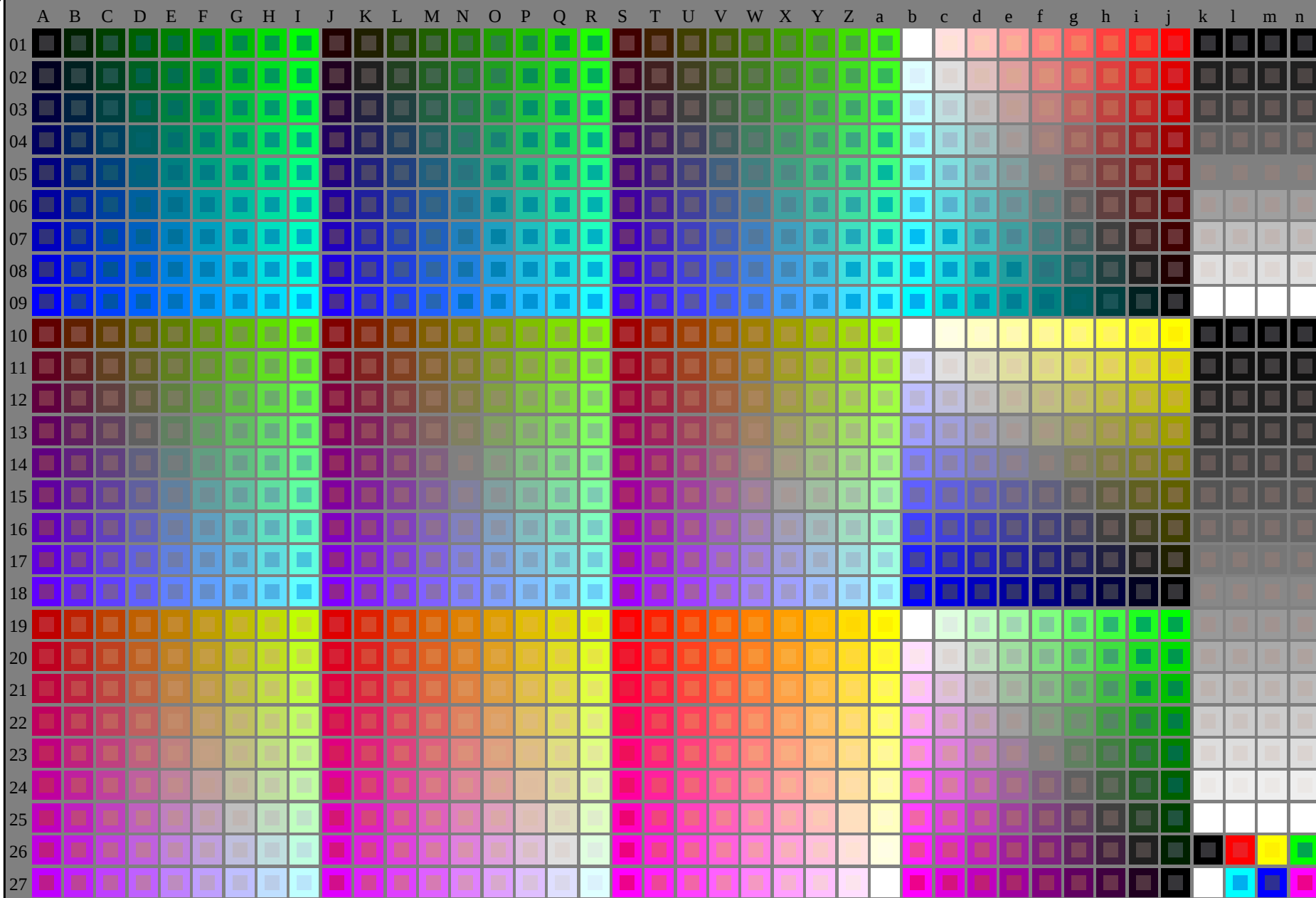


see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE15/SE15L0NP.PDF /.PS
application for measurement of offset print output

TUB material: code=rha4ta



1-013030-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 = 0

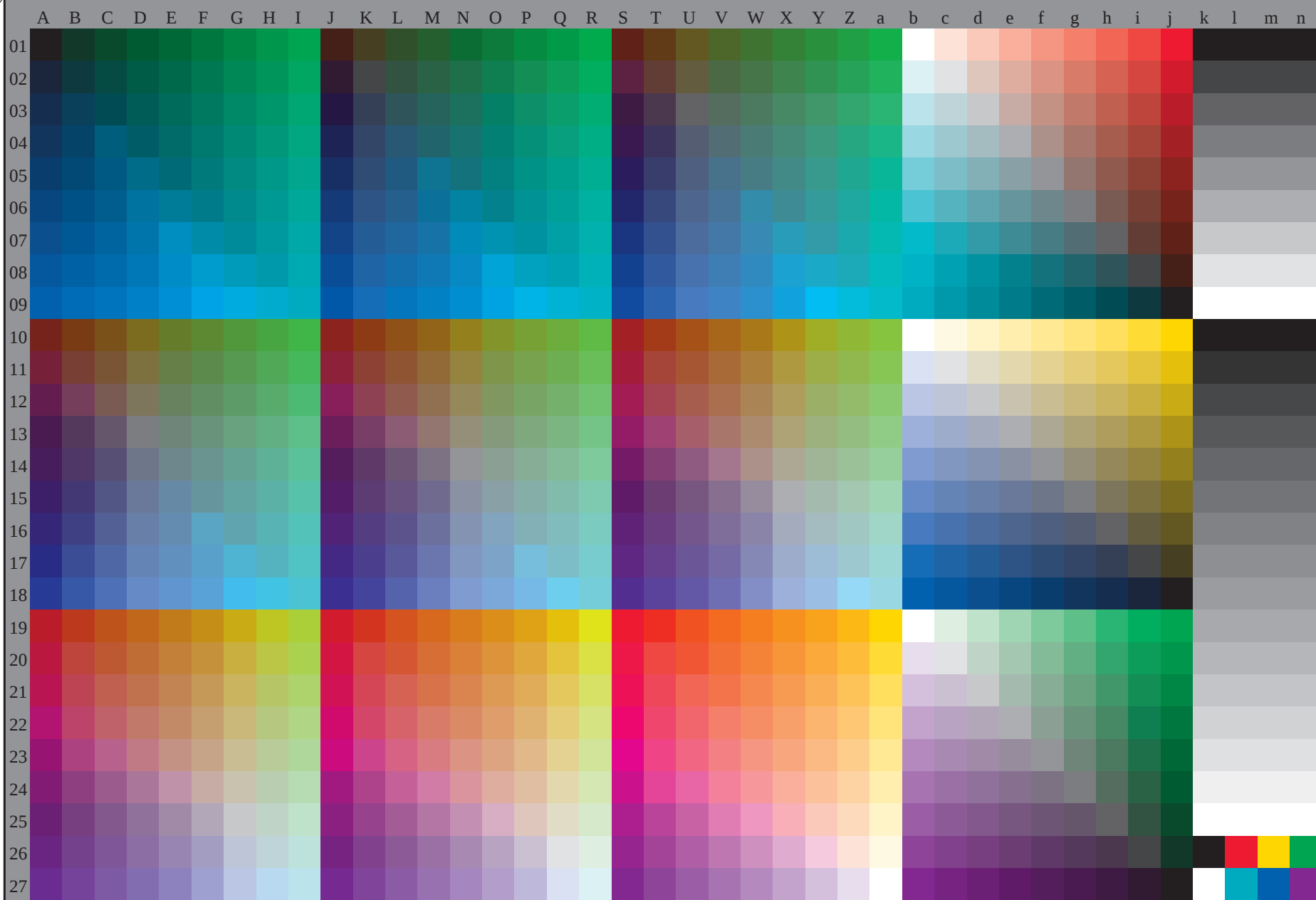
TUB-test chart SE15; 1080 colours, offset standard paper
Test chart according to DIN 33872

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

http://130.149.60.45/~farbmetrik/SE15/SE15L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 2/33

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/SE15L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of offset print output, separationcmykn6 (CMYK)



1-013130-L0

SE150-71

Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb(A_n)$, $3D=0$

TUB-test chart SE15; 1080 colours, offset standard paper
Test chart according to DIN 33872, $3D=0$, $de=1$, $cmyk$

input: $rgb/cmyk \rightarrow rgb_e$
output: transfer to $cmyk_e$

1-013130-F0

C

M

Y

O

L

V

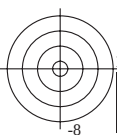
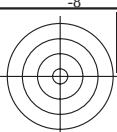
C

http://130.149.60.45/~farbmetrik/SE15/SE15L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 3/33

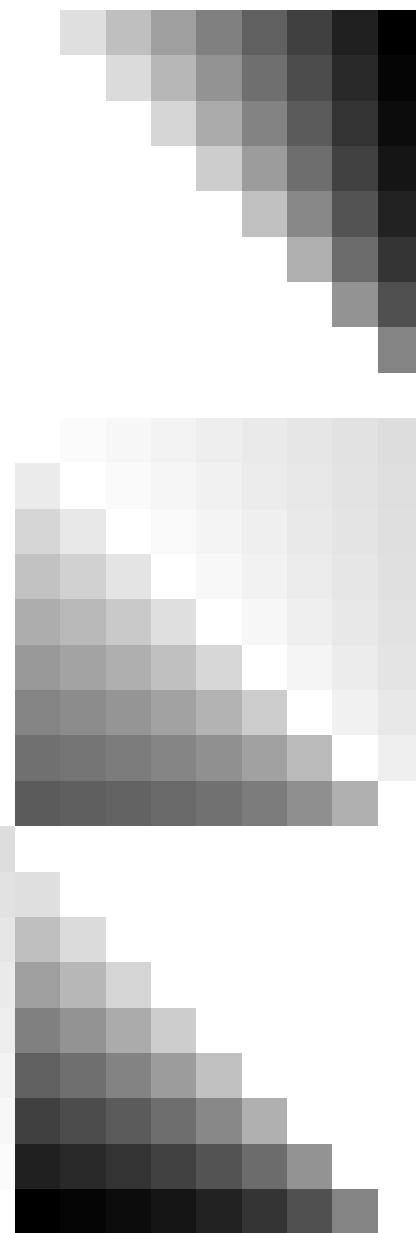
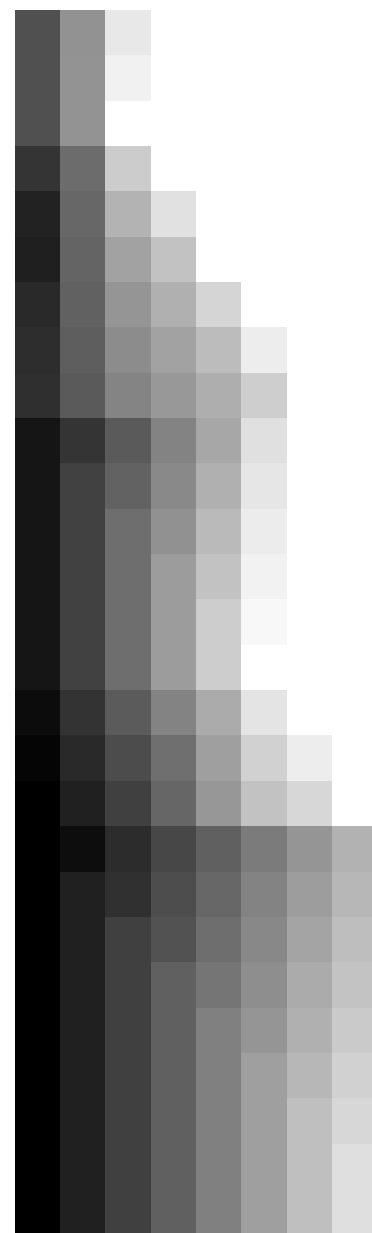
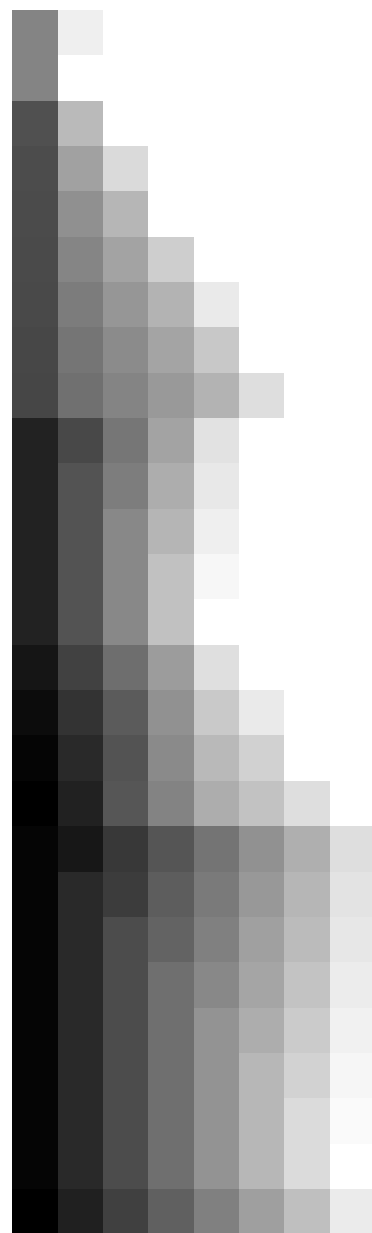
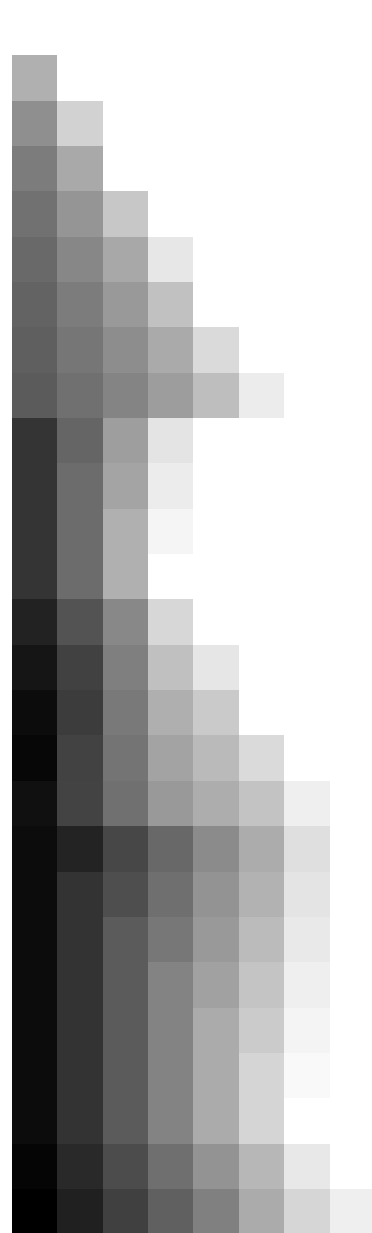
see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

SE150-71
TUB-test chart SE15; 1080 colours, offset standard paper
Test chart according to DIN 33872, 3D=0, de=1, cmyk

input: $rgb/cmyk \rightarrow rgb_e$
output: transfer to $cmyk_e$



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>



<http://130.149.60.45/~farbmetrik/SE15/SE15L0NP.PDF> /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 5/33

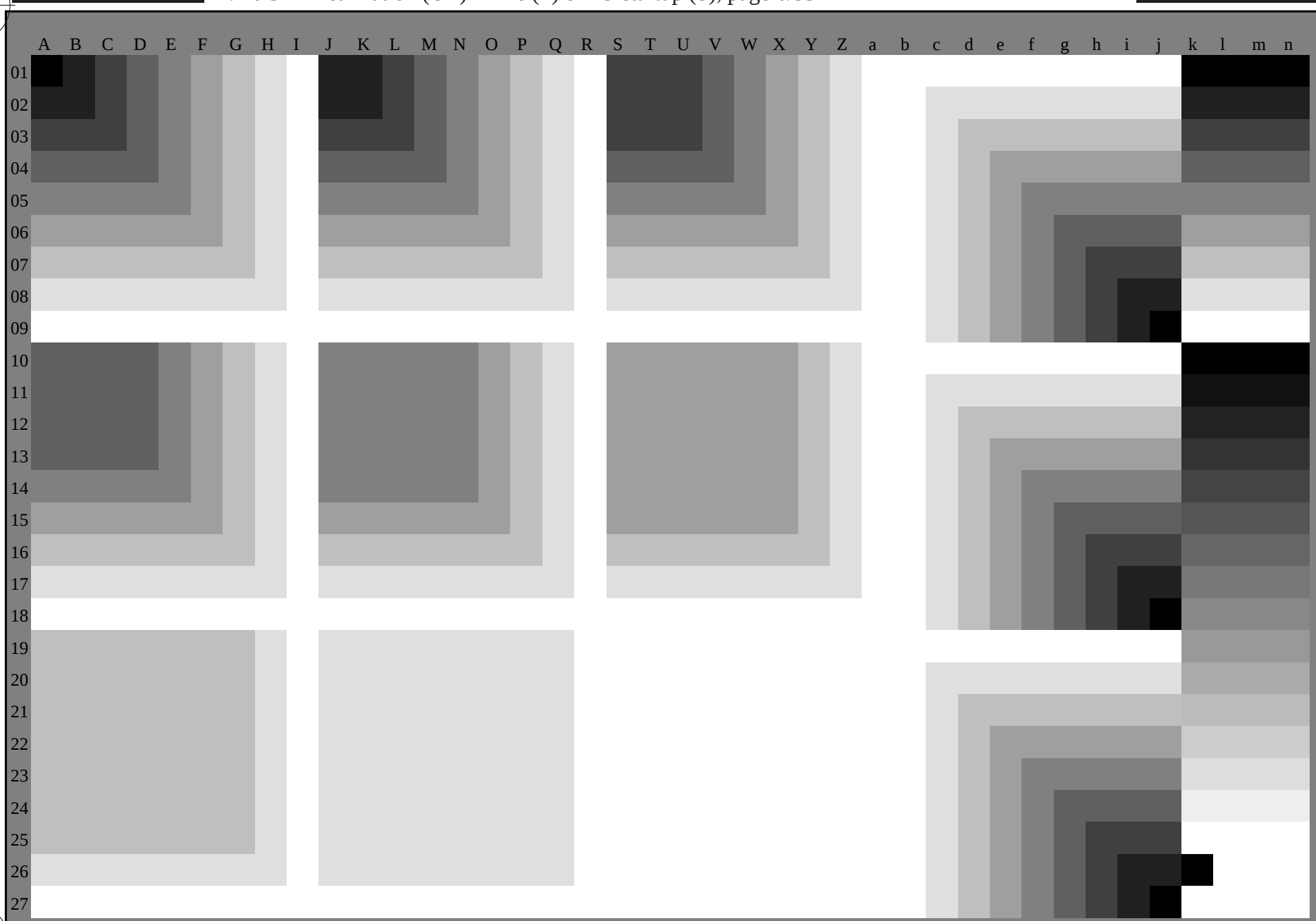
SE150-71
TUB-test chart SE15; 1080 colours, offset standard paper
Test chart according to DIN 33872, 3D=0, de=1, cmyk

input: *rgb/cmyk* $\rightarrow$ *rgb_e*
output: transfer to *cmyk_e*

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/SE15L0NP.PDF /.PS
application for measurement of offset print output, separationcmykn6 (CMYK)
TUB material: code=rha4ta



SE150-71
TUB-test chart SE15; 1080 colours, offset standard paper
Test chart according to DIN 33872, 3D=0, de=1, cmyk

input: *rgb/cmyk* -> *rgb_e*
output: transfer to *cmyk_e*



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

$J=Y_d$ 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
standard CIELAB (a^*_s, b^*_s) chroma diagram

$LCH^*_s = 82.9 \ 81.0 \ 90.0$

$LAB^*_s = 82.9 \ 0.0 \ 81.0$

$rgb^*_{ds} = 1.0 \ 0.812 \ 0.0$

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

$LCH^*_s = 47.5 \ 75.8 \ 30.0$

$LAB^*_s = 47.5 \ 65.6 \ 37.9$

$rgb^*_{ds} = 1.0 \ 0.0 \ 0.01$

M_s blue-red

$LCH^*_s = 35.6 \ 59.1 \ 330.0$

$LAB^*_s = 35.6 \ 51.2 \ -29.5$

$rgb^*_{ds} = 0.443 \ 0.0 \ 1.0$

C_s blue-green

$LCH^*_s = 55.5 \ 52.6 \ 210.0$

$LAB^*_s = 55.5 \ -45.6 \ -26.3$

$rgb^*_{ds} = 0.0 \ 1.0 \ 0.63$

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

1-013630-L0

SE150-71

$LAB^*_{La0}, YN=0\%, XYZ_{Znw}=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB^*_{nw}=18.5, 0.0, 0.0, 96.4, 0.0, 0.0$

