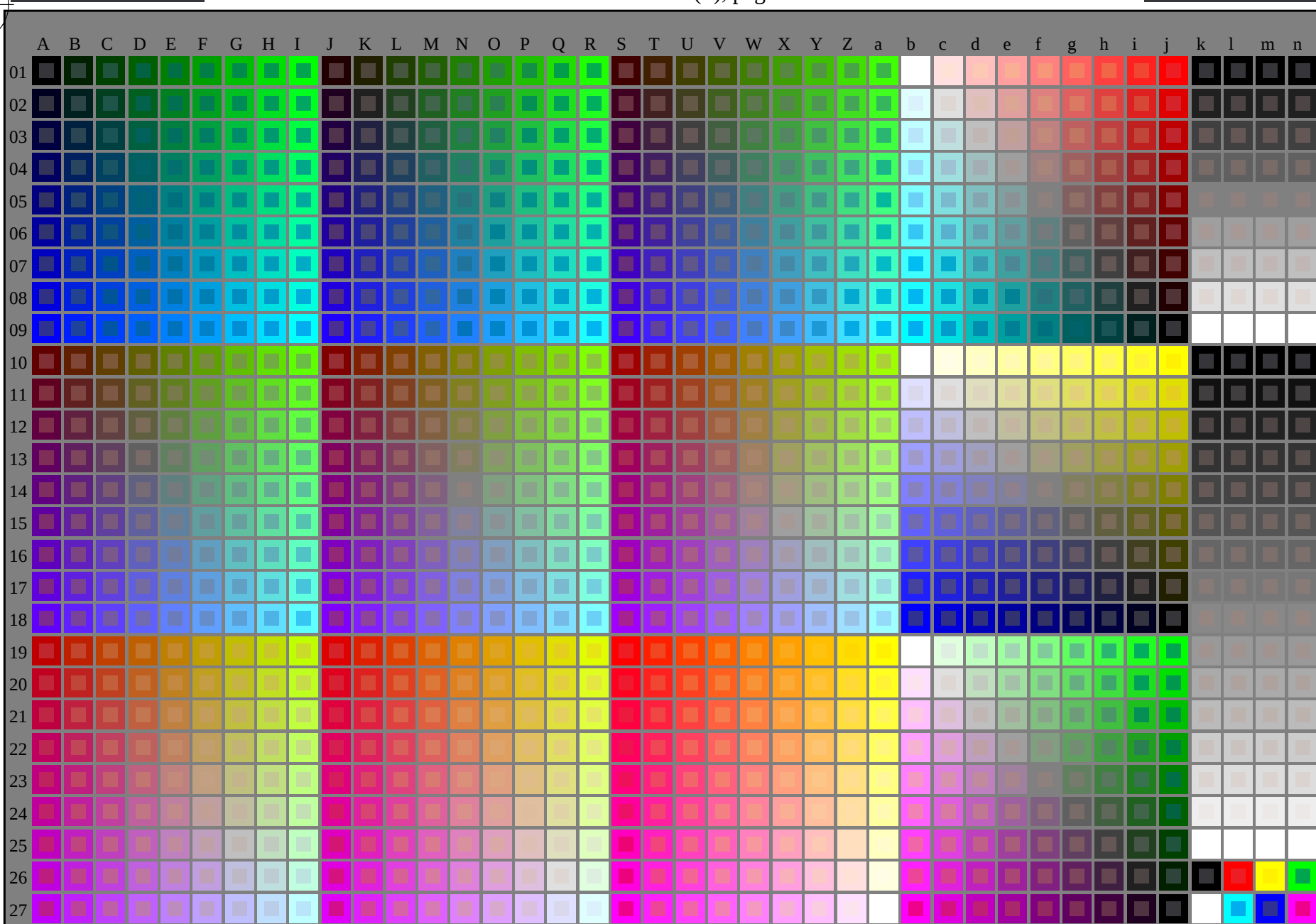


see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE15/SE15L0FA.TXT /.PS
application for measurement of offset print output

