G30B_062_062de	0.0	0.625	0.375	0.625	0.312	0.187	0.0	0.011	51.7
49	G40B_062_062de	0.0	0.625	0.5	0.625	0.312	0.199	0.0	0.011	51.7
50	G50B_062_062de	0.0	0.625	0.625	0.625	0.312	0.210	0.0	0.011	51.7
51	G57B_075_075de	0.0	0.625	0.75	0.75	0.375	0.219	0.0	0.011	51.7
52	G63B_087_087de	0.0	0.625	0.875	0.875	0.437	0.226	0.0	0.011	51.7
53	G68B_100_100de	0.0	0.625	1.0	1.0	0.5	0.232	0.0	0.011	51.7
54	G00B_075_075de	0.0	0.75	0.0	0.75	0.375	0.150	0.0	0.011	51.7
55	G07B_075_075de	0.0	0.75	0.125	0.75	0.375	0.159	0.0	0.011	51.7
56	G15B_075_075de	0.0	0.75	0.25	0.75	0.375	0.169	0.0	0.011	51.7
57	G25B_075_075de	0.0	0.75	0.375	0.75	0.375	0.180	0.0	0.011	51.7
58	G34B_075_075de	0.0	0.75	0.5	0.75	0.375	0.191	0.0	0.011	51.7
59	G42B_075_075de	0.0	0.75	0.625	0.75	0.375	0.201	0.0	0.011	51.7
60	G50B_075_075de	0.0	0.75	0.75	0.75	0.375	0.210	0.0	0.011	51.7
61	G56B_087_087de	0.0	0.75	0.875	0.875	0.437	0.218	0.0	0.011	51.7
62	G61B_100_100de	0.0	0.75	1.0	1.0	0.5	0.224	0.0	0.011	51.7
63	G00B_087_087de	0.0	0.875	0.0	0.875	0.437	0.150	0.0	0.011	51.7
64	G06B_087_087de	0.0	0.875	0.125	0.875	0.437	0.158	0.0	0.011	51.7
65	G13B_087_087de	0.0	0.875	0.25	0.875	0.437	0.166	0.0	0.011	51.7
66	G20B_087_087de	0.0	0.875	0.375	0.875	0.437	0.175	0.0	0.011	51.7
67	G29B_087_087de	0.0	0.875	0.5	0.875	0.437	0.185	0.0	0.011	51.7
68	G36B_087_087de	0.0	0.875	0.625	0.875	0.437	0.195	0.0	0.011	51.7
69	G43B_087_087de	0.0	0.875	0.75	0.875	0.437	0.202	0.0	0.011	51.7
70	G50B_087_087de	0.0	0.875	0.875	0.875	0.437	0.210	0.0	0.011	51.7
71	G55B_100_100de	0.0	0.875	1.0	1.0	0.5	0.217	0.0	0.011	51.7
72	G00B_100_100de	0.0	1.0	0.0	1.0	0.5	0.150	0.0	0.011	51.7
73	G05B_100_100de	0.0	1.0	0.125	1.0	0.5	0.157	0.0	0.011	51.7
74	G11B_100_100de	0.0	1.0	0.25	1.0	0.5	0.164	0.0	0.011	51.7
75	G18B_100_100de	0.0	1.0	0.375	1.0	0.5	0.172	0.0	0.011	51.7
76	G25B_100_100de	0.0	1.0	0.5	1.0	0.5	0.180	0.0	0.011	51.7
77	G31B_100_100de	0.0	1.0	0.625	1.0	0.5	0.188	0.0	0.011	51.7
78	G38B_100_100de	0.0	1.0	0.75	1.0	0.5	0.196	0.0	0.011	51.7
79	G44B_100_100de	0.0	1.0	0.875	1.0	0.5	0.203	0.0	0.011	51.7
80	G50B_100_100de	0.0	1.0	1.0	1.0	0.5	0.210	0.0	0.011	51.7

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n	HIC*Fde	rgb_Fde	icf_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	cmyn*sep,Fde	hsiM.de	rgb*Mde	LabCh*Mde
81	R00Y_012_012de	0.125 0.0 0.0	0.125 0.125 0.062	390	0.125 0.0 0.016	22.1 8.2 3.9	9.1 25.4	0.0 0.448 0.429 0.889	383 1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4
82	B50R_012_012de	0.125 0.0 0.125	0.125 0.125 0.062	330	0.052 0.0 0.125	20.5 6.2 -3.8	7.3 32.6	0.186 0.379 0.0 0.914	294 0.42 0.0 1.0	34.9 50.0 -30.5 58.6 328.6
83	B25R_025_025de	0.125 0.0 0.25	0.25 0.25 0.125	300	0.013 0.0 0.25	20.4 6.7 -11.5	13.3 300.1	0.573 0.573 0.0 0.829	272 0.055 0.0 1.0	26.2 26.8 -46.1 53.3 300.1
84	B15R_037_037de	0.125 0.0 0.375	0.375 0.375 0.187	289	0.0 0.044 0.375	22.0 6.4 -17.8	18.9 289.7	0.685 0.639 0.0 0.75	263 0.0 0.117 1.0	27.9 17.1 -47.6 50.6 289.7
85	B11R_050_050de	0.125 0.0 0.5	0.5 0.5 0.25	284	0.0 0.092 0.5	24.4 6.3 -23.7	24.5 285.0	0.787 0.66 0.0 0.638	259 0.0 0.185 1.0	30.3 12.7 -47.5 49.1 285.0
86	B09R_062_062de	0.125 0.0 0.625	0.625 0.625 0.312	281	0.0 0.14 0.625	26.8 6.3 -29.5	30.2 282.1	0.867 0.65 0.0 0.5	257 0.0 0.224 1.0	31.8 10.1 -47.2 48.3 282.1
87	B07R_075_075de	0.125 0.0 0.75	0.75 0.75 0.375	279	0.0 0.187 0.75	29.2 6.3 -35.2	35.8 280.2	0.918 0.695 0.0 0.368	256 0.0 0.25 1.0	32.7 8.5 -47.0 47.8 280.2
88	B06R_087_087de	0.125 0.0 0.875	0.875 0.875 0.437	278	0.0 0.229 0.875	31.3 6.7 -41.1	41.7 279.3	0.96 0.695 0.0 0.213	255 0.0 0.262 1.0	33.2 7.7 -47.0 47.6 279.3
89	B05R_100_100de	0.125 0.0 1.0	1.0 1.0 0.5	277	0.0 0.274 1.0	33.6 6.9 -47.0	47.5 278.3	1.0 0.723 0.0 0.0	254 0.0 0.274 1.0	33.6 6.9 -47.0 47.5 278.3
90	Y00G_012_012de	0.125 0.125 0.0	0.125 0.125 0.062	90	0.125 0.108 0.0	26.8 -0.4 10.4	10.4 92.3	0.0 0.219 0.484 0.874	83 1.0 0.868 0.0	85.1 -3.3 83.7 83.7 92.3
91	NW_012de	0.125 0.125 0.125	0.125 0.0 0.125	360	0.125 0.125 0.125	28.2 0.0 0.0	0.0 0.0	0.0 0.011 0.1 0.901	360 1.0 1.0 1.0	96.3 0.0 0.0 0.0 0.0
92	B00R_025_012de	0.125 0.125 0.25	0.25 0.125 0.187	270	0.124 0.169 0.25	30.5 0.1 -5.8	5.8 271.7	0.349 0.211 0.0 0.831	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
93	B00R_037_025de	0.125 0.125 0.375	0.375 0.25 0.25	270	0.124 0.214 0.375	32.8 0.3 -11.6	11.6 271.7	0.52 0.31 0.0 0.755	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
94	B00R_050_037de	0.125 0.125 0.5	0.5 0.375 0.312	270	0.124 0.259 0.5	35.0 0.5 -17.4	17.4 271.7	0.648 0.39 0.0 0.647	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
95	B00R_062_050de	0.125 0.125 0.625	0.625 0.5 0.375	270	0.125 0.304 0.625	37.3 0.7 -23.3	23.3 271.7	0.734 0.454 0.0 0.517	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
96	B00R_075_062de	0.125 0.125 0.75	0.75 0.625 0.437	270	0.125 0.348 0.75	39.6 0.8 -29.1	29.1 271.7	0.792 0.496 0.0 0.375	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
97	B00R_087_075de	0.125 0.125 0.875	0.875 0.75 0.5	270	0.125 0.393 0.875	41.8 1.0 -34.9	34.9 271.7	0.839 0.518 0.0 0.214	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
98	B00R_100_087de	0.125 0.125 1.0	1.0 0.875 0.562	270	0.125 0.438 1.0	44.1 1.2 -40.8	40.8 271.7	0.878 0.54 0.0 0.013	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
99	Y50G_025_025de	0.125 0.25 0.0	0.25 0.25 0.125	120	0.087 0.25 0.0	30.7 -9.7 12.7	16.0 127.2	0.335 0.0 0.57 0.831	129 0.35 1.0 0.0	67.2 -38.9 51.1 64.2 127.2
100	G00B_025_012de	0.125 0.25 0.125	0.25 0.125 0.187	150	0.124 0.25 0.126	32.4 -8.6 2.7	9.0 162.2	0.484 0.0 0.471 0.81	150 0.0 1.0 0.011	51.7 -69.1 22.1 72.6 162.2
101	G50B_025_012de	0.125 0.25 0.25	0.25 0.125 0.187	210	0.124 0.25 0.214	32.9 -5.2 -3.9	6.5 216.9	0.425 0.0 0.127 0.818	193 0.0 1.0 0.712	56.3 -41.9 -31.5 52.4 216.9
102	G75B_037_025de	0.125 0.25 0.375	0.375 0.25 0.25	240	0.124 0.311 0.375	36.4 -5.4 -11.4	12.6 244.3	0.535 0.077 0.0 0.75	224 0.0 0.744 1.0	51.1 -21.9 -45.6 50.6 244.3
103	G84B_050_037de	0.125 0.25 0.5	0.5 0.375 0.312	251	0.124 0.341 0.5	38.3 -4.8 -17.3	18.0 254.3	0.66 0.248 0.0 0.644	234 0.0 0.578 1.0	45.4 -12.9 -46.2 48.0 254.3
104	G88B_062_050de	0.125 0.25 0.625	0.625 0.5 0.375	256	0.125 0.384 0.625	40.5 -4.5 -23.1	23.6 259.9	0.739 0.335 0.0 0.509	238 0.0 0.519 1.0	43.1 -9.0 -46.3 47.2 259.9
105	G90B_075_062de	0.125 0.25 0.75	0.75 0.625 0.437	259	0.125 0.427 0.75	42.7 -4.2 -29.0	29.3 261.6	0.795 0.403 0.0 0.368	241 0.0 0.484 1.0	41.7 -6.7 -46.4 46.9 261.6
106	G92B_087_075de	0.125 0.25 0.875	0.875 0.75 0.5	261	0.125 0.471 0.875	44.9 -3.9 -34.8	35.1 263.5	0.845 0.439 0.0 0.208	242 0.0 0.461 1.0	40.8 -5.2 -46.5 46.8 263.5
107	G93B_100_087de	0.125 0.25 1.0	1.0 0.875 0.562	262	0.125 0.518 1.0	47.3 -3.9 -40.7	40.9 264.4	0.882 0.467 0.0 0.004	243 0.0 0.449 1.0	40.3 -4.5 -46.5 46.7 264.4
108	Y68G_037_037de	0.125 0.375 0.0	0.375 0.375 0.187	131	0.085 0.375 0.0	34.1 -18.4 15.3	23.9 140.0	0.623 0.0 0.687 0.749	137 0.229 1.0 0.0	60.1 -49.0 41.0 63.9 140.0
109	G00B_037_025de	0.125 0.375 0.125	0.375 0.25 0.25	150	0.124 0.375 0.127	36.5 -17.2 5.5	18.1 162.2	0.658 0.0 0.599 0.716	150 0.0 1.0 0.011	51.7 -69.1 22.1 72.6 162.2
110	G25B_037_025de	0.125 0.375 0.25	0.375 0.25 0.25	180	0.124 0.375 0.225	37.1 -13.8 -2.3	14.0 189.6	0.626 0.0 0.378 0.723	173 0.0 1.0 0.403	54.0 -55.4 -9.3 56.2 189.6
111	G50B_037_025de	0.125 0.375 0.375	0.375 0.25 0.25	210	0.124 0.375 0.303	37.7 -10.4 -7.8	13.1 216.9	0.591 0.0 0.171 0.73	193 0.0 1.0 0.712	56.3 -41.9 -31.5 52.4 216.9
112	G65B_050_037de	0.125 0.375 0.5	0.5 0.375 0.312	229	0.124 0.5 0.497	43.0 -12.0 -16.8	20.7 234.3	0.676 0.0 0.013 0.629	209 0.0 1.0 0.993	57.8 -32.2 -44.8 55.2 234.3
113	G75B_062_050de	0.125 0.375 0.625	0.625 0.5 0.375	240	0.125 0.497 0.625	44.5 -10.9 -22.8	25.3 244.3	0.744 0.16 0.0 0.503	224 0.0 0.744 1.0	51.1 -21.9 -45.6 50.6 244.3
114	G80B_075_062de	0.125 0.375 0.75	0.75 0.625 0.437	247	0.125 0.515 0.75	46.2 -10.0 -28.7	30.4 250.7	0.804 0.276 0.0 0.366	231 0.0 0.625 1.0	47.2 -16.0 -45.9 48.7 250.7
115	G84B_087_075de	0.125 0.375 0.875	0.875 0.75 0.5	251	0.125 0.558 0.875	48.4 -9.6 -34.7	36.0 254.3	0.852 0.348 0.0 0.203	234 0.0 0.578 1.0	45.4 -12.9 -46.2 48.0 254.3
116	G86B_100_087de	0.125 0.375 1.0	1.0 0.875 0.562	254	0.125 0.599 1.0	50.5 -9.2 -40.5	41.6 257.1	0.886 0.399 0.0 0.0	237 0.0 0.542 1.0	44.0 -10.5 -46.3 47.5 257.1
117	Y76G_050_050de	0.125 0.5 0.0	0.5 0.5 0.25	136	0.081 0.5 0.0	38.2 -26.8 18.1	32.4 145.9	0.744 0.0 0.798 0.623	141 0.163 1.0 0.0	57.9 -53.6 36.3 64.8 145.9
118	G00B_050_037de	0.125 0.5 0.125	0.5 0.375 0.312	150	0.124 0.5 0.129	40.7 -25.9 8.3	27.2 162.2	0.762 0.0 0.684 0.588	150 0.0 1.0 0.011	51.7 -69.1 22.1 72.6 162.2
119	G15B_050_037de	0.125 0.5 0.25	0.5 0.375 0.312	169	0.124 0.5 0.233	41.3 -22.6 0.1	22.6 179.5	0.75 0.0 0.518 0.594	166 0.0 1.0 0.288	53.2 -60.4 0.4 60.4 179.5
120	G34B_050_037de	0.125 0.5 0.375	0.5 0.375 0.312	191	0.124 0.5 0.316	41.8 -18.9 -6.7	20.1 199.6	0.728 0.0 0.361 0.605	180 0.0 1.0 0.509	54.7 -50.5 -18.0 53.6 199.6
121	G50B_050_037de	0.125 0.5 0.5	0.5 0.375 0.312	210	0.124 0.5 0.392	42.4 -15.7 -11.8	19.6 216.9	0.706 0.0 0.211 0.614	193 0.0 1.0 0.712	56.3 -41.9 -31.5 52.4 216.9
122	G61B_062_050de	0.125 0.5 0.625	0.625 0.5 0.375	224	0.125 0.625 0.581	47.7 -17.4 -20.6	27.0 229.7	0.765 0.0 0.078 0.484	205 0.0 1.0 0.912	57.4 -34.9 -41.3 54.1 229.7
123	G69B_075_062de	0.125 0.5 0.75	0.75 0.625 0.437	233	0.125 0.686 0.75	51.3 -17.7 -28.3	33.4 237.9	0.81 0.066 0.0 0.352	215 0.0 0.898 1.0	55.4 -28.3 -45.3 53.5 237.9
124	G75B_087_075de	0.125 0.5 0.875	0.875 0.75 0.5	240	0.125 0.683 0.875	52.7 -16.4 -34.2	37.9 244.3	0.856 0.204 0.0 0.203	224 0.0 0.744 1.0	51.1 -21.9 -45.6 50.6 244.3
125	G79B_100_087de	0.125 0.5 1.0	1.0 0.875 0.562	245	0.125 0.702 1.0	54.3 -15.5 -40.2	43.1 248.9	0.891 0.288 0.0 0.006	229 0.0 0.659 1.0	48.3 -17.7 -45.9 49.2 248.9
126	Y81G_062_062de	0.125 0.625 0.0	0.625 0.625 0.312	139	0.077 0.625 0.0	42.3 -35.1 20.7	40.8 149.4	0.813 0.0 0.87 0.494	143 0.123 1.0 0.0	56.6 -56.2 33.2 65.3 149.4
127	G00B_062_050de	0.125 0.625 0.125	0.625 0.5 0.375	150	0.125 0.625 0.13	44.8 -34.5 11.0	36.3 162.2	0.829 0.0 0.748 0.444	150 0.0 1.0 0.011	51.7 -69.1 22.1 72.6 162.2
128	G11B_062_050de	0.125 0.625 0.25	0.625 0.5 0.375	164	0.125 0.625 0.24	45.4 -31.3 2.7	31.4 175.0	0.825 0.0 0.609 0.448	162 0.0 1.0 0.23	52.9 -62.6 5.4 62.8 175.0
129	G25B_062_050de	0.125 0.6								