Output: Offset standard print; separation cmyn6*, D65, page 7/33

TUB-test chart SE15; 1080 colours, offset standard paper
48 step hue circles; $rgb-LabCh^*$ tables, 3D=0, de=1, $cm\dot{y}k$

input: $rgb/cmyk \rightarrow rgb_e$
output: transfer to $cmyk_e$

1-013630-F0

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 RYGBM₆: $d_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; Six hue angles of the elementary colours RYGBM₆: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

h _{ab,d} h _{ab,s} h _{ab,e}			rgb*dd64M LAB*ddx64M (x=LabCh)								rgb*ddx361M LAB*ddx361M (x=LabCh)								rgb*dex361M LAB*dex361M (x=LabCh)								rgb*dex361M LAB*dex361M							
30.4	30.0	25.4	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4	1.0	0.0	0.0	47.5	65.6	38.5	76.1	30	1.0	0.0	0.011	47.5	65.7	37.9	75.8	30	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	1.0	0.117	0.0	51.3	57.3	42.9	71.6	36	1.0	0.12	0.0	51.4	57.0	43.0	71.4	37	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	1.0	0.25	0.0	56.6	45.8	49.5	67.4	47	1.0	0.222	0.0	55.5	48.3	48.3	68.3	45	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	1.0	0.367	0.0	62.0	35.2	56.1	66.2	57	1.0	0.302	0.0	59.0	41.2	52.7	66.9	52	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	1.0	0.5	0.0	68.1	24.0	63.0	67.5	69	1.0	0.391	0.0	63.1	33.1	57.4	66.3	60	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	1.0	0.617	0.0	74.5	13.1	71.1	72.2	79	1.0	0.475	0.0	66.9	26.3	61.8	67.2	67	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	1.0	0.75	0.0	80.6	3.5	78.1	78.1	87	1.0	0.565	0.0	71.7	18.2	67.8	70.1	75	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	1.0	0.867	0.0	85.1	-3.2	83.6	83.7	92	1.0	0.654	0.0	76.3	10.3	73.2	73.9	82	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	1.0	1.0	0.0	89.4	-9.4	89.1	89.6	96	1.0	0.812	0.0	83.0	0.0	81.1	81.1	90	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	0.883	1.0	0.0	86.9	-13.6	83.1	84.3	99	0.967	1.0	0.0	88.7	-10.6	87.4	88.1	97	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	0.75	1.0	0.0	83.7	-17.7	77.2	79.2	102	0.7	1.0	0.0	81.4	-20.0	74.9	77.5	105	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	0.633	1.0	0.0	78.4	-22.7	71.7	75.3	107	0.566	1.0	0.0	75.7	-26.7	66.4	71.6	112	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	0.5	1.0	0.0	73.2	-30.1	60.8	67.9	116	0.445	1.0	0.0	71.3	-33.1	57.5	66.4	120	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	0.383	1.0	0.0	69.1	-36.1	53.6	64.6	124	0.353	1.0	0.0	67.4	-38.6	51.3	64.3	127	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	0.25	1.0	0.0	60.9	-47.4	42.4	63.7	138	0.28	1.0	0.0	62.8	-45.1	45.2	63.9	135	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	0.133	1.0	0.0	57.0	-55.5	34.0	65.2	148	0.207	1.0	0.0	59.5	-50.5	39.6	64.2	142	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	0.0	1.0	0.0	51.7	-69.3	23.1	73.1	161	0.117	1.0	0.0	56.4	-56.8	32.9	65.8	150	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	0.0	1.0	0.117	52.3	-66.3	14.3	67.9	167	0.047	1.0	0.0	53.5	-64.5	27.4	70.2	157	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	0.0	1.0	0.25	53.0	-61.8	4.0	62.0	176	0.0	1.0	0.063	52.0	-67.8	18.2	70.3	165	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	0.0	1.0	0.367	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	0.321	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	0.0	1.0	0.5	54.7	-50.8	-17.2	53.7	198	0.0	1.0	0.294	53.3	-60.1	0.0	60.2	180	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	0.0	1.0	0.617	55.4	-46.1	-25.3	52.7	208	0.0	1.0	0.376	53.9	-56.4	-6.8	56.9	187	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	0.0	1.0	0.75	56.7	-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	0.552	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	0.0	1.0	0.867	57.3	-36.3	-39.2	53.6	227	0.0	1.0	0.537	54.9	-49.4	-19.9	53.4	202	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	0.0	1.0	1.0	57.9	-31.9	-45.0	55.3	234	0.0	1.0	0.631	55.5	-45.5	-26.2	52.7	210	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	0.0	0.883	1.0	55.1	-27.8	-45.3	53.2	238	0.0	1.0	0.713	56.3	-41.8	-31.5	52.5	217	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	0.0	0.75	1.0	51.3	-22.1	-45.5	50.7	244	0.0	1.0	0.831	57.1	-37.5	-37.5	53.2	225	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	0.0	0.633	1.0	47.5	-16.3	-45.9	48.8	250	0.0	1.0	0.952	57.7	-33.6	-43.0	54.7	232	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	0.0	0.5	1.0	42.4	-7.7	-46.2	47.0	260	0.0	0.845	1.0	54.1	-26.2	-45.4	52.5	240	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	0.0	0.383	1.0	37.7	-0.1	-46.4	46.5	269	0.0	0.695	1.0	49.6	-19.4	-45.8	49.8	247	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	0.0	0.25	1.0	32.8	8.5	-47.0	47.8	280	0.0	0.57	1.0	45.1	-12.3	-46.2	47.9	255	0.0	0.531	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	0.0	0.133	1.0	28.4	16.2	-47.5	50.3	288	0.0	0.481	1.0	41.6	-6.4	-46.3	46.9	262	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	0.0	0.0	1.0	25.0	23.0	-47.7	53.1	295	0.0	0.38	1.0	37.5	0.0	-46.4	4									

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	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
37.2	37.5	33.8	1.0	0.125	0.0	51.5	56.6	43.1	71.2	37.2
47.2	45.0	42.1	1.0	0.25	0.0	56.6	45.8	49.4	67.4	47.2
58.6	52.5	50.5	1.0	0.375	0.0	62.3	34.4	56.4	66.1	58.6
69.1	60.0	58.8	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
80.3	67.5	67.2	1.0	0.625	0.0	74.9	12.1	71.5	72.5	80.3
87.4	75.0	75.6	1.0	0.75	0.0	80.5	3.4	78.0	78.1	87.4
92.5	82.5	83.9	1.0	0.875	0.0	85.4	-3.7	84.0	84.0	92.5
96.0	90.0	92.3	1.0	1.0	0.0	89.4	-9.5	89.0	89.6	96.0
99.5	97.5	101.0	0.875	1.0	0.0	86.7	-13.9	82.7	83.8	99.5
102.9	105.0	109.7	0.75	1.0	0.0	83.7	-17.7	77.1	79.2	102.9
107.9	112.5	118.5	0.625	1.0	0.0	77.9	-23.1	71.3	75.0	107.9
116.4	120.0	127.2	0.5	1.0	0.0	73.1	-30.2	60.8	67.9	116.4
124.5	127.5	136.0	0.375	1.0	0.0	68.8	-36.5	53.0	64.4	124.5
138.2	135.0	144.7	0.25	1.0	0.0	60.8	-47.5	42.4	63.7	138.2
149.2	142.5	153.4	0.125	1.0	0.0	56.7	-56.1	33.3	65.2	149.2
161.6	150.0	162.2	0.0	1.0	0.0	51.6	-69.3	23.0	73.1	161.6
168.3	157.5	169.0	0.0	1.0	0.125	52.3	-66.1	13.6	67.5	168.3
176.2	165.0	175.9	0.0	1.0	0.25	53.0	-61.8	4.0	61.9	176.2
186.9	172.5	182.7	0.0	1.0	0.375	53.8	-56.5	-6.8	56.9	186.9
198.8	180.0	189.6	0.0	1.0	0.5	54.6	-50.8	-17.3	53.7	198.8
209.5	187.5	196.4	0.0	1.0	0.625	55.4	-45.8	-25.9	52.6	209.5
220.1	195.0	203.2	0.0	1.0	0.75	56.6	-40.0	-33.7	52.4	220.1
227.6	202.5	210.1	0.0	1.0	0.875	57.2	-36.1	-39.6	53.6	227.6
234.6	210.0	216.9	0.0	1.0	1.0	57.8	-31.9	-45.1	55.3	234.6
238.7	217.5	223.8	0.0	0.875	1.0	54.9	-27.5	-45.3	53.0	238.7
244.0	225.0	230.6	0.0	0.75	1.0	51.3	-22.1	-45.6	50.7	244.0
250.7	232.5	237.5	0.0	0.625	1.0	47.2	-16.0	-45.9	48.7	250.7
260.4	240.0	244.3	0.0	0.5	1.0	42.3	-7.7	-46.3	46.9	260.4
270.4	247.5	251.2	0.0	0.375	1.0	37.3	0.3	-46.4	46.4	270.4
280.2	255.0	258.0	0.0	0.25	1.0	32.7	8.5	-47.0	47.8	280.2
289.3	262.5	264.8	0.0	0.125	1.0	28.1	16.7	-47.6	50.4	289.3
295.6	270.0	271.7	0.0	0.0	1.0	24.9	22.9	-47.8	53.0	295.6
305.9	277.5	278.8	0.125	0.0	1.0	27.8	31.4	-43.4	53.6	305.9
311.7	285.0	285.9	0.25	0.0	1.0	29.9	36.0	-40.4	54.1	311.7
325.9	292.5	293.0	0.375	0.0	1.0	33.7	47.7	-32.2	57.5	325.9
333.2	300.0	300.1	0.5	0.0	1.0	37.0	53.9	-27.1	60.4	333.2
339.6	307.5	307.2	0.625	0.0	1.0	40.2	59.7	-22.1	63.7	339.6
346.7	315.0	314.3	0.75	0.0	1.0	43.3	66.7	-15.7	68.5	346.7
350.3	322.5	321.4	0.875	0.0	1.0	45.9	70.7	-12.0	71.7	350.3
353.2	330.0	328.6	1.0	0.0	1.0	48.2	74.2	-8.7	74.7	353.2
356.1	337.5	335.7	1.0	0.0	0.875	48.2	73.1	-4.9	73.3	356.1
359.3	345.0	342.8	1.0	0.0	0.75	48.1	72.1	-0.7	72.1	359.3
364.0	352.5	349.9	1.0	0.0	0.625	48.0	70.7	4.9	70.9	364.0
369.2	360.0	357.0	1.0	0.0	0.5	47.8	69.7	11.3	70.6	369.2
375.0	367.5	364.1	1.0	0.0	0.375	47.8	68.2	18.3	70.6	375.0
380.8	375.0	371.2	1.0	0.0	0.25	47.8	67.0	25.4	71.7	380.8
385.7	382.5	378.3	1.0	0.0	0.125	47.6	66.2	31.9	73.5	385.7
390.4	390.0	385.4	1.0	0.0	0.0	47.5	65.5	38.4	76.0	390.4

TUB registration: 20130201-SE15/SE15L0NP.PDF /.PS
application for measurement of offset print output, separationcmyn6 (CMYK)
TUB material: code=rh4ta

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

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 0.011	47.5 65.7 37.9 75.8 30		1.0 0.0 0.0	1.0 0.0 0.131	47.7 66.3 31.6 73.5 25		1.0	0.0	0.0
31	31	26	1.0 0.016 0.0	48.0 64.4 39.2 75.4 31		1.0 0.011 0.0	47.9 64.8 39.0 75.6 31		1.0 0.017 0.0	1.0 0.0 0.102	47.6 66.2 33.1 74.0 26		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 0.029 0.0	48.5 63.6 39.7 74.9 32		1.0 0.033 0.0	1.0 0.0 0.072	47.6 66.1 34.7 74.6 27		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 0.047 0.0	49.0 62.3 40.4 74.2 33		1.0 0.05 0.0	1.0 0.0 0.043	47.6 65.9 36.3 75.2 28		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 0.065 0.0	49.6 61.0 41.1 73.5 34		1.0 0.067 0.0	1.0 0.0 0.013	47.5 65.7 37.8 75.8 29		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 0.084 0.0	50.2 59.7 41.8 72.8 35		1.0 0.083 0.0	1.0 0.012 0.0	47.9 64.8 39.0 75.6 31		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 0.102 0.0	50.8 58.3 42.4 72.1 36		1.0 0.1 0.0	1.0 0.032 0.0	48.6 63.3 39.8 74.8 32		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 0.12 0.0	51.4 57.0 43.0 71.4 37		1.0 0.117 0.0	1.0 0.052 0.0	49.2 61.9 40.6 74.0 33		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 0.134 0.0	51.9 55.9 43.7 71.0 38		1.0 0.133 0.0	1.0 0.073 0.0	49.9 60.5 41.4 73.3 34		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 0.147 0.0	52.4 54.8 44.4 70.6 39		1.0 0.15 0.0	1.0 0.093 0.0	50.5 59.0 42.1 72.5 35		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 0.159 0.0	52.9 53.8 45.1 70.2 40		1.0 0.167 0.0	1.0 0.113 0.0	51.2 57.5 42.8 71.7 36		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 0.172 0.0	53.5 52.7 45.8 69.8 41		1.0 0.183 0.0	1.0 0.131 0.0	51.8 56.2 43.5 71.1 37		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 0.185 0.0	54.0 51.6 46.5 69.4 42		1.0 0.2 0.0	1.0 0.145 0.0	52.4 55.0 44.3 70.6 38		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 0.197 0.0	54.5 50.5 47.1 69.0 43		1.0 0.217 0.0	1.0 0.159 0.0	52.9 53.8 45.1 70.2 39		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 0.21 0.0	55.0 49.4 47.7 68.7 44		1.0 0.233 0.0	1.0 0.173 0.0	53.5 52.6 45.8 69.8 41		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 0.222 0.0	55.5 48.3 48.3 68.3 45		1.0 0.25 0.0	1.0 0.187 0.0	54.1 51.4 46.6 69.4 42		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 0.235 0.0	56.0 47.2 48.8 67.9 46		1.0 0.267 0.0	1.0 0.201 0.0	54.6 50.2 47.3 68.9 43		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 0.247 0.0	56.5 46.1 49.4 67.5 47		1.0 0.283 0.0	1.0 0.215 0.0	55.2 48.9 47.9 68.5 44		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 0.259 0.0	57.0 45.1 50.1 67.4 48		1.0 0.3 0.0	1.0 0.229 0.0	55.8 47.7 48.6 68.1 45		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 0.27 0.0	57.5 44.1 50.7 67.2 49		1.0 0.317 0.0	1.0 0.243 0.0	56.3 46.5 49.2 67.7 46		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 0.281 0.0	58.0 43.1 51.4 67.1 50		1.0 0.333 0.0	1.0 0.256 0.0	56.9 45.3 49.9 67.4 47		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 0.292 0.0	58.5 42.2 52.1 67.0 51		1.0 0.35 0.0	1.0 0.268 0.0	57.5 44.2 50.7 67.2 48		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 0.302 0.0	59.0 41.2 52.7 66.9 52		1.0 0.367 0.0	1.0 0.28 0.0	58.0 43.2 51.4 67.1 49		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 0.313 0.0	59.6 40.2 53.3 66.8 53		1.0 0.383 0.0	1.0 0.293 0.0	58.6 42.1 52.1 67.0 51		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 0.324 0.0	60.1 39.2 53.9 66.7 54		1.0 0.4 0.0	1.0 0.305 0.0	59.2 41.0 52.8 66.9 52		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 0.335 0.0	60.6 38.2 54.5 66.5 55		1.0 0.417 0.0	1.0 0.317 0.0	59.7 39.9 53.5 66.7 53		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 0.346 0.0	61.1 37.1 55.1 66.4 56		1.0 0.433 0.0	1.0 0.329 0.0	60.3 38.7 54.2 66.6 54		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 0.357 0.0	61.6 36.1 55.6 66.3 57		1.0 0.45 0.0	1.0 0.341 0.0	60.8 37.6 54.8 66.5 55		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 0.368 0.0	62.1 35.1 56.1 66.2 58		1.0 0.467 0.0	1.0 0.354 0.0	61.4 36.5 55.4 66.3 56		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 0.379 0.0	62.6 34.1 56.7 66.2 59		1.0 0.483 0.0	1.0 0.366 0.0	62.0 35.3 56.0 66.2 57		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 0.391 0.0	63.1 33.1 57.4 66.3 60		1.0 0.5 0.0	1.0 0.378 0.0	62.5 34.2 56.6 66.1 58		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 0.403 0.0	63.7 32.2 58.1 66.4 61		1.0 0.517 0.0	1.0 0.391 0.0	63.1 33.1 57.4 66.3 60		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 0.415 0.0	64.2 31.2 58.8 66.5 62		1.0 0.533 0.0	1.0 0.405 0.0	63.8 32.1 58.2 66.4 61		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 0.427 0.0	64.8 30.3 59.4 66.7 63		1.0 0.55 0.0	1.0 0.418 0.0	64.4 31.0 58.9 66.6 62		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 0.439 0.0	65.3 29.3 60.0 66.8 64		1.0 0.567 0.0	1.0 0.431 0.0	65.0 29.9 59.6 66.7 63		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 0.451 0.0	65.9 28.3 60.7 66.9 65		1.0 0.583 0.0	1.0 0.444 0.0	65.6 28.8 60.3 66.9 64		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 0.463 0.0	66.4 27.3 61.3 67.1 66		1.0 0.6 0.0	1.0 0.458 0.0	66.2 27.7 61.0 67.0 65		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 0.475 0.0	66.9 26.3 61.8 67.2 67		1.0 0.617 0.0	1.0 0.471 0.0	66.8 26.6 61.7 67.1 66		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 0.486 0.0	67.5 25.2 62.4 67.3 68		1.0 0.633 0.0	1.0 0.484 0.0	67.4 25.4 62.3 67.3 67		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 0.498 0.0	68.0 24.2 63.0 67.4 69		1.0 0.65 0.0	1.0 0.497 0.0	68.0 24.3 62.9 67.4 68		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 0.51 0.0	68.6 23.2 63.8 67.8 70		1.0 0.667 0.0	1.0 0.51 0.0	68.6 23.2 63.8 67.9 70		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 0.521 0.0	69.2 22.2 64.6 68.3 71		1.0 0.683 0.0	1.0 0.522 0.0	69.3 22.1 64.7 68.4 71		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 0.532 0.0	69.9 21.3 65.4 68.8 72		1.0 0.7 0.0	1.0 0.535 0.0	70.0 21.0 65.6 68.9 72		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 0.543 0.0	70.5 20.2 66.2 69.2 73		1.0 0.717 0.0	1.0 0.547 0.0	70.7 19.9 66.5 69.4 73		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 0.554 0.0	71.1 19.2 67.0 69.7 74		1.0 0.733 0.0	1.0 0.56 0.0	71.4 18.7 67.4 69.9 74		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 0.565 0.0	71.7 18.2 67.8 70.1 75		1.0 0.75 0.0	1.0 0.572 0.0	72.1 17.5 68.2 70.4 75		1.0	0.75	0.0

1-013930-L0

SE150-71

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 10/33

TUB-test chart SE15; 1080 colours, offset standard paper
48 step hue circles; $rgb-LabCh^*$ tables, 3D=0, de=1, $cmyk$

input: $rgb/cmyk \rightarrow rgb_e$
output: transfer to $cmyk_e$

1-013930-F0

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

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}	$LAB^*_{dxx361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_d	rgb^*_s	rgb^*_e																					
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	0.35	1.0	0.0	67.3	-38.8	51.1	64.3	127	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	0.34	1.0	0.0	66.6	-39.8	50.3	64.2	128	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	0.329	1.0	0.0	65.9	-40.8	49.4	64.2	129	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	0.319	1.0	0.0	65.2	-41.7	48.5	64.1	130	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	0.308	1.0	0.0	64.6	-42.7	47.6	64.0	131	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	0.297	1.0	0.0	63.9	-43.6	46.7	64.0	133	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	0.287	1.0	0.0	63.2	-44.5	45.8	63.9	134	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	0.276	1.0	0.0	62.5	-45.4	44.8	63.9	135	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	0.265	1.0	0.0	61.8	-46.2	43.8	63.8	136	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	0.255	1.0	0.0	61.2	-47.1	42.9	63.7	137	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	0.243	1.0	0.0	60.6	-48.0	41.9	63.8	138	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	0.229	1.0	0.0	60.2	-49.0	41.0	64.0	140	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	0.216	1.0	0.0	59.7	-49.9	40.1	64.1	141	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	0.203	1.0	0.0	59.3	-50.9	39.2	64.3	142	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	0.19	1.0	0.0	58.9	-51.8	38.3	64.5	143	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	0.176	1.0	0.0	58.4	-52.7	37.3	64.6	144	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	0.163	1.0	0.0	58.0	-53.6	36.3	64.8	145	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	0.15	1.0	0.0	57.6	-54.4	35.3	65.0	147	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	0.137	1.0	0.0	57.1	-55.3	34.3	65.1	148	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	0.123	1.0	0.0	56.7	-56.2	33.3	65.4	149	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	0.112	1.0	0.0	56.2	-57.5	32.5	66.1	150	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	0.1	1.0	0.0	55.7	-58.8	31.7	66.9	151	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	0.088	1.0	0.0	55.2	-60.1	30.8	67.6	152	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	0.076	1.0	0.0	54.8	-61.3	29.9	68.3	154	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	0.065	1.0	0.0	54.3	-62.6	28.9	69.1	155	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	0.053	1.0	0.0	53.8	-63.9	27.9	69.8	156	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	0.041	1.0	0.0	53.3	-65.1	26.9	70.5	157	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	0.029	1.0	0.0	52.8	-66.3	25.9	71.3	158	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	0.017	1.0	0.0	52.4	-67.5	24.8	72.0	159	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	0.006	1.0	0.0	51.9	-68.7	23.6	72.8	161	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	1.0	0.011	51.7	-69.0	22.2	72.6	$162G_e$	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	0.028	51.8	-68.7	20.8	71.8	163	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	0.045	51.9	-68.3	19.5	71.1	164	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	0.062	52.0	-67.8	18.2	70.3	164	0.0	1.0	0.05	
165	154	165	0.0	1.0	0.066	52.0	-67.8	17.9																									

http://130.149.60.45/~farbmetrik/SE15/SE15L0NP.PDF /PS; transfer output

N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 14/33

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}			$LAB^*_{dd361Mi}(x=LabCh)$			C_d	$rgb^*_{ds361Mi}$			$LAB^*_{ds361Mi}(x=LabCh)$			C_s	$rgb^*_{dd361Mi}$			$rgb^*_{de361Mi}$			$LAB^*_{dex361Mi}(x=LabCh)$			C_e	$rgb^*_{dd361Mi}$			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}				
234	210	216	0.0	1.0	1.0	57.8	-31.9	-45.1	55.3	234	0.0	1.0	0.631	55.5	-45.5	-26.2	52.7	210	0.0	1.0	1.0	0.0	1.0	0.713	56.3	-41.8	-31.5	52.5	216	0.0	1.0	1.0				
235	211	217	0.0	0.983	1.0	57.4	-31.3	-45.1	55.0	235	0.0	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				
235	212	218	0.0	0.966	1.0	57.0	-30.7	-45.2	54.7	235	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				
236	213	219	0.0	0.95	1.0	56.6	-30.1	-45.2	54.4	236	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				
236	214	220	0.0	0.933	1.0	56.2	-29.6	-45.3	54.1	236	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				
237	215	221	0.0	0.916	1.0	55.9	-29.0	-45.3	53.8	237	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				
237	216	222	0.0	0.9	1.0	55.5	-28.4	-45.3	53.5	237	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				
238	217	223	0.0	0.883	1.0	55.1	-27.8	-45.3	53.2	238	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				
239	218	224	0.0	0.866	1.0	54.6	-27.2	-45.4	52.9	239	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				
239	219	225	0.0	0.85	1.0	54.1	-26.4	-45.4	52.6	239	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				
240	220	226	0.0	0.833	1.0	53.7	-25.7	-45.5	52.3	240	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				
241	221	227	0.0	0.816	1.0	53.2	-25.0	-45.5	51.9	241	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				
241	222	227	0.0	0.8	1.0	52.7	-24.3	-45.5	51.6	241	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				
242	223	228	0.0	0.783	1.0	52.2	-23.5	-45.6	51.3	242	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				
243	224	229	0.0	0.766	1.0	51.8	-22.8	-45.6	51.0	243	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				
244	225	230	0.0	0.75	1.0	51.3	-22.1	-45.6	50.7	244	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				
244	226	231	0.0	0.733	1.0	50.7	-21.3	-45.7	50.4	244	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				
245	227	232	0.0	0.716	1.0	50.2	-20.5	-45.7	50.1	245	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				
246	228	233	0.0	0.7	1.0	49.7	-19.6	-45.8	49.9	246	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				
247	229	234	0.0	0.683	1.0	49.1	-18.8	-45.9	49.6	247	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				
248	230	235	0.0	0.666	1.0	48.6	-18.0	-45.9	49.3	248	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			
249	231	236	0.0	0.65	1.0	48.0	-17.2	-45.9	49.1	249	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			
250	232	237	0.0	0.633	1.0	47.5	-16.4	-45.9	48.8	250	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			
251	233	237	0.0	0.616	1.0	46.9	-15.4	-46.0	48.5	251	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			
252	234	238	0.0	0.6	1.0	46.2	-14.3	-46.1	48.3	252	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			
253	235	239	0.0	0.583	1.0	45.6	-13.2	-46.2	48.1	253	0.0	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			
255	236	240	0.0	0.566	1.0	44.9	-12.1	-46.3	47.8	255	0.0	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			
256	237	241	0.0	0.55	1.0	44.3	-11.0	-46.3	47.6	256	0.0	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			
257	238	242	0.0	0.533	1.0	43.6	-9.9	-46.3	47.4	257	0.0	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			
259	239	243	0.0	0.516	1.0	43.0	-8.8	-46.3	47.2	259	0.0	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			
260	240	244	0.0	0.5	1.0	42.3	-7.7	-46.3	46.9	260	0.0	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			
261	241	245	0.0	0.483	1.0	41.6	-6.7	-46.4	46.9	261	0.0	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			
263	242	246	0.0	0.466	1.0	41.0	-5.6	-46.4	46.8	263	0.0	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	</		