TUB material: code=rha4ta



1-113030-L0

SE150-7N

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

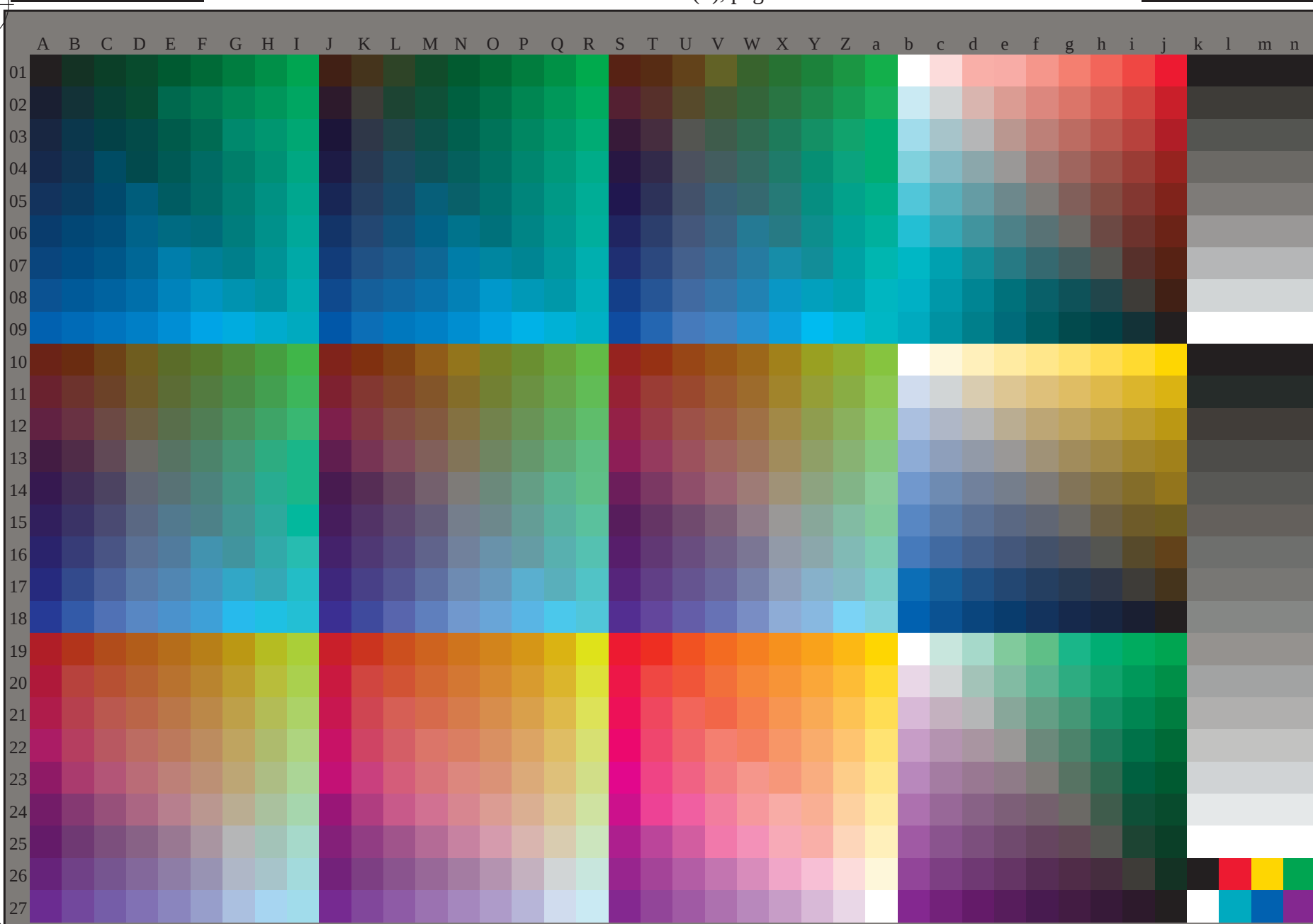
TUB-test chart SE15; 1080 colours, offset standard paper
Test chart according to DIN 33872

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

http://130.149.60.45/~farbmetrik/SE15/SE15L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FA.DAT in file (F), 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/SE15L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of offset print output, separationcmykn6* (CMYK)