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n	HIC*F _{de}	rgb_F _{de}	ic _t _F _{de}	hsi_F _{de}	rgb*F _{de}	LabCh*F _{de}	cmyn*sep.F _{de}	hsi_M _{de}	rgb*M _{de}	LabCh*M _{de}
162	R00Y_025_025de	0.25 0.0 0.0	0.25 0.25 0.125	390	0.25 0.0 0.032	25.8 16.5 7.9	18.3 25.4	0.0 0.637	0.591 0.788	383 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4
163	R00Y_025_025de	0.25 0.0 0.125	0.25 0.25 0.125	360	0.237 0.0 0.25	25.7 18.1 -2.5	18.3 352.0	0.0 0.608	0.125 0.808	327 0.948 0.0 1.0 47.3 72.7 -10.1 73.5 352.0
164	B50R_025_025de	0.25 0.0 0.25	0.25 0.25 0.125	330	0.105 0.0 0.25	22.6 12.5 -7.6	14.6 328.6	0.304 0.576	0.0 0.828	294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6
165	B34R_037_037de	0.25 0.0 0.375	0.375 0.375 0.187	311	0.084 0.0 0.375	22.6 13.1 -15.3	20.2 310.5	0.624 0.693	0.0 0.743	282 0.225 0.0 1.0 29.5 35.1 -41.0 54.0 310.5
166	B25R_050_050de	0.25 0.0 0.5	0.5 0.5 0.25	300	0.027 0.0 0.5	22.3 13.4 -23.0	26.6 300.1	0.791 0.791	0.0 0.632	272 0.055 0.0 1.0 26.2 26.8 -46.1 53.3 300.1
167	B19R_062_062de	0.25 0.0 0.625	0.625 0.625 0.312	293	0.0 0.026 0.625	23.2 13.0 -29.9	32.6 293.5	0.868 0.805	0.0 0.498	267 0.0 0.042 1.0 26.0 20.8 -47.8 52.2 293.5
168	B15R_075_075de	0.25 0.0 0.75	0.75 0.75 0.375	289	0.0 0.088 0.75	25.5 12.8 -35.7	37.9 289.7	0.919 0.816	0.0 0.365	263 0.0 0.117 1.0 27.9 17.1 -47.6 50.6 289.7
169	B13R_087_087de	0.25 0.0 0.875	0.875 0.875 0.437	286	0.0 0.139 0.875	28.0 12.6 -41.6	43.5 286.9	0.963 0.797	0.0 0.2	261 0.0 0.159 1.0 29.3 14.4 -47.6 49.7 286.9
170	B11R_100_100de	0.25 0.0 1.0	1.0 1.0 0.5	284	0.0 0.185 1.0	30.3 12.7 -47.5	49.1 285.0	1.0 0.812	0.0 0.0	259 0.0 0.185 1.0 30.3 12.7 -47.5 49.1 285.0
171	R50Y_025_025de	0.25 0.125 0.0	0.25 0.25 0.125	60	0.25 0.094 0.0	29.5 8.5 14.1	16.5 58.8	0.0 0.521	0.629 0.794	51 1.0 0.378 0.0 62.5 34.1 56.6 66.1 58.8
172	R00Y_025_012de	0.25 0.125 0.125	0.25 0.125 0.187	390	0.25 0.124 0.141	31.9 8.2 3.9	9.1 25.4	0.0 0.483	0.364 0.794	383 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4
173	B50R_025_012de	0.25 0.125 0.25	0.25 0.125 0.187	330	0.177 0.124 0.25	30.3 6.2 -3.8	7.3 328.6	0.108 0.402	0.0 0.83	294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6
174	B25R_037_025de	0.25 0.125 0.375	0.375 0.25 0.25	300	0.138 0.124 0.375	30.1 6.7 -11.5	13.3 300.1	0.486 0.518	0.0 0.753	272 0.055 0.0 1.0 26.2 26.8 -46.1 53.3 300.1
175	B15R_050_037de	0.25 0.125 0.5	0.5 0.375 0.312	289	0.124 0.169 0.5	31.7 6.4 -17.8	18.9 289.7	0.64 0.545	0.0 0.646	263 0.0 0.117 1.0 27.9 17.1 -47.6 50.6 289.7
176	B11R_062_050de	0.25 0.125 0.625	0.625 0.5 0.375	284	0.125 0.217 0.625	34.1 6.3 -23.7	24.5 285.0	0.728 0.567	0.0 0.51	259 0.0 0.185 1.0 30.3 12.7 -47.5 49.1 285.0
177	B09R_075_062de	0.25 0.125 0.75	0.75 0.625 0.437	281	0.125 0.265 0.75	36.5 6.3 -29.5	30.2 282.1	0.79 0.595	0.0 0.371	257 0.0 0.224 1.0 31.8 10.1 -47.2 48.3 282.1
178	B07R_087_075de	0.25 0.125 0.875	0.875 0.75 0.5	279	0.125 0.312 0.875	38.9 6.3 -35.2	35.8 280.2	0.836 0.602	0.0 0.212	256 0.0 0.25 1.0 32.7 8.5 -47.0 47.8 280.2
179	B06R_100_087de	0.25 0.125 1.0	1.0 0.875 0.562	278	0.125 0.354 1.0	41.1 6.7 -41.1	41.7 279.3	0.875 0.617	0.0 0.007	255 0.0 0.262 1.0 33.2 7.7 -47.0 47.6 279.3
180	Y00G_025_025de	0.25 0.25 0.0	0.25 0.25 0.125	90	0.25 0.217 0.0	35.1 -0.8 20.9	20.9 92.3	0.0 0.343	0.686 0.75	83 1.0 0.868 0.0 85.1 -3.3 83.7 83.7 92.3
181	Y00G_025_012de	0.25 0.25 0.125	0.25 0.125 0.187	90	0.25 0.233 0.124	36.5 -0.4 10.4	10.4 92.3	0.0 0.139	0.508 0.797	83 1.0 0.868 0.0 85.1 -3.3 83.7 83.7 92.3
182	NW_025de	0.25 0.25 0.25	0.25 0.0 0.25	360	0.25 0.25 0.25	37.9 0.0 0.0	0.0 0.0	0.0 0.003	0.053 0.81	360 1.0 1.0 1.0 96.3 0.0 0.0 0.0 0.0
183	B00R_037_012de	0.25 0.25 0.375	0.375 0.125 0.312	270	0.249 0.294 0.375	40.2 0.1 -5.8	5.8 271.7	0.207 0.133	0.0 0.75	249 0.0 0.358 1.0 36.7 1.4 -46.6 46.6 271.7
184	B00R_050_025de	0.25 0.25 0.5	0.5 0.25 0.375	270	0.249 0.339 0.5	42.5 0.3 -11.6	11.6 271.7	0.424 0.271	0.0 0.641	249 0.0 0.358 1.0 36.7 1.4 -46.6 46.6 271.7
185	B00R_062_037de	0.25 0.25 0.625	0.625 0.375 0.437	270	0.25 0.384 0.625	44.8 0.5 -17.4	17.4 271.7	0.547 0.347	0.0 0.509	249 0.0 0.358 1.0 36.7 1.4 -46.6 46.6 271.7
186	B00R_075_050de	0.25 0.25 0.75	0.75 0.5 0.5	270	0.25 0.429 0.75	47.0 0.7 -23.3	23.3 271.7	0.637 0.408	0.0 0.368	249 0.0 0.358 1.0 36.7 1.4 -46.6 46.6 271.7
187	B00R_087_062de	0.25 0.25 0.875	0.875 0.625 0.562	270	0.25 0.473 0.875	49.3 0.8 -29.1	29.1 271.7	0.697 0.438	0.0 0.218	249 0.0 0.358 1.0 36.7 1.4 -46.6 46.6 271.7
188	B00R_100_075de	0.25 0.25 1.0	1.0 0.75 0.625	270	0.25 0.518 1.0	51.6 1.0 -34.9	34.9 271.7	0.736 0.463	0.0 0.024	249 0.0 0.358 1.0 36.7 1.4 -46.6 46.6 271.7
189	Y31G_037_037de	0.25 0.375 0.0	0.375 0.375 0.187	109	0.198 0.375 0.0	39.4 -10.7 23.7	26.0 114.4	0.06 0.0	0.712 0.725	118 0.529 1.0 0.0 74.3 -28.7 63.3 69.5 114.4
190	Y50G_037_025de	0.25 0.375 0.125	0.375 0.25 0.25	120	0.212 0.375 0.124	40.4 -9.7 12.7	16.0 127.2	0.308 0.0	0.603 0.728	129 0.35 1.0 0.0 67.2 -38.9 51.1 64.2 127.2
191	G00B_037_012de	0.25 0.375 0.25	0.375 0.125 0.312	150	0.249 0.375 0.251	42.1 -8.6 2.7	9.0 162.2	0.372 0.0	0.37 0.706	193 0.0 1.0 0.011 51.7 -69.1 22.1 72.6 162.2
192	G50B_037_012de	0.25 0.375 0.375	0.375 0.125 0.312	210	0.249 0.375 0.339	42.7 -5.2 3.9	6.5 216.9	0.308 0.0	0.123 0.722	150 0.0 1.0 0.712 56.3 -41.9 -31.5 52.4 216.9
193	G75B_050_025de	0.25 0.375 0.5	0.5 0.25 0.375	240	0.249 0.436 0.5	46.1 -5.4 -11.4	12.6 244.3	0.453 0.066	0.0 0.633	224 0.0 0.744 1.0 51.1 -21.9 -45.6 50.6 244.3
194	G84B_062_037de	0.25 0.375 0.625	0.625 0.375 0.437	251	0.25 0.466 0.625	48.0 -4.8 -17.3	18.0 254.3	0.564 0.214	0.0 0.503	234 0.0 0.578 1.0 45.4 -12.9 -46.2 48.0 254.3
195	G88B_075_050de	0.25 0.375 0.75	0.75 0.5 0.5	256	0.25 0.509 0.75	50.2 -4.5 -23.1	23.6 258.9	0.649 0.296	0.0 0.366	238 0.0 0.519 1.0 43.1 -9.0 -46.3 47.2 258.9
196	G90B_087_062de	0.25 0.375 0.875	0.875 0.625 0.562	259	0.25 0.552 0.875	52.4 -4.2 -29.0	29.3 261.6	0.707 0.355	0.0 0.208	241 0.0 0.484 1.0 41.7 -6.7 -46.4 46.9 261.6
197	G92B_100_075de	0.25 0.375 1.0	1.0 0.75 0.625	261	0.25 0.596 1.0	54.7 -3.9 -34.8	35.1 263.5	0.742 0.398	0.0 0.018	242 0.0 0.461 1.0 40.8 -5.2 -46.5 46.8 263.5
198	Y50G_050_050de	0.25 0.5 0.0	0.5 0.5 0.25	120	0.175 0.5 0.0	42.9 -19.4 25.5	32.1 127.2	0.519 0.0	0.801 0.619	129 0.35 1.0 0.0 67.2 -38.9 51.1 64.2 127.2
199	Y68G_050_037de	0.25 0.5 0.125	0.5 0.375 0.312	131	0.21 0.5 0.124	43.8 -18.4 15.3	23.9 140.0	0.543 0.0	0.704 0.607	137 0.229 1.0 0.0 60.1 -49.0 41.0 63.9 140.0
200	G00B_050_025de	0.25 0.5 0.25	0.5 0.25 0.375	150	0.249 0.5 0.252	46.2 -17.2 5.5	18.1 162.2	0.57 0.0	0.52 0.57	150 1.0 1.0 0.011 51.7 -69.1 22.1 72.6 162.2
201	G25B_050_025de	0.25 0.5 0.375	0.5 0.25 0.375	180	0.249 0.5 0.35	46.8 -13.8 -2.3	14.0 189.6	0.542 0.0	0.336 0.584	203 0.0 1.0 0.011 51.7 -69.1 22.1 72.6 162.2
202	G50B_050_025de	0.25 0.5 0.5	0.5 0.25 0.375	210	0.249 0.5 0.428	47.4 -10.4 -7.8	13.1 216.9	0.507 0.0	0.158 0.604	193 0.0 1.0 0.712 56.3 -41.9 -31.5 52.4 216.9
203	G65B_062_037de	0.25 0.5 0.625	0.625 0.375 0.437	229	0.25 0.625 0.622	52.7 -12.0 -16.8	20.7 234.3	0.589 0.0	0.019 0.484	209 0.0 1.0 0.993 57.8 -32.2 -44.8 55.2 234.3
204	G75B_075_050de	0.25 0.5 0.75	0.75 0.5 0.5	240	0.25 0.622 0.75	54.3 -10.9 -22.8	25.3 244.3	0.661 0.137	0.0 0.362	224 0.0 0.744 1.0 51.1 -21.9 -45.6 50.6 244.3
205	G80B_087_062de	0.25 0.5 0.875	0.875 0.625 0.562	247	0.25 0.64 0.875	55.9 -10.0 -28.7	30.4 250.7	0.72 0.242	0.0 0.209	231 0.0 0.625 1.0 47.2 -16.0 -45.9 48.7 250.7
206	G84B_100_075de	0.25 0.5 1.0	1.0 0.75 0.625	251	0.25 0.683 1.0	58.1 -9.6 -34.7	36.0 254.3	0.755 0.307	0.0 0.014	234 0.0 0.578 1.0 45.4 -12.9 -46.2 48.0 254.3
207	Y61G_062_062de	0.25 0.625 0.0	0.625 0.625 0.312	127	0.172 0.625 0.0	46.0 -28.8 28.0	39.9 135.4	0.659 0.0	0.874 0.485	134 0.275 1.0 0.0 62.5 -45.4 44.8 63.8 135.4
208	Y76G_062_050de	0.25 0.625 0.125	0.625 0.5 0.375	136	0.206 0.625 0.125	47.9 -26.8 18.1	32.4 145.9	0.659 0.0	0.768 0.463	141 0.163 1.0 0.0 57.9 -53.6 36.3 64.8 145.9
209	G00B_062_037de	0.25 0.625 0.25	0.625 0.375 0.437	150	0.25 0.625 0.254	50.4 -25.9 8.3	27.2 162.2	0.68 0.0	0.61 0.422	150 0.0 1.0 0.011 51.7 -69.1 22.1 72.6 162.2
210	G15B_062_037de	0								

http://130.149.60.45/~farbmetrik/SE15/SE15LOFP.PDF /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FP.DAT in file (F), page 24/33

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n	HIC*Fde	rgb_Fde	icf_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	cmymn*sep.Fde	hsiM.de	rgb*Mde	LabCh*Mde
324	R00Y_050_050de	0.5	0.0	0.0	0.5	0.5	0.0	0.831	0.734	0.569
325	R26Y_050_050de	0.5	0.0	0.125	0.5	0.5	0.0	0.828	0.478	0.576
326	R00Y_050_050de	0.5	0.0	0.25	0.5	0.5	0.0	0.82	0.068	0.589
327	B61R_050_050de	0.5	0.0	0.375	0.5	0.5	0.0	0.663	0.0	0.623
328	B50R_050_050de	0.5	0.0	0.5	0.5	0.5	0.0	0.42	0.0	0.623
329	B40R_062_062de	0.5	0.0	0.625	0.625	0.625	0.0	0.306	0.0	0.498
330	B34R_075_075de	0.5	0.0	0.75	0.75	0.75	0.0	0.225	0.0	0.365
331	B29R_087_087de	0.5	0.0	0.875	0.875	0.875	0.0	0.112	0.0	0.206
332	B25R_100_100de	0.5	0.0	1.0	1.0	1.0	0.0	0.055	0.0	0.0
333	R23Y_050_050de	0.5	0.125	0.0	0.5	0.5	0.0	0.086	0.0	0.571
334	R00Y_050_037de	0.5	0.125	0.125	0.5	0.375	0.0	0.124	0.174	0.561
335	R18Y_050_037de	0.5	0.125	0.25	0.5	0.375	0.0	0.124	0.356	0.569
336	B65R_050_037de	0.5	0.125	0.375	0.5	0.375	0.0	0.124	0.5	0.629
337	B50R_050_037de	0.5	0.125	0.5	0.5	0.375	0.0	0.124	0.5	0.633
338	B38R_062_050de	0.5	0.125	0.625	0.625	0.5	0.0	0.265	0.125	0.491
339	B30R_075_062de	0.5	0.125	0.75	0.75	0.625	0.0	0.215	0.125	0.356
340	B25R_087_075de	0.5	0.125	0.875	0.875	0.75	0.0	0.166	0.125	0.205
341	B20R_100_087de	0.5	0.125	1.0	1.0	0.875	0.0	0.125	0.128	0.021
342	R50Y_050_050de	0.5	0.25	0.0	0.5	0.5	0.0	0.189	0.0	0.571
343	R31Y_050_037de	0.5	0.25	0.125	0.5	0.375	0.0	0.216	0.124	0.567
344	R00Y_050_025de	0.5	0.25	0.25	0.5	0.25	0.0	0.249	0.282	0.563
345	R00Y_050_025de	0.5	0.25	0.375	0.5	0.25	0.0	0.487	0.249	0.581
346	B50R_050_025de	0.5	0.25	0.5	0.5	0.25	0.0	0.355	0.249	0.637
347	B34R_062_037de	0.5	0.25	0.625	0.625	0.375	0.0	0.334	0.25	0.498
348	B25R_075_050de	0.5	0.25	0.75	0.75	0.5	0.0	0.277	0.25	0.58
349	B19R_087_062de	0.5	0.25	0.875	0.875	0.625	0.0	0.225	0.276	0.678
350	B15R_100_075de	0.5	0.25	1.0	1.0	0.75	0.0	0.25	0.338	0.724
351	R76Y_050_050de	0.5	0.375	0.0	0.5	0.5	0.0	0.292	0.0	0.5
352	R68Y_050_037de	0.5	0.375	0.125	0.5	0.375	0.0	0.32	0.124	0.577
353	R50Y_050_025de	0.5	0.375	0.25	0.5	0.25	0.0	0.344	0.249	0.576
354	R00Y_050_012de	0.5	0.375	0.375	0.5	0.125	0.0	0.375	0.391	0.582
355	B50R_050_012de	0.5	0.375	0.5	0.5	0.125	0.0	0.427	0.375	0.644
356	B25R_062_025de	0.5	0.375	0.625	0.625	0.25	0.0	0.388	0.375	0.516
357	B15R_075_037de	0.5	0.375	0.75	0.75	0.375	0.0	0.375	0.419	0.575
358	B11R_087_050de	0.5	0.375	0.875	0.875	0.5	0.0	0.375	0.467	0.581
359	B09R_100_062de	0.5	0.375	1.0	1.0	0.625	0.0	0.375	0.515	0.649
360	Y00G_050_050de	0.5	0.5	0.0	0.5	0.5	0.0	0.5	0.434	0.923
361	Y00G_050_037de	0.5	0.5	0.125	0.5	0.375	0.0	0.5	0.45	0.923
362	Y00G_050_025de	0.5	0.5	0.25	0.5	0.25	0.0	0.5	0.467	0.923
363	Y00G_050_012de	0.5	0.5	0.375	0.5	0.125	0.0	0.5	0.483	0.923
364	NW_050de	0.5	0.5	0.5	0.5	0.0	0.0	0.5	0.5	0.0
365	B00R_062_012de	0.5	0.5	0.625	0.625	0.125	0.0	0.5	0.544	0.271
366	B00R_075_025de	0.5	0.5	0.75	0.75	0.25	0.0	0.5	0.589	0.271
367	B00R_087_037de	0.5	0.5	0.875	0.875	0.375	0.0	0.5	0.634	0.271
368	B00R_100_050de	0.5	0.5	1.0	1.0	0.5	0.0	0.5	0.679	0.271
369	Y18G_062_062de	0.5	0.625	0.0	0.625	0.625	0.0	0.435	0.625	0.0
370	Y23G_062_050de	0.5	0.625	0.125	0.625	0.5	0.0	0.432	0.625	0.125
371	Y31G_062_037de	0.5	0.625	0.25	0.625	0.375	0.0	0.448	0.625	0.25
372	Y50G_062_025de	0.5	0.625	0.375	0.625	0.25	0.0	0.462	0.625	0.375
373	G00B_062_012de	0.5	0.625	0.5	0.625	0.125	0.0	0.5	0.625	0.501
374	G50B_062_012de	0.5	0.625	0.625	0.625	0.125	0.0	0.5	0.625	0.589
375	G75B_075_025de	0.5	0.625	0.75	0.75	0.25	0.0	0.5	0.686	0.75
376	G84B_087_037de	0.5	0.625	0.875	0.875	0.375	0.0	0.5	0.716	0.875
377	G88B_100_050de	0.5	0.625	1.0	1.0	0.5	0.0	0.5	0.759	1.0
378	Y31G_075_075de	0.5	0.75	0.0	0.75	0.75	0.0	0.396	0.75	0.0
379	Y38G_075_062de	0.5	0.75	0.125	0.75	0.625	0.0	0.411	0.75	0.125
380	Y50G_075_050de	0.5	0.75	0.25	0.75	0.5	0.0	0.425	0.75	0.25
381	Y68G_075_037de	0.5	0.75	0.375	0.75	0.375	0.0	0.46	0.75	0.375
382	G00B_075_025de	0.5	0.75	0.5	0.75	0.25	0.0	0.5	0.75	0.502
383	G25B_075_025de	0.5	0.75	0.625	0.75	0.25	0.0	0.5	0.75	0.663
384	G50B_075_025de	0.5	0.75	0.75	0.75	0.25	0.0	0.5	0.75	0.678
385	G65B_087_037de	0.5	0.75	0.875	0.875	0.375	0.0	0.5	0.875	0.875
386	G75B_100_050de	0.5	0.75	1.0	1.0	0.5	0.0	0.5	0.872	1.0
387	Y41G_087_087de	0.5	0.875	0.0	0.875	0.875	0.0	0.37	0.875	0.0
388	Y50G_087_075de	0.5	0.875	0.125	0.875	0.75	0.0	0.387	0.875	0.125
389	Y61G_087_062de	0.5	0.875	0.25	0.875	0.625	0.0	0.422	0.875	0.25
390	Y76G_087_050de	0.5	0.875	0.375	0.875	0.5	0.0	0.456	0.875	0.375
391	G00B_087_037de	0.5	0.875	0.5	0.875	0.375	0.0	0.5	0.875	0.504
392	G15B_087_037de	0.5	0.875	0.625	0.875	0.375	0.0	0.5	0.875	0.608
393	G34B_087_037de	0.5	0.875	0.75	0.875	0.375	0.0	0.5	0.875	0.691
394	G50B_087_037de	0.5	0.875	0.875	0.875	0.375	0.0	0.5	0.875	0.767
395	G61B_100_050de	0.5	0.875	1.0	1.0	0.5	0.0	0.5	1.0	0.956
396	Y50G_100_100de	0.5	1.0	0.0	1.0	1.0	0.0	0.35	1.0	0.0
397	Y58G_100_087de	0.5	1.0	0.125	1.0	0.875	0.0	0.385	1.0	0.125
398	Y68G_100_075de	0.5	1.0	0.25	1.0	0.75	0.0	0.421	1.0	0.25
399	Y81G_100_062de	0.5	1.0	0.375	1.0	0.625	0.0	0.452	1.0	0.375
400	G00B_100_050de	0.5	1.0	0.5	1.0	0.5	0.0	0.5	1.0	0.505
401	G11B_100_050de	0.5	1.0	0.625	1.0	0.5	0.0	0.5	1.0	0.615
402	G25B_100_050de	0.5	1.0	0.75	1.0	0.5	0.0	0.5	1.0	0.701
403	G38B_100_050de	0.5	1.0	0.875	1.0	0.5	0.0	0.5	1.0	0.781
404	G50B_100_050de	0.5	1.0	1.0	1.0	0.5	0.0	0.5	1.0	0.856