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

Six hue angles of the device colours RYGBCM _d : $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; Six hue angles of the elementary colours RYGBCM _e : $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$												
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dxd361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
333	300	300	0.5	0.0	1.0	37.0	53.9	-27.1 60.8	333	0.053	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
334	302	302	0.533	0.0	1.0	37.9	55.5	-25.9 61.3	334	0.077	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
336	304	303	0.566	0.0	1.0	38.7	57.1	-24.6 62.2	336	0.102	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
338	306	305	0.6	0.0	1.0	39.6	58.6	-23.2 63.0	338	0.127	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
340	308	307	0.633	0.0	1.0	40.4	60.2	-21.7 64.0	340	0.17	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
342	310	309	0.666	0.0	1.0	41.2	62.1	-20.1 65.3	342	0.213	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
343	312	311	0.7	0.0	1.0	42.1	64.0	-18.4 66.6	343	0.252	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
345	314	313	0.733	0.0	1.0	42.9	65.8	-16.6 67.9	345	0.27	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
347	316	315	0.766	0.0	1.0	43.6	67.3	-15.2 69.0	347	0.287	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
348	318	317	0.8	0.0	1.0	44.3	68.3	-14.2 69.8	348	0.305	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
349	320	319	0.833	0.0	1.0	45.0	69.4	-13.2 70.6	349	0.323	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
350	322	321	0.866	0.0	1.0	45.7	70.4	-12.2 71.5	350	0.34	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
350	324	322	0.9	0.0	1.0	46.3	71.4	-11.3 72.3	350	0.358	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
351	326	324	0.933	0.0	1.0	47.0	72.3	-10.5 73.1	351	0.375	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
352	328	326	0.966	0.0	1.0	47.6	73.2	-9.6 73.9	352	0.41	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
353	330	328	1.0	0.0	1.0	48.2	74.2	-8.7 74.7	353	0.444	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
354	332	330	1.0	0.0	0.966	48.2	73.9	-7.7 74.3	354	0.478	0.0	1.0
354	333	331	1.0	0.0	0.95	48.2	73.8	-7.2 74.1	354	0.495	0.0	1.0
354	334	332	1.0	0.0	0.933	48.2	73.6	-6.7 73.9	354	0.514	0.0	1.0
355	335	333	1.0	0.0	0.916	48.2	73.5	-6.2 73.8	355	0.534	0.0	1.0
355	336	334	1.0	0.0	0.9	48.2	73.3	-5.6 73.6	355	0.553	0.0	1.0
355	337	335	1.0	0.0	0.883	48.2	73.2	-5.1 73.4	355	0.573	0.0	1.0
356	338	336	1.0	0.0	0.866	48.2	73.1	-4.6 73.2	356	0.592	0.0	1.0
356	339	337	1.0	0.0	0.85	48.1	72.9	-4.0 73.0	356	0.612	0.0	1.0
357	340	338	1.0	0.0	0.833	48.1	72.8	-3.5 72.9	357	0.631	0.0	1.0
357	341	339	1.0	0.0	0.816	48.1	72.7	-2.9 72.7	357	0.648	0.0	1.0
358	342	339	1.0	0.0	0.8	48.1	72.5	-2.4 72.5	358	0.666	0.0	1.0
358	343	340	1.0	0.0	0.783	48.1	72.4	-1.8 72.4	358	0.684	0.0	1.0
358	344	341	1.0	0.0	0.766	48.1	72.2	-1.3 72.2	358	0.701	0.0	1.0
359	345	342	1.0	0.0	0.75	48.1	72.1	-0.7 72.1	359	0.719	0.0	1.0

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 cmy^{6*}, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

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

[illegible]

TUB registration: 20130201-SE15/SE15L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of offset print output, separationcmvnb6 (CMYK)

Output: Offset standard print; separation cmyn6*, D65, page 17/33

TUB-test chart SE15; 1080 colours, offset standard paper
48 step hue circles; *rgb-LabCh** tables, 3D=0, de=1, *cmYk*

input: $rgb/cmyk \rightarrow rgb_e$
output: transfer to $cmyk_e$

http://130.149.60.45/~farbmetrik/SE15/SE15L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), 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/j	HIC*Fe	rgb_Fe	ict_Fe	hsi_Fe	rgb*Fe	LabCh*Fe	rgb**Fe	LabCh**Fe	DE**Fe	hsiMe	rgb*Me	LabCh*Me
0/648	R00Y_100_100e	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	1.0 0.0 0.0	47.5 65.5 38.4 76.0 30.4 6.9 383	1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4	1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4
1/657	R13Y_100_100e	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	1.0 0.125 0.0	51.5 56.6 43.1 71.2 37.2 6.2 32	1.0 0.052 0.0	49.2 61.9 40.6 74.0 33.2	1.0 0.052 0.0	49.2 61.9 40.6 74.0 33.2
2/666	R25Y_100_100e	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	1.0 0.25 0.0	56.6 45.8 49.4 67.4 47.2 8.3 39	1.0 0.172 0.0	53.4 52.6 45.8 69.7 41.0	1.0 0.172 0.0	53.4 52.6 45.8 69.7 41.0
3/675	R38Y_100_100e	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	1.0 0.375 0.0	62.3 34.4 56.4 66.1 58.6 10.9 45	1.0 0.28 0.0	58.0 43.1 51.4 67.1 49.9	1.0 0.28 0.0	58.0 43.1 51.4 67.1 49.9
4/684	R50Y_100_100e	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	1.0 0.5 0.0	68.1 24.0 63.0 67.4 69.1 13.2 51	1.0 0.378 0.0	62.5 34.1 56.6 66.1 58.8	1.0 0.378 0.0	62.5 34.1 56.6 66.1 58.8
5/693	R63Y_100_100e	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	1.0 0.625 0.0	74.9 12.1 71.5 72.5 80.3 17.8 58	1.0 0.484 0.0	67.3 25.4 62.3 67.2 67.8	1.0 0.484 0.0	67.3 25.4 62.3 67.2 67.8
6/702	R75Y_100_100e	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	1.0 0.75 0.0	80.5 3.4 78.0 78.1 87.4 17.5 65	1.0 0.584 0.0	72.7 16.2 69.0 70.9 76.7	1.0 0.584 0.0	72.7 16.2 69.0 70.9 76.7
7/711	R88Y_100_100e	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	1.0 0.875 0.0	85.4 -3.7 84.0 84.0 92.5 15.6 72	1.0 0.698 0.0	78.2 7.2 75.5 75.8 84.5	1.0 0.698 0.0	78.2 7.2 75.5 75.8 84.5
8/720	Y00G_100_100e	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	1.0 1.0 0.0	89.4 -9.5 89.0 89.6 96.0 9.2 83	1.0 0.868 0.0	85.1 -3.3 83.7 83.7 92.3	1.0 0.868 0.0	85.1 -3.3 83.7 83.7 92.3
9/639	Y13G_100_100e	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	0.875 1.0 0.0	86.7 -13.9 82.7 83.8 99.5 1.9 98	0.841 1.0 0.0	85.9 -15.0 81.2 82.6 100.4	0.841 1.0 0.0	85.9 -15.0 81.2 82.6 100.4
10/558	Y25G_100_100e	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	0.75 1.0 0.0	83.7 -17.7 77.1 79.2 102.9 10.8 112	0.615 1.0 0.0	77.6 -23.7 70.5 74.4 108.6	0.615 1.0 0.0	77.6 -23.7 70.5 74.4 108.6
11/477	Y38G_100_100e	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	0.625 1.0 0.0	77.9 -23.1 71.3 75.0 107.9 15.5 121	0.476 1.0 0.0	72.3 -31.5 59.4 67.2 117.9	0.476 1.0 0.0	72.3 -31.5 59.4 67.2 117.9
12/396	Y50G_100_100e	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	0.5 1.0 0.0	73.1 -30.2 60.8 67.9 116.4 14.2 129	0.35 1.0 0.0	67.2 -38.9 51.1 64.2 127.2	0.35 1.0 0.0	67.2 -38.9 51.1 64.2 127.2
13/315	Y63G_100_100e	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	0.375 1.0 0.0	68.8 -36.5 53.0 64.4 124.5 15.1 135	0.265 1.0 0.0	61.8 -46.3 43.8 63.7 136.5	0.265 1.0 0.0	61.8 -46.3 43.8 63.7 136.5
14/234	Y75G_100_100e	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	0.25 1.0 0.0	60.8 -47.5 42.4 63.7 138.2 9.1 141	0.163 1.0 0.0	57.9 -53.6 36.3 64.8 145.9	0.163 1.0 0.0	57.9 -53.6 36.3 64.8 145.9
15/153	Y88G_100_100e	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	0.125 1.0 0.0	56.7 -56.1 33.3 65.2 149.2 6.6 146	0.076 1.0 0.0	54.7 -61.4 29.8 68.3 154.0	0.076 1.0 0.0	54.7 -61.4 29.8 68.3 154.0
16/72	G00C_100_100e	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	0.0 1.0 0.0	51.6 -69.3 23.0 73.1 161.6 0.9 150	0.0 1.0 0.011	51.7 -69.1 22.1 72.6 162.2	0.0 1.0 0.011	51.7 -69.1 22.1 72.6 162.2
17/73	G13C_100_100e	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	0.0 1.0 0.125	52.3 -66.1 13.6 67.5 168.3 0.3 156	0.0 1.0 0.129	52.4 -66.0 13.2 67.3 168.6	0.0 1.0 0.129	52.4 -66.0 13.2 67.3 168.6
18/74	G25C_100_100e	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	0.0 1.0 0.25	53.0 -61.8 4.0 61.9 176.2 1.6 162	0.0 1.0 0.23	52.9 -62.6 5.4 62.8 175.0	0.0 1.0 0.23	52.9 -62.6 5.4 62.8 175.0
19/75	G38C_100_100e	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	0.0 1.0 0.375	53.8 -56.5 -6.8 56.9 186.9 5.1 168	0.0 1.0 0.32	53.5 -59.1 -2.3 59.1 182.3	0.0 1.0 0.32	53.5 -59.1 -2.3 59.1 182.3
20/76	G50C_100_100e	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	0.0 1.0 0.5	54.6 -50.8 -17.3 53.7 198.8 9.1 173	0.0 1.0 0.403	54.0 -55.4 -9.3 56.2 189.6	0.0 1.0 0.403	54.0 -55.4 -9.3 56.2 189.6
21/77	G63C_100_100e	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	0.0 1.0 0.625	55.4 -45.8 -25.9 52.6 209.5 11.8 178	0.0 1.0 0.48	54.5 -51.9 -15.7 54.2 196.9	0.0 1.0 0.48	54.5 -51.9 -15.7 54.2 196.9
22/78	G75C_100_100e	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	0.0 1.0 0.75	56.6 -40.0 -33.7 52.4 220.1 14.7 184	0.0 1.0 0.563	55.0 -48.5 -21.8 53.2 204.2	0.0 1.0 0.563	55.0 -48.5 -21.8 53.2 204.2
23/79	G88C_100_100e	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	0.0 1.0 0.875	57.2 -36.1 -39.6 53.6 227.6 15.8 189	0.0 1.0 0.637	55.5 -45.3 -26.7 52.6 210.5	0.0 1.0 0.637	55.5 -45.3 -26.7 52.6 210.5
24/80	C00B_100_100e	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	0.0 1.0 1.0	57.8 -31.9 -45.1 55.3 234.6 16.8 193	0.0 1.0 0.712	56.3 -41.9 -31.5 52.4 216.9	0.0 1.0 0.712	56.3 -41.9 -31.5 52.4 216.9
25/71	C13B_100_100e	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	0.0 0.875 1.0	54.9 -27.5 -45.3 53.0 238.7 14.3 199	0.0 1.0 0.803	56.9 -38.4 -36.3 52.9 223.3	0.0 1.0 0.803	56.9 -38.4 -36.3 52.9 223.3
26/62	C25B_100_100e	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	0.0 0.75 1.0	51.3 -22.1 -45.6 50.7 244.0 14.8 205	0.0 1.0 0.912	57.4 -34.9 -41.3 54.1 229.7	0.0 1.0 0.912	57.4 -34.9 -41.3 54.1 229.7
27/53	C38B_100_100e	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	0.0 0.625 1.0	47.2 -16.0 -45.9 48.7 250.7 16.0 213	0.0 0.926 1.0	56.1 -29.3 -45.3 54.0 237.0	0.0 0.926 1.0	56.1 -29.3 -45.3 54.0 237.0
28/44	C50B_100_100e	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	0.0 0.5 1.0	42.3 -7.7 -46.3 46.9 260.4 16.6 224	0.0 0.744 1.0	51.1 -21.9 -45.6 50.6 244.3	0.0 0.744 1.0	51.1 -21.9 -45.6 50.6 244.3
29/35	C63B_100_100e	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	0.0 0.375 1.0	37.3 0.3 -46.4 46.4 270.4 18.2 232	0.0 0.613 1.0	46.8 -15.2 -46.0 48.5 251.6	0.0 0.613 1.0	46.8 -15.2 -46.0 48.5 251.6
30/26	C75B_100_100e	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	0.0 0.25 1.0	32.7 8.5 -47.0 47.8 280.2 20.3 238	0.0 0.519 1.0	43.1 -9.0 -46.3 47.2 258.9	0.0 0.519 1.0	43.1 -9.0 -46.3 47.2 258.9
31/17	C88B_100_100e	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	0.0 0.125 1.0	28.1 16.7 -47.6 50.4 289.3 23.7 244	0.0 0.438 1.0	39.8 -3.7 -46.5 46.7 265.3	0.0 0.438 1.0	39.8 -3.7 -46.5 46.7 265.3
32/8	B00M_100_100e	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	0.0 0.0 1.0	24.9 22.9 -47.8 53.0 295.6 24.5 249	0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7	0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
33/89	B13M_100_100e	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	0.125 0.0 1.0	27.8 31.4 -43.4 53.6 305.9 25.4 254	0.0 0.274 1.0	33.6 6.9 -47.0 47.5 278.3	0.0 0.274 1.0	33.6 6.9 -47.0 47.5 278.3
34/170	B25M_100_100e	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	0.25 0.0 1.0	29.9 36.0 -40.4 54.1 311.7 24.3 259	0.0 0.185 1.0	30.3 12.7 -47.5 49.1 285.0	0.0 0.185 1.0	30.3 12.7 -47.5 49.1 285.0
35/251	B38M_100_100e	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	0.375 0.0 1.0	33.7 47.7 -32.2 57.5 325.9 32.7 266	0.0 0.061 1.0	26.5 19.9 -47.8 51.8 292.5	0.0 0.061 1.0	26.5 19.9 -47.8 51.8 292.5
36/332	B50M_100_100e	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	0.5 0.0 1.0	37.0 53.9 -27.1 60.4 333.2 34.8 272	0.055			

http://130.149.60.45/~farbmatrik/SE15/SE15L0NP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 19/33

<i>n</i> / <i>j</i>	HIC* _{Fe}	<i>rgb</i> _Fe		<i>ict</i> _Fe		<i>h</i> _{si,Fe}	<i>rgb</i> * _{Fe}		<i>LabCh</i> * _{Fe}		<i>rgb</i> * _{Fe}		<i>LabCh</i> * _{Fe}		<i>DE</i> * _{Fe} <i>h</i> _{Si,Me}		<i>rgb</i> * _{Me}		<i>LabCh</i> * _{Me}							
0/648	R00Y_100_100_	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	1.0	0.0	0.131	47.6	66.3	31.6	73.4	25.4		
1/666	R25Y_100_100_	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	1.0	0.172	0.0	53.4	52.6	45.8	69.7	41.0		
2/684	R50Y_100_100_	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	1.0	0.378	0.0	62.5	34.1	56.6	66.1	58.8		
3/702	R75Y_100_100_	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.584	0.0	72.7	16.2	60.9	70.9	76.7	1.0	0.584	0.0	72.7	16.2	60.9	70.9	76.7		
4/720	Y00G_100_100_	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	1.0	0.868	0.0	85.1	-3.3	83.7	83.7	92.3		
5/558	Y25G_100_100_	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	0.615	1.0	0.0	77.6	-23.7	70.5	74.4	108.6		
6/396	Y50G_100_100_	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	0.35	1.0	0.0	67.2	-38.9	51.1	64.2	127.2		
7/234	Y75G_100_100_	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	0.163	1.0	0.0	57.9	-53.6	36.3	64.8	145.9		
8/72	G00B_100_100_	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	0.0	1.0	0.011	51.7	-69.1	22.1	72.6	162.2		
9/72	G00B_100_100_	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	0.0	1.0	0.011	51.7	-69.1	22.1	72.6	162.2		
10/76	G25B_100_100_	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	0.0	1.0	0.403	54.0	-55.4	-9.3	56.2	189.6		
11/80	G50B_100_100_	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	0.0	1.0	0.712	56.3	-41.9	-31.5	52.4	216.9		
12/44	G75B_100_100_	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	0.0	0.744	1.0	51.1	-21.9	-45.6	50.6	244.3		
13/8	B00M_100_100_	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	0.0	0.358	1.0	36.7	1.4	-46.6	46.6	271.7		
14/332	B25R_100_100_	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	0.055	0.0	1.0	26.2	26.8	-46.1	53.3	300.1		
15/656	B50R_100_100_	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	0.42	0.0	1.0	34.9	50.0	-30.5	58.6	328.6		
16/652	B75R_100_100_	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	0.948	0.0	1.0	47.3	72.7	-10.1	73.5	352.0		
17/648	R00Y_100_100_	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	1.0	0.0	0.131	47.6	66.3	31.6	73.4	25.4		
18/688	R00Y_100_050_	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	1.0	0.5	0.5	70.7	26.4	21.0	33.8	38.5	8.6	383
19/706	R50Y_100_050_	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	1.0	0.75	0.5	82.7	7.9	28.6	29.6	74.5	9.7	51
20/724	Y00G_100_050_	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	1.0	1.0	0.5	92.8	-6.1	35.6	36.2	99.7	7.8	83
21/562	Y50G_100_050_	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	0.75	1.0	0.5	86.5	-13.2	24.9	28.2	117.8	7.8	129
22/400	G00B_100_050_	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	0.5	1.0	0.5	76.1	-23.7	13.0	27.0	151.2	11.1	150
23/404	G50B_100_050_	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	0.5	1.0	1.0	80.1	-13.2	-19.2	23.3	235.4	9.2	193
24/368	B00R_100_050_	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	0.5	0.5	1.0							