1-113130-L0

SE150-73

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

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

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

1-113130-F0

C

M

Y

O

L

V

C

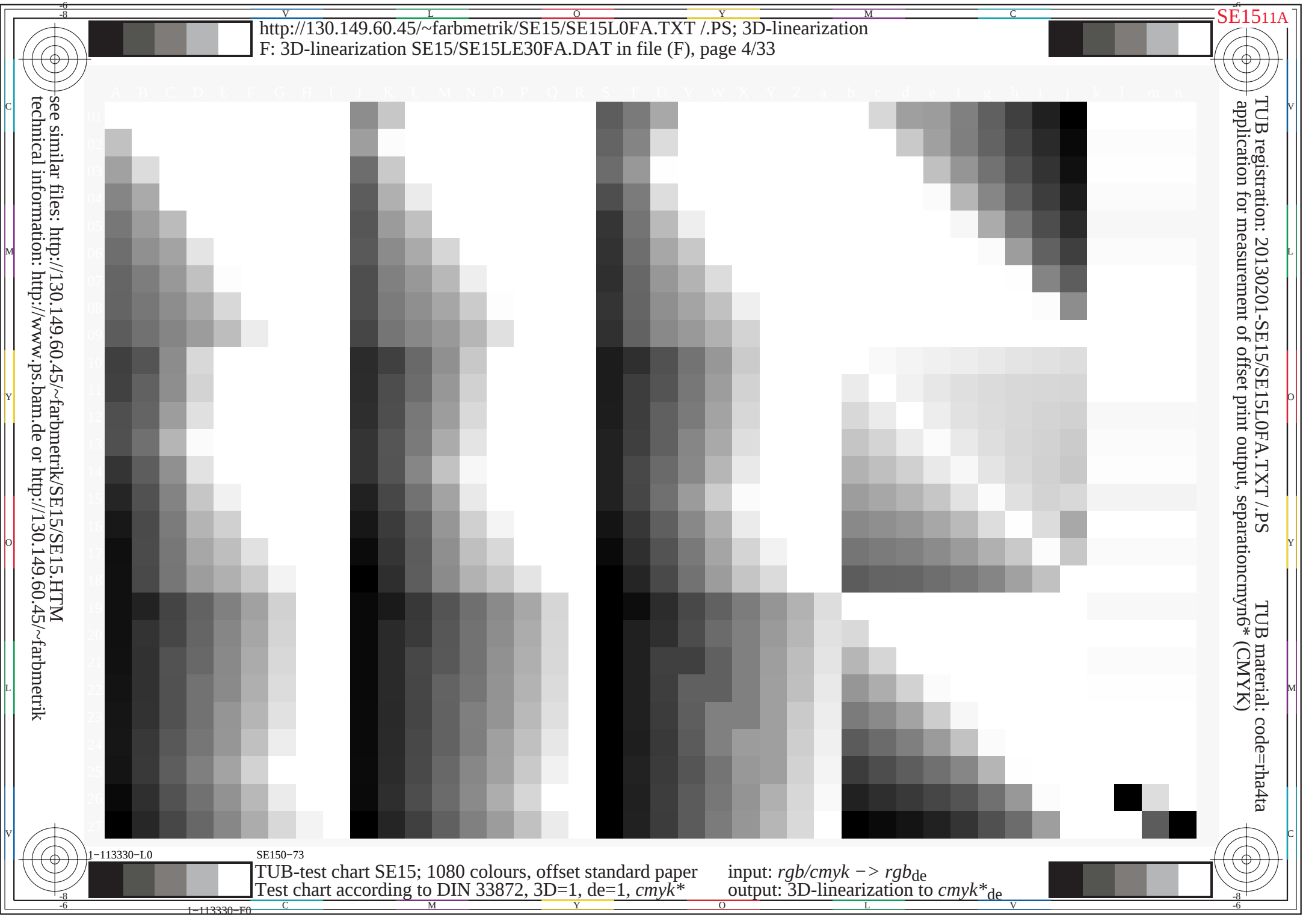
TUB material: code=rh4ta
yn6* (CMYK)

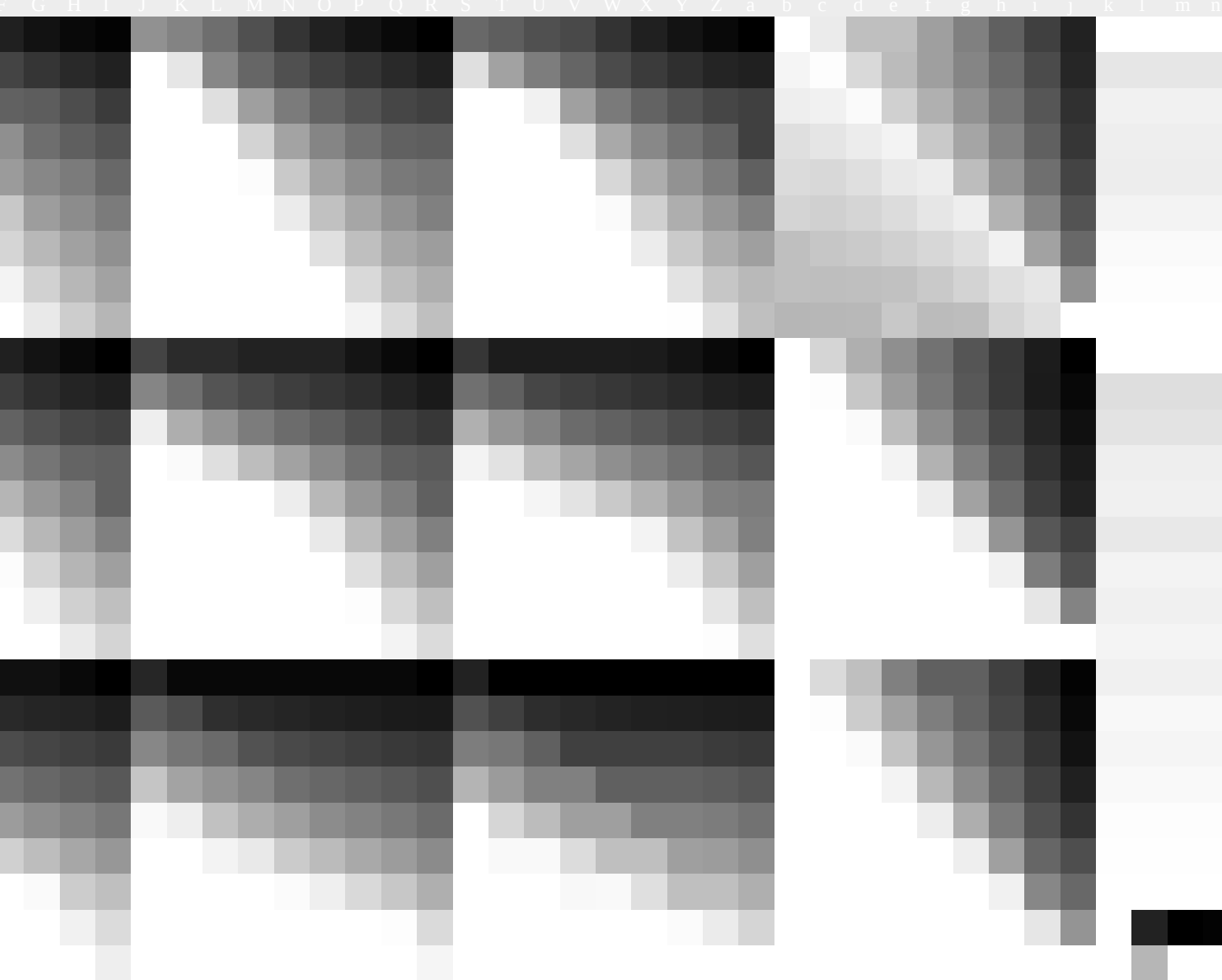
SE150-73
TUB-test chart SE15; 1080 colours, offset standard paper
Test chart according to DIN 33872, 3D=1, de=1, *cmYK**