1-112330-F0

SE150-7N, Page 24/33-F

TUB-test chart SE15; 1080 colours, offset standard paper
colors and differences, ΔE^* , 3D=1, de=1, *cmYk**

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

1-112330-F0

TUB registration: 20130201-SE15/SE15LOFP.PDF /.PS
application for measurement of offset print output, separation_{cmYn6}* (CMYK)
TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE15/SE15LOFP.PDF /.PS
application for measurement of offset print output, separationcyan6* (CMYK)
TUB material: code=rha4ta

n	HIC*Fde	rgb_Fde	icf_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	cmymn*sep.Fde	hsi_Mde	rgb*Mde	LabCh*Mde
405	R00Y_062_062de	0.625 0.0 0.0	0.625 0.625 0.312	390	0.625 0.0 0.082	36.7 41.4 19.7	45.9 25.4 0.0	0.891 0.786 0.444	383 1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4
406	R31Y_062_062de	0.625 0.0 0.125	0.625 0.625 0.312	379	0.625 0.0 0.258	36.8 42.9 10.1	44.1 13.2 0.0	0.889 0.561 0.448	365 1.0 0.0 0.414	47.8 68.7 16.1 70.6 13.2
407	R11Y_062_062de	0.625 0.0 0.25	0.625 0.625 0.312	367	0.625 0.0 0.46	37.0 44.9 -0.1	44.9 359.8 0.0	0.887 0.307 0.454	344 1.0 0.0 0.736	48.1 71.9 -0.1 71.9 359.8
408	B69R_062_062de	0.625 0.0 0.375	0.625 0.625 0.312	353	0.548 0.0 0.625	35.6 44.2 -7.4	44.8 350.4 0.0	0.868 0.047 0.498	323 0.877 0.0 1.0	45.9 70.7 -11.9 71.7 350.4
409	B59R_062_062de	0.625 0.0 0.5	0.625 0.625 0.312	341	0.382 0.0 0.625	31.9 37.0 -14.1	39.6 339.0 0.299	0.869 0.0 0.496	307 0.612 0.0 1.0	39.9 59.2 -22.6 63.4 339.0
410	B50R_062_062de	0.625 0.0 0.625	0.625 0.625 0.312	330	0.262 0.0 0.625	28.8 31.2 -19.0	36.6 328.6 0.48	0.868 0.0 0.498	294 0.42 0.0 1.0	34.9 50.0 -30.5 58.6 328.6
411	B42R_075_075de	0.625 0.0 0.75	0.75 0.75 0.375	321	0.242 0.0 0.75	28.7 32.3 -27.0	42.1 320.0 0.622	0.921 0.0 0.357	288 0.323 0.0 1.0	32.2 43.0 -36.0 56.1 320.0
412	B36R_087_087de	0.625 0.0 0.875	0.875 0.875 0.375	314	0.231 0.0 0.875	28.9 32.8 -34.6	47.7 313.4 0.732	0.96 0.0 0.201	284 0.264 0.0 1.0	30.4 37.5 -39.6 54.5 313.4
413	B31R_100_100de	0.625 0.0 1.0	1.0 1.0 0.5	308	0.164 0.0 1.0	28.5 32.9 -42.5	53.8 307.7 0.834	1.0 0.0 0.0	278 0.164 0.0 1.0	28.5 32.9 -42.5 53.8 307.7
414	R18Y_062_062de	0.625 0.125 0.0	0.625 0.625 0.312	41	0.625 0.081 0.0	39.3 35.1 27.1	44.4 37.7 0.0	0.814 0.89 0.445	36 1.0 0.13 0.0	51.7 56.1 43.4 71.0 37.7
415	R00Y_062_050de	0.625 0.125 0.125	0.625 0.5 0.375	390	0.625 0.125 0.19	42.8 33.1 15.8	36.7 25.4 0.0	0.759 0.621 0.429	383 1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4
416	R26Y_062_050de	0.625 0.125 0.25	0.625 0.5 0.375	376	0.625 0.125 0.368	42.9 34.7 6.0	35.3 9.8 0.0	0.759 0.414 0.436	360 1.0 0.0 0.486	47.8 65.9 12.1 70.6 9.8
417	R00Y_062_050de	0.625 0.125 0.375	0.625 0.5 0.375	360	0.599 0.125 0.625	42.6 36.3 -5.0	36.7 352.0 0.0	0.752 0.111 0.457	327 0.948 0.0 1.0	47.3 72.7 -10.1 73.5 352.0
418	B61R_062_050de	0.625 0.125 0.5	0.625 0.5 0.375	344	0.546 0.125 0.625	39.6 31.0 -10.1	32.6 341.8 0.135	0.718 0.0 0.507	310 0.663 0.0 1.0	41.2 62.0 -20.3 65.2 341.8
419	B50R_062_050de	0.625 0.125 0.625	0.625 0.5 0.375	330	0.335 0.125 0.625	36.4 25.0 -15.2	29.3 328.6 0.356	0.726 0.0 0.495	294 0.42 0.0 1.0	34.9 50.0 -30.5 58.6 328.6
420	B40R_075_062de	0.625 0.125 0.75	0.75 0.625 0.437	319	0.316 0.125 0.75	36.4 25.9 -23.2	34.8 318.1 0.532	0.784 0.0 0.348	287 0.306 0.0 1.0	31.7 41.5 -37.1 55.7 318.1
421	B34R_087_075de	0.625 0.125 0.875	0.875 0.75 0.5	311	0.294 0.125 0.875	36.5 26.3 -30.7	40.5 310.5 0.644	0.814 0.0 0.194	282 0.225 0.0 1.0	29.5 35.1 -41.0 54.0 310.5
422	B29R_100_087de	0.625 0.125 1.0	1.0 0.875 0.562	305	0.223 0.125 1.0	36.1 26.8 -38.4	46.9 304.9 0.734	0.852 0.0 0.005	275 0.112 0.0 1.0	27.5 30.6 -43.9 53.6 304.9
423	R38Y_062_062de	0.625 0.25 0.0	0.625 0.625 0.312	53	0.625 0.182 0.0	43.5 26.2 32.5	41.8 51.0 0.0	0.683 0.889 0.448	46 1.0 0.292 0.0	58.5 42.0 52.1 66.9 51.0
424	R23Y_062_050de	0.625 0.25 0.125	0.625 0.5 0.375	44	0.625 0.211 0.125	45.7 26.3 22.9	34.8 41.0 0.0	0.669 0.726 0.431	39 1.0 0.172 0.0	53.4 52.6 45.8 69.7 41.0
425	R00Y_062_037de	0.625 0.25 0.25	0.625 0.375 0.437	390	0.625 0.25 0.299	48.9 24.8 11.8	27.5 25.4 0.0	0.623 0.485 0.418	383 1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4
426	R18Y_062_037de	0.625 0.25 0.375	0.625 0.375 0.437	371	0.625 0.25 0.481	49.0 26.5 2.0	26.5 4.3 0.0	0.622 0.272 0.429	352 1.0 0.0 0.617	48.0 70.7 5.3 70.9 4.3
427	B65R_062_037de	0.625 0.25 0.5	0.625 0.375 0.437	349	0.53 0.25 0.625	47.2 24.9 -5.9	25.6 346.6 0.0	0.586 0.04 0.498	315 0.747 0.0 1.0	43.2 66.6 -15.8 68.5 346.6
428	B50R_062_037de	0.625 0.25 0.625	0.625 0.375 0.437	330	0.407 0.25 0.625	44.1 18.7 -11.4	21.9 328.6 0.244	0.56 0.0 0.51	294 0.42 0.0 1.0	34.9 50.0 -30.5 58.6 328.6
429	B38R_075_050de	0.625 0.25 0.75	0.75 0.5 0.5	316	0.39 0.25 0.75	44.1 19.5 -19.3	27.5 315.3 0.451	0.625 0.0 0.359	285 0.281 0.0 1.0	30.9 39.1 -38.6 55.0 315.3
430	B30R_087_062de	0.625 0.25 0.875	0.875 0.625 0.562	307	0.349 0.25 0.875	44.0 20.1 -26.8	33.5 306.8 0.588	0.672 0.0 0.201	277 0.144 0.0 1.0	28.1 32.2 -43.0 53.7 306.8
431	B25R_100_075de	0.625 0.25 1.0	1.0 0.75 0.625	300	0.291 0.25 1.0	43.7 20.1 -34.5	40.0 300.1 0.692	0.714 0.0 0.0	272 0.055 0.0 1.0	26.2 26.8 -46.1 53.3 300.1
432	R61Y_062_062de	0.625 0.375 0.0	0.625 0.625 0.312	67	0.625 0.294 0.0	48.6 16.6 38.5	41.9 66.6 0.0	0.548 0.89 0.446	58 1.0 0.47 0.0	66.7 26.5 61.6 67.1 66.6
433	R50Y_062_050de	0.625 0.375 0.125	0.625 0.5 0.375	60	0.625 0.314 0.125	50.2 17.0 28.3	33.0 58.8 0.0	0.532 0.756 0.433	51 1.0 0.378 0.0	62.5 34.1 56.6 66.1 58.8
434	R31Y_062_037de	0.625 0.375 0.25	0.625 0.375 0.437	49	0.625 0.341 0.25	52.1 17.4 18.4	25.3 46.6 0.0	0.52 0.578 0.422	43 1.0 0.242 0.0	56.3 46.4 49.1 67.6 46.6
435	R00Y_062_025de	0.625 0.375 0.375	0.625 0.25 0.5	390	0.625 0.375 0.407	55.0 16.5 7.9	18.3 25.4 0.0	0.474 0.352 0.42	383 1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4
436	R00Y_062_025de	0.625 0.375 0.5	0.625 0.25 0.5	360	0.612 0.375 0.625	54.9 18.1 -2.5	18.3 352.0 0.0	0.465 0.109 0.439	327 0.948 0.0 1.0	47.3 72.7 -10.1 73.5 352.0
437	B50R_062_025de	0.625 0.375 0.625	0.625 0.25 0.5	330	0.48 0.375 0.625	51.8 12.5 -7.6	14.6 328.6 0.12	0.39 0.0 0.517	294 0.42 0.0 1.0	34.9 50.0 -30.5 58.6 328.6
438	B34R_075_037de	0.625 0.375 0.75	0.75 0.375 0.562	311	0.459 0.375 0.75	51.8 13.1 -15.3	20.2 310.5 0.369	0.465 0.0 0.376	282 0.225 0.0 1.0	29.5 35.1 -41.0 54.0 310.5
439	B25R_087_050de	0.625 0.375 0.875	0.875 0.5 0.625	300	0.402 0.375 0.875	51.5 13.4 -23.0	26.6 300.1 0.534	0.525 0.0 0.211	272 0.055 0.0 1.0	26.2 26.8 -46.1 53.3 300.1
440	B19R_100_062de	0.625 0.375 1.0	1.0 0.625 0.687	293	0.375 0.401 1.0	52.4 13.0 -29.9	32.6 293.5 0.642	0.55 0.0 0.017	267 0.0 0.042 1.0	26.0 20.8 -47.8 52.2 293.5
441	R81Y_062_062de	0.625 0.5 0.0	0.625 0.625 0.312	79	0.625 0.388 0.0	53.7 7.8 44.6	45.2 80.0 0.0	0.407 0.892 0.442	68 1.0 0.622 0.0	74.8 12.5 71.3 72.4 80.0
442	R76Y_062_050de	0.625 0.5 0.125	0.625 0.5 0.375	76	0.625 0.417 0.125	55.3 8.1 34.5	35.4 76.7 0.0	0.383 0.784 0.433	65 1.0 0.584 0.0	72.7 16.2 69.0 70.9 76.7
443	R68Y_062_037de	0.625 0.5 0.25	0.625 0.375 0.437	71	0.625 0.445 0.25	57.0 8.2 24.2	25.6 71.1 0.0	0.36 0.618 0.431	61 1.0 0.522 0.0	69.3 22.0 64.7 68.3 71.1
444	R50Y_062_025de	0.625 0.5 0.375	0.625 0.25 0.5	60	0.625 0.469 0.375	58.7 8.5 14.1	16.5 58.8 0.0	0.336 0.437 0.432	51 1.0 0.378 0.0	62.5 34.1 56.6 66.1 58.8
445	R00Y_062_012de	0.625 0.5 0.5	0.625 0.125 0.562	390	0.625 0.5 0.516	61.1 8.2 3.9	9.1 25.4 0.0	0.287 0.21 0.437	383 1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4
446	B50R_062_012de	0.625 0.5 0.625	0.625 0.125 0.562	330	0.552 0.5 0.625	59.5 6.2 -3.8	7.3 328.6 0.0	0.197 0.0 0.509	294 0.42 0.0 1.0	34.9 50.0 -30.5 58.6 328.6
447	B25R_075_025de	0.625 0.5 0.75	0.75 0.25 0.625	300	0.513 0.5 0.75	59.3 6.7 -11.5	13.3 300.1 0.01	0.307 0.0 0.379	272 0.055 0.0 1.0	26.2 26.8 -46.1 53.3 300.1
448	B15R_087_037de	0.625 0.5 0.875	0.875 0.375 0.687	289	0.5 0.544 0.875	60.9 6.4 -17.8	18.9 289.7 0.434	0.353 0.0 0.221	263 0.0 0.117 1.0	27.9 17.1 -47.6 50.6 289.7
449	B11R_100_050de	0.625 0.5 1.0	1.0 0.5 0.75	284	0.5 0.592 1.0	63.3 6.3 -23.7	24.5 285.0 0.527	0.388 0.0 0.021	259 0.0 0.185 1.0	30.3 12.7 -47.5 49.1 285.0
450	Y00G_062_062de	0.625 0.625 0.0	0.625 0.625 0.312	90	0.625 0.542 0.0	60.1 -2.1 52.3	52.3 92.3 0.0	0.201 0.894 0.436	83 1.0 0.868 0.0	85.1 -3.3 83.7 83.7 92.3
451	Y00G_062_050de	0.625 0.625 0.125	0.625 0.5 0.375	90	0.625 0.559 0.125	61.5 -1.6 41.8	41.8 92.3 0.0	0.176 0.807 0.434	83 1.0 0.868 0.0	85.1 -3.3 83.7 83.7 92.3
452	Y00G_062_037de	0.625 0.625 0.25	0.625 0.375 0.437	90	0.625 0.575 0.25	62.9 -1.2 31.3	31.4 92.3 0.0	0.154 0.659 0.433	83 1.0 0.868 0.0	85.1 -3.3 83.7 83.7 92.3
453	Y00G_062_025de	0.625 0.625 0.375	0.625 0.25 0.5	90	0.625 0.592 0.375	64.3 -0.8 20.9	20.9 92.3 0.0	0.127 0.497 0.435	83 1.0 0.868 0.0	85.1 -3.3 83.7 83.7 92.3
454	Y00G_062_012de	0.625 0.625 0.5	0.625 0.125 0.562	90	0.625 0.608 0.5	65.7 -0.4 10.4	10.4 92.3 0.0	0.085 0.302 0.445	83 1.0 0.868 0.0	85.1 -3.3 83.7 83.7 92.3
455	NW_062de	0.625 0.625 0.625	0.625 0.0 0.625	360	0.625 0.625 0.625	67.1 0.0 0.0	0.0 0.0 0.0	0.014 0.045 0.469	360 1.0 1.0 1.0	96.3 0.0 0.0 0.0 0.0
456	B00R_075_012de	0.625 0.625 0.75	0.75 0.125 0.687	270	0.625 0.669 0.75	69.4 0.1 -5.8	5.8 271.7 0.139	0.078 0.0 0.377	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
457	B00R_087_025de	0.625 0.625 0.875	0.875 0.25 0.75	270	0.625 0.714 0.875	71.7 0.3 -11.6	11.6 271.7 0.299	0.166 0.0 0.217	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
458	B00R_100_037de	0.625 0.625 1.0	1.0 0.375 0.812	270	0.625 0.759 1.0	74.0 0.5 -17.4	17.4 271.7 0.409	0.225 0.0 0.032	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
459	Y15G_075_075de	0.625 0.75 0.0	0.75 0.75 0.375	99	0.567 0.75 0.0	67.5 -13.2 58.1	59.5 102.7 0.168	0.0 0.924 0.349	103 0.756 1.0 0.0	83.8 -17.6 77.4 79.4 102.7
460	Y18G_075_062de	0.625 0.75 0.125	0.75 0.625 0.437	101	0.56 0.75 0.125	67.4 -12.6 46.7	48.3 105.1 0.185	0.0 0.836 0.356	107 0.696 1.0 0.0	81.2 -20.2 74.7 77.4 105.1
461	Y23G_075_050de	0.625 0.75 0.25	0.75 0.5 0.5	104	0.557 0.75 0.25	67.5 -11.8 35.2	37.2 108.6 0.203	0.0 0.706 0.36	112 0.615 1.0 0.0	77.6 -23.7 70.5 74.4 108.6
462	Y31G									