Mean color difference of this page:

$$\Delta E^* = 11.3$$

TUB-test chart SE15; 1080 colours, offset standard paper
 colors and differences, ΔE^* , 3D=0, de=1, *cmymk*

input: $rgb/cmyk \rightarrow rgb_e$
output: transfer to $cmyk_e$

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15L0NP.PDF> /PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE15/SE15L0NP.PDF /PS
application for measurement of offset print output, separationcnymn6 (CMYK)
TUB material: code=rha4ta

n	HIC*Fe	rgb_Fe	ict_Fe	hsi_Fe	rgb*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DE*Fe	hsi_Me	rgb*Me	LabCh*Me
0	NW_000e	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	18.5 0.0 0.0	0.0 0.0 0.0	18.5 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	96.3 0.0 0.0
1	BOOR_012_012e	0.0 0.0 0.125	0.125 0.125 0.125	0.062 0.062 0.062	0.0 0.044 0.125	20.8 0.1 -5.8	5.8 271.7 217.7	0.0 0.125 20.4	4.5 -8.0 9.2	299.1 4.8 249	0.0 0.358 1.0	36.7 1.4 -46.6
2	BOOR_025_025e	0.0 0.0 0.25	0.25 0.25 0.25	0.125 0.125 0.125	0.0 0.089 0.25	23.0 0.3 -11.6	11.6 271.7 217.7	0.0 0.25 22.5	10.1 -16.2 19.1	301.8 10.8 249	0.0 0.358 1.0	36.7 1.4 -46.6
3	BOOR_037_037e	0.0 0.0 0.375	0.375 0.375 0.375	0.187 0.187 0.187	0.0 0.134 0.375	25.3 0.5 -17.4	17.4 271.7 217.7	0.0 0.375 22.7	14.3 -23.1 27.1	301.8 15.1 249	0.0 0.358 1.0	36.7 1.4 -46.6
4	BOOR_050_050e	0.0 0.0 0.5	0.5 0.5 0.5	0.25 0.25 0.25	0.0 0.179 0.5	27.6 0.7 -23.3	23.3 271.7 217.7	0.0 0.5 22.5	17.7 -29.3 34.3	301.0 18.7 249	0.0 0.358 1.0	36.7 1.4 -46.6
5	BOOR_062_062e	0.0 0.0 0.625	0.625 0.625 0.625	0.312 0.312 0.312	0.0 0.223 0.625	29.8 0.8 -29.1	29.1 271.7 217.7	0.0 0.625 23.2	19.7 -34.8 40.0	299.5 20.8 249	0.0 0.358 1.0	36.7 1.4 -46.6
6	BOOR_075_075e	0.0 0.0 0.75	0.75 0.75 0.75	0.375 0.375 0.375	0.0 0.268 0.75	32.1 1.0 -34.9	34.9 271.7 217.7	0.0 0.75 24.0	21.5 -39.5 45.0	298.5 22.4 249	0.0 0.358 1.0	36.7 1.4 -46.6
7	BOOR_087_087e	0.0 0.0 0.875	0.875 0.875 0.875	0.437 0.437 0.437	0.0 0.313 0.875	34.4 1.2 -40.8	40.8 271.7 217.7	0.0 0.875 24.5	22.9 -44.5 50.0	297.2 24.1 249	0.0 0.358 1.0	36.7 1.4 -46.6
8	BOOR_100_100e	0.0 0.0 1.0	1.0 1.0 1.0	0.5 0.5 0.5	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7 217.7	0.0 1.0 24.9	22.9 -47.8 53.0	295.6 24.5 249	0.0 0.358 1.0	36.7 1.4 -46.6
9	G00B_012_012e	0.0 0.125 0.0	0.125 0.125 0.125	0.062 0.062 0.062	0.0 0.125 0.001	22.6 -8.6 2.7	9.0 162.2 0.0	0.125 0.0	25.2 -8.5 2.4	8.9 164.3 2.6	150 0.1 0.011	51.7 -69.1
10	G50B_012_012e	0.0 0.125 0.125	0.125 0.125 0.125	0.062 0.062 0.062	0.0 0.125 0.089	23.2 -5.2 -3.9	6.5 216.9 0.0	0.125 0.125	25.9 -5.0 -7.2	8.8 235.5 4.2	193 0.1 0.712	56.3 -41.9
11	G75B_025_025e	0.0 0.125 0.25	0.25 0.25 0.25	0.125 0.125 0.125	0.0 0.186 0.25	26.6 -5.4 -11.4	12.6 244.3 0.0	0.125 0.25	29.6 -2.0 -15.4	15.6 262.3 6.0	224 0.0 0.744	1.0 51.1
12	G84B_037_037e	0.0 0.125 0.375	0.375 0.375 0.375	0.187 0.187 0.187	0.0 0.216 0.375	28.6 -4.8 -17.3	18.0 254.3 0.0	0.125 0.375	29.2 2.8 -22.5	22.7 277.2 9.3	234 0.0 0.578	1.0 45.4
13	G88B_050_050e	0.0 0.125 0.5	0.5 0.5 0.5	0.25 0.25 0.25	0.0 0.259 0.5	30.8 -4.5 -23.1	23.6 258.9 0.0	0.125 0.5	28.1 7.5 -28.4	29.3 284.8 13.4	248 0.0 0.519	1.0 43.1
14	G90B_062_062e	0.0 0.125 0.625	0.625 0.625 0.625	0.312 0.312 0.312	0.0 0.302 0.625	33.0 -4.2 -29.0	29.3 261.6 0.0	0.125 0.625	28.7 9.5 -33.8	35.2 285.8 15.2	241 0.0 0.484	1.0 41.7
15	G92B_075_075e	0.0 0.125 0.75	0.75 0.75 0.75	0.375 0.375 0.375	0.0 0.346 0.75	35.2 -3.9 -34.8	35.1 263.5 0.0	0.125 0.75	28.0 13.7 -38.8	41.1 289.4 19.4	242 0.0 0.461	1.0 40.8
16	G93B_087_087e	0.0 0.125 0.875	0.875 0.875 0.875	0.437 0.437 0.437	0.0 0.393 0.875	37.6 -3.9 -40.7	40.9 264.4 0.0	0.125 0.875	28.4 15.6 -43.9	46.6 289.5 21.8	243 0.0 0.449	1.0 40.3
17	G94B_100_100e	0.0 0.125 1.0	1.0 1.0 1.0	0.5 0.5 0.5	0.0 0.438 1.0	39.8 -3.7 -46.5	46.7 265.3 0.0	0.125 1.0	28.1 16.7 -47.6	50.4 289.3 23.7	244 0.0 0.438	1.0 39.8
18	G00B_025_025e	0.0 0.25 0.0	0.25 0.25 0.25	0.125 0.125 0.125	0.0 0.25 0.002	26.8 -17.2 5.5	18.1 162.2 0.0	0.25 0.0	33.8 -19.0 8.8	21.0 154.9 7.9	150 0.0 1.0	0.011 51.7
19	G25B_025_025e	0.0 0.25 0.125	0.25 0.25 0.25	0.125 0.125 0.125	0.0 0.25 0.1	27.4 -13.8 -2.3	14.0 189.6 0.0	0.25 0.125	34.9 -14.4 -5.3	15.4 200.3 8.1	173 0.0 1.0	0.403 54.0
20	G50B_025_025e	0.0 0.25 0.25	0.25 0.25 0.25	0.125 0.125 0.125	0.0 0.25 0.178	27.9 -10.4 -7.8	13.1 216.9 0.0	0.25 0.25	35.6 -10.2 -14.8	18.0 235.4 10.3	193 0.0 1.0	0.712 56.3
21	G65B_037_037e	0.0 0.25 0.375	0.375 0.375 0.375	0.187 0.187 0.187	0.0 0.375 0.372	33.2 -12.0 -16.8	20.7 234.3 0.0	0.25 0.375	36.7 -7.9 -22.2	23.5 250.2 7.6	209 0.0 1.0	0.993 57.8
22	G75B_050_050e	0.0 0.25 0.5	0.5 0.5 0.5	0.25 0.25 0.25	0.0 0.372 0.5	34.8 -10.9 -22.8	25.3 244.3 0.0	0.25 0.5	35.8 -4.2 -28.8	28.3 261.4 8.6	224 0.0 0.744	1.0 51.1
23	G80B_062_062e	0.0 0.25 0.625	0.625 0.625 0.625	0.312 0.312 0.312	0.0 0.39 0.625	36.5 -10.0 -28.7	30.4 250.7 0.0	0.25 0.625	34.9 0.0 -33.8	33.8 269.9 11.3	231 0.0 0.625	1.0 47.2
24	G84B_075_075e	0.0 0.25 0.75	0.75 0.75 0.75	0.375 0.375 0.375	0.0 0.433 0.75	38.7 -9.6 -34.7	36.0 254.3 0.0	0.25 0.75	33.6 4.7 -38.6	38.9 276.9 15.7	234 0.0 0.578	1.0 45.4
25	G86B_087_087e	0.0 0.25 0.875	0.875 0.875 0.875	0.437 0.437 0.437	0.0 0.474 0.875	40.8 -9.2 -40.5	41.6 257.1 0.0	0.25 0.875	33.6 6.9 -43.5	44.0 279.0 17.9	237 0.0 0.542	1.0 44.0
26	G88B_100_100e	0.0 0.25 1.0	1.0 1.0 1.0	0.5 0.5 0.5	0.0 0.519 1.0	43.1 -9.0 -46.3	47.2 258.9 0.0	0.25 1.0	32.7 8.5 -47.0	47.8 280.2 20.3	238 0.0 0.519	1.0 43.1
27	G00B_037_037e	0.0 0.375 0.0	0.375 0.375 0.375	0.187 0.187 0.187	0.0 0.375 0.004	30.9 -25.9 8.3	27.2 162.2 0.0	0.375 0.0	37.8 -28.2 12.7	31.0 155.7 8.5	150 0.0 1.0	0.011 51.7
28	G15B_037_037e	0.0 0.375 0.125	0.375 0.375 0.375	0.187 0.187 0.187	0.0 0.375 0.108	31.5 -22.6 0.1	22.6 179.5 0.0	0.375 0.125	39.0 -24.2 -0.6	24.2 181.5 7.6	166 0.0 1.0	0.288 53.2
29	G34B_037_037e	0.0 0.375 0.25	0.375 0.375 0.375	0.187 0.187 0.187	0.0 0.375 0.191	32.1 -18.9 -6.7	20.1 199.6 0.0	0.375 0.25	39.8 -18.8 -13.2	23.0 215.0 10.1	180 0.0 1.0	0.509 54.7
30	G50B_037_037e	0.0 0.375 0.375	0.375 0.375 0.375	0.187 0.187 0.187	0.0 0.375 0.267	32.7 -15.7 -11.8	19.6 216.9 0.0	0.375 0.375	40.9 -15.0 -21.3	26.1 234.8 12.6	193 0.0 1.0	0.712 56.3
31	G61B_050_050e	0.0 0.375 0.5	0.5 0.5 0.5	0.25 0.25 0.25	0.0 0.5 0.456	38.0 -17.4 -20.6	27.0 229.7 0.0	0.375 0.5	41.0 -12.8 -27.4	30.2 244.9 8.7	205 0.0 1.0	0.912 57.4
32	G69B_062_062e	0.0 0.375 0.625	0.625 0.625 0.625	0.312 0.312 0.312	0.0 0.561 0.625	41.6 -17.7 -28.3	33.4 237.9 0.0	0.375 0.625	41.0 -10.3 -32.8	34.4 252.4 8.6	215 0.0 0.898	1.0 55.4
33	G75B_075_075e	0.0 0.375 0.75	0.75 0.75 0.75	0.375 0.375 0.375	0.0 0.558 0.75	43.0 -16.4 -34.2	37.9 244.3 0.0	0.375 0.75	39.8 -6.0 -38.0	38.5 260.9 11.4	224 0.0 0.744	1.0 51.1
34	G79B_087_087e	0.0 0.375 0.875	0.875 0.875 0.875	0.437 0.437 0.437	0.0 0.577 0.875	44.6 -15.5 -40.2	43.1 248.9 0.0	0.375 0.875	38.9 -2.5 -42.8	42.9 266.5 14.3	229 0.0 0.659	1.0 48.3
35	G81B_100_100e	0.0 0.375 1.0	1.0 1.0 1.0	0.5 0.5 0.5	0.0 0.613 1.0	46.8 -15.2 -46.0	48.5 251.6 0.0	0.375 1.0	37.3 0.3 -46.4	46.4 270.4 18.2	232 0.0 0.613	1.0 46.8
36	G00B_050_050e	0.0 0.5 0.0	0.5 0.5 0.5	0.25 0.25 0.25	0.0 0.5 0.005	35.1 -34.5 11.0	36.3 162.2 0.0	0.5 0.0	41.1 -36.9 16.6	40.5 155.7 8.5	150 0.0 1.0	0.011 51.7
37	G11B_050_050e	0.0 0.5 0.125	0.5 0.5 0.5	0.25 0.25 0.25	0.0 0.5 0.115	35.7 -31.3 2.7	31.4 175.0 0.0	0.5 0.125	42.2 -32.6 3.9	32.9 173.0 6.7	162 0.0 1.0	0.23 52.9
38	G25B_050_050e	0.0 0.5 0.25	0.5 0.5 0.5	0.25 0.25 0.25	0.0 0.5 0.201	36.2 -27.7 4.6	28.1 189.6 0.0	0.5 0.25	43.4 -27.3 -9.2	28.9 198.5 8.4	173 0.0 1.0	0.403 54.0
39	G38B_050_050e	0.0 0.5 0.375	0.5 0.5 0.5	0.25 0.25 0.25	0.0 0.5 0.281	36.7 -24.2 -10.9	26.6 204.2 0.0	0.5 0.375	44.4 -22.7 -19.7	30.1 220.9 11.7	184 0.0 1.0	0.563 55.0
40	G50B_050_050e	0.0 0.5 0.5	0.5 0.5 0.5	0.25 0.25 0.25	0.0 0.5 0.356	37.4 -20.9 -15.7	26.2 216.9 0.0	0.5 0.5	44.9 -18.7 -26.5	32.4 234.7 13.3	193 0.0 1.0	0.712 56.3
41	G59B_062_062e	0.0 0.625 0.625	0.625 0.625 0.625	0.312 0.312 0.312	0.0 0.625 0.54	42.7 -22.8 24.4	33.4 227.0 0.0	0.625 0.625	45.6 -17.4 -32.2	36.6 241.6 9.9	202 0.0 1.0	0.864 57.2
42	G65B_075_075e	0.0 0.625 0.75	0.75 0.75 0.75	0.375 0.375 0.375	0.0 0.75 0.745	48.0 -24.1 -33.6	41.4 234.3 0.0	0.625 0.75	45.1 -14.3 -37.2	39.9 248.9 10.8	209 0.0 1.0	0.993 57.8
43	G70B_087_087e	0.0 0.625 0.875	0.875 0.875 0.875	0.437 0.437 0.437	0.0 0.743 0.875	49.7 -23.1 -39.7	46.0 239.7 0					

http://130.149.60.45/~farbmetrik/SE15/SE15L0NP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 21/33

SE1501A

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n	HIC*Fe	rgb_Fe	ict_Fe	hsi_Fe	rgb*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DE*Fe	hsiMe	rgb*Me	LabCh*Me		
81	R00Y_012_012e	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	0.125 0.0 0.0	24.2 6.7 5.6	8.7 39.9 3.1	383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
82	B50R_012_012e	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	7.3 328.6	0.125 0.0 0.125	24.3 9.5 -2.7	9.9 343.7 5.0	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
83	B25R_025_025e	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	0.125 0.0 0.25	27.3 16.8 -10.1	19.6 328.9 12.3	272	0.055 0.0 1.0	26.2 26.8 -46.1	53.3 300.1
84	B15R_037_037e	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	0.125 0.0 0.375	26.9 21.9 -17.4	28.0 321.6 16.3	263	0.0 0.117 1.0	27.9 17.1 -47.6	50.6 289.7
85	B11R_050_050e	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	0.125 0.0 0.5	26.4 25.3 -23.7	34.7 316.9 19.1	259	0.0 0.185 1.0	30.3 12.7 -47.5	49.1 285.0
86	B09R_062_062e	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	0.125 0.0 0.625	26.5 27.3 -30.1	40.7 312.2 21.0	257	0.0 0.224 1.0	31.8 10.1 -47.2	48.3 282.1
87	B07R_075_075e	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	0.125 0.0 0.75	26.9 29.1 -35.3	45.8 309.4 22.8	256	0.0 0.25 1.0	32.7 8.5 -47.0	47.8 280.2
88	B06R_087_087e	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	0.125 0.0 0.875	27.6 31.4 -40.0	50.9 308.0 24.9	255	0.0 0.262 1.0	33.2 7.7 -47.0	47.6 279.3
89	B05R_100_100e	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	0.125 0.0 1.0	27.8 31.4 -43.4	53.6 305.9 25.4	254	0.0 0.274 1.0	33.6 6.9 -47.0	47.5 278.3
90	Y00G_012_012e	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	92.3	0.125 0.125 0.0	30.3 -3.0 8.7	9.2 108.8 4.6	83	1.0 0.868 0.0	85.1 -3.3 83.7	83.7 92.3
91	NW_012e	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	0.125 0.125 0.125	30.8 -0.2 -1.2	1.3 257.7 2.9	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0
92	B00R_025_012e	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	0.125 0.125 0.25	32.9 4.5 -10.7	11.6 292.8 7.0	249	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7
93	B00R_037_025e	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	0.125 0.125 0.375	33.5 8.8 -17.1	19.3 297.4 10.1	249	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7
94	B00R_050_037e	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	0.125 0.125 0.5	32.6 13.0 -23.2	26.7 299.3 14.0	249	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7
95	B00R_062_050e	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	0.125 0.125 0.625	32.5 16.1 -28.9	33.1 299.2 17.1	249	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7
96	B00R_075_062e	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	0.125 0.125 0.75	32.1 18.9 -34.3	39.2 298.9 20.2	249	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7
97	B00R_087_075e	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	0.125 0.125 0.875	32.6 22.2 -39.1	45.0 299.5 23.4	249	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7
98	B00R_100_087e	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	0.125 0.125 1.0	32.2 33.3 -42.8	48.8 298.5 25.2	249	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7
99	Y50G_025_025e	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	0.125 0.25 0.0	38.4 -10.6 16.0	19.2 123.5 8.4	129	0.35 1.0 0.0	67.2 -38.9 51.1	64.2 127.2
100	G00B_025_012e	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	0.125 0.25 0.125	37.8 -9.7 3.0	10.1 162.7 5.5	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
101	G50B_025_012e	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	0.125 0.25 0.25	38.8 -5.7 -9.2	10.8 237.9 7.8	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
102	G75B_037_025e	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	0.125 0.25 0.375	40.1 -1.9 -15.6	15.7 263.0 6.6	224	0.0 0.744 1.0	51.1 -21.9 -45.6	50.6 244.3
103	G84B_050_037e	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	0.125 0.25 0.5	39.3 1.8 -21.9	21.9 274.8 8.1	234	0.0 0.578 1.0	45.4 -12.9 -46.2	48.0 254.3
104	G88B_062_050e	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	23.6 258.9	0.125 0.25 0.625	38.8 5.5 -27.5	28.1 281.3 11.0	238	0.0 0.519 1.0	43.1 -9.0 -46.3	47.2 258.9
105	G90B_075_062e	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	0.125 0.25 0.75	37.4 9.6 -33.3	34.6 286.1 15.4	241	0.0 0.484 1.0	41.7 -6.7 -46.4	46.9 261.6
106	G92B_087_075e	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	0.125 0.25 0.875	37.5 12.7 -37.9	40.0 288.5 18.5	242	0.0 0.461 1.0	40.8 -5.2 -46.5	46.8 263.5
107	G93B_100_087e	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	0.125 0.25 1.0	36.8 14.9 -41.8	44.4 289.5 21.6	243	0.0 0.449 1.0	40.3 -4.5 -46.5	46.7 264.4
108	Y68G_037_037e	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	0.125 0.375 0.0	42.5 -19.0 20.7	28.1 132.6 9.9	137	0.229 1.0 0.0	60.1 -49.0 41.0	63.9 140.0
109	G00B_037_025e	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	0.125 0.375 0.125	43.0 -17.2 7.4	18.7 156.4 6.7	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
110	G25B_037_025e	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	0.125 0.375 0.25	44.0 -13.3 -5.3	14.3 202.0 7.5	173	0.0 1.0 0.403	54.0 -55.4 -9.3	56.2 189.6
111	G50B_037_025e	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	0.125 0.375 0.375	45.2 -9.7 -14.5	17.5 236.2 10.1	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
112	G65B_050_037e	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	0.125 0.375 0.5	45.0 -7.4 -21.0	22.2 250.5 6.5	209	0.0 1.0 0.993	57.8 -32.2 -44.8	55.2 234.3
113	G75B_062_050e	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	0.125 0.375 0.625	44.8 -4.3 -26.7	27.1 260.6 7.6	224	0.0 0.744 1.0	51.1 -21.9 -45.6	50.6 244.3
114	G80B_075_062e	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	0.125 0.375 0.75	43.0 0.4 -32.4	32.4 270.7 11.5	231	0.0 0.625 1.0	47.2 -16.0 -45.9	48.7 250.7
115	G84B_087_075e	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	0.125 0.375 0.875	43.1 3.2 -37.4	37.5 274.9 14.2	234	0.0 0.578 1.0	45.4 -12.9 -46.2	48.0 254.3
116	G86B_100_087e	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	0.125 0.375 1.0	40.9 7.3 -41.3	41.9 280.1 19.2	237	0.0 0.542 1.0	44.0 -10.5 -46.3	47.5 257.1
117	Y76G_050_050e	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	0.125 0.5 0.0	45.8 -27.0 24.1	36.2 138.2 9.6	141	0.163 1.0 0.0	57.9 -53.6 36.3	64.8 145.9
118	G00B_050_037e	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	0.125 0.5 0.125	46.3 -24.7 11.1	27.1 155.7 6.4	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
119	G15B_050_037e	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	0.125 0.5 0.25	47.4 -21.0 -1.1	21.0 183.0 6.5	166	0.0 1.0 0.288	53.2 -60.4 0.4	60.4 179.5
120	G34B_050_037e	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	0.125 0.5 0.375	48.9 -16.9 -12.5	21.0 216.5 9.3	180	0.0 1.0 0.509	54.7 -50.5 -18.0	53.6 199.6
121	G50B_050_037e	0.125 0.5 0.5	0.5 0.375 0.312	210	0.124									

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

TUB registration: 20130201-SE15/SE15L0NP.PDF /.PS
application for measurement of offset print output, separationcnmy6 (CMYK)