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

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>







TUB registration: 20130201-SE15/SE15L0FA.TXT /.PS
 application for measurement of offset print output, separationcmyn6* (CMYK)

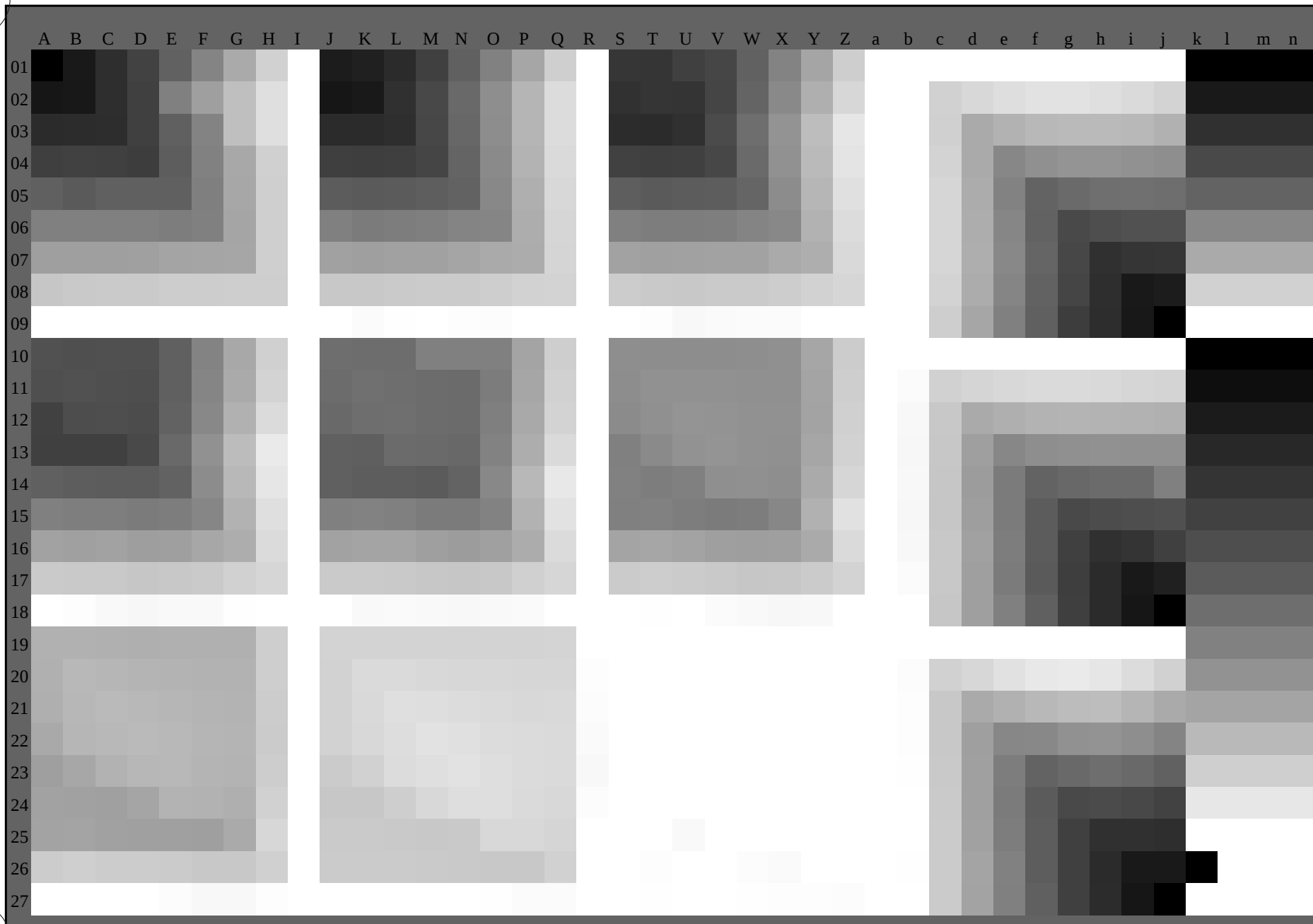
TUB material: code=rha4ta

1-113430-L0 SE150-73
 TUB-test chart SE15; 1080 colours, offset standard paper
 Test chart according to DIN 33872, 3D=1, de=1, *cmYk**

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

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

TUB registration: 20130201-SE15/SE15L0FA.TXT /.PS
 application for measurement of offset print output, separationcmykn6* (CMYK)
 TUB material: code=rha4ta



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

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



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

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

$J=Y_d$ Yellow

$LCH^*_d = 89.4 \ 89.6 \ 96.0$

$LAB^*_d = 89.4 \ -9.5 \ 89.0$

$rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$ leaf-green

$LCH^*_d = 51.6 \ 73.1 \ 161.6$

$LAB^*_d = 51.6 \ -69.3 \ 23.0$

$rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$ cyan-blue

$LCH^*_d = 57.8 \ 55.3 \ 234.6$

$LAB^*_d = 57.8 \ -31.9 \ -45.1$

$rgb^*_d = 0.0 \ 1.0 \ 1.0$

$O=R_d$ orange-red

$LCH^*_d = 47.5 \ 76.0 \ 30.4$

$LAB^*_d = 47.5 \ 65.5 \ 38.4$

$rgb^*_d = 1.0 \ 0.0 \ 0.0$

$M=M_d$ magenta-red

$LCH^*_d = 48.2 \ 74.7 \ 353.2$

$LAB^*_d = 48.2 \ 74.2 \ -8.7$

$rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$ violet-blue

$LCH^*_d = 24.9 \ 53.0 \ 295.6$

$LAB^*_d = 24.9 \ 22.9 \ -47.8$

$rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e yellow

$LCH^*_e = 85.1 \ 83.7 \ 92.3$

$LAB^*_e = 85.1 \ -3.3 \ 83.7$

$rgb^*_{de} = 1.0 \ 0.868 \ 0.0$

G_e green

$LCH^*_e = 51.7 \ 72.6 \ 162.2$

$LAB^*_e = 51.7 \ -69.1 \ 22.1$

$rgb^*_{de} = 0.0 \ 1.0 \ 0.011$

C_e blue-green

$LCH^*_e = 56.3 \ 52.4 \ 216.9$

$LAB^*_e = 56.3 \ -41.9 \ -31.5$

$rgb^*_{de} = 0.0 \ 1.0 \ 0.712$

B_e blue

$LCH^*_e = 36.7 \ 46.6 \ 271.7$

$LAB^*_e = 36.7 \ 1.4 \ -46.6$

$rgb^*_{de} = 0.0 \ 0.358 \ 1.0$

R_e red

$LCH^*_e = 47.6 \ 73.4 \ 25.4$

$LAB^*_e = 47.6 \ 66.3 \ 31.6$

$rgb^*_{de} = 1.0 \ 0.0 \ 0.131$

M_e blue-red

$LCH^*_e = 34.9 \ 58.6 \ 328.6$

$LAB^*_e = 34.9 \ 50.0 \ -30.5$

$rgb^*_{de} = 0.42 \ 0.0 \ 1.0$

Y_s yellow

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

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

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

G_s green

$LCH^*_s = 56.4 \ 65.7 \ 150.0$

$LAB^*_s = 56.4 \ -56.9 \ 32.8$

$rgb^*_{ds} = 0.117 \ 1.0 \ 0.0$

R_s red

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

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

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

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

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

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

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

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

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

5. For any elementary hue angle $h_{ab,e}$ there is a well defined device hue angle $h_{ab,d}$ see the following tables, columns 1 to 5 or 1 to 4.