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE15/SE15LOFP.PDF /.PS
application for measurement of offset print output, separationcyan6* (CMYK)

TUB material: code=rha4ta

n	HIC*Fde	rgb_Fde	icf_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	cmyn*sep,Fde	hsi,Mde	rgb*Mde	LabCh*Mde
486	R00Y_075_075de	0.75 0.0 0.0	0.75 0.75 0.375	390	0.75 0.0 0.098	40.3 49.7 23.7	55.1 25.4	0.0 0.936 0.811 0.306	363 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4	
487	R35Y_075_075de	0.75 0.0 0.125	0.75 0.75 0.375	381	0.75 0.0 0.274	40.5 51.1 14.1	53.0 15.4	0.0 0.935 0.605 0.309	388 1.0 0.0 0.365 47.8 68.1 18.8 70.7 15.4	
488	R18Y_075_075de	0.75 0.0 0.25	0.75 0.75 0.375	371	0.75 0.0 0.463	40.6 53.0 4.0	53.1 4.3	0.0 0.934 0.404 0.313	352 1.0 0.0 0.617 48.0 70.7 5.3 70.9 4.3	
489	R00Y_075_075de	0.75 0.0 0.375	0.75 0.75 0.375	376	0.711 0.0 0.75	40.1 54.5 -7.6	55.1 352.0	0.0 0.927 0.067 0.338	327 0.948 0.0 1.0 47.3 72.7 -10.1 73.5 352.0	
490	B65R_075_075de	0.75 0.0 0.5	0.75 0.75 0.375	349	0.56 0.0 0.75	37.1 49.9 -11.8	51.3 346.6	0.149 0.915 0.0 0.376	315 0.747 0.0 1.0 43.2 66.6 -15.8 68.5 346.6	
491	B57R_075_075de	0.75 0.0 0.625	0.75 0.75 0.375	339	0.431 0.0 0.75	33.8 43.1 -18.1	46.8 337.1	0.385 0.912 0.0 0.363	304 0.575 0.0 1.0 38.9 57.5 -24.2 62.4 337.1	
492	B50R_075_075de	0.75 0.0 0.75	0.75 0.75 0.375	330	0.315 0.0 0.75	30.8 37.5 -22.8	43.9 328.6	0.507 0.92 0.0 0.362	294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6	
493	B43R_087_087de	0.75 0.0 0.875	0.875 0.875 0.437	322	0.29 0.0 0.875	30.7 38.3 -31.0	43.9 321.0	0.631 0.963 0.0 0.2	288 0.331 0.0 1.0 32.4 43.8 -35.4 56.4 321.0	
494	B38R_100_100de	0.75 0.0 1.0	1.0 1.0 0.5	316	0.281 0.0 1.0	30.9 39.1 -38.6	55.0 315.3	0.715 1.0 0.0 0.0	285 0.281 0.0 1.0 30.9 39.1 -38.6 55.0 315.3	
495	R15Y_075_075de	0.75 0.125 0.0	0.75 0.75 0.375	39	0.75 0.069 0.0	42.5 44.2 31.5	54.3 35.5	0.0 0.868 0.937 0.305	34 1.0 0.092 0.0 50.5 58.9 42.0 72.4 35.5	
496	R00Y_075_062de	0.75 0.125 0.125	0.75 0.625 0.437	390	0.75 0.125 0.207	46.4 41.4 19.7	45.9 25.4	0.0 0.8 0.662 0.278	363 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4	
497	R31Y_075_062de	0.75 0.125 0.25	0.75 0.625 0.437	379	0.75 0.125 0.383	46.6 42.9 10.1	44.1 13.2	0.0 0.805 0.485 0.284	385 1.0 0.0 0.414 47.8 68.7 16.1 70.6 13.2	
498	R11Y_075_062de	0.75 0.125 0.375	0.75 0.625 0.437	367	0.75 0.125 0.585	46.7 44.9 -0.1	44.9 359.8	0.0 0.805 0.279 0.288	344 1.0 0.0 0.736 48.1 71.9 -0.1 71.9 359.8	
499	B69R_075_062de	0.75 0.125 0.5	0.75 0.625 0.437	353	0.673 0.125 0.75	45.4 44.2 -7.4	44.8 350.4	0.0 0.802 0.055 0.344	307 0.877 0.0 1.0 45.9 70.7 -11.9 71.7 350.4	
500	B59R_075_062de	0.75 0.125 0.625	0.75 0.625 0.437	341	0.507 0.125 0.75	41.6 37.0 -14.1	39.6 339.0	0.245 0.779 0.0 0.368	300 0.612 0.0 1.0 39.9 59.2 -22.6 63.4 339.0	
501	B50R_075_062de	0.75 0.125 0.75	0.75 0.625 0.437	330	0.387 0.125 0.75	38.5 31.2 -19.0	36.6 328.6	0.418 0.777 0.0 0.357	294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6	
502	B42R_087_075de	0.75 0.125 0.875	0.875 0.75 0.5	321	0.367 0.125 0.875	38.5 32.3 -27.0	42.1 320.0	0.559 0.814 0.0 0.189	288 0.323 0.0 1.0 32.2 43.0 -36.0 56.1 320.0	
503	B36R_100_087de	0.75 0.125 1.0	1.0 0.875 0.562	314	0.356 0.125 1.0	38.6 32.8 -34.6	47.7 313.4	0.658 0.845 0.0 0.0	284 0.264 0.0 1.0 30.4 37.5 -39.6 54.5 313.4	
504	R31Y_075_075de	0.75 0.25 0.0	0.75 0.75 0.375	49	0.75 0.182 0.0	46.8 34.8 36.8	50.7 46.6	0.0 0.735 0.936 0.308	43 1.0 0.242 0.0 56.3 46.4 49.1 67.6 46.6	
505	R18Y_075_062de	0.75 0.25 0.125	0.75 0.625 0.437	41	0.75 0.206 0.125	49.0 35.1 27.1	44.4 37.7	0.0 0.724 0.769 0.284	36 1.0 0.13 0.0 51.7 56.1 43.4 71.0 37.7	
506	R00Y_075_050de	0.75 0.25 0.25	0.75 0.5 0.5	390	0.75 0.25 0.315	52.5 33.1 15.8	36.7 25.4	0.0 0.678 0.541 0.271	383 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4	
507	R26Y_075_050de	0.75 0.25 0.375	0.75 0.5 0.5	376	0.75 0.25 0.493	52.6 34.7 6.0	35.3 9.8	0.0 0.68 0.363 0.278	360 1.0 0.0 0.486 47.8 69.5 12.1 70.6 9.8	
508	R00Y_075_050de	0.75 0.25 0.5	0.75 0.5 0.5	360	0.724 0.25 0.75	52.3 36.3 -5.0	36.7 352.0	0.0 0.681 0.108 0.301	327 0.948 0.0 1.0 47.3 72.7 -10.1 73.5 352.0	
509	B61R_075_050de	0.75 0.25 0.625	0.75 0.5 0.5	344	0.581 0.25 0.75	49.3 31.0 -10.1	32.6 341.8	0.099 0.656 0.0 0.373	310 0.663 0.0 1.0 41.2 62.0 -20.3 65.2 341.8	
510	B50R_075_050de	0.75 0.25 0.75	0.75 0.5 0.5	330	0.46 0.25 0.75	46.2 25.0 -15.2	29.3 328.6	0.309 0.635 0.0 0.37	294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6	
511	B40R_087_062de	0.75 0.25 0.875	0.875 0.625 0.562	319	0.441 0.25 0.875	46.2 25.9 -23.2	34.8 318.1	0.489 0.68 0.0 0.2	287 0.306 0.0 1.0 31.7 41.5 -37.1 55.7 318.1	
512	B34R_100_075de	0.75 0.25 1.0	1.0 0.75 0.625	311	0.419 0.25 1.0	46.2 26.3 -30.7	40.5 310.5	0.623 0.72 0.0 0.0	282 0.225 0.0 1.0 29.5 35.1 -41.0 54.0 310.5	
513	R50Y_075_075de	0.75 0.375 0.0	0.75 0.75 0.375	60	0.75 0.283 0.0	51.5 25.6 42.4	49.6 58.8	0.0 0.615 0.934 0.313	51 1.0 0.378 0.0 62.5 34.1 56.6 66.1 58.8	
514	R38Y_075_062de	0.75 0.375 0.125	0.75 0.625 0.437	53	0.75 0.307 0.125	53.2 26.2 32.5	41.8 51.0	0.0 0.603 0.8 0.294	46 1.0 0.292 0.0 58.5 42.0 52.1 66.9 51.0	
515	R23Y_075_050de	0.75 0.375 0.25	0.75 0.5 0.5	44	0.75 0.336 0.25	55.4 26.3 22.9	34.8 41.0	0.0 0.593 0.64 0.278	39 1.0 0.172 0.0 53.4 52.6 45.8 69.7 41.0	
516	R00Y_075_037de	0.75 0.375 0.375	0.75 0.375 0.562	390	0.75 0.375 0.424	58.6 24.8 11.8	27.5 25.4	0.0 0.551 0.428 0.269	383 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4	
517	R18Y_075_037de	0.75 0.375 0.5	0.75 0.375 0.562	371	0.75 0.375 0.606	58.8 26.5 2.0	26.5 4.3	0.0 0.552 0.239 0.28	352 1.0 0.0 0.617 48.0 70.7 5.3 70.9 4.3	
518	B65R_075_037de	0.75 0.375 0.625	0.75 0.375 0.562	349	0.655 0.375 0.75	57.0 24.9 -5.9	25.6 346.6	0.0 0.535 0.039 0.353	315 0.747 0.0 1.0 43.2 66.6 -15.8 68.5 346.6	
519	B50R_075_037de	0.75 0.375 0.75	0.75 0.375 0.562	330	0.532 0.375 0.75	53.8 18.7 -11.4	21.9 328.6	0.21 0.502 0.0 0.371	294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6	
520	B38R_087_050de	0.75 0.375 0.875	0.875 0.5 0.625	316	0.515 0.375 0.875	53.9 19.5 -19.3	27.5 315.3	0.405 0.555 0.0 0.199	285 0.281 0.0 1.0 30.9 39.1 -38.6 55.0 315.3	
521	B30R_100_062de	0.75 0.375 1.0	1.0 0.625 0.687	307	0.465 0.375 1.0	53.7 20.1 -26.8	33.5 306.8	0.54 0.594 0.0 0.0	277 0.144 0.0 1.0 28.1 32.2 -43.0 53.7 306.8	
522	R68Y_075_075de	0.75 0.5 0.0	0.75 0.75 0.375	71	0.75 0.391 0.0	56.6 16.5 48.5	51.2 71.1	0.0 0.499 0.936 0.309	61 1.0 0.522 0.0 69.3 22.0 64.7 68.3 71.1	
523	R61Y_075_062de	0.75 0.5 0.125	0.75 0.625 0.437	67	0.75 0.419 0.125	58.4 16.6 38.5	41.9 66.6	0.0 0.475 0.82 0.296	58 1.0 0.47 0.0 66.7 26.5 61.6 67.1 66.6	
524	R50Y_075_050de	0.75 0.5 0.25	0.75 0.5 0.5	60	0.75 0.439 0.25	60.0 17.0 28.3	33.0 58.8	0.0 0.464 0.673 0.287	51 1.0 0.378 0.0 62.5 34.1 56.6 66.1 58.8	
525	R31Y_075_037de	0.75 0.5 0.375	0.75 0.375 0.562	49	0.75 0.466 0.375	61.9 17.4 18.4	25.3 46.6	0.0 0.456 0.516 0.279	49 1.0 0.242 0.0 56.3 46.4 49.1 67.6 46.6	
526	R00Y_075_025de	0.75 0.5 0.5	0.75 0.25 0.625	390	0.75 0.5 0.532	64.7 16.5 7.9	18.3 25.4	0.0 0.414 0.31 0.279	383 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4	
527	R00Y_075_025de	0.75 0.5 0.625	0.75 0.25 0.625	360	0.737 0.5 0.75	64.6 18.1 -2.5	18.3 352.0	0.0 0.41 0.097 0.298	327 0.948 0.0 1.0 47.3 72.7 -10.1 73.5 352.0	
528	B50R_075_025de	0.75 0.5 0.75	0.75 0.25 0.625	330	0.605 0.5 0.75	61.5 12.5 -7.6	14.6 328.6	0.098 0.359 0.0 0.373	294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6	
529	B34R_087_037de	0.75 0.5 0.875	0.875 0.375 0.687	311	0.584 0.5 0.875	61.5 13.1 -15.3	20.2 310.5	0.325 0.425 0.0 0.204	282 0.225 0.0 1.0 29.5 35.1 -41.0 54.0 310.5	
530	B25R_100_050de	0.75 0.5 1.0	1.0 0.5 0.75	300	0.527 0.5 1.0	61.3 13.4 -23.0	26.6 300.1	0.476 0.469 0.0 0.01	272 0.055 0.0 1.0 26.2 26.8 -46.1 53.3 300.1	
531	R85Y_075_075de	0.75 0.625 0.0	0.75 0.75 0.375	81	0.75 0.494 0.0	62.0 7.4 55.0	55.5 82.2	0.0 0.37 0.936 0.307	70 1.0 0.659 0.0 76.5 9.9 73.4 74.1 82.2	
532	R81Y_075_062de	0.75 0.625 0.125	0.75 0.625 0.437	79	0.75 0.513 0.125	63.4 7.8 44.6	45.2 80.0	0.0 0.347 0.837 0.302	68 1.0 0.622 0.0 74.8 12.5 71.3 72.4 80.0	
533	R76Y_075_050de	0.75 0.625 0.25	0.75 0.5 0.5	76	0.75 0.542 0.25	65.1 8.1 34.5	35.4 76.7	0.0 0.33 0.701 0.294	65 1.0 0.584 0.0 72.7 16.2 69.0 70.9 76.7	
534	R68Y_075_037de	0.75 0.625 0.375	0.75 0.375 0.562	71	0.75 0.57 0.375	66.7 8.2 24.2	25.6 71.1	0.0 0.312 0.553 0.292	61 1.0 0.522 0.0 69.3 22.0 64.7 68.3 71.1	
535	R50Y_075_025de	0.75 0.625 0.5	0.							

http://130.149.60.45/~farbmetrik/SE15/SE15LOFP.PDF /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FP.DAT in file (F), page 27/33