TUB material: code=rh4ta

n	HIC* _{Fe}	rgb _{Fe}	ict _{Fe}	hsi _{Fe}	rgb* _{Fe}	LabCh* _{Fe}	rgb* _{Fe}	LabCh* _{Fe}	DE* _{Fe}	hsi _{Me}	rgb* _{Me}	LabCh* _{Me}		
162	R00Y_025_025a	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	0.25 0.0 0.0	29.3 16.0 12.5	20.3 37.9 5.8	383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
163	R00Y_025_025a	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	0.25 0.0 0.125	29.6 18.6 1.9	18.7 6.0 32.7	0.948 0.0 1.0	47.3 72.7	-10.1 73.5 352.0	
164	B50R_025_025a	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	0.25 0.0 0.25	30.0 21.2 -5.5	21.9 345.2 11.6	294	0.42 0.0 1.0	34.9 50.0	-30.5 58.6 328.6
165	B34R_037_037a	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	0.25 0.0 0.375	31.0 27.7 -11.0	29.8 338.2 17.3	0.282 0.225 0.0 1.0	29.5 35.1	-41.0 54.0 310.5	
166	B25R_050_050a	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	0.25 0.0 0.5	30.1 31.5 -17.8	36.2 330.5 20.3	0.272 0.055 0.0 1.0	26.2 26.8	-46.1 53.3 300.1	
167	B19R_062_062a	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	0.25 0.0 0.625	30.2 33.7 -24.1	41.4 324.4 22.6	0.267 0.0 0.042 1.0	26.0 20.8	-47.8 52.2 293.5	
168	B15R_075_075a	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	0.25 0.0 0.75	30.2 35.4 -30.0	46.4 319.7 23.7	0.263 0.0 0.117 1.0	27.9 17.1	-47.6 50.6 289.7	
169	B13R_087_087a	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	0.25 0.0 0.875	30.2 36.7 -35.9	51.4 315.6 24.8	0.261 0.0 0.159 1.0	29.3 14.4	-47.6 49.7 286.9	
170	B11R_100_100a	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	0.25 0.0 1.0	29.9 36.0 -40.4	54.1 311.7 24.3	0.259 0.0 0.185 1.0	30.3 12.7	-47.5 49.1 285.0	
171	R50Y_025_025a	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	0.25 0.125 0.0	37.3 2.7 18.2	18.4 81.3 10.5	51 1.0 0.378 0.0	62.5 34.1	56.6 66.1 58.8	
172	R00Y_025_012a	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	0.25 0.125 0.125	36.7 7.1 6.8	9.8 43.9 5.7	383 1.0 0.0 0.131	47.6 66.3	31.6 73.4 25.4	
173	B50R_025_012a	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	0.25 0.125 0.25	37.4 10.0 -4.4	10.9 335.9 8.0	294 0.42 0.0 1.0	34.9 50.0	-30.5 58.6 328.6	
174	B25R_037_025a	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	0.25 0.125 0.375	38.5 14.3 -10.6	17.8 323.3 11.3	272 0.055 0.0 1.0	26.2 26.8	-46.1 53.3 300.1	
175	B15R_050_037a	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	0.25 0.125 0.5	36.9 18.1 -17.3	25.1 316.1 12.7	263 0.0 0.117 1.0	27.9 17.1	-47.6 50.6 289.7	
176	B11R_062_050a	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	0.25 0.125 0.625	36.9 20.9 -23.3	31.3 311.8 14.8	259 0.0 0.185 1.0	30.3 12.7	-47.5 49.1 285.0	
177	B09R_075_062a	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	0.25 0.125 0.75	36.0 23.8 -29.1	37.6 309.3 17.5	257 0.0 0.224 1.0	31.8 10.1	-47.2 48.3 282.1	
178	B07R_087_050a	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	0.25 0.125 0.875	35.5 26.6 -35.2	44.2 307.0 20.5	256 0.0 0.25 1.0	32.7 8.5	-47.0 47.8 280.2	
179	B06R_100_087a	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	0.25 0.125 1.0	34.9 27.3 -39.6	48.1 304.6 21.5	255 0.0 0.262 1.0	33.2 7.7	-47.0 47.6 279.3	
180	Y00G_025_025a	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	0.25 0.25 0.0	42.5 -5.4 22.3	23.0 103.7 8.8	83 1.0 0.868 0.0	85.1 -3.3	83.7 83.7 92.3	
181	Y00G_025_012a	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	0.25 0.25 0.125	43.9 -3.4 10.7	11.2 107.9 7.9	83 1.0 0.868 0.0	85.1 -3.3	83.7 83.7 92.3	
182	NW_025a	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	0.25 0.25 0.25	45.2 -0.4 -2.1	2.2 259.4 7.5	360 1.0 1.0 1.0	96.3 0.0	0.0 0.0 0.0	
183	B00R_037_012a	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	0.25 0.25 0.375	45.0 3.5 -9.6	10.3 290.2 7.0	249 0.0 0.358 1.0	36.7 1.4	-46.6 46.6 271.7	
184	B00R_050_025a	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	0.25 0.25 0.5	44.0 6.6 -16.3	17.6 292.2 7.9	249 0.0 0.358 1.0	36.7 1.4	-46.6 46.6 271.7	
185	B00R_062_037a	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	0.25 0.25 0.625	43.6 10.2 -21.5	23.8 295.3 10.5	249 0.0 0.358 1.0	36.7 1.4	-46.6 46.6 271.7	
186	B00R_075_050a	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	0.25 0.25 0.75	42.6 13.7 -27.5	30.7 296.4 14.3	249 0.0 0.358 1.0	36.7 1.4	-46.6 46.6 271.7	
187	B00R_087_062a	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	0.25 0.25 0.875	41.6 16.9 -33.7	37.7 296.6 18.4	249 0.0 0.358 1.0	36.7 1.4	-46.6 46.6 271.7	
188	B00R_100_075a	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	0.25 0.25 1.0	40.3 17.7 -38.3	42.2 294.8 20.3	249 0.0 0.358 1.0	36.7 1.4	-46.6 46.6 271.7	
189	Y31G_037_037a	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	0.25 0.375 0.0	48.6 -11.7 29.5	31.7 111.6 10.9	118 0.529 1.0 0.0	74.3 -28.7	63.3 69.5 114.4	
190	Y50G_037_025a	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	0.25 0.375 0.125	49.3 -10.3 15.6	18.7 123.4 9.3	129 0.35 1.0 0.0	67.2 -38.9	51.1 64.2 127.2	
191	G00B_037_012a	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	0.25 0.375 0.25	49.7 -8.0 2.5	8.4 162.1 7.6	150 0.0 1.0 0.011	51.7 -69.1	22.1 72.6 162.2	
192	G50B_037_012a	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	0.25 0.375 0.375	51.3 -4.8 -8.1	9.5 239.2 9.5	193 0.0 1.0 0.712	56.3 -41.9	-31.5 52.4 216.9	
193	G75B_050_025a	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	0.25 0.375 0.5	50.5 -1.8 -14.6	14.7 262.7 6.5	224 0.0 0.744 1.0	51.1 -21.9	-45.6 50.6 244.3	
194	G84B_062_037a	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	0.25 0.375 0.625	50.0 1.0 -20.5	20.5 273.0 7.0	234 0.0 0.578 1.0	45.4 -12.9	-46.2 48.0 254.3	
195	G88B_075_050a	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	0.25 0.375 0.75	48.3 4.9 -26.5	27.0 280.5 10.2	238 0.0 0.519 1.0	43.1 -9.0	-46.3 47.2 258.9	
196	G90B_087_062a	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	0.25 0.375 0.875	47.3 7.6 -32.4	33.3 283.2 13.3	241 0.0 0.484 1.0	41.7 -6.7	-46.4 46.9 261.6	
197	G92B_100_075a	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	0.25 0.375 1.0	44.6 10.8 -37.4	39.0 286.1 18.1	242 0.0 0.461 1.0	40.8 -5.2	-46.5 46.8 263.5	
198	Y50G_050_050a	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	0.25 0.5 0.0	51.9 -19.0 34.0	39.0 119.2 12.4	129 0.35 1.0 0.0	67.2 -38.9	51.1 64.2 127.2	
199	Y68G_050_037a	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	0.25 0.5 0.125	52.0 -17.9 19.5	26.5 132.5 9.1	137 0.229 1.0 0.0	60.1 -49.0	41.0 63.9 140.0	
200	G00B_050_025a	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	0.25 0.5 0.25	52.9 -15.1 6.6	16.5 156.4 7.0	150 0.0 1.0 0.011	51.7 -69.1	22.1 72.6 162.2	
201	G25B_050_025a	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	0.25 0.5 0.375	54.4 -11.9 -4.6	12.7 201.1 8.1	173 0.0 1.0 0.403	54.0 -55.4	-9.3 56.2 189.6	
202	G50B_050_025a	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	0.25 0.5 0.5	55.7 -8.8 -13.5	16.1 236.8 10.1	193 0.0 1.0 0.712	56.3 -41.9	-31.5 52.4 216.9</	

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

n	HIC* _{Fe}	rgb _{Fe}	ict _{Fe}	hsi _{Fe}	rgb* _{Fe}	LabCh* _{Fe}	rgb* _{Fe}	LabCh* _{Fe}	DE* _{Fe}	hsi _{Me}	rgb* _{Me}	LabCh* _{Me}		
243	R00Y_037_037 _e	0.375 0.0 0.0	0.375 0.375 0.187	390	0.375 0.0 0.049	29.4 24.8 11.8	27.5 25.4	0.375 0.0 0.0	32.3 26.8 18.3	32.5 34.3 7.3	383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
244	R18Y_037_037 _e	0.375 0.0 0.125	0.375 0.375 0.187	371	0.375 0.0 0.231	29.6 26.5 2.0	26.5 4.3	0.375 0.0 0.125	32.5 28.6 8.6	29.8 16.7 7.5	352	1.0 0.0 0.617	48.0 70.7 5.3	70.9 4.3
245	B65R_037_037 _e	0.375 0.0 0.25	0.375 0.375 0.187	349	0.28 0.0 0.375	27.8 24.9 -5.9	25.6 346.6	0.375 0.0 0.25	33.1 31.2 -0.8	31.2 358.3 9.6	315	0.747 0.0 1.0	43.2 66.6 -15.8	68.5 346.6
246	B50R_037_037 _e	0.375 0.0 0.375	0.375 0.375 0.187	330	0.157 0.0 0.375	24.7 18.7 -11.4	21.9 328.6	0.375 0.0 0.375	33.1 33.1 -7.1	33.9 347.9 17.2	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
247	B38R_050_050 _e	0.375 0.0 0.5	0.5 0.5 0.25	316	0.14 0.0 0.5	24.7 19.5 -19.3	27.5 315.3	0.375 0.0 0.5	33.1 39.7 -11.9	41.5 343.3 23.0	285	0.281 0.0 1.0	30.9 39.1 -38.6	55.0 315.3
248	B30R_062_062 _e	0.375 0.0 0.625	0.625 0.625 0.312	307	0.09 0.0 0.625	24.5 20.1 -26.8	33.5 306.8	0.375 0.0 0.625	33.8 44.0 -17.2	47.3 338.6 27.4	277	0.144 0.0 1.0	28.1 32.2 -43.0	53.7 306.8
249	B25R_075_075 _e	0.375 0.0 0.75	0.75 0.75 0.375	300	0.041 0.0 0.75	24.3 20.1 -34.5	40.0 300.1	0.375 0.0 0.75	33.7 45.5 -23.0	51.0 333.2 29.5	272	0.055 0.0 1.0	26.2 26.8 -46.1	53.3 300.1
250	B20R_087_087 _e	0.375 0.0 0.875	0.875 0.875 0.437	295	0.0 0.003 0.875	24.2 19.9 -41.8	46.3 295.4	0.375 0.0 0.875	33.8 47.5 -28.5	55.4 329.0 32.1	269	0.0 0.004 1.0	25.0 22.7 -47.8	52.9 295.4
251	B18R_100_100 _e	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	0.375 0.0 1.0	33.7 47.7 -32.2	57.5 325.9 32.7	266	0.0 0.061 1.0	26.5 19.9 -47.8	51.8 292.5
252	R31Y_037_037 _e	0.375 0.125 0.0	0.375 0.375 0.187	49	0.375 0.091 0.0	32.7 17.4 18.4	25.3 46.6	0.375 0.125 0.0	39.7 12.8 23.8	27.1 61.6 9.9	43	1.0 0.242 0.0	56.3 46.4 49.1	67.6 46.6
253	R00Y_037_025 _e	0.375 0.125 0.125	0.375 0.25 0.25	390	0.375 0.124 0.157	35.5 16.5 7.9	18.3 25.4	0.375 0.125 0.125	39.8 15.7 12.9	20.4 39.4 6.6	383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
254	R00Y_037_025 _e	0.375 0.125 0.25	0.375 0.25 0.25	360	0.362 0.124 0.375	35.4 18.1 -2.5	18.3 352.0	0.375 0.125 0.25	40.4 17.9 1.9	18.0 6.0 6.7	327	0.948 0.0 1.0	47.3 72.7 -10.1	73.5 352.0
255	B50R_037_025 _e	0.375 0.125 0.375	0.375 0.25 0.25	330	0.375 0.124 0.375	32.3 12.5 -7.6	14.6 328.6	0.375 0.125 0.375	40.8 20.2 -6.3	21.1 342.6 11.5	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
256	B34R_050_037 _e	0.375 0.125 0.5	0.5 0.375 0.312	311	0.209 0.124 0.5	32.4 13.1 -15.3	20.2 310.5	0.375 0.125 0.5	40.0 26.8 -11.7	29.3 336.3 16.1	282	0.225 0.0 1.0	29.5 35.1 -41.0	54.0 310.5
257	B25R_062_050 _e	0.375 0.125 0.625	0.625 0.5 0.375	300	0.152 0.125 0.625	32.1 13.4 -23.0	26.6 300.1	0.375 0.125 0.625	40.0 30.6 -17.1	35.1 330.8 19.9	272	0.055 0.0 1.0	26.2 26.8 -46.1	53.3 300.1
258	B19R_075_062 _e	0.375 0.125 0.75	0.75 0.625 0.437	293	0.125 0.151 0.75	32.9 13.0 -29.9	32.6 293.5	0.375 0.125 0.75	39.0 33.8 -22.8	40.8 326.0 22.8	267	0.0 0.042 1.0	26.0 20.8 -47.8	52.2 293.5
259	B15R_087_075 _e	0.375 0.125 0.875	0.875 0.75 0.5	289	0.125 0.213 0.875	35.3 12.8 -35.7	37.9 289.7	0.375 0.125 0.875	39.1 37.2 -27.8	46.4 323.2 25.9	263	0.0 0.117 1.0	27.9 17.1 -47.6	50.6 289.7
260	B13R_100_087 _e	0.375 0.125 1.0	1.0 0.875 0.562	286	0.125 0.264 1.0	37.7 12.6 -41.6	45.3 286.9	0.375 0.125 1.0	38.3 37.9 -31.9	49.5 319.8 27.0	261	0.0 0.159 1.0	29.3 14.4 -47.6	49.7 286.9
261	R68Y_037_037 _e	0.375 0.25 0.0	0.375 0.375 0.187	71	0.375 0.195 0.0	37.5 8.2 24.2	25.6 71.1	0.375 0.25 0.0	49.0 0.5 31.4	31.4 88.9 15.5	61	1.0 0.522 0.0	69.3 22.0 64.7	68.3 71.1
262	R50Y_037_025 _e	0.375 0.25 0.125	0.375 0.25 0.25	60	0.375 0.219 0.124	39.2 8.5 14.1	16.5 58.8	0.375 0.25 0.125	48.9 3.5 17.7	18.0 78.7 11.4	51	1.0 0.378 0.0	62.5 34.1 56.6	66.1 58.8
263	R00Y_037_012 _e	0.375 0.25 0.25	0.375 0.125 0.312	390	0.375 0.249 0.266	41.6 8.2 3.9	9.1 25.4	0.375 0.25 0.25	49.4 6.5 5.7	8.7 41.3 8.2	383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
264	B50R_037_012 _e	0.375 0.25 0.375	0.375 0.125 0.312	330	0.302 0.249 0.375	40.0 6.2 -3.8	7.3 328.6	0.375 0.25 0.375	50.3 9.1 -4.4	10.1 334.0 10.7	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
265	B25R_050_025 _e	0.375 0.25 0.5	0.5 0.25 0.375	300	0.263 0.249 0.5	39.9 6.7 -11.5	13.3 300.1	0.375 0.25 0.5	48.8 14.4 -10.8	18.0 323.1 11.8	272	0.055 0.0 1.0	26.2 26.8 -46.1	53.3 300.1
266	B15R_062_037 _e	0.375 0.25 0.625	0.625 0.375 0.437	289	0.25 0.294 0.625	41.5 6.4 -17.8	18.9 289.7	0.375 0.25 0.625	47.4 18.8 -16.8	25.2 318.2 13.8	263	0.0 0.117 1.0	27.9 17.1 -47.6	50.6 289.7
267	B11R_075_050 _e	0.375 0.25 0.75	0.75 0.5 0.5	284	0.25 0.342 0.75	43.9 6.3 -23.7	24.5 285.0	0.375 0.25 0.75	46.2 22.8 -22.1	31.8 315.8 16.7	259	0.0 0.185 1.0	30.3 12.7 -47.5	49.1 285.0
268	B09R_087_062 _e	0.375 0.25 0.875	0.875 0.625 0.562	281	0.25 0.39 0.875	46.2 6.3 -29.5	30.2 282.1	0.375 0.25 0.875	46.0 26.4 -26.8	37.6 314.6 20.2	257	0.0 0.224 1.0	31.8 10.1 -47.2	48.3 282.1
269	B07R_100_075 _e	0.375 0.25 1.0	1.0 0.75 0.625	279	0.25 0.437 1.0	48.6 6.3 -35.2	35.8 280.2	0.375 0.25 1.0	45.0 27.6 -30.5	41.2 312.1 22.0	256	0.0 0.25 1.0	32.7 8.5 -47.0	47.8 280.2
270	Y00G_037_037 _e	0.375 0.375 0.0	0.375 0.375 0.187	90	0.375 0.325 0.0	43.5 -1.2 31.3	92.3 31.4	0.375 0.375 0.0	54.3 -7.1 35.8	36.5 101.2 13.0	83	1.0 0.868 0.0	85.1 -3.3 83.7	83.7 92.3
271	Y00G_037_025 _e	0.375 0.375 0.125	0.375 0.25 0.25	90	0.375 0.342 0.124	44.9 -0.8 20.9	20.9 92.3	0.375 0.375 0.125	55.5 -5.3 21.8	22.4 103.8 11.6	83	1.0 0.868 0.0	85.1 -3.3 83.7	83.7 92.3
272	Y00G_037_012 _e	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	0.375 0.375 0.25	56.4 -2.9 8.8	9.3 108.5 10.5	83	1.0 0.868 0.0	85.1 -3.3 83.7	83.7 92.3
273	NW_037 _e	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	0.375 0.375 0.375	57.6 -0.3 -2.0	2.0 261.2 10.1	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0
274	B00R_050_012 _e	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	0.375 0.375 0.5	56.0 4.3 -8.8	9.9 296.2 7.9	249	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7
275	B00R_062_025 _e	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	0.375 0.375 0.625	54.9 8.3 -14.7	16.9 299.3 8.9	249	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7
276	B00R_075_037 _e	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	0.375 0.375 0.75	52.9 12.5 -20.5	24.1 301.4 12.5	249	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7
277	B00R_087_050 _e	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	0.375 0.375 0.875	52.8 16.1 -24.9	29.6 302.9 16.0	249	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7
278	B00R_100_062 _e	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	0.375 0.375 1.0	50.7 19.0 -29.1	34.8 303.2 20.0	249	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7
279	Y23G_050_050 _e	0.375 0.5 0.0	0.5 0.5 0.25	104	0.307 0.5 0.0	48.0 -11.8 35.2	37.2 108.6	0.375 0.5 0.0	58.9 -12.2 42.9	44.6 105.9 13.3	112	0.615 1.0 0.0	77.6 -23.7 70.5	74.4 108.6
280	Y31G_050_037 _e	0.375 0.5 0.125	0.5 0.375 0.312	109	0.323 0.5 0.124	49.1 -10.7 23.7	26.0 114.4	0.375 0.5 0.125	59.5 -10.8 28.2	30.2 110.1 11.3	118	0.529 1.0 0.0	74.3 -28.7 63.3	69.5 114.4
281	Y50G_050_025 _e	0.375 0.5 0.25	0.5 0.25 0.375	120	0.337 0.5 0.249	50.1 -9.7 12.7	16.0 127.2	0.375 0.5 0.25	60.4 -8.9 13.9	16.5 122.4 10.3	129	0.35 1.0 0.0	67.2 -38.9 51.1	64.2 127.2
282	G00B_050_012 _e	0.375 0.5 0.375	0.5 0.125 0.437	150	0.375 0.									

http://130.149.60.45/~farbmetrik/SE15/SE15L0NP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), 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*Fe	rgb_Fe	ict_Fe	hsi_Fe	rgb*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DE*Fe	hsiMe	rgb*Me	LabCh*Me	
324	R00Y_050_050a	0.5	0.0	0.0	0.5	0.5	0.0	0.065	33.1	33.1	15.8	36.7	25.4
325	R26Y_050_050a	0.5	0.0	0.125	0.5	0.5	0.0	0.243	33.1	34.7	6.0	35.3	9.8
326	R00Y_050_050a	0.5	0.0	0.25	0.5	0.5	0.0	0.5	32.9	36.3	-5.0	36.7	352.0
327	B61R_050_050a	0.5	0.0	0.375	0.5	0.5	0.0	0.5	29.8	31.0	-10.1	32.6	341.8
328	B50R_050_050a	0.5	0.0	0.5	0.5	0.5	0.0	0.5	26.7	25.0	-15.2	29.3	328.6
329	B40R_062_062a	0.5	0.0	0.625	0.625	0.625	0.312	319	0.191	0.0	0.625	26.7	25.9
330	B34R_075_075a	0.5	0.0	0.75	0.75	0.75	0.375	311	0.169	0.0	0.75	26.8	26.3
331	B29R_087_087a	0.5	0.0	0.875	0.875	0.875	0.437	305	0.098	0.0	0.875	26.4	26.8
332	B25R_100_100a	0.5	0.0	1.0	1.0	1.0	0.5	300	0.055	0.0	1.0	26.2	26.8
333	R23Y_050_050a	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.086	0.0	36.0	26.3
334	R00Y_050_037a	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.174	39.1	24.8
335	R18Y_050_037a	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.356	39.3	26.5
336	B65R_050_037a	0.5	0.125	0.375	0.5	0.375	0.312	349	0.405	0.124	0.5	37.5	24.9
337	B50R_050_037a	0.5	0.125	0.5	0.5	0.375	0.312	330	0.282	0.124	0.5	34.4	18.7
338	B38R_062_050a	0.5	0.125	0.625	0.625	0.5	0.375	316	0.265	0.125	0.625	34.4	19.5
339	B30R_075_062a	0.5	0.125	0.75	0.75	0.625	0.437	307	0.215	0.125	0.75	34.3	20.1
340	B25R_087_075a	0.5	0.125	0.875	0.875	0.75	0.5	300	0.166	0.125	0.875	34.0	20.1
341	B20R_100_087a	0.5	0.125	1.0	1.0	0.875	0.562	295	0.125	0.128	1.0	34.0	19.9
342	R50Y_050_050a	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.189	0.0	40.5	17.0
343	R31Y_050_037a	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.216	0.124	42.4	17.4
344	R00Y_050_025a	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.282	45.2	16.5
345	R00Y_050_025a	0.5	0.25	0.375	0.5	0.25	0.375	360	0.487	0.249	0.5	45.1	18.1
346	B50R_050_025a	0.5	0.25	0.5	0.5	0.25	0.375	330	0.355	0.249	0.5	42.1	12.5
347	B34R_062_037a	0.5	0.25	0.625	0.625	0.375	0.437	311	0.334	0.25	0.625	42.1	13.1
348	B25R_075_050a	0.5	0.25	0.75	0.75	0.5	0.5	300	0.277	0.25	0.75	41.8	13.4
349	B19R_087_062a	0.5	0.25	0.875	0.875	0.625	0.562	293	0.25	0.276	0.875	42.6	13.0
350	B15R_100_075a	0.5	0.25	1.0	1.0	0.75	0.625	289	0.25	0.338	1.0	45.0	12.8
351	R76Y_050_050a	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.292	0.0	45.6	8.1
352	R68Y_050_037a	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.32	0.124	47.3	8.2
353	R50Y_050_025a	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.344	0.249	49.0	8.5
354	R00Y_050_012a	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.391	51.3	8.2
355	B50R_050_012a	0.5	0.375	0.5	0.5	0.125	0.437	330	0.427	0.375	0.5	49.7	6.2
356	B25R_062_025a	0.5	0.375	0.625	0.625	0.25	0.5	300	0.388	0.375	0.625	49.6	6.7
357	B15R_075_037a	0.5	0.375	0.75	0.75	0.375	0.562	289	0.375	0.419	0.75	51.2	6.4
358	B11R_087_050a	0.5	0.375	0.875	0.875	0.5	0.625	284	0.375	0.467	0.875	53.6	6.3
359	B09R_100_062a	0.5	0.375	1.0	1.0	0.625	0.687	281	0.375	0.515	1.0	56.0	6.3
360	Y00G_050_050a	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.434	0.0	51.8	-1.6
361	Y00G_050_037a	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.45	0.124	53.2	-1.2
362	Y00G_050_025a	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.467	0.249	54.6	-0.8
363	Y00G_050_012a	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.483	0.375	56.0	-0.4
364	NW_050a	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.4	0.0
365	B00R_062_012a	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.544	0.625	59.7	0.1
366	B00R_075_025a	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.589	0.75	62.0	0.3
367	B00R_087_037a	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.634	0.875	64.2	0.5
368	B00R_100_050a	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.679	1.0	66.5	0.7
369	Y18G_062_062a	0.5	0.625	0.0	0.625	0.625	0.312	101	0.435	0.625	0.0	57.7	-12.6
370	Y23G_062_050a	0.5	0.625	0.125	0.625	0.5	0.375	104	0.432	0.625	0.125	57.8	-11.8
371	Y31G_062_037a	0.5	0.625	0.25	0.625	0.375	0.437	109	0.448	0.625	0.25	58.9	-10.7
372	Y50G_062_025a	0.5	0.625	0.375	0.625	0.25	0.5	120	0.462	0.625	0.375	59.9	-9.7
373	G00B_062_012a	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.501	61.6	-8.6
374	G50B_062_012a	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.589	62.1	-5.2
375	G75B_075_025a	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.686	0.75	65.6	-5.4
376	G84B_087_037a	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.716	0.875	67.5	-4.8
377	G88B_100_050a	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.759	1.0	69.7	-4.5
378	Y31G_075_075a	0.5	0.75	0.0	0.75	0.75	0.375	109	0.396	0.75	0.0	60.3	-21.5
379	Y38G_075_062a	0.5	0.75	0.125	0.75	0.625	0.437	113	0.411	0.75	0.125	61.5	-20.2
380	Y50G_075_050a	0.5	0.75	0.25	0.75	0.5	0.5	120	0.425	0.75	0.25	62.3	-19.4
381	Y68G_075_037a	0.5	0.75	0.375	0.75	0.375	0.562	131	0.46	0.75	0.375	63.3	-18.4
382	G00B_075_025a	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.502	65.7	-17.2
383	G25B_075_025a	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.6	66.3	-13.8
384	G50B_075_025a	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.678	66.9	-10.8
385	G65B_087_037a	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.875	0.872	72.2	-12.0
386	G75B_100_050a	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.872	1.0	73.7	-10.9
387	Y41G_087_087a	0.5	0.875	0.0	0.875	0.875	0.437	115	0.37	0.875	0.0	64.0	-30.0
388	Y50G_087_075a	0.5	0.875	0.125	0.875	0.75	0.5	120	0.387	0.875	0.125	64.8	-29.1
389	Y61G_087_062a	0.5	0.875	0.25	0.875	0.625	0.562	127	0.422	0.875	0.25	65.4	-28.4
390	Y76G_087_050a	0.5	0.875	0.375	0.875	0.5	0.625	136	0.456	0.875	0.375	67.4	-26.8
391	G00B_087_037a	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.504	69.9	-25.9
392	G15B_087_037a	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.608	70.4	-22.6
393	G34B_087_037a	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.75	71.0	-18.9
394	G50B_087_037a	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.767	71.6	-15.7
395	G61B_100_050a	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	1.0	0.956	76.9	-17.4
396	Y50G_100_100a	0.5	1.0	0.0	1.0	1.0	0.5	120	0.35	1.0	0.0	67.2	-38.9
397	Y58G_100_087a	0.5	1.0	0.125	1.0	0.875	0.562	125	0.385	1.0	0.125	67.9	-38.2
398	Y68G_100_075a	0.5	1.0	0.25	1.0	0.75	0.625	131	0.421	1.0	0.25	69.2	-36.8
399	Y81G_100_062a	0.5	1.0	0.375	1.0	0.625	0.687	139	0.452	1.0	0.375	71.5	-30.1
400	G00B_100_050a	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.505	74.0	-34.5
401	G11B_100_050a	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.615	74.6	-31.3
402	G25B_100_050a	0.5	1.0	0.75	1.0	0.5	0.75	186	0.5	1.0	0.701	75.	