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

1-113630-L0

SE150-73

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

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

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

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

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

1-113630-F0

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

TUB registration: 20130201-SE15/SE15L0FA.TXT /.PS
application for measurement of offset print output, separation cmy6* (CMYK)

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmycn6*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM₆: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours RYGBM_d: $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; Six hue angles of the elementary colours RYGBM_e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$			$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}					LAB^*_{ddx64M} (x=LabCh)					$rgb^*_{ddx361M}$					$LAB^*_{ddx361M}$ (x=LabCh)					$rgb^*_{dsx361M}$					$LAB^*_{dsx361M}$ (x=LabCh)					$rgb^*_{dex361M}$					$LAB^*_{dex361M}$				
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	111										
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	121										
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	133										
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	153										
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	163										
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	173										
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	181										
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	193										
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	205										
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	210										
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	46.5	270	0.0	0.358	1.0	36.7	1.4	-46.5	46.7	273										
305.9	277.5	278.8	0.125	0.0	1.0	27.8	31.4	-43.4	53.6	305.9	0.117	0.0	1.0	27.7	30.9	-43.7	53.6	305	0.0	0.291	1.0	34.3	5.8	-46.9	47.4	277	0.0	0.274	1.0	33.7	6.9	-47.0	47.6	278										
311.7	285.0	285.9	0.25	0.0	1.0	29.9	36.0	-40.4	54.1	311.7	0.25	0.0	1.0	30.0	36.1	-40.3	54.2	311	0.0	0.185	1.0	30.4	12.7	-47.4	49.2	285	0.0	0.172	1.0	29.9	13.6	-47.5	49.5	286										
325.9	292.5	293.0	0.375	0.0	1.0	33.7	47.7	-32.2	57.5	325.9	0.367	0.0	1.0	33.5	47.0	-32.8	57.4	325	0.0	0.073	1.0	26.8	19.3	-47.7	51.6	292	0.0	0.061	1.0	26.5	19.9	-47.7	51.8	293										
333.2	300.0	300.1	0.5	0.0	1.0	37.0	53.9	-27.1	60.4	333.2	0.5	0.0	1.0	37.1	54.0	-27.1	60.4	333	0.053	0.0	1.0	26.2	26.7	-46.1	53.3	300	0.055	0.0	1.0	26.3	26.8	-46.0	53.3	300										
339.6	307.5	307.2	0.625	0.0	1.0	40.2	59.7	-22.1	63.7	339.6	0.617	0.0	1.0	40.0	59.4	-22.4	63.5	339	0.148	0.0	1.0	28.3	32.4	-42.8	53.8	307	0.144	0.0	1.0	28.2	32.2	-42.9	53.7	308										
346.7	315.0	314.3	0.75	0.0	1.0	43.3	66.7	-15.7	68.5	346.7	0.75	0.0	1.0	43.3	66.8	-15.6	68.6	346	0.279	0.0	1.0	30.8	38.9	-38.8	55.0	315	0.273	0.0	1.0	30.7	38.3	-39.1	54.8	31										

1-113730-L0

SE150-73

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

Output: Offset standard print; separation cmycn6*, D65, page 8/33

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

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

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

1-113730-F0

TUB registration: 20130201-SE15/SE15L0FA.TXT /.PS
application for measurement of offset print output, separation cmycn6* (CMYK)

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmy6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_d$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
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^*_{dd64M}	$LAB^*_{dd64M} (x=LabCh)$	$rgb^*_{dex361M}$	$LAB^*_{dex361M}$	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/SE15L0FA.TXT /.PS
application for measurement of offset print output, separation cmy6* (CMYK)