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

n	HIC*F _{de}	rgb_F _{de}	ic _t _F _{de}	hsi_F _{de}	rgb*F _{de}	LabCh*F _{de}	cmyn*sep_F _{de}	hsi_M _{de}	rgb*M _{de}	LabCh*M _{de}
567	R00Y_087_087 _{de}	0.875 0.0 0.0	0.875 0.875 0.437	390	0.875 0.0 0.115	44.0 58.0 27.6	64.3 25.4	0.0	0.965	0.85 0.173
568	R36Y_087_087 _{de}	0.875 0.0 0.125	0.875 0.875 0.437	382	0.875 0.0 0.298	44.2 59.4 17.6	62.0 16.5	0.0	0.966	0.647 0.174
569	R23Y_087_087 _{de}	0.875 0.0 0.25	0.875 0.875 0.437	374	0.875 0.0 0.471	44.2 61.3 8.2	61.8 7.6	0.0	0.965	0.471 0.175
570	R00Y_087_087 _{de}	0.875 0.0 0.375	0.875 0.875 0.437	365	0.875 0.0 0.715	44.4 63.6 -2.6	63.6 357.6	0.0	0.963	0.228 0.174
571	B70R_087_087 _{de}	0.875 0.0 0.5	0.875 0.875 0.437	355	0.831 0.0 0.875	43.8 63.9 -8.6	64.5 352.3	0.0	0.958	0.024 0.203
572	B63R_087_087 _{de}	0.875 0.0 0.625	0.875 0.875 0.437	346	0.639 0.0 0.875	39.1 55.9 -16.2	58.2 343.7	0.26	0.959	0.0 0.217
573	B56R_087_087 _{de}	0.875 0.0 0.75	0.875 0.875 0.437	338	0.487 0.0 0.875	36.0 49.5 -21.8	54.1 336.1	0.424	0.957	0.0 0.207
574	B50R_087_087 _{de}	0.875 0.0 0.875	0.875 0.875 0.437	330	0.367 0.0 0.875	32.9 43.7 -26.7	51.2 328.6	0.541	0.962	0.0 0.205
575	B44R_100_100 _{de}	0.875 0.0 1.0	1.0 1.0 0.5	323	0.339 0.0 1.0	32.7 44.6 -34.8	56.6 321.9	0.657	1.0	0.0 0.0
576	R13Y_087_087 _{de}	0.875 0.125 0.0	0.875 0.875 0.437	38	0.875 0.063 0.0	45.9 52.8 36.2	64.0 34.3	0.0	0.899	0.969 0.17
577	R00Y_087_075 _{de}	0.875 0.125 0.125	0.875 0.75 0.5	390	0.875 0.125 0.223	50.1 49.7 23.7	55.1 25.4	0.0	0.833	0.704 0.145
578	R35Y_087_075 _{de}	0.875 0.125 0.25	0.875 0.75 0.5	381	0.875 0.125 0.399	50.2 51.1 14.1	53.0 15.4	0.0	0.836	0.54 0.148
579	R18Y_087_075 _{de}	0.875 0.125 0.375	0.875 0.75 0.5	371	0.875 0.125 0.588	50.4 53.0 4.0	53.1 4.3	0.0	0.836	0.359 0.151
580	R00Y_087_075 _{de}	0.875 0.125 0.5	0.875 0.75 0.5	360	0.836 0.125 0.875	49.8 54.5 -7.6	55.1 352.0	0.0	0.837	0.065 0.178
581	B65R_087_075 _{de}	0.875 0.125 0.625	0.875 0.75 0.5	349	0.685 0.125 0.875	46.8 49.9 -11.8	51.3 346.6	0.106	0.837	0.0 0.218
582	B57R_087_075 _{de}	0.875 0.125 0.75	0.875 0.75 0.5	339	0.556 0.125 0.875	43.6 43.1 -18.1	46.8 337.1	0.324	0.83 0.0	0.209
583	B50R_087_075 _{de}	0.875 0.125 0.875	0.875 0.75 0.5	330	0.44 0.125 0.875	40.5 37.5 -22.8	43.9 328.6	0.457	0.819 0.0	0.201
584	B43R_100_087 _{de}	0.875 0.125 1.0	1.0 0.875 0.562	322	0.415 0.125 1.0	40.4 38.3 -31.0	49.3 321.0	0.578	0.855 0.0	0.0
585	R26Y_087_087 _{de}	0.875 0.25 0.0	0.875 0.875 0.437	46	0.875 0.175 0.0	50.1 43.8 41.3	60.3 43.3	0.0	0.779	0.969 0.17
586	R15Y_087_075 _{de}	0.875 0.25 0.125	0.875 0.75 0.5	39	0.875 0.194 0.125	52.2 44.2 31.5	54.3 35.5	0.0	0.773	0.814 0.147
587	R00Y_087_062 _{de}	0.875 0.25 0.25	0.875 0.625 0.562	390	0.875 0.25 0.332	56.2 41.4 19.7	45.9 25.4	0.0	0.722	0.585 0.127
588	R31Y_087_062 _{de}	0.875 0.25 0.375	0.875 0.625 0.562	379	0.875 0.25 0.508	56.3 42.9 10.1	44.1 13.2	0.0	0.724	0.429 0.131
589	R11Y_087_062 _{de}	0.875 0.25 0.5	0.875 0.625 0.562	367	0.875 0.25 0.71	56.4 44.9 -0.1	44.9 359.8	0.0	0.727	0.243 0.138
590	B69R_087_062 _{de}	0.875 0.25 0.625	0.875 0.625 0.562	353	0.798 0.25 0.875	55.1 44.2 -7.4	44.8 350.4	0.0	0.717	0.046 0.194
591	B59R_087_062 _{de}	0.875 0.25 0.75	0.875 0.625 0.562	341	0.632 0.25 0.875	51.3 37.0 -14.1	39.6 339.0	0.216	0.715 0.0	0.209
592	B50R_087_062 _{de}	0.875 0.25 0.875	0.875 0.625 0.562	330	0.512 0.25 0.875	48.2 31.2 -19.0	36.6 328.6	0.364	0.699 0.0	0.204
593	B42R_100_075 _{de}	0.875 0.25 1.0	1.0 0.75 0.625	321	0.492 0.25 1.0	48.2 32.7 -27.0	42.1 320.0	0.498	0.749 0.0	0.0
594	R41Y_087_087 _{de}	0.875 0.375 0.0	0.875 0.875 0.437	55	0.875 0.277 0.0	54.5 34.8 46.8	58.3 53.3	0.0	0.672	0.969 0.171
595	R31Y_087_075 _{de}	0.875 0.375 0.125	0.875 0.75 0.5	49	0.875 0.307 0.125	56.6 34.8 36.8	50.7 46.6	0.0	0.659	0.839 0.152
596	R18Y_087_062 _{de}	0.875 0.375 0.25	0.875 0.625 0.562	41	0.875 0.331 0.25	58.7 35.1 27.1	44.4 37.7	0.0	0.655	0.679 0.13
597	R00Y_087_050 _{de}	0.875 0.375 0.375	0.875 0.5 0.625	390	0.875 0.375 0.44	62.2 33.1 15.8	36.7 25.4	0.0	0.613	0.477 0.114
598	R26Y_087_050 _{de}	0.875 0.375 0.5	0.875 0.5 0.625	376	0.875 0.375 0.618	62.3 34.7 6.0	35.3 9.8	0.0	0.616	0.322 0.126
599	R00Y_087_050 _{de}	0.875 0.375 0.625	0.875 0.5 0.625	360	0.849 0.375 0.875	62.1 36.3 -5.0	36.7 352.0	0.0	0.614	0.086 0.152
600	B61R_087_050 _{de}	0.875 0.375 0.75	0.875 0.5 0.625	344	0.706 0.375 0.875	59.0 31.0 -10.1	32.6 341.8	0.095	0.592 0.0	0.215
601	B50R_087_050 _{de}	0.875 0.375 0.875	0.875 0.5 0.625	330	0.585 0.375 0.875	55.9 25.0 -15.2	29.3 328.6	0.275	0.58 0.0	0.207
602	B40R_100_062 _{de}	0.875 0.375 1.0	1.0 0.625 0.687	319	0.566 0.375 1.0	55.9 25.9 -23.2	34.8 318.1	0.414	0.623 0.0	0.0
603	R58Y_087_087 _{de}	0.875 0.5 0.0	0.875 0.875 0.437	65	0.875 0.388 0.0	59.6 25.2 52.7	58.5 64.4	0.0	0.562	0.969 0.172
604	R50Y_087_075 _{de}	0.875 0.5 0.125	0.875 0.75 0.5	60	0.875 0.408 0.125	61.2 25.6 42.4	49.6 58.8	0.0	0.551	0.856 0.154
605	R38Y_087_062 _{de}	0.875 0.5 0.25	0.875 0.625 0.562	53	0.875 0.432 0.25	63.0 26.2 32.5	41.8 51.0	0.0	0.55	0.713 0.137
606	R23Y_087_050 _{de}	0.875 0.5 0.375	0.875 0.5 0.625	44	0.875 0.461 0.375	65.2 26.3 22.9	34.8 41.0	0.0	0.54	0.565 0.121
607	R00Y_087_037 _{de}	0.875 0.5 0.5	0.875 0.375 0.687	390	0.875 0.5 0.549	68.3 24.8 11.8	27.5 25.4	0.0	0.501	0.375 0.114
608	R18Y_087_037 _{de}	0.875 0.5 0.625	0.875 0.375 0.687	371	0.785 0.5 0.731	68.5 26.5 2.0	26.5 4.3	0.0	0.504	0.204 0.128
609	B65R_087_037 _{de}	0.875 0.5 0.75	0.875 0.375 0.687	349	0.478 0.5 0.875	66.7 24.9 -5.9	25.6 346.6	0.0	0.47	0.014 0.21
610	B50R_087_037 _{de}	0.875 0.5 0.875	0.875 0.375 0.687	330	0.657 0.5 0.875	63.6 18.7 -11.4	21.9 328.6	0.19	0.458 0.0	0.21
611	B38R_100_050 _{de}	0.875 0.5 1.0	1.0 0.5 0.75	316	0.64 0.5 1.0	63.6 19.5 -19.3	27.5 315.3	0.361	0.499 0.0	0.0
612	R73Y_087_087 _{de}	0.875 0.625 0.0	0.875 0.875 0.437	74	0.875 0.489 0.0	64.7 16.3 58.9	61.1 74.4	0.0	0.459	0.969 0.17
613	R68Y_087_075 _{de}	0.875 0.625 0.125	0.875 0.75 0.5	71	0.875 0.516 0.125	66.3 16.5 48.5	51.2 71.1	0.0	0.446	0.869 0.157
614	R61Y_087_062 _{de}	0.875 0.625 0.25	0.875 0.625 0.562	67	0.875 0.544 0.25	68.1 16.6 38.5	41.9 66.6	0.0	0.432	0.735 0.145
615	R50Y_087_050 _{de}	0.875 0.625 0.375	0.875 0.5 0.625	60	0.875 0.564 0.375	69.7 17.0 28.3	33.0 58.8	0.0	0.423	0.596 0.138
616	R31Y_087_037 _{de}	0.875 0.625 0.5	0.875 0.375 0.687	49	0.875 0.591 0.5	71.6 17.4 18.4	25.3 46.6	0.0	0.418	0.452 0.127
617	R00Y_087_025 _{de}	0.875 0.625 0.625	0.875 0.25 0.75	390	0.875 0.625 0.657	74.4 16.5 7.9	18.3 25.4	0.0	0.372	0.265 0.127
618	R00Y_087_025 _{de}	0.875 0.625 0.75	0.875 0.25 0.75	360	0.862 0.625 0.875	74.3 18.1 -2.5	18.3 352.0	0.0	0.368	0.061 0.154
619	B50R_087_025 _{de}	0.875 0.625 0.875	0.875 0.25 0.75	330	0.73 0.625 0.875	71.3 12.5 -7.6	14.6 328.6	0.109	0.322 0.0	0.215
620	B34R_100_037 _{de}	0.875 0.625 1.0	1.0 0.375 0.812	311	0.709 0.625 1.0	71.3 13.1 -15.3	20.2 310.5	0.309	0.388 0.0	0.005
621	R86Y_087_087 _{de}	0.875 0.75 0.0	0.875 0.875 0.437	82	0.875 0.594 0.0	70.0 7.5 65.1	65.6 83.4	0.0	0.346	0.969 0.17
622	R85Y_087_075 _{de}	0.875 0.75 0.125	0.875 0.75 0.5	81	0.875 0.619 0.125	71.7 7.4 55.0	55.5 82.2	0.0	0.326	0.883 0.159
623	R81Y_087_062 _{de}	0.875 0.75 0.25	0.875 0.625 0.562	79	0.875 0.638 0.25	73.1 7.8 44.6	45.2 80.0	0.0	0.313	0.757 0.151
624	R76Y_087_050 _{de}	0.875 0.75 0.375	0.875 0.5 0.625	76	0.875 0.667 0.375	74.8 8.1 34.5	35.4 76.7	0.0	0.299	0.628 0.153
625	R68Y_087_037 _{de}	0.875 0.75 0.5	0.875 0.375 0.687	71	0.875 0.695 0.5	76.5 8.2 24.2	25.6 71.1	0.0	0.273	0.489 0.141
626	R50Y_087_025 _{de}	0.875 0.75 0.625	0.875 0.25 0.75	60	0.875 0.719 0.625	78.1 8.5 14.1	16.5 58.8	0.0	0.248	0.335 0.144
627	R00Y_087_012 _{de}	0.875 0.75 0.75	0.875 0.125 0.812	390	0.875 0.75 0.766	80.5 8.2 3.9	9.1 25.4	0.0	0.212	0.149 0.151
628	B50R_087_012 _{de}	0.875 0.75 0.875	0.875 0.125 0.812	330	0.802 0.75 0.875	78.9 6.2 -3.8	7.3 328.6	0.037	0.162 0.0	0.213
629	B25R_100_025 _{de}	0.875 0.75 1.0	1.0 0.25 0.875	300	0.763 0.75 1.0	78.8 6.7 -11.5	13.3 300.1	0.256	0.241 0.0	0.016
630	Y00G_087_087 _{de}	0.875 0.875 0.0	0.875 0.875 0.437	90	0.875 0.759 0.0	76.8 -2.9 73.2	92.3 92.3	0.0	0.159	0.969 0.168
631	Y00G_087_075 _{de}	0.875 0.875 0.125	0.875 0.75 0.5	90	0.875 0.776 0.125	78.2 -2.5 62.7	62.8 92.3	0.0	0.156	0.894 0.158
632	Y00G_087_062 _{de}	0.875 0.875 0.25	0.875 0.625 0.562	90	0.875 0.792 0.25	79.6 -2.1 52.3	52.3 92.3	0.0	0.152	0.778 0.15
633	Y00G_087_050 _{de}	0.875 0.875 0.375	0.875 0.5 0.625	90	0.875 0.809 0.375	81.0 -1.6 41.8	41.8 92.3	0.0	0.142	0.656 0.145
634	Y00G_087_037 _{de}	0.875 0.875 0.5	0.875 0.375 0.687	90	0.875 0.825 0.5	82.4 -1.2 31.3	31.4 92.3	0.0	0.124	0.53 0.144
635	Y00G_087_025 _{de}	0.875 0.875 0.625	0.875 0.25 0.75	90	0.875 0.842 0.625	83.8 -0.8 20.9	20.9 92.3	0.0	0.096	0.386 0.151
636	Y00G_087_012 _{de}	0.875 0.875 0.75	0.875 0.125 0.812	90	0.875 0.858 0.75	85.2 -0.4 10.4	10.4 92.3	0.0	0.053	0.2

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE15/SE15LOFP.PDF /.PS
application for measurement of offset print output, separationcyan6* (CMYK)
TUB material: code=rha4ta