1-0132330-F0

SE150-7N, Page 24/33-F

TUB-test chart SE15; 1080 colours, offset standard paper
colors and differences, ΔE^* , 3D=0, de=1, *cmk*

input: *rgb/cmyk* -> *rgb*_e
output: transfer to *cmk*_e

1-0132330-F0

TUB registration: 20130201-SE15/SE15L0NP.PDF /PS
application for measurement of offset print output, separationcnmyn6 (CMYK)
TUB material: code=rha4ta

Mean color difference of this page: $\Delta E^* = 12.6$

http://130.149.60.45/~farbmetrik/SE15/SE15L0NP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 25/33

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*Fe	rgb_Fe	ict_Fe	hsi_Fe	rgb*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DE*Fe	hsiMe	rgb*Me	LabCh*Me			
405	R00Y_062_062a	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	0.625 0.0 0.0	38.7 44.2 26.7	51.7 31.1 7.8	383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4	
406	R31Y_062_062a	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	0.625 0.0 0.125	38.7 45.5 18.9	49.3 22.5 9.3	365	1.0 0.0 0.414	47.8 68.7 16.1	70.6 13.2	
407	R11Y_062_062a	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	0.625 0.0 0.25	38.8 47.3 10.5	48.5 12.4 11.0	344	1.0 0.0 0.736	48.1 71.9 -0.1	71.9 359.8	
408	B69R_062_062a	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	0.625 0.0 0.375	39.1 49.3 2.0	49.3 2.3 11.3	323	0.877 0.0 1.0	45.9 70.7 -11.9	71.7 350.4	
409	B59R_062_062a	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	396.6 339.0	0.625 0.0 0.5	39.1 50.9 -4.4	51.1 355.0 18.4	307	0.612 0.0 1.0	39.9 59.2 -22.6	63.4 339.0	
410	B50R_062_062a	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	366.6 328.6	0.625 0.0 0.625	39.4 52.4 -9.2	53.2 350.0 25.6	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6	
411	B42R_075_075a	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	0.625 0.0 0.75	40.3 56.5 -13.1	58.0 346.9 30.2	288	0.323 0.0 1.0	32.2 43.0 -36.0	56.1 320.0	
412	B36R_087_087a	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	0.625 0.0 0.875	41.0 60.6 -17.4	63.0 343.9 34.8	284	0.264 0.0 1.0	30.4 37.5 -39.6	54.5 313.4	
413	B31R_100_100a	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	0.625 0.0 1.0	40.2 59.7 -22.1	63.7 339.6 35.6	278	0.164 0.0 1.0	28.5 32.9 -42.5	53.8 307.7	
414	R18Y_062_062a	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	0.625 0.125 0.0	45.0 31.6 32.9	45.6 46.1 8.8	36	1.0 0.13 0.0	51.7 56.1 43.4	71.0 37.7	
415	R00Y_062_050a	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	0.625 0.125 0.125	45.3 32.7 23.5	40.3 35.6 8.1	383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4	
416	R26Y_062_050a	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	0.625 0.125 0.25	45.7 34.0 14.1	36.8 22.5 8.5	360	1.0 0.0 0.486	47.8 69.5 12.1	70.6 9.8	
417	R00Y_062_050a	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	0.625 0.125 0.375	46.4 35.4 4.5	35.7 7.3 10.4	327	0.948 0.0 1.0	47.3 72.7 -10.1	73.5 352.0	
418	B61R_062_050a	0.625 0.125 0.5	0.625 0.5 0.375	344	0.456 0.125 0.625	39.6 31.0 -10.1	32.6 341.8	0.625 0.125 0.5	46.6 37.4 -3.0	37.5 355.3 11.8	310	0.663 0.0 1.0	41.2 62.0 -20.3	65.2 341.8	
419	B50R_062_050a	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	0.625 0.125 0.625	46.9 38.8 -8.7	39.8 347.3 18.5	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6	
420	B40R_075_062a	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	0.625 0.125 0.75	47.0 43.5 -12.8	45.4 343.5 23.0	287	0.306 0.0 1.0	31.7 41.5 -37.1	55.7 318.1	
421	B34R_087_075a	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	0.625 0.125 0.875	46.9 48.6 -17.4	51.6 340.2 27.9	282	0.225 0.0 1.0	29.5 35.1 -41.0	54.0 310.5	
422	B29R_100_087a	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	0.625 0.125 1.0	45.9 49.5 -21.9	54.2 336.0 29.7	275	0.112 0.0 1.0	27.5 30.6 -43.9	53.6 304.9	
423	R38Y_062_062a	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	0.625 0.25 0.0	51.8 18.7 40.4	44.5 65.1 13.7	46	1.0 0.292 0.0	58.5 42.0 52.1	66.9 51.0	
424	R23Y_062_050a	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	0.625 0.25 0.125	52.0 20.1 28.8	35.1 55.0 10.6	39	1.0 0.172 0.0	53.4 52.6 45.8	69.7 41.0	
425	R00Y_062_037a	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	0.625 0.25 0.25	52.9 21.1 17.9	27.7 40.2 8.1	383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4	
426	R18Y_062_037a	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	0.625 0.25 0.375	53.5 22.6 8.5	24.1 20.6 8.8	352	1.0 0.0 0.617	48.0 70.7 5.3	70.9 4.3	
427	B65R_062_037a	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	0.625 0.25 0.5	54.1 24.8 -0.9	24.8 357.8 8.4	315	0.747 0.0 1.0	43.2 66.6 -15.8	68.5 346.6	
428	B50R_062_037a	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	0.625 0.25 0.625	54.6 26.5 -7.4	27.5 344.2 13.6	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6	
429	B38R_075_050a	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	0.625 0.25 0.75	54.1 31.9 -11.9	34.0 339.5 17.5	285	0.281 0.0 1.0	30.9 39.1 -38.6	55.0 315.3	
430	B30R_087_062a	0.625 0.25 0.875	0.875 0.625 0.562	307	0.34 0.25 0.875	44.0 20.1 -26.8	33.5 306.8	0.625 0.25 0.875	53.7 36.1 -16.8	39.8 335.0 21.2	277	0.144 0.0 1.0	28.1 32.2 -43.0	53.7 306.8	
431	B25R_100_075a	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	0.625 0.25 1.0	52.0 37.3 -21.4	43.1 330.0 23.1	272	0.055 0.0 1.0	26.2 26.8 -46.1	53.3 300.1	
432	R61Y_062_062a	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	0.625 0.375 0.0	58.8 5.6 47.7	48.0 83.2 17.5	58	1.0 0.47 0.0	66.7 26.5 61.6	67.1 66.6	
433	R50Y_062_050a	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	0.625 0.375 0.125	59.3 7.9 34.8	35.7 77.0 14.4	51	1.0 0.378 0.0	62.5 34.1 56.6	66.1 58.8	
434	R31Y_062_037a	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	0.625 0.375 0.25	59.8 10.0 22.4	24.6 65.7 11.3	43	1.0 0.242 0.0	56.3 46.4 49.1	67.6 46.6	
435	R00Y_062_025a	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	0.625 0.375 0.375	60.9 11.4 11.8	16.4 46.0 8.7	383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4	
436	R00Y_062_025a	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	0.625 0.375 0.5	61.9 13.2 2.2	13.4 9.6 9.8	327	0.948 0.0 1.0	47.3 72.7 -10.1	73.5 352.0	
437	B50R_062_025a	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	0.625 0.375 0.625	62.4 15.4 -5.6	16.4 39.7 11.2	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6	
438	B34R_075_037a	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	0.625 0.375 0.75	61.1 20.5 -10.7	23.2 332.3 12.7	282	0.225 0.0 1.0	29.5 35.1 -41.0	54.0 310.5	
439	B25R_087_050a	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	0.625 0.375 0.875	60.4 24.3 -15.9	29.1 326.7 15.7	272	0.055 0.0 1.0	26.2 26.8 -46.1	53.3 300.1	
440	B19R_100_062a	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	0.625 0.375 1.0	57.4 26.9 -21.2	34.3 321.6 17.0	267	0.0 0.042 1.0	26.0 20.8 -47.8	52.2 293.5	
441	R81Y_062_062a	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	0.625 0.5 0.0	65.2 -2.8	54.4 54.5 93.0	18.5	68	1.0 0.622 0.0	74.8 12.5 71.3	72.4 80.0
442	R76Y_062_050a	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	0.625 0.5 0.125	65.8 -1.2	40.2 40.2 91.8	15.1	65	1.0 0.584 0.0	72.7 16.2 69.0	70.9 76.7
443	R68Y_062_037a	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	0.625 0.5 0.25	66.4 0.4	26.6 26.6 89.0	12.4	61	1.0 0.522 0.0	69.3 22.0 64.7	68.3 71.1
444	R50Y_062_025a	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	0.625 0.5 0.375	67.2 2.6 14.7	14.9 79.8 10.3	51	1.0 0.378 0.0	62.5 34.1 56.6	66.1 58.8	
445	R0														

http://130.149.60.45/~farbmetrik/SE15/SE15L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 26/33

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*Fe	rgb_Fe	ict_Fe	hsi_Fe	rgb*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DE**Fe	hsiMe	
486	R00Y_075_075e	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	0.75 0.0 0.0	41.5 52.5 31.0	61.0 30.6 7.9	383
487	R35Y_075_075e	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	0.75 0.0 0.125	41.9 53.1 24.2	58.4 24.4 10.3	368
488	R18Y_075_075e	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	0.75 0.0 0.25	42.0 54.5 16.4	56.9 16.7 12.5	352
489	R00Y_075_075e	0.75 0.0 0.375	0.75 0.75 0.375	360	0.711 0.0 0.75	40.1 54.5 -7.6	55.1 352.0	0.75 0.0 0.375	42.1 56.3 7.4	56.8 7.4 15.2	327
490	B65R_075_075e	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	0.75 0.0 0.5	41.9 58.1 0.1	58.1 0.1 15.3	315
491	B57R_075_075e	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	0.75 0.0 0.625	42.1 59.5 -5.2	59.8 354.9 22.4	304
492	B50R_075_075e	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	0.75 0.0 0.75	42.2 60.7 -9.4	61.4 351.1 29.1	294
493	B43R_087_087e	0.75 0.0 0.875	0.875 0.875 0.375	322	0.29 0.0 0.875	30.7 38.3 -31.0	49.3 321.0	0.75 0.0 0.875	43.3 65.5 -12.5	66.7 349.1 35.2	288
494	B38R_100_100e	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	0.75 0.0 1.0	43.3 66.7 -15.7	68.5 346.7 38.0	285
495	R15Y_075_075e	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	0.75 0.125 0.0	46.1 41.9 35.9	55.2 40.5 6.1	34
496	R00Y_075_062e	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	0.75 0.125 0.125	47.0 41.6 27.3	49.8 33.3 7.6	383
497	R31Y_075_062e	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	0.75 0.125 0.25	47.3 42.7 18.9	46.7 23.9 8.8	365
498	R11Y_075_062e	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	0.75 0.125 0.375	47.8 43.8 10.0	45.0 12.8 10.2	344
499	B69R_075_062e	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	0.75 0.125 0.5	48.0 45.7 1.4	45.7 1.7 9.4	323
500	B59R_075_062e	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	0.75 0.125 0.625	48.3 47.0 -4.5	47.2 354.4 15.4	307
501	B50R_075_062e	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	0.75 0.125 0.75	48.5 48.3 -9.3	49.2 349.0 22.0	294
502	B42R_087_075e	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	0.75 0.125 0.875	49.1 54.0 -12.6	55.4 346.8 28.1	288
503	B36R_100_087e	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	0.75 0.125 1.0	48.5 56.4 -15.9	58.7 344.1 31.7	284
504	R31Y_075_075e	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	0.75 0.25 0.0	53.1 29.5 42.8	52.0 55.4 10.1	43
505	R18Y_075_062e	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	0.75 0.25 0.125	53.4 30.6 32.0	44.3 46.2 7.9	36
506	R00Y_075_050e	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	0.75 0.25 0.25	54.5 30.7 22.3	37.9 36.0 7.2	383
507	R26Y_075_050e	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	0.75 0.25 0.375	55.2 31.6 13.3	34.3 22.8 8.3	360
508	R00Y_075_050e	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	0.75 0.25 0.5	55.5 33.6 4.2	33.8 7.1 10.2	327
509	B61R_075_050e	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	0.75 0.25 0.625	56.2 34.9 -2.9	35.0 355.1 10.6	310
510	B50R_075_050e	0.75 0.25 0.75	0.75 0.5 0.5	330	0.446 0.25 0.75	46.2 25.0 -15.2	29.3 328.6	0.75 0.25 0.75	56.6 36.1 -8.5	37.1 346.7 16.7	294
511	B40R_087_062e	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	0.75 0.25 0.875	56.6 42.0 -12.2	43.7 343.7 22.0	287
512	B34R_100_075e	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	0.75 0.25 1.0	55.2 44.5 -15.7	47.2 340.5 25.2	282
513	R50Y_075_075e	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	0.75 0.375 0.0	60.6 15.9 50.6	53.0 72.5 15.5	51
514	R38Y_075_062e	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	0.75 0.375 0.125	60.0 18.4 37.4	41.7 63.7 11.4	46
515	R23Y_075_050e	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	0.75 0.375 0.25	61.1 19.3 26.1	32.5 53.4 9.5	39
516	R00Y_075_037e	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	0.75 0.375 0.375	62.2 20.1 16.0	25.7 38.6 7.3	383
517	R18Y_075_037e	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	0.75 0.375 0.5	62.8 21.5 7.4	22.8 19.0 8.4	352
518	B65R_075_037e	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	0.75 0.375 0.625	63.3 23.1 -0.9	23.2 357.5 8.2	315
519	B50R_075_037e	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	0.75 0.375 0.75	64.1 24.5 -6.9	25.5 344.1 12.5	294
520	B38R_087_050e	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	0.75 0.375 0.875	63.5 30.1 -11.0	32.1 339.8 16.5	285
521	B30R_100_062e	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	0.75 0.375 1.0	61.4 34.3 -14.7	37.3 336.8 20.2	277
522	R68Y_075_075e	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	0.75 0.5 0.0	67.4 5.0 57.9	58.2 85.0 18.4	61
523	R61Y_075_062e	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	0.75 0.5 0.125	67.9 6.1 44.4	44.8 82.0 15.3	58
524	R50Y_075_050e	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	0.75 0.5 0.25	68.4 8.1 31.3	32.3 75.4 12.6	51
525	R31Y_075_037e	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	0.75 0.5 0.375	69.0 9.9 19.8	22.2 63.2 10.3	43
526	R00Y_075_025e	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	0.75 0.5 0.5	70.1 11.2 10.3	15.3 42.6 7.9	383
527	R00Y_075_025e	0.75 0.625 0.5	0.75 0.25 0.625	360	0.737 0.5 0.75	64.6 18.1 -2.5	18.3 352.0	0.75 0.625 0.5	70.6 13.0 1.9	13.2 8.5 9.0	327
528	B50R_075_025e	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	0.75 0.5 0.75	71.6 14.5 -5.0	15.4 341.0 10.6	294
529	B34R_087_037e	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	0.75 0.5 0.875	71.4 19.2 -9.3	21.3 334.1 13.0	282
530	B25R_100_050e	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	0.75 0.5 1.0	67.4 24.8 -14.1	28.5 330.2 15.7	272
531	R85Y_075_075e	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	0.75 0.625 0.0	73.1 -3.9 63.8	63.9 93.5 18.2	70
532	R81Y_075_062e	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	0.75 0.625 0.125	73.9 -2.7 49.2	49.3 93.1 15.5	68
533	R76Y_075_050e	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	0.75 0.625 0.25	74.7 -1.1 35.6	35.6 91.7 13.3	65
534	R68Y_075_037e	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	0.75 0.625 0.375	75.7 0.3 23.5	23.5 89.0 11.9	61
535	R50Y_075_025e	0.75 0.625 0.5	0.75 0.25 0.625	60	0.75 0.594 0.5	68.4 8.5 14.1	16.5 58.8	0.75 0.625 0.5	76.1 2.7 13.0	13.3 77.9 9.7	51
536	R00Y_075_012e	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	0.75 0.625 0.625	76.8 4.6 4.2	4.2 42.6 7.0	383
537	B50R_075_012e	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	0.75 0.625 0.75	77.8 6.3 -3.1</		