TUB material: code=rh4ta

1-113830-L0

SE150-73

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

Output: Offset standard print; separation cmy6*, D65, page 9/33

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

1-113830-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 $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
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}	$LAB^*_{ddx361Mi}(x=LabCh)$	R_d	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	R_s	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	R_e	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
30	30	25	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30	1.0	0.0	0.0	0.0	0.0
31	31	26	1.0	0.016	0.0	48.0	64.4	39.2	75.4	31	1.0	0.017	0.0		
32	32	27	1.0	0.033	0.0	48.5	63.2	39.8	74.7	32	1.0	0.033	0.0		
33	33	28	1.0	0.05	0.0	49.1	62.0	40.5	74.1	33	1.0	0.05	0.0		
34	34	29	1.0	0.066	0.0	49.6	60.8	41.1	73.4	34	1.0	0.067	0.0		
34	35	31	1.0	0.083	0.0	50.2	59.6	41.7	72.8	34	1.0	0.083	0.0		
35	36	32	1.0	0.1	0.0	50.7	58.4	42.3	72.1	35	1.0	0.1	0.0		
36	37	33	1.0	0.116	0.0	51.2	57.2	42.8	71.5	36	1.0	0.117	0.0		
37	38	34	1.0	0.133	0.0	51.8	55.9	43.6	70.9	37	1.0	0.133	0.0		
39	39	35	1.0	0.15	0.0	52.5	54.5	44.5	70.4	39	1.0	0.15	0.0		
40	40	36	1.0	0.166	0.0	53.2	53.1	45.5	69.9	40	1.0	0.167	0.0		
41	41	37	1.0	0.183	0.0	53.9	51.7	46.3	69.4	41	1.0	0.183	0.0		
43	42	38	1.0	0.2	0.0	54.5	50.2	47.2	68.9	43	1.0	0.2	0.0		
44	43	39	1.0	0.216	0.0	55.2	48.7	48.0	68.4	44	1.0	0.217	0.0		
45	44	41	1.0	0.233	0.0	55.9	47.3	48.7	67.9	45	1.0	0.233	0.0		
47	45	42	1.0	0.25	0.0	56.6	45.8	49.4	67.4	47	1.0	0.25	0.0		
48	46	43	1.0	0.266	0.0	57.3	44.3	50.5	67.2	48	1.0	0.267	0.0		
50	47	44	1.0	0.283	0.0	58.1	42.8	51.5	67.0	50	1.0	0.283	0.0		
51	48	45	1.0	0.3	0.0	58.9	41.4	52.5	66.9	51	1.0	0.3	0.0		
53	49	46	1.0	0.316	0.0	59.6	39.8	53.5	66.7	53	1.0	0.317	0.0		
54	50	47	1.0	0.333	0.0	60.4	38.3	54.3	66.5	54	1.0	0.333	0.0		
56	51	48	1.0	0.35	0.0	61.2	36.7	55.2	66.3	56	1.0	0.35	0.0		
57	52	49	1.0	0.366	0.0	62.0	35.2	56.0	66.2	57	1.0	0.367	0.0		
59	53	51	1.0	0.383	0.0	62.7	33.7	56.9	66.2	59	1.0	0.383	0.0		
60	54	52	1.0	0.4	0.0	63.5	32.4	57.9	66.3	60	1.0	0.4	0.0		
62	55	53	1.0	0.416	0.0	64.2	31.1	58.8	66.5	62	1.0	0.417	0.0		
63	56	54	1.0	0.433	0.0	65.0	29.7	59.7	66.7	63	1.0	0.433	0.0		
64	57	55	1.0	0.45	0.0	65.8	28.3	60.6	66.9	64	1.0	0.45	0.0		
66	58	56	1.0	0.466	0.0	66.5	26.9	61.4	67.0	66	1.0	0.467	0.0		
67	59	57	1.0	0.483	0.0	67.3	25.4	62.2	67.2	67	1.0	0.483	0.0		
69	60	58	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69	1.0	0.5	0.0		
70	61	60	1.0	0.516	0.0	69.0	22.5	64.2	68.1	70	1.0	0.517	0.0		
72	62	61	1.0	0.533	0.0	69.9	21.1	65.5	68.8	72	1.0	0.533	0.0		
73	63	62	1.0	0.55	0.0	70.8	19.6	66.6	69.5	73	1.0	0.55	0.0		
75	64	63	1.0	0.566	0.0	71.7	18.0	67.8	70.1	75	1.0	0.567	0.0		
76	65	64	1.0	0.583	0.0	72.6	16.4	68.9	70.8	76	1.0	0.583	0.0		
78	66	65	1.0	0.6	0.0	73.6	14.7	70.0	71.5	78	1.0	0.6	0.0		
79	67	66	1.0	0.616	0.0	74.5	13.0	71.0	72.2	79	1.0	0.617	0.0		
80	68	67	1.0	0.633	0.0	75.3	11.6	72.0	72.9	80	1.0	0.633	0.0		
81	69	68	1.0	0.65	0.0	76.0	10.5	72.9	73.6	81	1.0	0.65	0.0		
82	70	70	1.0	0.666	0.0	76.8	9.4	73.8	74.4	82	1.0	0.667	0.0		
83	71	71	1.0	0.683	0.0	77.5	8.3	74.7	75.1	83	1.0	0.683	0.0		
84	72	72	1.0	0.7	0.0	78.3	7.1	75.5	75.9	84	1.0	0.7	0.0		
85	73	73	1.0	0.716	0.0	79.0	5.9	76.4	76.6	85	1.0	0.717	0.0		
86	74	74	1.0	0.733	0.0	79.8	4.7	77.2	77.3	86	1.0	0.733	0.0		
87	75	75	1.0	0.75	0.0	80.5	3.4	78.0	78.1	87	1.0	0.75	0.0		

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

Output: Offset standard print; separation cmy6*, D65, page 10/33

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

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

TUB registration: 20130201-SE15/SE15L0FA.TXT /.PS
application for measurement of offset print output, separation cmy6* (CMYK)
TUB material: code=rha4ta