n	HIC*Fde	rgb_Fde	icf_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	cmymn*sep.Fde	hsiM.de	rgb*Mde	LabCh*Mde
648	R00Y_100_100de	1.0 0.0 0.0	1.0 1.0 0.5	390	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4	0.0 1.0 0.867	0.0	383 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4
649	R38Y_100_100de	1.0 0.0 0.125	1.0 1.0 0.5	383	1.0 0.0 0.317	47.8 67.7 21.6	71.1 17.6	0.0 1.0 0.68	0.0	371 1.0 0.0 0.317 47.8 67.7 21.6 71.1 17.6
650	R26Y_100_100de	1.0 0.0 0.25	1.0 1.0 0.5	376	1.0 0.0 0.486	47.8 69.5 12.1	70.6 9.8	0.0 1.0 0.511	0.0	360 1.0 0.0 0.486 47.8 69.5 12.1 70.6 9.8
651	R13Y_100_100de	1.0 0.0 0.375	1.0 1.0 0.5	368	1.0 0.0 0.706	48.1 71.6 1.2	71.7 0.9	0.0 1.0 0.294	0.0	346 1.0 0.0 0.706 48.1 71.6 1.2 71.7 0.9
652	R00Y_100_100de	1.0 0.0 0.5	1.0 1.0 0.5	360	0.948 0.0 1.0	47.3 72.7 -10.1	73.5 352.0	0.051 1.0 0.0	0.0	327 0.948 0.0 1.0 47.3 72.7 -10.1 73.5 352.0
653	B68R_100_100de	1.0 0.0 0.625	1.0 1.0 0.5	352	0.843 0.0 1.0	45.2 69.7 -12.9	70.9 349.4	0.156 0.999	0.0	321 0.843 0.0 1.0 45.2 69.7 -12.9 70.9 349.4
654	B61R_100_100de	1.0 0.0 0.75	1.0 1.0 0.5	344	0.663 0.0 1.0	41.2 62.0 -20.3	65.2 341.8	0.336 1.0 0.0	0.0	310 0.663 0.0 1.0 41.2 62.0 -20.3 65.2 341.8
655	B55R_100_100de	1.0 0.0 0.875	1.0 1.0 0.5	337	0.538 0.0 1.0	38.0 55.7 -25.7	61.4 335.2	0.459 1.0 0.0	0.0	302 0.538 0.0 1.0 38.0 55.7 -25.7 61.4 335.2
656	B50R_100_100de	1.0 0.0 1.0	1.0 1.0 0.5	330	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6	0.577 1.0 0.0	0.0	294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6
657	R11Y_100_100de	1.0 0.125 0.0	1.0 1.0 0.5	37	1.0 0.052 0.0	49.2 61.9 40.6	74.0 33.2	0.0 0.947	1.0 0.0	32 1.0 0.052 0.0 49.2 61.9 40.6 74.0 33.2
658	R00Y_100_087de	1.0 0.125 0.125	1.0 0.875 0.562	390	1.0 0.125 0.24	53.7 58.0 27.6	64.3 25.4	0.0 0.875	0.75 0.0	383 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4
659	R36Y_100_087de	1.0 0.125 0.25	1.0 0.875 0.562	382	1.0 0.125 0.423	53.9 59.4 17.6	62.0 16.5	0.0 0.874	0.534 0.0	370 1.0 0.0 0.341 47.8 67.9 20.2 70.9 16.5
660	R23Y_100_087de	1.0 0.125 0.375	1.0 0.875 0.562	374	1.0 0.125 0.596	53.9 61.3 8.2	61.8 7.6	0.0 0.874	0.394 0.0	357 1.0 0.0 0.538 47.9 70.0 9.4 70.7 7.6
661	R08Y_100_087de	1.0 0.125 0.5	1.0 0.875 0.562	365	1.0 0.125 0.84	54.2 63.6 -2.6	63.6 357.6	0.0 0.876	0.161 0.0	339 1.0 0.0 0.817 48.1 72.7 -3.0 72.7 357.6
662	B70R_100_087de	1.0 0.125 0.625	1.0 0.875 0.562	355	0.964 0.125 1.0	53.6 63.9 -8.6	64.5 352.3	0.0 0.883	0.024 0.0	327 0.959 0.0 1.0 47.4 73.0 -9.8 73.7 352.3
663	B63R_100_087de	1.0 0.125 0.75	1.0 0.875 0.562	346	0.735 0.125 1.0	48.8 55.9 -16.2	58.2 343.7	0.252 0.867	0.0 0.0	312 0.697 0.0 1.0 42.0 63.9 -18.6 66.5 343.7
664	B56R_100_087de	1.0 0.125 0.875	1.0 0.875 0.562	338	0.612 0.125 1.0	45.7 49.5 -21.8	54.1 336.1	0.374 0.875	0.0 0.006	303 0.556 0.0 1.0 38.5 56.6 -25.0 61.9 336.1
665	B50R_100_087de	1.0 0.125 1.0	1.0 0.875 0.562	330	0.492 0.125 1.0	42.6 43.7 -26.7	51.2 328.6	0.48 0.869	0.0 0.005	294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6
666	R23Y_100_100de	1.0 0.25 0.0	1.0 1.0 0.5	44	1.0 0.172 0.0	53.4 52.6 45.8	69.7 41.0	0.0 0.826	1.0 0.0	39 1.0 0.172 0.0 53.4 52.6 45.8 69.7 41.0
667	R13Y_100_087de	1.0 0.25 0.125	1.0 0.875 0.562	38	1.0 0.188 0.125	55.6 52.8 36.2	64.0 34.3	0.0 0.814	0.825 0.0	33 1.0 0.072 0.0 49.8 60.4 41.3 73.2 34.3
668	R00Y_100_075de	1.0 0.25 0.25	1.0 0.75 0.625	390	1.0 0.25 0.348	59.8 49.7 23.7	55.1 25.4	0.0 0.75	0.625 0.0	383 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4
669	R35Y_100_075de	1.0 0.25 0.375	1.0 0.75 0.625	381	1.0 0.25 0.524	60.0 51.1 14.1	53.0 15.4	0.0 0.754	0.498 0.0	368 1.0 0.0 0.365 47.8 68.1 18.8 70.7 15.4
670	R18Y_100_075de	1.0 0.25 0.5	1.0 0.75 0.625	371	1.0 0.25 0.713	60.1 53.0 4.0	53.1 4.3	0.0 0.765	0.26 0.0	352 1.0 0.0 0.617 48.0 70.7 5.3 70.9 4.3
671	R00Y_100_075de	1.0 0.25 0.625	1.0 0.75 0.625	360	0.961 0.25 1.0	59.5 54.5 -7.6	55.1 352.0	0.0 0.775	0.025 0.0	327 0.948 0.0 1.0 47.3 72.7 -10.1 73.5 352.0
672	B65R_100_075de	1.0 0.25 0.75	1.0 0.75 0.625	349	0.81 0.25 1.0	56.5 49.9 -11.8	51.3 346.6	0.114 0.768	0.0 0.023	315 0.747 0.0 1.0 43.2 66.6 -15.8 68.5 346.6
673	B57R_100_075de	1.0 0.25 0.875	1.0 0.75 0.625	339	0.681 0.25 1.0	53.3 43.1 -18.1	46.8 337.1	0.298 0.76	0.0 0.0	304 0.575 0.0 1.0 38.9 57.5 -24.2 62.4 337.1
674	B50R_100_075de	1.0 0.25 1.0	1.0 0.75 0.625	330	0.565 0.25 1.0	50.3 37.5 -22.8	43.9 328.6	0.405 0.764	0.0 0.0	294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6
675	R36Y_100_100de	1.0 0.375 0.0	1.0 1.0 0.5	52	1.0 0.28 0.0	58.0 43.1 51.4	67.1 49.9	0.0 0.718	1.0 0.0	45 1.0 0.28 0.0 58.0 43.1 51.4 67.1 49.9
676	R26Y_100_087de	1.0 0.375 0.125	1.0 0.875 0.562	46	1.0 0.3 0.125	59.8 43.8 41.3	60.3 43.3	0.0 0.702	0.845 0.0	40 1.0 0.2 0.0 54.6 50.1 47.2 68.9 43.3
677	R15Y_100_075de	1.0 0.375 0.25	1.0 0.75 0.625	39	1.0 0.319 0.25	61.9 44.2 31.5	54.3 35.5	0.0 0.75	0.75 0.0	34 1.0 0.092 0.0 50.5 58.9 42.0 72.4 35.5
678	R00Y_100_062de	1.0 0.375 0.375	1.0 0.625 0.687	390	1.0 0.375 0.457	65.9 41.4 19.7	45.9 25.4	0.0 0.625	0.5 0.0	383 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4
679	R31Y_100_062de	1.0 0.375 0.5	1.0 0.625 0.687	379	1.0 0.375 0.633	66.0 42.9 10.1	44.1 13.2	0.0 0.632	0.376 0.0	365 1.0 0.0 0.414 47.8 68.7 16.1 70.6 13.2
680	R11Y_100_062de	1.0 0.375 0.625	1.0 0.625 0.687	367	1.0 0.375 0.835	66.2 44.9 -0.1	44.9 359.8	0.0 0.642	0.137 0.0	344 1.0 0.0 0.736 48.1 71.9 -0.1 71.9 359.8
681	B69R_100_062de	1.0 0.375 0.75	1.0 0.625 0.687	353	0.923 0.375 1.0	64.8 44.2 -7.4	44.8 350.4	0.0 0.665	0.025 0.0	323 0.877 0.0 1.0 45.9 70.7 -11.9 71.7 350.4
682	B59R_100_062de	1.0 0.375 0.875	1.0 0.625 0.687	341	0.757 0.375 1.0	61.1 37.0 -14.1	39.6 339.0	0.218 0.643	0.0 0.0	307 0.612 0.0 1.0 39.9 59.2 -22.6 63.4 339.0
683	B50R_100_062de	1.0 0.375 1.0	1.0 0.625 0.687	330	0.637 0.375 1.0	58.0 31.2 -19.0	36.6 328.6	0.33 0.641	0.0 0.0	294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6
684	R50Y_100_100de	1.0 0.5 0.0	1.0 1.0 0.5	60	1.0 0.378 0.0	62.5 34.1 56.6	66.1 58.8	0.0 0.62	1.0 0.0	51 1.0 0.378 0.0 62.5 34.1 56.6 66.1 58.8
685	R41Y_100_087de	1.0 0.5 0.125	1.0 0.875 0.562	55	1.0 0.402 0.125	64.2 34.8 46.8	58.3 53.3	0.0 0.581	0.86 0.0	48 1.0 0.316 0.0 59.7 39.8 53.5 66.7 53.3
686	R31Y_100_075de	1.0 0.5 0.25	1.0 0.75 0.625	49	1.0 0.432 0.25	66.3 34.8 36.8	50.7 46.6	0.0 0.625	0.75 0.0	43 1.0 0.242 0.0 56.3 46.4 49.1 67.6 46.6
687	R18Y_100_062de	1.0 0.5 0.375	1.0 0.625 0.687	41	1.0 0.456 0.375	68.5 35.1 27.1	44.4 37.7	0.0 0.625	0.625 0.0	36 1.0 0.13 0.0 51.7 56.1 43.4 71.0 37.7
688	R00Y_100_050de	1.0 0.5 0.5	1.0 0.5 0.75	390	1.0 0.5 0.565	72.0 33.1 15.8	36.7 25.4	0.0 0.5	0.375 0.0	383 1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4
689	R26Y_100_050de	1.0 0.5 0.625	1.0 0.5 0.75	376	1.0 0.5 0.743	72.1 34.7 6.0	35.3 9.8	0.0 0.5	0.25 0.0	360 1.0 0.0 0.486 47.8 69.5 12.1 70.6 9.8
690	R00Y_100_050de	1.0 0.5 0.75	1.0 0.5 0.75	360	0.974 0.5 1.0	71.8 36.3 -5.0	36.7 352.0	0.0 0.544	0.022 0.0	327 0.948 0.0 1.0 47.3 72.7 -10.1 73.5 352.0
691	B61R_100_050de	1.0 0.5 0.875	1.0 0.5 0.75	344	0.831 0.5 1.0	68.7 31.0 -10.1	32.6 341.8	0.107 0.532	0.0 0.01	310 0.663 0.0 1.0 41.2 62.0 -20.3 65.2 341.8
692	B50R_100_050de	1.0 0.5 1.0	1.0 0.5 0.75	330	0.71 0.5 1.0	65.6 25.0 -15.2	29.3 328.6	0.272 0.517	0.0 0.005	294 0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6
693	R63Y_100_100de	1.0 0.625 0.0	1.0 1.0 0.5	68	1.0 0.484 0.0	67.3 25.4 62.3	67.2 67.8	0.0 0.513	1.0 0.0	58 1.0 0.484 0.0 67.3 25.4 62.3 67.2 67.8
694	R58Y_100_087de	1.0 0.625 0.125	1.0 0.875 0.562	65	1.0 0.513 0.125	69.4 25.2 52.7	58.5 64.4	0.0 0.5	0.875 0.0	56 1.0 0.444 0.0 65.5 28.8 60.3 66.8 64.4
695	R50Y_100_075de	1.0 0.625 0.25	1.0 0.75 0.625	60	1.0 0.533 0.25	71.0 25.6 42.4	49.6 58.8	0.0 0.5	0.75 0.0	51 1.0 0.378 0.0 62.5 34.1 56.6 66.1 58.8
696	R38Y_100_062de	1.0 0.625 0.375	1.0 0.625 0.687	53	1.0 0.557 0.375	72.7 26.2 32.5	41.8 51.0	0.0 0.5	0.625 0.0	46 1.0 0.292 0.0 58.5 42.0 52.1 66.9 51.0
697	R23Y_100_050de	1.0 0.625 0.5	1.0 0.5 0.75	44	1.0 0.586 0.5	74.9 26.3 22.9	34.8 41.0	0.0 0.5	0.5 0.0	39 1.0 0.172 0.0 53.4 52.6 45.8 69.7 41.0
698	R00Y_100_037de	1.0 0.625 0.625	1.0 0.375 0.812	390	1.0 0.625 0.674	78.1 24.8 11.8	27.5 25			

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE15/SE15LOFP.PDF /.PS
application for measurement of offset print output, separationcmykn6* (CMYK)
TUB material: code=rha4ta

n	HIC*Fde	rgb_Fde	ict_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	cmycn*sep,Fde	hsiMde	rgb*Mde	LabCh*Mde
729	NW_100de	1.0 1.0 1.0	1.0 0.0 1.0	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
730	G50B_100_012de	0.875 1.0 1.0	1.0 0.125 0.937	210	0.875 1.0 0.964	91.3 -5.2 -3.9	6.5 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
731	G50B_100_025de	0.75 1.0 1.0	1.0 0.25 0.875	210	0.75 1.0 0.928	86.3 -10.4 -7.8	13.1 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
732	G50B_100_037de	0.625 1.0 1.0	1.0 0.375 0.812	210	0.625 1.0 0.892	81.3 -15.7 -11.8	19.6 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
733	G50B_100_050de	0.5 1.0 1.0	1.0 0.5 0.75	210	0.5 1.0 0.856	76.3 -20.9 -15.7	26.2 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
734	G50B_100_062de	0.375 1.0 1.0	1.0 0.625 0.687	210	0.375 1.0 0.82	71.3 -26.2 -19.7	32.8 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
735	G50B_100_075de	0.25 1.0 1.0	1.0 0.75 0.625	210	0.25 1.0 0.784	66.3 -31.4 -23.6	39.3 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
736	G50B_100_087de	0.125 1.0 1.0	1.0 0.875 0.562	210	0.125 1.0 0.748	61.3 -36.6 -27.6	45.9 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
737	G50B_100_100de	0.0 1.0 1.0	1.0 1.0 0.5	210	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
738	ROOY_100_012de	1.0 0.875 0.875	1.0 0.125 0.937	390	1.0 0.875 0.891	90.2 8.2 3.9	9.1 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
739	NW_087de	0.875 0.875 0.875	0.875 0.0 0.875	360	0.875 0.875 0.875	86.6 0.0 0.0	0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
740	G50B_087_012de	0.75 0.875 0.875	0.875 0.125 0.812	210	0.75 0.875 0.839	81.6 -5.2 -3.9	6.5 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
741	G50B_087_025de	0.625 0.875 0.875	0.875 0.25 0.75	210	0.625 0.875 0.803	76.6 -10.4 -7.8	13.1 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
742	G50B_087_037de	0.5 0.875 0.875	0.875 0.375 0.687	210	0.5 0.875 0.767	71.6 -15.7 -11.8	19.6 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
743	G50B_087_050de	0.375 0.875 0.875	0.875 0.5 0.625	210	0.375 0.875 0.731	66.6 -20.9 -15.7	26.2 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
744	G50B_087_062de	0.25 0.875 0.875	0.875 0.625 0.562	210	0.25 0.875 0.695	61.6 -26.2 -19.7	32.8 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
745	G50B_087_075de	0.125 0.875 0.875	0.875 0.75 0.5	210	0.125 0.875 0.659	56.5 -31.4 -23.6	39.3 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
746	G50B_087_087de	0.0 0.875 0.875	0.875 0.875 0.437	210	0.0 0.875 0.623	51.5 -36.6 -27.6	45.9 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
747	ROOY_100_025de	1.0 0.75 0.75	1.0 0.25 0.875	390	1.0 0.75 0.782	84.2 16.5 7.9	18.3 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
748	ROOY_087_012de	0.875 0.75 0.75	0.875 0.125 0.812	390	0.875 0.75 0.766	80.5 8.2 3.9	9.1 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
749	NW_075de	0.75 0.75 0.75	0.75 0.0 0.75	360	0.75 0.75 0.75	76.9 0.0 0.0	0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
750	G50B_075_012de	0.625 0.75 0.75	0.75 0.125 0.687	210	0.625 0.75 0.714	71.9 -5.2 -3.9	6.5 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
751	G50B_075_025de	0.5 0.75 0.75	0.75 0.25 0.625	210	0.5 0.75 0.678	66.9 -10.4 -7.8	13.1 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
752	G50B_075_037de	0.375 0.75 0.75	0.75 0.375 0.562	210	0.375 0.75 0.642	61.8 -15.7 -11.8	19.6 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
753	G50B_075_050de	0.25 0.75 0.75	0.75 0.5 0.5	210	0.25 0.75 0.606	56.8 -20.9 -15.7	26.2 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
754	G50B_075_062de	0.125 0.75 0.75	0.75 0.625 0.437	210	0.125 0.75 0.57	51.8 -26.2 -19.7	32.8 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
755	G50B_075_075de	0.0 0.75 0.75	0.75 0.75 0.375	210	0.0 0.75 0.534	46.8 -31.4 -23.6	39.3 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
756	ROOY_100_037de	1.0 0.625 0.625	1.0 0.375 0.812	390	1.0 0.625 0.674	78.1 24.8 11.8	27.5 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
757	ROOY_087_025de	0.875 0.625 0.625	0.875 0.25 0.75	390	0.875 0.625 0.657	74.4 16.5 7.9	18.3 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
758	ROOY_075_012de	0.75 0.625 0.625	0.75 0.125 0.687	390	0.75 0.625 0.641	70.8 8.2 3.9	9.1 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
759	NW_062de	0.625 0.625 0.625	0.625 0.0 0.625	360	0.625 0.625 0.625	67.1 0.0 0.0	0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
760	G50B_062_012de	0.5 0.625 0.625	0.625 0.125 0.562	210	0.5 0.625 0.589	62.1 -5.2 -3.9	6.5 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
761	G50B_062_025de	0.375 0.625 0.625	0.625 0.25 0.5	210	0.375 0.625 0.553	57.1 -10.4 -7.8	13.1 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
762	G50B_062_037de	0.25 0.625 0.625	0.625 0.375 0.437	210	0.25 0.625 0.517	52.1 -15.7 -11.8	19.6 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
763	G50B_062_050de	0.125 0.625 0.625	0.625 0.5 0.375	210	0.125 0.625 0.481	47.1 -20.9 -15.7	26.2 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
764	G50B_062_062de	0.0 0.625 0.625	0.625 0.625 0.312	210	0.0 0.625 0.445	42.1 -26.2 -19.7	32.8 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
765	ROOY_100_050de	1.0 0.5 0.5	1.0 0.5 0.75	390	1.0 0.5 0.565	72.0 33.1 15.8	36.7 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
766	ROOY_087_037de	0.875 0.5 0.5	0.875 0.375 0.687	390	0.875 0.5 0.549	68.3 24.8 11.8	27.5 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
767	ROOY_075_025de	0.75 0.5 0.5	0.75 0.25 0.625	390	0.75 0.5 0.532	64.7 16.5 7.9	18.3 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
768	ROOY_062_012de	0.625 0.5 0.5	0.625 0.125 0.562	390	0.625 0.5 0.516	61.1 8.2 3.9	9.1 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
769	NW_050de	0.5 0.5 0.5	0.5 0.0 0.5	360	0.5 0.5 0.5	57.4 0.0 0.0	0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
770	G50B_050_012de	0.375 0.5 0.5	0.5 0.125 0.437	210	0.375 0.5 0.464	52.4 -5.2 -3.9	6.5 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
771	G50B_050_025de	0.25 0.5 0.5	0.5 0.25 0.375	210	0.249 0.5 0.428	47.4 -10.4 -7.8	13.1 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
772	G50B_050_037de	0.125 0.5 0.5	0.5 0.375 0.312	210	0.124 0.5 0.392	42.4 -15.7 -11.8	19.6 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
773	G50B_050_050de	0.0 0.5 0.5	0.5 0.5 0.25	210	0.0 0.5 0.356	37.4 -20.9 -15.7	26.2 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
774	ROOY_100_062de	1.0 0.375 0.375	1.0 0.625 0.687	390	1.0 0.375 0.457	65.9 41.4 19.7	45.9 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
775	ROOY_087_050de	0.875 0.375 0.375	0.875 0.5 0.625	390	0.875 0.375 0.44	62.2 33.1 15.8	36.7 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
776	ROOY_075_037de	0.75 0.375 0.375	0.75 0.375 0.562	390	0.75 0.375 0.424	58.6 24.8 11.8	27.5 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
777	ROOY_062_025de	0.625 0.375 0.375	0.625 0.25 0.5	390	0.625 0.375 0.407	55.0 16.5 7.9	18.3 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
778	ROOY_050_012de	0.5 0.375 0.375	0.5 0.125 0.437	390	0.5 0.375 0.391	51.3 8.2 3.9	9.1 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
779	NW_037de	0.375 0.375 0.375	0.375 0.0 0.375	360	0.375 0.375 0.375	47.7 0.0 0.0	0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
780	G50B_037_012de	0.25 0.375 0.375	0.375 0.125 0.312	210	0.249 0.375 0.339	42.7 -5.2 -3.9	6.5 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
781	G50B_037_025de	0.125 0.375 0.375	0.375 0.25 0.25	210	0.124 0.375 0.303	37.7 -10.4 -7.8	13.1 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
782	G50B_037_037de	0.0 0.375 0.375	0.375 0.375 0.187	210	0.0 0.375 0.267	32.7 -15.7 -11.8	19.6 216.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5
783	ROOY_100_075de	1.0 0.25 0.25	1.0 0.75 0.625	390	1.0 0.25 0.348	59.8 49.7 23.7	55.1 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
784	ROOY_087_062de	0.875 0.25 0.25	0.875 0.625 0.562	390	0.875 0.25 0.332	56.2 41.4 19.7	45.9 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
785	ROOY_075_050de	0.75 0.25 0.25	0.75 0.5 0.5	390	0.75 0.25 0.315	52.5 33.1 15.8	36.7 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
786	ROOY_062_037de	0.625 0.25 0.25	0.625 0.375 0.437	390	0.625 0.25 0.299	48.9 24.8 11.8	27.5 25.4	383	1.0 0.0 0.131	47.6 66.3 31.6
787	ROOY_050_025de	0.5 0.25 0.25	0.5 0.25 0.375	390	0.5>					