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n	HIC* _{Fe}	rgb _{Fe}	ict _{Fe}	hsi _{Fe}	rgb* _{Fe}	LabCh* _{Fe}	rgb** _{Fe}	LabCh** _{Fe}	DE** _{Fe}	hsi _{Me}	rgb* _{Me}	LabCh* _{Me}	
567	R00Y_087_087_	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	0.875 0.0 0.0	45.0 60.9 34.2	69.9 29.3 7.2	383	1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4
568	R36Y_087_087_	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	0.875 0.0 0.125	45.2 61.6 27.5	67.5 24.0 10.1	370	1.0 0.0 0.341	47.8 67.9 20.2 70.9 16.5
569	R23Y_087_087_	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	0.875 0.0 0.25	45.4 62.5 20.9	65.9 18.4 12.7	357	1.0 0.0 0.538	47.9 70.0 9.4 70.7 7.6
570	R08Y_087_087_	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	0.875 0.0 0.375	45.4 63.8 13.1	65.2 11.6 15.8	339	1.0 0.0 0.817	48.1 72.7 -3.0 72.7 357.6
571	B70R_087_087_	0.875 0.0 0.5	0.875 0.875 0.437	355	0.839 0.0 0.875	43.8 63.9 -8.6	64.5 352.3	0.875 0.0 0.5	45.4 65.6 5.6	65.8 4.8 14.4	322	0.959 0.0 1.0	47.4 73.0 -9.8 73.7 352.3
572	B63R_087_087_	0.875 0.0 0.625	0.875 0.875 0.437	346	0.61 0.0 0.875	39.1 55.9 -16.2	58.2 343.7	0.875 0.0 0.625	45.5 66.8 -0.5	66.8 359.4 20.2	312	0.697 0.0 1.0	42.0 63.9 -18.6 66.5 343.7
573	B56R_087_087_	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	0.875 0.0 0.75	45.8 68.1 -5.3	68.3 355.5 26.7	303	0.556 0.0 1.0	38.5 56.6 -25.0 61.9 336.1
574	B50R_087_087_	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	0.875 0.0 0.875	45.7 69.3 -9.3	69.9 352.2 33.4	294	0.42 0.0 1.0	34.9 50.0 -30.5 58.6 328.6
575	B44R_100_100_	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	0.875 0.0 1.0	45.9 70.7 -12.0	71.7 350.3 37.1	289	0.339 0.0 1.0	32.7 44.6 -34.8 56.6 321.9
576	R13Y_087_087_	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	0.875 0.125 0.0	49.5 50.6 39.6	64.3 38.0 5.5	33	1.0 0.072 0.0	49.8 60.4 41.3 73.2 34.3
577	R00Y_087_075_	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	0.875 0.125 0.125	50.2 50.6 31.4	59.6 31.8 7.8	383	1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4
578	R35Y_087_075_	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	0.875 0.125 0.25	50.6 51.2 23.7	56.5 24.8 9.5	368	1.0 0.0 0.365	47.8 68.1 18.8 70.7 15.4
579	R18Y_087_075_	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	0.875 0.125 0.375	50.9 52.4 15.4	54.6 16.4 11.4	352	1.0 0.0 0.617	48.0 70.7 5.3 70.9 4.3
580	R00Y_087_075_	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	0.875 0.125 0.5	51.0 54.0 7.1	54.5 7.5 14.8	327	0.948 0.0 1.0	47.3 72.7 -10.1 73.5 352.0
581	B65R_087_075_	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	0.875 0.125 0.625	51.5 55.2 0.1	55.2 0.1 13.9	315	0.747 0.0 1.0	43.2 66.6 -15.8 68.5 346.6
582	B57R_087_075_	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	0.875 0.125 0.75	51.7 56.5 -5.4	56.8 354.5 20.2	304	0.575 0.0 1.0	38.9 57.5 -24.2 62.4 337.1
583	B50R_087_075_	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	0.875 0.125 0.875	51.8 57.6 -9.6	58.4 350.4 26.5	294	0.42 0.0 1.0	34.9 50.0 -30.5 58.6 328.6
584	B43R_100_087_	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	0.875 0.125 1.0	51.3 60.0 -12.8	61.4 347.9 30.3	288	0.331 0.0 1.0	32.4 43.8 -35.4 56.4 321.0
585	R26Y_087_087_	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	0.875 0.25 0.0	55.2 38.6 46.0	60.1 50.0 8.7	40	1.0 0.2 0.0	54.6 50.1 47.2 68.9 43.0
586	R15Y_087_075_	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	0.875 0.25 0.125	55.8 39.0 36.0	53.1 42.7 7.7	34	1.0 0.092 0.0	50.5 58.9 42.0 72.4 35.5
587	R00Y_087_062_	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	0.875 0.25 0.25	56.7 39.0 27.2	47.6 34.9 7.8	383	1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4
588	R31Y_087_062_	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	0.875 0.25 0.375	57.3 39.8 18.7	44.0 25.2 9.2	365	1.0 0.0 0.414	47.8 68.7 16.1 70.6 13.2
589	R11Y_087_062_	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	0.875 0.25 0.5	57.6 41.2 10.0	42.4 13.6 10.8	344	1.0 0.0 0.736	48.1 71.9 -0.1 71.9 359.8
590	B69R_087_062_	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	0.875 0.25 0.625	58.1 42.8 1.9	42.8 2.5 9.9	323	0.877 0.0 1.0	45.9 70.7 -11.9 71.7 350.4
591	B59R_087_062_	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	0.875 0.25 0.75	58.4 44.2 -4.1	44.4 354.6 14.2	307	0.612 0.0 1.0	39.9 59.2 -22.6 63.4 339.0
592	B50R_087_062_	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	0.875 0.25 0.875	58.9 45.0 -9.0	45.9 348.6 20.1	294	0.42 0.0 1.0	34.9 50.0 -30.5 58.6 328.6
593	B42R_100_075_	0.875 0.25 1.0	1.0 0.75 0.625	321	0.492 0.25 1.0	48.2 32.3 -27.0	42.1 320.0	0.875 0.25 1.0	58.1 48.2 -11.9	49.7 346.0 24.0	288	0.323 0.0 1.0	32.2 43.0 -36.0 56.1 320.0
594	R41Y_087_087_	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	0.875 0.375 0.0	61.7 26.3 53.2	59.4 63.7 12.8	48	1.0 0.316 0.0	59.7 39.8 53.5 66.7 53.3
595	R31Y_087_075_	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	0.875 0.375 0.125	62.3 26.8 41.9	49.8 57.3 11.0	43	1.0 0.242 0.0	56.3 46.4 49.1 67.6 46.6
596	R18Y_087_062_	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	0.875 0.375 0.25	63.1 27.3 31.8	41.9 49.3 10.0	36	1.0 0.13 0.0	51.7 56.1 43.4 71.0 37.7
597	R00Y_087_050_	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	0.875 0.375 0.375	64.0 27.8 21.9	35.5 38.2 8.3	383	1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4
598	R26Y_087_050_	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	0.875 0.375 0.5	64.6 29.1 13.2	32.0 24.4 9.4	360	1.0 0.0 0.486	47.8 69.5 12.1 70.6 9.8
599	R00Y_087_050_	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	0.875 0.375 0.625	65.3 30.4 4.6	30.8 8.6 11.8	327	0.948 0.0 1.0	47.3 72.7 -10.1 73.5 352.0
600	B61R_087_050_	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	0.875 0.375 0.75	66.0 31.8 -2.3	31.9 355.8 10.4	310	0.663 0.0 1.0	41.2 62.0 -20.3 65.2 341.8
601	B50R_087_050_	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	0.875 0.375 0.875	66.2 33.2 -7.7	34.1 346.8 15.1	294	0.42 0.0 1.0	34.9 50.0 -30.5 58.6 328.6
602	B40R_100_062_	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	0.875 0.375 1.0	64.0 37.8 -11.5	39.5 343.0 18.5	287	0.306 0.0 1.0	31.7 41.5 -37.1 55.7 318.1
603	R58Y_087_087_	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	0.875 0.5 0.0	69.3 12.9 61.9	63.3 78.1 18.1	56	1.0 0.444 0.0	65.5 28.8 60.3 66.8 64.4
604	R50Y_087_075_	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	0.875 0.5 0.125	69.4 14.5 48.4	50.6 73.2 15.0	51	1.0 0.378 0.0	62.5 34.1 56.6 66.1 58.8
605	R38Y_087_062_	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	0.875 0.5 0.25	69.7 16.2 37.0	40.4 66.3 12.9	46	1.0 0.292 0.0	58.5 42.0 52.1 66.9 51.0
606	R23Y_087_050_	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	0.875 0.5 0.375	70.6 17.1 26.1	31.2 56.7 11.1	39	1.0 0.172 0.0	53.4 52.6 45.8 69.7 41.0
607	R00Y_087_037_	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.						

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

TUB registration: 20130201-SE15/SE15L0NP.PDF /PS
application for measurement of offset print output, separationcnmy6 (CMYK)
TUB material: code=rha4ta

n	HIC*Fe	rgb_Fe	ict_Fe	hsi_Fe	rgb*Fe	LabCh*Fe	rgb**Fe	LabCh**Fe	DE**Fe	hsi_Me	rgb*Me	LabCh*Me		
648	R00Y_100_100a	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	1.0 0.0 0.0	47.5 65.5 38.4	76.0 30.4	6.9 383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
649	R38Y_100_100a	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	1.0 0.0 0.125	47.6 66.2 31.9	73.5 25.7	10.4 371	1.0 0.0 0.317	47.8 67.7 21.6	71.1 17.6
650	R26Y_100_100a	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	1.0 0.0 0.25	47.8 67.0 25.4	71.7 20.8	13.6 360	1.0 0.0 0.486	47.8 69.5 12.1	70.6 9.8
651	R13Y_100_100a	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	1.0 0.0 0.375	47.8 68.2 18.3	70.6 15.0	17.4 346	1.0 0.0 0.706	48.1 71.6 1.2	71.7 0.9
652	R00Y_100_100a	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	1.0 0.0 0.5	47.8 69.7 11.3	70.6 9.2	21.7 327	0.948 0.0 1.0	47.3 72.7 -10.1	73.5 352.0
653	B68R_100_100a	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	1.0 0.0 0.625	48.0 70.7 4.9	70.9 4.0	18.1 321	0.843 0.0 1.0	45.2 69.7 -12.9	70.9 349.4
654	B61R_100_100a	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	1.0 0.0 0.75	48.1 72.1 -0.7	72.1 359.3	23.0 310	0.663 0.0 1.0	41.2 62.0 -20.3	65.2 341.8
655	B55R_100_100a	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	1.0 0.0 0.875	48.2 73.1 -4.9	73.3 356.1	28.9 302	0.538 0.0 1.0	38.0 55.7 -25.7	61.4 335.2
656	B50R_100_100a	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	1.0 0.0 1.0	48.2 74.2 -8.7	74.7 353.2	35.1 294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
657	R11Y_100_100a	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	1.0 0.125 0.0	51.5 56.6 43.1	71.2 37.2	6.2 32	1.0 0.052 0.0	49.2 61.9 40.6	74.0 33.2
658	R00Y_100_087e	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	1.0 0.125 0.125	52.3 56.2 35.5	66.5 32.3	8.2 383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
659	R36Y_100_087e	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	1.0 0.125 0.25	52.5 56.7 27.8	63.2 26.1	10.6 370	1.0 0.0 0.341	47.8 67.9 20.2	70.9 16.5
660	R23Y_100_087e	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	1.0 0.125 0.375	52.7 57.8 20.9	61.4 19.9	13.2 357	1.0 0.0 0.538	47.9 70.0 9.4	70.7 7.6
661	R08Y_100_087e	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	1.0 0.125 0.5	52.8 59.2 13.1	60.6 12.5	16.4 339	1.0 0.0 0.817	48.1 72.7 -3.0	72.7 357.6
662	B70R_100_087e	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	1.0 0.125 0.625	53.4 59.9 5.3	60.2 5.1	14.5 327	0.959 0.0 1.0	47.4 73.0 -9.8	73.7 352.3
663	B63R_100_087e	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	1.0 0.125 0.75	53.5 61.3 -0.7	61.3 359.2	17.1 312	0.697 0.0 1.0	42.0 63.9 -18.6	66.5 343.7
664	B56R_100_087e	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	1.0 0.125 0.875	53.7 62.3 -5.2	62.5 355.1	22.3 303	0.556 0.0 1.0	38.5 56.6 -25.0	61.9 336.1
665	B50R_100_087e	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	1.0 0.125 1.0	53.9 63.2 -9.6	64.0 351.3	28.2 294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
666	R23Y_100_100a	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	1.0 0.25 0.0	56.6 45.8 49.4	67.4 47.2	8.3 39	1.0 0.172 0.0	53.4 52.6 45.8	69.7 41.0
667	R13Y_100_087e	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	1.0 0.25 0.125	57.5 45.2 40.5	60.7 41.8	8.9 33	1.0 0.072 0.0	49.8 60.4 41.3	73.2 34.3
668	R00Y_100_075e	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	1.0 0.25 0.25	58.4 44.9 31.9	55.1 35.4	9.6 383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
669	R35Y_100_075e	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	1.0 0.25 0.375	58.6 45.9 24.3	52.0 27.9	11.5 368	1.0 0.0 0.365	47.8 68.1 18.8	70.7 15.4
670	R18Y_100_075e	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	1.0 0.25 0.5	59.0 46.6 16.2	49.4 19.2	13.8 352	1.0 0.0 0.617	48.0 70.7 5.3	70.9 4.3
671	R00Y_100_075e	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	1.0 0.25 0.625	59.8 47.3 8.0	48.0 9.6	17.2 327	0.948 0.0 1.0	47.3 72.7 -10.1	73.5 352.0
672	B65R_100_075e	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	1.0 0.25 0.75	60.0 49.0 0.9	49.0 1.1	13.3 315	0.747 0.0 1.0	43.2 66.6 -15.8	68.5 346.6
673	B57R_100_075e	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	1.0 0.25 0.875	60.4 50.1 -4.4	50.3 354.8	16.9 304	0.575 0.0 1.0	38.9 57.5 -24.2	62.4 337.1
674	B50R_100_075e	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	1.0 0.25 1.0	60.4 51.5 -9.1	52.4 349.8	22.0 294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
675	R36Y_100_100a	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	1.0 0.375 0.0	62.3 34.4 56.4	66.1 58.6	10.9 45	1.0 0.28 0.0	58.0 43.1 51.4	67.1 49.9
676	R26Y_100_087e	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	1.0 0.375 0.125	62.3 36.0 45.1	57.7 51.4	9.0 40	1.0 0.2 0.0	54.6 50.1 47.2	68.9 43.3
677	R15Y_100_075e	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	1.0 0.375 0.25	63.1 35.8 35.8	50.7 44.9	9.4 34	1.0 0.092 0.0	50.5 58.9 42.0	72.4 35.5
678	R00Y_100_062a	1.0 0.375 0.375	1.0 0.625 0.687	390	1.0 0.375 0.457	61.9 44.2 19.7	45.9 25.4	1.0 0.375 0.375	64.4 35.1 27.2	44.5 37.7	9.8 383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
679	R31Y_100_062a	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	1.0 0.375 0.5	64.8 36.2 18.7	40.8 27.3	11.0 365	1.0 0.0 0.414	47.8 68.7 16.1	70.6 13.2
680	R11Y_100_062a	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	1.0 0.375 0.625	65.6 36.9 10.7	38.4 16.2	13.5 344	1.0 0.0 0.736	48.1 71.9 -0.1	71.9 359.8
681	B69R_100_062a	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	1.0 0.375 0.75	66.1 38.5 2.6	38.6 3.9	11.7 323	0.877 0.0 1.0	45.9 70.7 -11.9	71.7 350.4
682	B59R_100_062a	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	1.0 0.375 0.875	66.8 39.4 -3.4	39.5 355.0	12.3 307	0.612 0.0 1.0	39.9 59.2 -22.6	63.4 339.0
683	B50R_100_062a	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	1.0 0.375 1.0	66.9 40.7 -8.3	41.5 348.4	16.8 294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
684	R50Y_100_100a	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	1.0 0.5 0.0	68.1 24.0 63.0	67.4 69.1	13.2 51	1.0 0.378 0.0	62.5 34.1 56.6	66.1 58.8
685	R41Y_100_087e	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	1.0 0.5 0.125	68.3 25.0 51.0	56.8 63.8	11.4 48	1.0 0.316 0.0	59.7 39.8 53.5	66.7 53.3
686	R31Y_100_075e	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	1.0 0.5 0.25	68.8 25.6 40.2	47.7 57.5	10.1 43	1.0 0.242 0.0	56.3 46.4 49.1	67.6 46.6
687	R18Y_100_062a	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	1.0 0.5 0.375	69.5 26.4 30.5	40.4 49.1	9.3 36	1.0 0.13 0.0	51.7 56.1 43.4	71.0 37.7
688	R00Y_100_050a	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	1.0 0.5 0.5	70.7 26.4 21.0	33.8 38.5	8.6 383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
689	R26Y_100_050a	1.0 0.5 0.625	1.0 0.5 0.75	376	1.0 0.5 0.743	72.1								

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*Fe	rgb_Fe	ict_Fe	hsi_Fe	rgb*Fe	LabCh*Fe	rgb**Fe	LabCh**Fe	DE**Fe	hsi*Me	rgb*Me	LabCh*Me			
729	NW_100e	1.0 1.0 1.0	1.0 0.0 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	1.0 1.0 1.0	0.0 0.0 0.0	227.6 0.0 360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0	
730	G50B_100_012e	0.875 1.0 1.0	1.0 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	0.875 1.0 1.0	93.1 -3.0 -4.1	5.1 233.7 2.8	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
731	G50B_100_025e	0.75 1.0 1.0	1.0 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	0.75 1.0 1.0	89.4 -6.0 -8.6	10.5 234.7 5.4	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
732	G50B_100_037e	0.625 1.0 1.0	1.0 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	0.625 1.0 1.0	84.9 -9.4 -13.6	16.5 235.3 7.4	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
733	G50B_100_050e	0.5 1.0 1.0	1.0 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	0.5 1.0 1.0	79.6 -13.6 -19.7	24.0 235.3 8.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
734	G50B_100_062e	0.375 1.0 1.0	1.0 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	0.375 1.0 1.0	74.4 -17.7 -25.7	31.2 235.4 10.8	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
735	G50B_100_075e	0.25 1.0 1.0	1.0 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	0.25 1.0 1.0	68.6 -22.7 -32.5	39.7 235.0 12.6	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
736	G50B_100_087e	0.125 1.0 1.0	1.0 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	0.125 1.0 1.0	63.2 -26.8 -38.6	47.0 235.1 14.8	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
737	G50B_100_100e	0.0 1.0 1.0	1.0 1.0 1.0	1.0 0.5 0.5	210	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9	0.0 1.0 1.0	57.0 -31.9 -45.6	55.7 235.0 17.3	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
738	ROOY_100_012e	1.0 0.875 0.875	1.0 1.0 1.0	1.0 0.125 0.937	390	1.0 0.875 0.891	90.2 8.2 3.9	9.1 25.4	1.0 0.875 0.875	91.1 4.0 5.7	7.0 55.0 4.7	383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
739	NW_087e	0.875 0.875 0.875	0.875 0.0 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	0.875 0.875 0.875	91.0 -0.1 -0.5	0.5 258.7 4.4	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0
740	G50B_087_012e	0.75 0.875 0.875	0.875 0.125 0.812	1.0 0.875 0.875	210	0.75 0.875 0.839	81.6 -5.2 -3.9	6.5 216.9	0.75 0.875 0.875	87.6 -3.1 -4.6	5.6 235.8 6.4	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
741	G50B_087_025e	0.625 0.875 0.875	0.875 0.25 0.75	1.0 0.625 0.875	210	0.625 0.875 0.803	76.6 -10.4 -7.8	13.1 216.9	0.625 0.875 0.875	83.4 -6.3 -9.3	11.2 235.9 8.1	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
742	G50B_087_037e	0.5 0.875 0.875	0.875 0.375 0.687	1.0 0.5 0.875	210	0.5 0.875 0.767	71.6 -15.7 -11.8	19.6 216.9	0.5 0.875 0.875	78.0 -10.5 -15.4	18.6 235.7 9.0	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
743	G50B_087_050e	0.375 0.875 0.875	0.875 0.5 0.625	1.0 0.375 0.875	210	0.375 0.875 0.731	66.6 -20.9 -15.7	26.2 216.9	0.375 0.875 0.875	72.9 -14.5 -21.1	25.7 235.4 10.5	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
744	G50B_087_062e	0.25 0.875 0.875	0.875 0.625 0.562	1.0 0.25 0.875	210	0.25 0.875 0.695	61.6 -26.2 -19.7	32.8 216.9	0.25 0.875 0.875	66.8 -19.6 -28.2	34.4 235.1 11.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
745	G50B_087_075e	0.125 0.875 0.875	0.875 0.75 0.5	1.0 0.125 0.875	210	0.125 0.875 0.659	56.5 -31.4 -23.6	39.3 216.9	0.125 0.875 0.875	61.2 -24.2 -34.8	42.4 235.1 14.0	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
746	G50B_087_087e	0.0 0.875 0.875	0.875 0.875 0.437	1.0 0.0 0.875	210	0.0 0.875 0.623	51.5 -36.6 -27.6	45.9 216.9	0.0 0.875 0.875	55.2 -29.9 -41.9	51.5 234.5 16.2	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
747	ROOY_100_025e	1.0 0.75 0.75	1.0 0.25 0.875	0.875 0.75 0.875	390	1.0 0.75 0.782	84.2 16.5 7.9	18.3 25.4	1.0 0.75 0.75	84.1 10.5 11.3	15.4 47.2 6.9	383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
748	ROOY_087_012e	0.875 0.75 0.75	0.75 0.875 0.125	0.812 0.875 0.875	390	0.875 0.75 0.766	80.5 8.2 3.9	9.1 25.4	0.875 0.75 0.75	85.5 4.0 5.7	7.0 54.5 6.7	383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
749	NW_075e	0.75 0.75 0.75	0.75 0.0 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	0.75 0.75 0.75	83.2 -0.1 -1.1	1.1 262.6 6.4	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0
750	G50B_075_012e	0.625 0.75 0.75	0.75 0.125 0.687	1.0 0.625 0.75	210	0.625 0.75 0.714	71.9 -5.2 -3.9	6.5 216.9	0.625 0.75 0.75	79.4 -3.3 -5.4	6.4 238.1 7.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
751	G50B_075_025e	0.5 0.75 0.75	0.75 0.25 0.625	1.0 0.5 0.75	210	0.5 0.75 0.678	66.9 -10.4 -7.8	13.1 216.9	0.5 0.75 0.75	74.9 -6.8 -10.4	12.4 236.8 9.2	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
752	G50B_075_037e	0.375 0.75 0.75	0.75 0.375 0.562	1.0 0.375 0.75	210	0.375 0.75 0.642	61.8 -15.7 -11.8	19.6 216.9	0.375 0.75 0.75	69.4 -11.2 -16.6	20.0 236.1 10.0	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
753	G50B_075_050e	0.25 0.75 0.75	0.75 0.5 0.5	1.0 0.25 0.75	210	0.25 0.75 0.606	56.8 -20.9 -15.7	26.2 216.9	0.25 0.75 0.75	63.8 -15.8 -23.1	28.0 235.5 11.3	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
754	G50B_075_062e	0.125 0.75 0.75	0.75 0.625 0.437	1.0 0.125 0.75	210	0.125 0.75 0.57	51.8 -26.2 -19.7	32.8 216.9	0.125 0.75 0.75	57.4 -21.1 -30.3	36.9 235.1 13.0	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
755	G50B_075_075e	0.0 0.75 0.75	0.75 0.75 0.375	1.0 0.0 0.75	210	0.0 0.75 0.534	46.8 -31.4 -23.6	39.3 216.9	0.0 0.75 0.75	51.7 -26.4 -37.1	45.6 234.5 15.1	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
756	ROOY_100_037e	1.0 0.625 0.625	1.0 0.375 0.812	0.875 0.625 0.625	390	1.0 0.625 0.674	78.1 24.8 11.8	27.5 25.4	1.0 0.625 0.625	78.0 16.7 17.1	23.9 45.7 9.7	383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
757	ROOY_087_025e	0.875 0.625 0.625	0.875 0.25 0.75	0.875 0.625 0.625	390	0.875 0.625 0.657	74.4 16.5 7.9	18.3 25.4	0.875 0.625 0.625	78.0 11.2 11.6	16.1 46.0 7.4	383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
758	ROOY_075_012e	0.75 0.625 0.625	0.75 0.125 0.687	0.875 0.625 0.625	390	0.75 0.625 0.641	70.8 8.2 3.9	9.1 25.4	0.75 0.625 0.625	77.4 4.5 5.4	7.0 50.1 7.7	383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
759	NW_062e	0.625 0.625 0.625	0.625 0.0 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	0.625 0.625 0.625	76.0 -0.2 -1.4	1.5 261.9 8.9	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0
760	G50B_062_012e	0.5 0.625 0.625	0.625 0.125 0.562	1.0 0.5 0.625	210	0.5 0.625 0.589	62.1 -5.2 -3.9	6.5 216.9	0.5 0.625 0.625	71.6 -3.8 -6.3	7.4 239.1 9.9	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
761	G50B_062_025e	0.375 0.625 0.625	0.625 0.25 0.5	1.0 0.375 0.625	210	0.375 0.625 0.553	57.1 -10.4 -7.8	13.1 216.9	0.375 0.625 0.625	66.5 -7.7 -11.9	14.2 237.1 10.6	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
762	G50B_062_037e	0.25 0.625 0.625	0.625 0.375 0.437	1.0 0.25 0.625	210	0.25 0.625 0.517	52.1 -15.7 -11.8	19.6 216.9	0.25 0.625 0.625	61.1 -12.4 -18.3	22.1 235.9 11.5	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
763	G50B_062_050e	0.125 0.625 0.625	0.625 0.5 0.375	1.0 0.125 0.625	210	0.125 0.625 0.481	47.1 -20.9 -15.7	26.2 216.9	0.125 0.625 0.625	54.7 -17.8 -25.6	31.2 235.2 12.8	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
764	G50B_062_062e	0.0 0.625 0.625	0.625 0.625 0.312	1.0 0.0 0.625	210	0.0 0.625 0.445	42.1 -26.2 -19.7	32.8 216.9	0.0 0.625 0.625	48.3 -23.2 -32.8	40.2 234.7 14.8	193	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9
765	ROOY_100_050e	1.0 0.5 0.5	1.0 0.5 0.75	0.875 0.5 0.875	390	1.0 0.5 0.565	72.0 33.1 15.8	36.7 25.4	1.0 0.5 0.5	69.9 27.0 22.0	34.8 39.2 9.0	383	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
766	ROOY_087_037e	0.875 0.5 0.5	0.875 0.375 0.687	0.875 0.5 0.875	390	0.875 0.5 0.549	68.3 24.8 11.8	27.5 25.4	0.875 0.5 0.5	71.5 18.2 17.5	25.2 43.9 9.3	383	1.0 0.0 0.1		