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15LOFP.PDF> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE15/SE15LOFP.PDF /.PS
application for measurement of offset print output, separationcmykn6* (CMYK)
TUB material: code=rh4ta

n	HIC*Fde	rgb_Fde	ict_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	cmycn*sep.Fde	hsiM.de	rgb*Mde	LabCh*Mde
810	NW_100de	1.0 1.0 1.0	1.0 0.0 1.0	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
811	B00R_100_012de	0.875 0.875 1.0	1.0 0.125 0.937	270	0.875 0.919 1.0	88.9 0.1 -5.8	5.8 271.7 0.15	249	0.0 0.358 1.0	36.7 1.4 -46.6
812	B00R_100_025de	0.75 0.75 1.0	1.0 0.25 0.875	270	0.75 0.839 1.0	81.4 0.3 -11.6	11.6 271.7 0.288	249	0.0 0.358 1.0	36.7 1.4 -46.6
813	B00R_100_037de	0.625 0.625 1.0	1.0 0.375 0.812	270	0.625 0.759 1.0	74.0 0.5 -17.4	17.4 271.7 0.409	249	0.0 0.358 1.0	36.7 1.4 -46.6
814	B00R_100_050de	0.5 0.5 1.0	1.0 0.5 0.75	270	0.5 0.679 1.0	66.5 0.7 -23.3	23.3 271.7 0.541	249	0.0 0.358 1.0	36.7 1.4 -46.6
815	B00R_100_062de	0.375 0.375 1.0	1.0 0.625 0.687	270	0.375 0.598 1.0	59.0 0.8 -29.1	29.1 271.7 0.654	249	0.0 0.358 1.0	36.7 1.4 -46.6
816	B00R_100_075de	0.25 0.25 1.0	1.0 0.75 0.625	270	0.25 0.518 1.0	51.6 1.0 -34.9	34.9 271.7 0.736	249	0.0 0.358 1.0	36.7 1.4 -46.6
817	B00R_100_087de	0.125 0.125 1.0	1.0 0.875 0.562	270	0.125 0.438 1.0	44.1 1.2 -40.8	40.8 271.7 0.787	249	0.0 0.358 1.0	36.7 1.4 -46.6
818	B00R_100_100de	0.0 0.0 1.0	1.0 1.0 0.5	270	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7 1.0	249	0.0 0.358 1.0	36.7 1.4 -46.6
819	Y00G_100_012de	1.0 1.0 0.875	1.0 0.125 0.937	90	1.0 0.983 0.875	94.9 -0.4 10.4	10.4 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
820	NW_087de	0.875 0.875 0.875	0.875 0.0 0.875	360	0.875 0.875 0.875	86.6 0.0 0.0	0.0 0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
821	B00R_087_012de	0.75 0.75 0.875	0.875 0.125 0.812	270	0.75 0.794 0.875	79.1 0.1 -5.8	5.8 271.7 0.143	249	0.0 0.358 1.0	36.7 1.4 -46.6
822	B00R_087_025de	0.625 0.625 0.875	0.875 0.25 0.75	270	0.625 0.714 0.875	71.7 0.3 -11.6	11.6 271.7 0.299	249	0.0 0.358 1.0	36.7 1.4 -46.6
823	B00R_087_037de	0.5 0.5 0.875	0.875 0.375 0.687	270	0.5 0.634 0.875	64.2 0.5 -17.4	17.4 271.7 0.456	249	0.0 0.358 1.0	36.7 1.4 -46.6
824	B00R_087_050de	0.375 0.375 0.875	0.875 0.5 0.625	270	0.375 0.554 0.875	56.8 0.7 -23.3	23.3 271.7 0.58	249	0.0 0.358 1.0	36.7 1.4 -46.6
825	B00R_087_062de	0.25 0.25 0.875	0.875 0.625 0.562	270	0.25 0.473 0.875	49.3 0.8 -29.1	29.1 271.7 0.697	249	0.0 0.358 1.0	36.7 1.4 -46.6
826	B00R_087_075de	0.125 0.125 0.875	0.875 0.75 0.5	270	0.125 0.393 0.875	41.8 1.0 -34.9	34.9 271.7 0.839	249	0.0 0.358 1.0	36.7 1.4 -46.6
827	B00R_087_087de	0.0 0.0 0.875	0.875 0.875 0.437	270	0.0 0.313 0.875	34.4 1.2 -40.8	40.8 271.7 0.958	249	0.0 0.358 1.0	36.7 1.4 -46.6
828	Y00G_100_025de	1.0 1.0 0.75	1.0 0.25 0.875	90	1.0 0.967 0.75	93.5 -0.8 20.9	20.9 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
829	Y00G_087_012de	0.875 0.875 0.75	0.875 0.125 0.812	90	0.875 0.858 0.75	85.2 -0.4 10.4	10.4 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
830	NW_075de	0.75 0.75 0.75	0.75 0.0 0.75	360	0.75 0.75 0.75	76.9 0.0 0.0	0.0 0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
831	B00R_075_012de	0.625 0.625 0.75	0.75 0.125 0.687	270	0.625 0.669 0.75	69.4 0.1 -5.8	5.8 271.7 0.139	249	0.0 0.358 1.0	36.7 1.4 -46.6
832	B00R_075_025de	0.5 0.5 0.75	0.75 0.25 0.625	270	0.5 0.589 0.75	62.0 0.3 -11.6	11.6 271.7 0.332	249	0.0 0.358 1.0	36.7 1.4 -46.6
833	B00R_075_037de	0.375 0.375 0.75	0.75 0.375 0.562	270	0.375 0.509 0.75	54.5 0.5 -17.4	17.4 271.7 0.49	249	0.0 0.358 1.0	36.7 1.4 -46.6
834	B00R_075_050de	0.25 0.25 0.75	0.75 0.5 0.5	270	0.25 0.429 0.75	47.0 0.7 -23.3	23.3 271.7 0.637	249	0.0 0.358 1.0	36.7 1.4 -46.6
835	B00R_075_062de	0.125 0.125 0.75	0.75 0.625 0.437	270	0.125 0.348 0.75	39.6 0.8 -29.1	29.1 271.7 0.792	249	0.0 0.358 1.0	36.7 1.4 -46.6
836	B00R_075_075de	0.0 0.0 0.75	0.75 0.75 0.375	270	0.0 0.268 0.75	32.1 1.0 -34.9	34.9 271.7 0.915	249	0.0 0.358 1.0	36.7 1.4 -46.6
837	Y00G_100_037de	1.0 1.0 0.625	1.0 0.375 0.812	90	1.0 0.95 0.625	92.1 -1.2 31.3	31.3 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
838	Y00G_087_025de	0.875 0.875 0.625	0.875 0.25 0.75	90	0.875 0.842 0.625	83.8 -0.8 20.9	20.9 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
839	Y00G_075_012de	0.75 0.75 0.625	0.75 0.125 0.687	90	0.75 0.733 0.625	75.5 -0.4 10.4	10.4 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
840	NW_062de	0.625 0.625 0.625	0.625 0.0 0.625	360	0.625 0.625 0.625	67.1 0.0 0.0	0.0 0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
841	B00R_062_012de	0.5 0.5 0.625	0.625 0.125 0.562	270	0.5 0.544 0.625	59.7 0.1 -5.8	5.8 271.7 0.176	249	0.0 0.358 1.0	36.7 1.4 -46.6
842	B00R_062_025de	0.375 0.375 0.625	0.625 0.25 0.5	270	0.375 0.464 0.625	52.2 0.3 -11.6	11.6 271.7 0.367	249	0.0 0.358 1.0	36.7 1.4 -46.6
843	B00R_062_037de	0.25 0.25 0.625	0.625 0.375 0.437	270	0.25 0.384 0.625	44.8 0.5 -17.4	17.4 271.7 0.547	249	0.0 0.358 1.0	36.7 1.4 -46.6
844	B00R_062_050de	0.125 0.125 0.625	0.625 0.5 0.375	270	0.125 0.304 0.625	37.3 0.7 -23.3	23.3 271.7 0.734	249	0.0 0.358 1.0	36.7 1.4 -46.6
845	B00R_062_062de	0.0 0.0 0.625	0.625 0.625 0.312	270	0.0 0.223 0.625	29.8 0.8 -29.1	29.1 271.7 0.868	249	0.0 0.358 1.0	36.7 1.4 -46.6
846	Y00G_100_050de	1.0 1.0 0.5	1.0 0.5 0.75	90	1.0 0.934 0.5	90.7 -1.6 41.8	41.8 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
847	Y00G_087_037de	0.875 0.875 0.5	0.875 0.375 0.687	90	0.875 0.825 0.5	82.4 -1.2 31.3	31.3 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
848	Y00G_075_025de	0.75 0.75 0.5	0.75 0.25 0.625	90	0.75 0.717 0.5	74.1 -0.8 20.9	20.9 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
849	Y00G_062_012de	0.625 0.625 0.5	0.625 0.125 0.562	90	0.625 0.608 0.5	65.7 -0.4 10.4	10.4 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
850	NW_050de	0.5 0.5 0.5	0.5 0.0 0.5	360	0.5 0.5 0.5	57.4 0.0 0.0	0.0 0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
851	B00R_050_012de	0.375 0.375 0.5	0.5 0.125 0.437	270	0.375 0.419 0.5	50.0 0.1 -5.8	5.8 271.7 0.187	249	0.0 0.358 1.0	36.7 1.4 -46.6
852	B00R_050_025de	0.25 0.25 0.5	0.5 0.25 0.375	270	0.249 0.339 0.5	42.5 0.3 -11.6	11.6 271.7 0.424	249	0.0 0.358 1.0	36.7 1.4 -46.6
853	B00R_050_037de	0.125 0.125 0.5	0.5 0.375 0.312	270	0.124 0.259 0.5	35.0 0.5 -17.4	17.4 271.7 0.648	249	0.0 0.358 1.0	36.7 1.4 -46.6
854	B00R_050_050de	0.0 0.0 0.5	0.5 0.5 0.25	270	0.0 0.179 0.5	27.6 0.7 -23.3	23.3 271.7 0.797	249	0.0 0.358 1.0	36.7 1.4 -46.6
855	Y00G_100_062de	1.0 1.0 0.375	1.0 0.625 0.687	90	1.0 0.917 0.375	89.3 -2.1 52.3	52.3 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
856	Y00G_087_050de	0.875 0.875 0.375	0.875 0.5 0.625	90	0.875 0.809 0.375	81.0 -1.6 41.8	41.8 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
857	Y00G_075_037de	0.75 0.75 0.375	0.75 0.375 0.562	90	0.75 0.7 0.375	72.7 -1.2 31.3	31.3 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
858	Y00G_062_025de	0.625 0.625 0.375	0.625 0.25 0.5	90	0.625 0.592 0.375	64.3 -0.8 20.9	20.9 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
859	Y00G_050_012de	0.5 0.5 0.375	0.5 0.125 0.437	90	0.5 0.483 0.375	56.0 -0.4 10.4	10.4 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
860	NW_037de	0.375 0.375 0.375	0.375 0.0 0.375	360	0.375 0.375 0.375	47.7 0.0 0.0	0.0 0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
861	B00R_037_012de	0.25 0.25 0.375	0.375 0.125 0.312	270	0.249 0.294 0.375	40.2 0.1 -5.8	5.8 271.7 0.207	249	0.0 0.358 1.0	36.7 1.4 -46.6
862	B00R_037_025de	0.125 0.125 0.375	0.375 0.25 0.25	270	0.124 0.214 0.375	32.8 0.3 -11.6	11.6 271.7 0.52	249	0.0 0.358 1.0	36.7 1.4 -46.6
863	B00R_037_037de	0.0 0.0 0.375	0.375 0.375 0.187	270	0.0 0.134 0.375	25.3 0.5 -17.4	17.4 271.7 0.684	249	0.0 0.358 1.0	36.7 1.4 -46.6
864	Y00G_100_075de	1.0 1.0 0.25	1.0 0.75 0.625	90	1.0 0.901 0.25	87.9 -2.5 62.7	62.8 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
865	Y00G_087_062de	0.875 0.875 0.25	0.875 0.625 0.562	90	0.875 0.792 0.25	79.6 -2.1 52.3	52.3 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
866	Y00G_075_050de	0.75 0.75 0.25	0.75 0.5 0.5	90	0.75 0.684 0.25	71.3 -1.6 41.8	41.8 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
867	Y00G_062_037de	0.625 0.625 0.25	0.625 0.375 0.437	90	0.625 0.575 0.25	62.9 -1.2 31.3	31.3 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
868	Y00G_050_025de	0.5 0.5 0.25	0.5 0.25 0.375	90	0.5 0.467 0.249	54.6 -0.8 20.9	20.9 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
869	Y00G_037_012de	0.375 0.375 0.25	0.375 0.125 0.312	90	0.375 0.358 0.249	46.3 -0.4 10.4	10.4 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
870	NW_025de	0.25 0.25 0.25	0.25 0.0 0.25	360	0.25 0.25 0.25	37.9 0.0 0.0	0.0 0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
871	B00R_025_012de	0.125 0.125 0.25	0.25 0.125 0.187	270	0.124 0.169 0.25	30.5 0.1 -5.8	5.8 271.7 0.349	249	0.0 0.358 1.0	36.7 1.4 -46.6
872	B00R_025_025de	0.0 0.0 0.25	0.25 0.25 0.125	270	0.0 0.089 0.25	23.0 0.3 -11.6	11.6 271.7 0.569	249	0.0 0.358 1.0	36.7 1.4 -46.6
873	B00R_100_087de	1.0 1.0 0.125	1.0 0.875 0.562	90	1.0 0.884 0.125	86.5 -2.9 73.2	73.2 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
874	Y00G_087_075de	0.875 0.875 0.125	0.875 0.75 0.5	90	0.875 0.776 0.125	78.2 -2.5 62.7	62.8 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
875	Y00G_075_062de	0.75 0.75 0.125	0.75 0.625 0.437	90	0.75 0.667 0.125	69.9 -2.1 52.3	52.3 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
876	Y00G_062_050de	0.625 0.625 0.125	0.625 0.5 0.375	90	0.625 0.559 0.125	61.5 -1.6 41.8	41.8 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3 83.7
877	Y00G_050_037de	0.5 0								

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15LOFP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE15/SE15LOFP.PDF / .PS
application for measurement of offset print output, separationcyan6* (CMYK)
TUB material: code=rha4ta