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TUB registration: 20130201-SE15/SE15L0NP.PDF /PS
application for measurement of offset print output, separationcnymn6 (CMYK)
TUB material: code=rha4ta

n	HIC*Fe	rgb_Fe	ict_Fe	hsi_Fe	rgb*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DE**Fe	hsi_Me	rgb*Me	LabCh*Me
810	NW_100e	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	1.0 1.0 1.0	96.5 0.0 0.0	216.0 0.1 360	1.0 1.0 1.0	96.3 0.0 0.0
811	B00R_100_012e	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	0.875 0.875 1.0	88.8 2.6 -5.8	6.3 294.7 2.4	0.0 0.358 1.0	36.7 1.4 -46.6
812	B00R_100_025e	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	0.75 0.75 1.0	79.2 6.9 -11.8	13.7 300.4 6.9	0.0 0.358 1.0	36.7 1.4 -46.6
813	B00R_100_037e	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	0.625 0.625 1.0	70.2 9.8 -17.6	20.2 299.1 10.0	0.0 0.358 1.0	36.7 1.4 -46.6
814	B00R_100_050e	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	0.5 0.5 1.0	58.7 15.0 -24.7	28.9 301.3 16.4	0.0 0.358 1.0	36.7 1.4 -46.6
815	B00R_100_062e	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	0.375 0.375 1.0	48.9 18.6 -30.6	35.8 301.2 20.4	0.0 0.358 1.0	36.7 1.4 -46.6
816	B00R_100_075e	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	0.25 0.25 1.0	39.8 21.0 -36.7	42.3 299.7 23.2	0.0 0.358 1.0	36.7 1.4 -46.6
817	B00R_100_087e	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	0.125 0.125 1.0	31.0 24.9 -42.3	49.1 300.5 27.1	0.0 0.358 1.0	36.7 1.4 -46.6
818	B00R_100_100e	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	0.0 0.0 1.0	24.2 24.1 -47.5	53.2 296.8 25.9	0.0 0.358 1.0	36.7 1.4 -46.6
819	Y00G_100_012e	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	1.0 1.0 0.875	95.6 -1.7 7.9	8.1 102.7 2.9	83	1.0 0.868 0.0
820	NW_087e	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	0.875 0.875 0.875	91.1 0.0 -0.4	0.4 260.2 4.4	360	1.0 1.0 1.0
821	B00R_087_012e	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	0.75 0.75 0.875	83.1 2.5 -6.4	6.9 292.0 4.6	249	0.0 0.358 1.0
822	B00R_087_025e	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	0.625 0.625 0.875	72.9 7.4 -12.4	14.4 300.9 7.2	249	0.0 0.358 1.0
823	B00R_087_037e	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	0.5 0.5 0.875	62.4 10.1 -19.4	21.9 297.4 9.9	249	0.0 0.358 1.0
824	B00R_087_050e	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	0.375 0.375 0.875	51.5 15.2 -25.7	29.9 300.5 15.6	249	0.0 0.358 1.0
825	B00R_087_062e	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	0.25 0.25 0.875	40.8 19.2 -32.7	37.9 300.5 20.5	249	0.0 0.358 1.0
826	B00R_087_075e	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	0.125 0.125 0.875	31.1 23.3 -38.6	45.1 301.0 24.9	249	0.0 0.358 1.0
827	B00R_087_087e	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	0.0 0.0 0.875	23.9 23.3 -44.1	49.9 297.8 24.6	249	0.0 0.358 1.0
828	Y00G_100_025e	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	1.0 1.0 0.75	94.6 -3.2 16.6	16.9 101.1 5.0	83	1.0 0.868 0.0
829	Y00G_087_012e	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	0.875 0.875 0.75	90.2 -1.9 8.1	8.3 103.7 5.7	83	1.0 0.868 0.0
830	NW_075e	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	0.75 0.75 0.75	83.3 -0.1 -1.1	1.1 261.9 6.5	360	1.0 1.0 1.0
831	B00R_075_012e	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	0.625 0.625 0.75	74.5 3.0 -7.2	7.9 292.7 6.0	249	0.0 0.358 1.0
832	B00R_075_025e	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	0.5 0.5 0.75	63.9 7.4 -13.5	15.5 298.8 7.6	249	0.0 0.358 1.0
833	B00R_075_037e	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	0.375 0.375 0.75	52.6 11.8 -20.5	23.6 299.8 11.8	249	0.0 0.358 1.0
834	B00R_075_050e	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	0.25 0.25 0.75	42.0 16.3 -26.7	31.3 301.3 16.7	249	0.0 0.358 1.0
835	B00R_075_062e	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	0.125 0.125 0.75	31.5 20.3 -33.5	39.2 301.2 21.4	249	0.0 0.358 1.0
836	B00R_075_075e	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	0.0 0.0 0.75	23.3 22.0 -39.3	45.0 299.2 23.1	249	0.0 0.358 1.0
837	Y00G_100_037e	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	1.0 1.0 0.625	93.6 -4.5 26.0	26.4 100.0 6.4	83	1.0 0.868 0.0
838	Y00G_087_025e	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	0.875 0.875 0.625	89.2 -3.5 17.3	17.7 101.5 7.0	83	1.0 0.868 0.0
839	Y00G_075_012e	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	0.75 0.75 0.625	82.5 -2.1 7.8	8.1 105.3 7.6	83	1.0 0.868 0.0
840	NW_062e	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	0.625 0.625 0.625	76.1 -0.2 -1.5	1.5 261.4 9.0	360	1.0 1.0 1.0
841	B00R_062_012e	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	0.5 0.5 0.625	66.0 3.4 -8.2	8.9 292.4 7.4	249	0.0 0.358 1.0
842	B00R_062_025e	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	0.375 0.375 0.625	55.2 7.5 -14.6	16.4 297.1 8.3	249	0.0 0.358 1.0
843	B00R_062_037e	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	0.25 0.25 0.625	43.7 12.1 -21.3	24.5 299.7 12.3	249	0.0 0.358 1.0
844	B00R_062_050e	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	0.125 0.125 0.625	32.1 17.0 -28.5	33.2 300.8 17.9	249	0.0 0.358 1.0
845	B00R_062_062e	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	0.0 0.0 0.625	22.7 20.0 -34.8	40.2 299.9 21.2	249	0.0 0.358 1.0
846	Y00G_100_050e	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	1.0 1.0 0.5	92.4 -5.8 36.9	37.3 99.0 6.7	83	1.0 0.868 0.0
847	Y00G_087_037e	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	0.875 0.875 0.5	88.2 -5.0 27.6	28.0 100.3 7.8	83	1.0 0.868 0.0
848	Y00G_075_025e	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	0.75 0.75 0.5	81.4 -3.8 17.5	17.9 102.2 8.5	83	1.0 0.868 0.0
849	Y00G_062_012e	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	0.625 0.625 0.5	75.1 -2.3 7.8	8.2 106.4 9.9	83	1.0 0.868 0.0
850	NW_050e	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	0.5 0.5 0.5	67.9 -0.2 -1.8	1.9 261.9 10.6	360	1.0 1.0 1.0
851	B00R_050_012e	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	0.375 0.375 0.5	57.0 4.2 -8.8	9.8 295.7 8.6	249	0.0 0.358 1.0
852	B00R_050_025e	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	0.25 0.25 0.5	45.0 8.3 -15.9	18.0 297.5 9.4	249	0.0 0.358 1.0
853	B00R_050_037e	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	0.125 0.125 0.5	33.1 13.9 -23.1	27.0 301.1 14.7	249	0.0 0.358 1.0
854	B00R_050_050e	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	0.0 0.0 0.5	22.6 18.0 -29.7	34.8 301.2 19.1	249	0.0 0.358 1.0
855	Y00G_100_062e	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	1.0 1.0 0.375	91.3 -6.8 49.1	49.6 97.9 6.0	83	1.0 0.868 0.0
856	Y00G_087_050e	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	0.875 0.875 0.375	87.0 -6.2 39.3	39.8 99.0 7.9	83	1.0 0.868 0.0
857	Y00G_075_037e	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	0.75 0.75 0.375	80.4 -5.4 28.9	29.4 100.6 9.0	83	1.0 0.868 0.0
858	Y00G_062_025e	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	0.625 0.625 0.375	73.9 -4.1 18.6	19.1 102.6 10.3	83	1.0 0.868 0.0
859	Y00G_050_012e	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	0.5 0.5 0.375	67.0 -2.6 8.8	9.2 106.8 11.3	83	1.0 0.868 0.0
860	NW_037e	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	0.375 0.375 0.375	59.5 -0.3 -2.1	2.1 260.6 12.0	360	1.0 1.0 1.0
861	B00R_037_012e	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	0.25 0.25 0.375	47.2 4.7 -9.7	10.8 295.7 9.1	249	0.0 0.358 1.0
862	B00R_037_025e	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	0.125 0.125 0.375	35.4 9.0 -16.7	19.0 298.5 10.4	249	0.0 0.358 1.0
863	B00R_037_037e	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	0.0 0.0 0.375	23.3 14.8 -23.9	28.1 301.7 15.8	249	0.0 0.358 1.0
864	Y00G_100_075e	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	62.7 92.3	1.0 1.0 0.25	90.3 -7.6 61.9	62.4 97.0 5.7	83	1.0 0.868 0.0
865	Y00G_087_062e	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	0.875 0.875 0.25	85.8 -7.3 52.8	53.3 97.8 8.1	83	1.0 0.

http://130.149.60.45/~farbmetrik/SE15/SE15L0NP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 31/33

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/SE15L0NP.PDF /PS
application for measurement of offset print output, separationcnymn6 (CMYK)

TUB material: code=rh4ta

n	HIC*Fe	rgb_Fe	ict_Fe	hsi_Fe	rgb*Fe	LabCh*Fe	rgb**Fe	LabCh**Fe	DE**Fe	hsiMe	rgb*Me	LabCh*Me		
891	NW_100e	1.0 1.0 1.0	1.0 0.0 1.0	1.0 360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0	96.4 0.0 0.0	0.0 207.2 0.0	0.0 360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0
892	B50R_100_012e	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	1.0 0.875 1.0	91.9 5.7 -1.8	6.0 342.2 3.8	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
893	B50R_100_025e	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	1.0 0.75 1.0	86.0 13.3 -3.6	13.8 344.4 6.4	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
894	B50R_100_037e	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	1.0 0.625 1.0	80.5 20.7 -5.3	21.4 345.6 9.6	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
895	B50R_100_050e	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	1.0 0.5 1.0	72.8 31.7 -7.1	32.5 347.3 12.7	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
896	B50R_100_062e	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	1.0 0.375 1.0	66.0 41.9 -8.1	42.7 349.0 17.2	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
897	B50R_100_075e	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	1.0 0.25 1.0	59.4 52.7 -8.4	53.4 350.8 22.8	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
898	B50R_100_087e	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	1.0 0.125 1.0	52.4 65.2 -8.3	65.7 352.6 29.8	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
899	B50R_100_100e	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	1.0 0.0 1.0	47.2 75.2 -7.1	75.5 354.5 36.4	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
900	GO0B_100_012e	0.875 1.0 0.875	1.0 0.125 0.937	150	0.875 1.0 0.875	90.7 -8.6 2.7	9.0 162.2	0.875 1.0 0.875	92.2 -4.9 3.7	6.2 142.9 4.0	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
901	NW_087e	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	0.875 0.875 0.875	91.0 0.0 -0.4	0.4 260.7 4.4	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0
902	B50R_087_012e	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	0.875 0.75 0.875	86.5 5.8 -2.3	6.3 337.9 7.6	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
903	B50R_087_025e	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	0.875 0.625 0.875	79.8 14.3 -4.4	15.0 342.9 9.3	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
904	B50R_087_037e	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	0.875 0.5 0.875	73.9 22.3 -5.8	23.1 345.2 12.2	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
905	B50R_087_050e	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	0.875 0.375 0.875	66.1 33.4 -7.4	34.3 347.4 15.4	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
906	B50R_087_062e	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	0.875 0.25 0.875	58.1 46.0 -8.5	46.8 349.5 20.7	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
907	B50R_087_075e	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	0.875 0.125 0.875	51.0 58.4 -8.5	59.1 351.6 27.4	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
908	B50R_087_087e	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	0.875 0.0 0.875	44.8 70.2 -7.8	70.6 353.5 34.5	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
909	GO0B_100_025e	0.75 1.0 0.75	1.0 0.25 0.875	150	0.75 1.0 0.75	85.2 -17.2 5.5	18.1 162.2	0.75 1.0 0.75	87.3 -9.9 7.4	12.3 143.1 7.8	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
910	GO0B_087_012e	0.75 0.875 0.75	0.875 0.125 0.812	150	0.75 0.875 0.75	81.0 -8.6 2.7	9.0 162.2	0.75 0.875 0.75	86.7 -5.3 3.6	6.4 145.3 6.6	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
911	NW_075e	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	0.75 0.75 0.75	83.5 -0.1 -1.0	1.0 261.1 6.7	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0
912	B50R_075_012e	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	0.75 0.625 0.75	78.4 6.3 -3.0	7.0 334.1 9.2	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
913	B50R_075_025e	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	0.75 0.5 0.75	71.7 14.7 -4.8	15.5 341.6 10.7	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
914	B50R_075_037e	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	0.75 0.375 0.75	64.2 24.9 -6.7	25.8 344.8 12.9	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
915	B50R_075_050e	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	0.75 0.25 0.75	56.2 37.0 -7.9	37.8 347.8 17.3	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
916	B50R_075_062e	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	0.75 0.125 0.75	48.6 49.4 -8.4	50.1 350.3 23.3	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
917	B50R_075_075e	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	0.75 0.0 0.75	42.1 61.9 -8.3	62.5 352.3 30.5	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
918	GO0B_100_037e	0.625 1.0 0.625	1.0 0.375 0.812	150	0.625 1.0 0.625	79.6 -25.9 8.3	27.2 162.2	0.625 1.0 0.625	81.9 -15.7 10.8	19.1 145.4 10.7	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
919	GO0B_087_025e	0.625 0.875 0.625	0.875 0.25 0.75	150	0.625 0.875 0.625	75.4 -17.2 5.5	18.1 162.2	0.625 0.875 0.625	81.6 -10.7 7.4	13.0 145.1 9.1	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
920	GO0B_075_012e	0.625 0.75 0.625	0.75 0.125 0.687	150	0.625 0.75 0.625	71.3 -8.6 2.7	9.0 162.2	0.625 0.75 0.625	78.9 -5.6 3.2	6.4 149.8 8.2	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
921	NW_062e	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	0.625 0.625 0.625	76.6 -0.2 -1.4	1.5 261.2 9.5	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0
922	B50R_062_012e	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	0.625 0.5 0.625	70.3 7.0 -3.6	7.9 332.9 10.9	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
923	B50R_062_025e	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	0.625 0.375 0.625	63.6 15.7 -5.4	16.6 341.0 12.4	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
924	B50R_062_037e	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	0.625 0.25 0.625	55.4 27.4 -7.0	28.3 345.5 14.9	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
925	B50R_062_050e	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	0.625 0.125 0.625	46.9 40.7 -8.0	41.5 348.8 20.2	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
926	B50R_062_062e	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	0.625 0.0 0.625	39.6 54.2 -8.0	54.8 351.5 27.7	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
927	GO0B_100_050e	0.5 1.0 0.5	1.0 0.5 0.75	150	0.5 1.0 0.5	74.0 -34.5 11.0	36.3 162.2	0.5 1.0 0.5	75.7 -22.9 13.7	26.7 149.0 12.0	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
928	GO0B_087_037e	0.5 0.875 0.5	0.875 0.375 0.687	150	0.5 0.875 0.5	69.9 -25.9 8.3	27.2 162.2	0.5 0.875 0.5	75.1 -17.9 10.1	20.5 150.5 9.7	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
929	GO0B_075_025e	0.5 0.75 0.5	0.75 0.25 0.625	150	0.5 0.75 0.5	60.7 -17.2 5.5	18.1 162.2	0.5 0.75 0.5	73.3 -11.5 7.0	13.5 148.6 9.6	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
930	GO0B_062_012e	0.5 0.625 0.5	0.625 0.125 0.562	150	0.5 0.625 0.5	61.6 -8.6 2.7	9.0 162.2	0.5 0.625 0.5	71.3 -6.1 2.7	6.7 156.2 10.0	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
931	NW_050e	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	0.5 0.5 0.5	68.5 -0.2 -1.8	1.8 261.0 11.2	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0
932	B50R_050_012e	0.5 0.375 0.5	0.5 0.125 0.437	330	0.427 0.375 0.5	49.7 6.								

http://130.149.60.45/~farbmetrik/SE15/SE15L0NP.PDF /.PS; transfer output

N: no 3D-linearization (OL) in file (F) or PS-startup (S), 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*Fe				rgb_Fe				ict_Fe				hsi_Fe				rgb*Fe				LabCh*Fe								rgb*Fe				LabCh*Fe				DE**Fe				hsiMe	rgb*Me				LabCh*Me																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
972	NW_000e	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

http://130.149.60.45/~farbmetrik/SE15/SE15L0NP.PDF /.PS; transfer output

N: no 3D-linearization (OL) in file (F) or PS-startup (S), 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/SE15L0NP.PDF /.PS
application for measurement of offset print output, separationcnmy6 (CMYK) TUB material: code=rha4ta

n	HIC*Fe	rgb_Fe		ict_Fe		hsi_Fe		rgb*Fe		LabCh*Fe		rgb**Fe		LabCh**Fe		DE**Fe		hsiM,e	rgb*Me		LabCh*Me													
1053	NW_086e	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	0.0	0.866	0.866	0.866	91.0	0.0	-0.5	0.5	264.4	5.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1054	NW_093e	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	0.0	0.933	0.933	0.933	93.5	0.0	-0.3	0.3	271.8	2.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1055	NW_100e	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	1.0	1.0	1.0	96.3	0.0	-0.1	0.1	284.8	0.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1056	NW_000e	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	0.0	19.2	0.0	0.0	0.0	6.0	0.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1057	NW_006e	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	0.0	0.066	0.066	0.066	24.0	0.0	-0.5	0.5	260.1	0.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1058	NW_013e	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	0.133	0.133	0.133	33.3	-0.3	-1.5	1.5	258.6	4.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1059	NW_020e	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	0.2	0.2	0.2	42.5	-0.3	-2.0	2.0	259.3	8.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1060	NW_026e	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	0.266	0.266	0.266	48.9	-0.3	-2.2	2.2	260.4	9.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1061	NW_033e	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	0.333	0.333	0.333	55.2	-0.3	-2.2	2.3	260.3	11.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1062	NW_040e	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	0.4	0.4	0.4	60.4	-0.3	-2.1	2.2	261.8	11.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1063	NW_046e	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	0.466	0.466	0.466	65.1	-0.2	-2.0	2.0	261.9	10.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1064	NW_053e	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	0.0	0.533	0.533	0.533	70.0	-0.2	-1.9	1.9	262.3	10.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1065	NW_060e	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	0.6	0.6	0.6	74.7	-0.2	-1.6	1.6	262.4	9.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1066	NW_066e	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	0.666	0.666	0.666	78.8	-0.1	-1.4	1.4	262.5	8.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1067	NW_073e	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	0.734	0.734	0.734	82.8	-0.1	-1.2	1.2	262.2	7.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1068	NW_080e	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	0.8	0.8	0.8	86.6	0.0	-0.9	0.9	264.2	5.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1069	NW_086e	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	0.0	0.866	0.866	0.866	90.9	0.0	-0.6	0.6	268.4	5.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1070	NW_093e	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	0.0	0.933	0.933	0.933	93.4	0.0	-0.3	0.3	272.6	2.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1071	NW_100e	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	1.0	1.0	1.0	96.3	0.0	0.0	0.0	289.1	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1072	NW_000e	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	0.0	20.7	0.1	0.3	0.3	65.1	2.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1073	NW_100e	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	1.0	1.0	1.0	96.6	0.0	0.0	0.0	196.8	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1074	R00Y_100_100e	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	1.0	0.0	0.0	45.6	67.7	39.1	78.2	30.0	7.8	383	1.0	0.0	0.131	47.6	66.3	31.6	73.4	25.4
1075	G50B_100_100e	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	0.0	1.0	0.0	56.4	-31.6	-46.1	55.9	235.5	17.8	193	0.0	1.0	0.712	56.3	-41.9	-31.5	52.4	216.9
1076	Y00G_100_100e	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	1.0	1.0	0.0	87.9	-7.9	89.2	89.6	95.0	7.7	83	1.0	0.868	0.0	85.1	-3.3	83.7	83.7	92.3
1077	B00R_100_100e	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	0.0	0.0	1.0	23.1	24.3	-46.5	52.5	297.6	26.6	249	0.0	0.358	1.0	36.7	1.4	-46.6	46.6	271.7
1078	G00B_100_100e	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	0.0	1.0	0.0	48.7	-69.8	21.6	73.1	162.7	3.1	150	0.0	1.0	0.011	51.7	-69.1	22.1	72.6	162.2
1079	B50R_100_100e	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	1.0	0.0	1.0	45.8	75.8	-5.0	76.0	356.2	37.8	294	0.42	0.0	1.0	34.9	50.0	-30.5	58.6	328.6

Mean color difference of this page:

delta E* = 8.0

1-0133230-F0

SE150-7N, Page 33/33-F

TUB-test chart SE15; 1080 colours, offset standard paper
colours and differences, ΔE^* , 3D=0, de=1, *cmYk*input: *rgb/cmyk* -> *rgb_e*
output: transfer to *cmYk_e*

1-0133230-F0