n	HIC*F _{de}	rgb_F _{de}	ic _T _F _{de}	hsi_F _{de}	rgb*F _{de}	LabCh*F _{de}	cmyn*sep_F _{de}	hsi _M _{de}	rgb*M _{de}	LabCh*M _{de}		
891	NW_100 _{de}	1.0 1.0 1.0	1.0 0.0 1.0	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0		
892	B50R_100_012 _{de}	1.0 0.875 1.0	1.0 0.125 0.937	330	0.927 0.875 1.0	88.7 6.2 -3.8	7.3 328.6 0.053	0.149 0.0 0.01	294	0.42 0.0 1.0	34.9 50.0 -30.5	
893	B50R_100_025 _{de}	1.0 0.75 1.0	1.0 0.25 0.875	330	0.855 0.75 1.0	81.0 12.5 -7.6	14.6 328.6 0.121	0.285 0.0 0.008	294	0.42 0.0 1.0	34.9 50.0 -30.5	
894	B50R_100_037 _{de}	1.0 0.625 1.0	1.0 0.375 0.812	330	0.782 0.625 1.0	73.3 18.7 -11.4	21.9 328.6 0.198	0.409 0.0 0.007	294	0.42 0.0 1.0	34.9 50.0 -30.5	
895	B50R_100_050 _{de}	1.0 0.5 1.0	1.0 0.5 0.75	330	0.71 0.5 1.0	65.6 25.0 -15.2	29.3 328.6 0.272	0.517 0.0 0.005	294	0.42 0.0 1.0	34.9 50.0 -30.5	
896	B50R_100_062 _{de}	1.0 0.375 1.0	1.0 0.625 0.687	330	0.637 0.375 1.0	58.0 31.2 -19.0	36.6 328.6 0.33	0.641 0.0 0.0	294	0.42 0.0 1.0	34.9 50.0 -30.5	
897	B50R_100_075 _{de}	1.0 0.25 1.0	1.0 0.75 0.625	330	0.565 0.25 1.0	50.3 37.5 -22.8	43.9 328.6 0.405	0.764 0.0 0.0	294	0.42 0.0 1.0	34.9 50.0 -30.5	
898	B50R_100_087 _{de}	1.0 0.125 1.0	1.0 0.875 0.562	330	0.492 0.125 1.0	42.6 43.7 -26.7	51.2 328.6 0.48	0.869 0.0 0.005	294	0.42 0.0 1.0	34.9 50.0 -30.5	
899	B50R_100_100 _{de}	1.0 0.0 1.0	1.0 1.0 0.5	330	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6 0.577	1.0 0.0 0.0	294	0.42 0.0 1.0	34.9 50.0 -30.5	
900	G00B_100_012 _{de}	0.875 1.0 0.875	1.0 0.125 0.937	150	0.875 1.0 0.876	90.7 -8.6 2.7	9.0 162.2 0.206	0.147 0.0 0.0	150	0.0 1.0 0.011	51.7 -69.1 22.1	
901	NW_087 _{de}	0.875 0.875 0.875	0.875 0.0 0.875	360	0.875 0.875 0.875	86.6 0.0 0.0	0.0 0.0 0.0	0.014 0.0 0.008	0.18	360	1.0 1.0 1.0	96.3 0.0 0.0
902	B50R_087_012 _{de}	0.875 0.75 0.875	0.875 0.125 0.812	330	0.802 0.75 0.875	78.9 6.2 -3.8	7.3 328.6 0.037	0.162 0.0 0.213	294	0.42 0.0 1.0	34.9 50.0 -30.5	
903	B50R_087_025 _{de}	0.875 0.625 0.875	0.875 0.25 0.75	330	0.73 0.625 0.875	71.3 12.5 -7.6	14.6 328.6 0.109	0.322 0.0 0.215	294	0.42 0.0 1.0	34.9 50.0 -30.5	
904	B50R_087_037 _{de}	0.875 0.5 0.875	0.875 0.375 0.687	330	0.657 0.5 0.875	63.6 18.7 -11.4	21.9 328.6 0.19	0.458 0.0 0.21	294	0.42 0.0 1.0	34.9 50.0 -30.5	
905	B50R_087_050 _{de}	0.875 0.375 0.875	0.875 0.5 0.625	330	0.585 0.375 0.875	55.9 25.0 -15.2	29.3 328.6 0.275	0.58 0.0 0.207	294	0.42 0.0 1.0	34.9 50.0 -30.5	
906	B50R_087_062 _{de}	0.875 0.25 0.875	0.875 0.625 0.562	330	0.512 0.25 0.875	48.2 31.2 -19.0	36.6 328.6 0.364	0.699 0.0 0.204	294	0.42 0.0 1.0	34.9 50.0 -30.5	
907	B50R_087_075 _{de}	0.875 0.125 0.875	0.875 0.75 0.5	330	0.44 0.125 0.875	40.5 37.5 -22.8	43.9 328.6 0.457	0.819 0.0 0.201	294	0.42 0.0 1.0	34.9 50.0 -30.5	
908	B50R_087_087 _{de}	0.875 0.0 0.875	0.875 0.875 0.437	330	0.367 0.0 0.875	32.9 43.7 -26.7	51.2 328.6 0.541	0.962 0.0 0.205	294	0.42 0.0 1.0	34.9 50.0 -30.5	
909	G00B_100_025 _{de}	0.75 1.0 0.75	1.0 0.25 0.875	150	0.75 1.0 0.752	85.2 -17.2 5.5	18.1 162.2 0.347	0.0 0.25 0.0	150	0.0 1.0 0.011	51.7 -69.1 22.1	
910	G00B_087_012 _{de}	0.75 0.875 0.75	0.875 0.125 0.812	150	0.75 0.875 0.751	81.0 -8.6 2.7	9.0 162.2 0.255	0.198 0.156	150	0.0 1.0 0.011	51.7 -69.1 22.1	
911	NW_075 _{de}	0.75 0.75 0.75	0.75 0.0 0.75	360	0.75 0.75 0.75	76.9 0.0 0.0	0.0 0.0 0.0	0.0 0.02 0.333	360	1.0 1.0 1.0	96.3 0.0 0.0	
912	B50R_075_012 _{de}	0.75 0.625 0.75	0.75 0.125 0.687	330	0.677 0.625 0.75	69.2 6.2 -3.8	7.3 328.6 0.008	0.176 0.0 0.377	294	0.42 0.0 1.0	34.9 50.0 -30.5	
913	B50R_075_025 _{de}	0.75 0.5 0.75	0.75 0.25 0.625	330	0.605 0.5 0.75	61.5 12.5 -7.6	14.6 328.6 0.098	0.359 0.0 0.373	294	0.42 0.0 1.0	34.9 50.0 -30.5	
914	B50R_075_037 _{de}	0.75 0.375 0.75	0.75 0.375 0.562	330	0.532 0.375 0.75	53.8 18.7 -11.4	21.9 328.6 0.21	0.502 0.0 0.371	294	0.42 0.0 1.0	34.9 50.0 -30.5	
915	B50R_075_050 _{de}	0.75 0.25 0.75	0.75 0.5 0.5	330	0.46 0.25 0.75	46.2 25.0 -15.2	29.3 328.6 0.309	0.635 0.0 0.37	294	0.42 0.0 1.0	34.9 50.0 -30.5	
916	B50R_075_062 _{de}	0.75 0.125 0.75	0.75 0.625 0.437	330	0.387 0.125 0.75	38.5 31.2 -19.0	36.6 328.6 0.418	0.777 0.0 0.357	294	0.42 0.0 1.0	34.9 50.0 -30.5	
917	B50R_075_075 _{de}	0.75 0.0 0.75	0.75 0.75 0.375	330	0.315 0.0 0.75	30.8 37.5 -22.8	43.9 328.6 0.507	0.92 0.0 0.362	294	0.42 0.0 1.0	34.9 50.0 -30.5	
918	G00B_100_037 _{de}	0.625 1.0 0.625	1.0 0.375 0.812	150	0.625 1.0 0.629	79.6 -25.9 8.3	27.2 162.2 0.498	0.0 0.498 0.0	150	0.0 1.0 0.011	51.7 -69.1 22.1	
919	G00B_087_025 _{de}	0.625 0.875 0.625	0.875 0.25 0.75	150	0.625 0.875 0.627	75.4 -17.2 5.5	18.1 162.2 0.432	0.0 0.365 0.118	150	0.0 1.0 0.011	51.7 -69.1 22.1	
920	G00B_075_012 _{de}	0.625 0.75 0.625	0.75 0.125 0.687	150	0.625 0.75 0.626	71.3 -8.6 2.7	9.0 162.2 0.272	0.0 0.235 0.303	150	0.0 1.0 0.011	51.7 -69.1 22.1	
921	NW_062 _{de}	0.625 0.625 0.625	0.625 0.0 0.625	360	0.625 0.625 0.625	67.1 0.0 0.0	0.0 0.0 0.0	0.014 0.0045	0.469	360	1.0 1.0 1.0	96.3 0.0 0.0
922	B50R_062_012 _{de}	0.625 0.5 0.625	0.625 0.125 0.562	330	0.552 0.5 0.625	59.5 6.2 -3.8	7.3 328.6 0.01	0.197 0.0 0.509	294	0.42 0.0 1.0	34.9 50.0 -30.5	
923	B50R_062_025 _{de}	0.625 0.375 0.625	0.625 0.25 0.5	330	0.48 0.375 0.625	51.8 12.5 -7.6	14.6 328.6 0.12	0.39 0.0 0.517	294	0.42 0.0 1.0	34.9 50.0 -30.5	
924	B50R_062_037 _{de}	0.625 0.25 0.625	0.625 0.375 0.437	330	0.407 0.25 0.625	44.1 18.7 -11.4	21.9 328.6 0.244	0.56 0.0 0.51	294	0.42 0.0 1.0	34.9 50.0 -30.5	
925	B50R_062_050 _{de}	0.625 0.125 0.625	0.625 0.5 0.375	330	0.335 0.125 0.625	36.4 25.0 -15.2	29.3 328.6 0.356	0.726 0.0 0.495	294	0.42 0.0 1.0	34.9 50.0 -30.5	
926	B50R_062_062 _{de}	0.625 0.0 0.625	0.625 0.625 0.312	330	0.262 0.0 0.625	28.8 31.2 -19.0	36.6 328.6 0.48	0.868 0.0 0.498	294	0.42 0.0 1.0	34.9 50.0 -30.5	
927	G00B_100_050 _{de}	0.5 1.0 0.5	1.0 0.5 0.75	150	0.5 1.0 0.505	74.0 -34.5 11.0	36.3 162.2 0.623	0.0 0.623 0.0	150	0.0 1.0 0.011	51.7 -69.1 22.1	
928	G00B_087_037 _{de}	0.5 0.875 0.5	0.875 0.375 0.687	150	0.5 0.875 0.504	69.9 -25.9 8.3	27.2 162.2 0.598	0.0 0.505 0.091	150	0.0 1.0 0.011	51.7 -69.1 22.1	
929	G00B_075_025 _{de}	0.5 0.75 0.5	0.75 0.25 0.625	150	0.5 0.75 0.502	65.7 -17.2 5.5	18.1 162.2 0.483	0.0 0.413 0.279	150	0.0 1.0 0.011	51.7 -69.1 22.1	
930	G00B_062_012 _{de}	0.5 0.625 0.5	0.625 0.125 0.562	150	0.5 0.625 0.501	61.6 -8.6 2.7	9.0 162.2 0.305	0.0 0.279 0.465	150	0.0 1.0 0.011	51.7 -69.1 22.1	
931	NW_050 _{de}	0.5 0.5 0.5	0.5 0.0 0.5	360	0.5 0.5 0.5	57.4 0.0 0.0	0.0 0.0 0.0	0.033 0.072	0.612	360	1.0 1.0 1.0	96.3 0.0 0.0
932	B50R_050_012 _{de}	0.5 0.375 0.5	0.5 0.125 0.437	330	0.427 0.375 0.5	49.7 6.2 -3.8	7.3 328.6 0.024	0.239 0.0 0.644	294	0.42 0.0 1.0	34.9 50.0 -30.5	
933	B50R_050_025 _{de}	0.5 0.25 0.5	0.5 0.25 0.375	330	0.355 0.249 0.5	42.1 12.5 -7.6	14.6 328.6 0.15	0.473 0.0 0.637	294	0.42 0.0 1.0	34.9 50.0 -30.5	
934	B50R_050_037 _{de}	0.5 0.125 0.5	0.5 0.375 0.312	330	0.282 0.124 0.5	34.4 18.7 -11.4	21.9 328.6 0.31	0.67 0.0 0.633	294	0.42 0.0 1.0	34.9 50.0 -30.5	
935	B50R_050_050 _{de}	0.5 0.0 0.5	0.5 0.5 0.25	330	0.21 0.0 0.5	26.7 25.0 -15.2	29.3 328.6 0.476	0.798 0.0 0.623	294	0.42 0.0 1.0	34.9 50.0 -30.5	
936	G00B_100_062 _{de}	0.375 1.0 0.375	1.0 0.625 0.687	150	0.375 1.0 0.382	68.4 -43.2 13.8	45.3 162.2 0.75	0.0 0.625 0.0	150	0.0 1.0 0.011	51.7 -69.1 22.1	
937	G00B_087_050 _{de}	0.375 0.875 0.375	0.875 0.5 0.625	150	0.375 0.875 0.38	64.3 -34.5 11.0	36.3 162.2 0.7	0.0 0.606 0.081	150	0.0 1.0 0.011	51.7 -69.1 22.1	
938	G00B_075_037 _{de}	0.375 0.75 0.375	0.75 0.375 0.562	150	0.375 0.75 0.379	60.1 -25.9 8.3	27.2 162.2 0.628	0.0 0.54 0.261	150	0.0 1.0 0.011	51.7 -69.1 22.1	
939	G00B_062_025 _{de}	0.375 0.625 0.375	0.625 0.25 0.5	150	0.375 0.625 0.377	56.0 -17.2 5.5	18.1 162.2 0.512	0.0 0.453 0.43	150	0.0 1.0 0.011	51.7 -69.1 22.1	
940	G00B_050_012 _{de}	0.375 0.5 0.375	0.5 0									

http://130.149.60.45/~farbmetrik/SE15/SE15L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FP.DAT in file (F), page 32/33

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

		HIC*F _{de}		rgb_F _{de}		ict_F _{de}		hsi_F _{de}		rgb*F _{de}		LabCh*F _{de}		cmyn*sep.F _{de}		hsiM _{de}		rgb*M _{de}		LabCh*M _{de}					
972	NW_000 _{de}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
973	NW_012 _{de}	0.125	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	28.2	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
974	NW_025 _{de}	0.25	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
975	NW_037 _{de}	0.375	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
976	NW_050 _{de}	0.5	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
977	NW_062 _{de}	0.625	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	67.1	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
978	NW_075 _{de}	0.75	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.9	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
979	NW_087 _{de}	0.875	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.6	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
980	NW_100 _{de}	1.0	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
981	NW_000 _{de}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
982	NW_012 _{de}	0.125	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	28.2	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
983	NW_025 _{de}	0.25	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
984	NW_037 _{de}	0.375	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
985	NW_050 _{de}	0.5	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
986	NW_062 _{de}	0.625	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	67.1	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
987	NW_075 _{de}	0.75	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.9	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
988	NW_087 _{de}	0.875	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.6	0.0	0.0	0.014	0.0	0.008	0.18	963.0	0.0	0.0	0.0	0.0	
989	NW_100 _{de}	1.0	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
990	NW_000 _{de}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
991	NW_012 _{de}	0.125	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	28.2	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
992	NW_025 _{de}	0.25	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
993	NW_037 _{de}	0.375	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
994	NW_050 _{de}	0.5	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
995	NW_062 _{de}	0.625	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	67.1	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
996	NW_075 _{de}	0.75	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.9	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
997	NW_087 _{de}	0.875	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.6	0.0	0.0	0.014	0.0	0.008	0.18	963.0	0.0	0.0	0.0	0.0	
998	NW_100 _{de}	1.0	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
999	NW_000 _{de}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
1000	NW_012 _{de}	0.125	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	28.2	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
1001	NW_025 _{de}	0.25	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
1002	NW_037 _{de}	0.375	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
1003	NW_050 _{de}	0.5	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
1004	NW_062 _{de}	0.625	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	67.1	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
1005	NW_075 _{de}	0.75	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.9	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
1006	NW_087 _{de}	0.875	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.6	0.0	0.0	0.014	0.0	0.008	0.18	963.0	0.0	0.0	0.0	0.0	
1007	NW_100 _{de}	1.0	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
1008	NW_000 _{de}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	360	1.0	1.0	1.0	963.0	0.0	0.0	0.0	0.0
1009	NW_006 _{de}	0.066	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	23.6	0.0	0.0	0.124	0.0	0.13	0.947	963.0	0.0	0.0	0.0	0.0	
1010	NW_013 _{de}	0.133	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	28.8	0.0	0.0	0.0	0.027	0.109	0.893	963.0	0.0	0.0	0.0	0.0	
1011	NW_020 _{de}	0.2	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	34.1	0.0	0.0	0.0	0.015	0.068	0.844	963.0	0.0	0.0	0.0	0.0	
1012	NW_026 _{de}	0.266	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	39.2	0.0	0.0	0.0	0.008	0.057	0.798	963.0	0.0	0.0	0.0	0.0	
1013	NW_033 _{de}	0.333	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	44.4	0.0	0.0	0.0	0.045	0.091	0.747	963.0	0.0	0.0	0.0	0.0	
1014	NW_040 _{de}	0.4	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	49.6	0.0											

http://130.149.60.45/~farbmetrik/SE15/SE15L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FP.DAT in file (F), page 33/33

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE15/SE15L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of offset print output, separationcyan* (CMYK)

n	HIC*F _{de}	rgb_F _{de}			ict_F _{de}			hsi_F _{de}	rgb*F _{de}			LabCh*F _{de}				cmyn*sep _{Fde}				hsiM _{de}	rgb*M _{de}			LabCh*M _{de}					
1053	NW_086de	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.9	0.0	0.0	0.0	0.014	0.0	0.009	0.191	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1054	NW_093de	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.1	0.0	0.0	0.0	0.01	0.0	0.003	0.095	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1055	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1056	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1057	NW_006de	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	23.6	0.0	0.0	0.0	0.124	0.0	0.13	0.947	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1058	NW_013de	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	28.8	0.0	0.0	0.0	0.0	0.027	0.109	0.893	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1059	NW_020de	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	34.1	0.0	0.0	0.0	0.0	0.015	0.068	0.844	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1060	NW_026de	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	39.2	0.0	0.0	0.0	0.0	0.008	0.057	0.798	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1061	NW_033de	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	44.4	0.0	0.0	0.0	0.0	0.045	0.091	0.747	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1062	NW_040de	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	49.6	0.0	0.0	0.0	0.0	0.046	0.094	0.695	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1063	NW_046de	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	54.8	0.0	0.0	0.0	0.0	0.017	0.058	0.643	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1064	NW_053de	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	60.0	0.0	0.0	0.0	0.007	0.0	0.042	0.568	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1065	NW_060de	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	65.2	0.0	0.0	0.0	0.0	0.025	0.058	0.493	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1066	NW_066de	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	70.3	0.0	0.0	0.0	0.0	0.0	0.025	0.427	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1067	NW_073de	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.6	0.0	0.0	0.0	0.0	0.014	0.038	0.354	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1068	NW_080de	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.8	0.0	0.0	0.0	0.0	0.004	0.021	0.272	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1069	NW_086de	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.9	0.0	0.0	0.0	0.014	0.0	0.009	0.191	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1070	NW_093de	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.1	0.0	0.0	0.0	0.01	0.0	0.003	0.095	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1071	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1072	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1073	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	
1074	R00Y_100_100de	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.131	47.6	66.3	31.6	73.4	25.4	0.0	1.0	0.867	0.0	383	1.0	0.0	0.131	47.6	66.3	31.6	73.4	25.4
1075	G50B_100_100de	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.712	56.3	-41.9	-31.5	52.4	216.9	1.0	0.0	0.286	0.0	193	0.0	1.0	0.712	56.3	-41.9	-31.5	52.4	216.9
1076	Y00G_100_100de	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.868	0.0	85.1	-3.3	83.7	83.7	92.3	0.0	0.132	1.0	0.0	83	1.0	0.868	0.0	85.1	-3.3	83.7	83.7	92.3
1077	B00R_100_100de	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.358	1.0	36.7	1.4	-46.6	46.6	271.7	1.0	0.639	0.0	0.0	249	0.0	0.358	1.0	36.7	1.4	-46.6	46.6	271.7
1078	G00B_100_100de	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.011	51.7	-69.1	22.1	72.6	162.2	1.0	0.0	0.988	0.0	150	0.0	1.0	0.011	51.7	-69.1	22.1	72.6	162.2
1079	B50R_100_100de	1.0	0.0	1.0	1.0	1.0	0.5	330	0.42	0.0	1.0	34.9	50.0	-30.5	58.6	328.6	0.577	1.0	0.0	0.0	294	0.42	0.0	1.0	34.9	50.0	-30.5	58.6	328.6

Mean color difference of this page:

delta

1-1133230-F0

SE150-7N, Page 33/33-F

TUB-test chart SE15; 1080 colours, offset standard paper
colours and differences, ΔE^* , 3D=1, de=1, *cmYk**

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