$h_{ab,d}$	$h_{ab,s}$	$rgb^*_{dd361MI}$	LAB^*_{d361MI} (x=LabCh)	$rgb^*_{ds361MI}$	$LAB^*_{ds361MI}$ (x=LabCh)	$rgb^*_{dd361MI}$	$rgb^*_{ds361MI}$	LAB^*_{d361MI} (x=LabCh)	$rgb^*_{dd361MI}$	$rgb^*_{ds361MI}$
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
88	76	76	1.0 0.766 0.0	81.2 2.5 78.8 78.9 88	1.0 0.577 0.0	72.3 17.1 68.5 70.6 76	1.0 0.767 0.0	1.0 0.585 0.0	72.8 16.3 69.0 70.9 76	1.0 0.767 0.0
88	77	77	1.0 0.783 0.0	81.8 1.6 79.7 79.7 88	1.0 0.588 0.0	72.9 16.0 69.2 71.1 77	1.0 0.783 0.0	1.0 0.597 0.0	73.5 15.1 69.8 71.4 77	1.0 0.783 0.0
89	78	78	1.0 0.8 0.0	82.4 0.6 80.5 80.5 89	1.0 0.599 0.0	73.6 14.9 70.0 71.5 78	1.0 0.8 0.0	1.0 0.61 0.0	74.1 13.8 70.6 72.0 78	1.0 0.8 0.0
90	79	80	1.0 0.816 0.0	83.1 -0.2 81.3 81.3 90	1.0 0.61 0.0	74.2 13.7 70.7 72.0 79	1.0 0.817 0.0	1.0 0.622 0.0	74.8 12.5 71.4 72.5 80	1.0 0.817 0.0
90	80	81	1.0 0.833 0.0	83.7 -1.2 82.0 82.1 90	1.0 0.621 0.0	74.8 12.6 71.3 72.4 80	1.0 0.833 0.0	1.0 0.64 0.0	75.6 11.2 72.4 73.2 81	1.0 0.833 0.0
91	81	82	1.0 0.85 0.0	84.4 -2.2 82.8 82.8 91	1.0 0.637 0.0	75.5 11.4 72.2 73.1 81	1.0 0.85 0.0	1.0 0.659 0.0	76.5 9.9 73.4 74.1 82	1.0 0.85 0.0
92	82	83	1.0 0.866 0.0	85.0 -3.2 83.6 83.6 92	1.0 0.654 0.0	76.3 10.3 73.2 73.9 82	1.0 0.867 0.0	1.0 0.679 0.0	77.4 8.6 74.5 75.0 83	1.0 0.867 0.0
92	83	84	1.0 0.883 0.0	85.6 -4.1 84.3 84.4 92	1.0 0.672 0.0	77.1 9.1 74.1 74.7 83	1.0 0.883 0.0	1.0 0.698 0.0	78.3 7.2 75.5 75.8 84	1.0 0.883 0.0
93	84	85	1.0 0.9 0.0	86.2 -4.8 85.0 85.1 93	1.0 0.689 0.0	77.9 7.9 75.0 75.4 84	1.0 0.9 0.0	1.0 0.718 0.0	79.1 5.8 76.5 76.7 85	1.0 0.9 0.0
93	85	86	1.0 0.916 0.0	86.7 -5.6 85.7 85.9 93	1.0 0.707 0.0	78.6 6.6 75.9 76.2 85	1.0 0.917 0.0	1.0 0.738 0.0	80.0 4.4 77.5 77.6 86	1.0 0.917 0.0
94	86	87	1.0 0.933 0.0	87.2 -6.3 86.4 86.6 94	1.0 0.725 0.0	79.4 5.4 76.8 77.0 86	1.0 0.933 0.0	1.0 0.76 0.0	80.9 2.9 78.5 78.6 87	1.0 0.933 0.0
94	87	88	1.0 0.95 0.0	87.8 -7.1 87.1 87.3 94	1.0 0.742 0.0	80.2 4.1 77.7 77.8 87	1.0 0.95 0.0	1.0 0.787 0.0	82.0 1.4 79.9 79.9 88	1.0 0.95 0.0
95	88	90	1.0 0.966 0.0	88.3 -7.9 87.7 88.1 95	1.0 0.763 0.0	81.1 2.7 78.7 78.8 88	1.0 0.967 0.0	1.0 0.814 0.0	83.0 0.0 81.2 81.2 90	1.0 0.967 0.0
95	89	91	1.0 0.983 0.0	88.8 -8.7 88.4 88.8 95	1.0 0.788 0.0	82.0 1.4 79.9 79.9 89	1.0 0.983 0.0	1.0 0.841 0.0	84.1 -1.6 82.5 82.5 91	1.0 0.983 0.0
96	90	92	1.0 1.0 0.0	89.4 -9.5 89.0 89.6 96	1.0 0.812 0.0	83.0 0.0 81.1 81.1 90	1.0 1.0 0.0	1.0 0.868 0.0	85.2 -3.3 83.7 83.8 92	1.0 1.0 0.0
96	91	93	0.983 1.0 0.0	89.0 -10.1 88.2 88.8 96	1.0 0.836 0.0	83.9 -1.3 82.2 82.2 91	0.983 1.0 0.0	1.0 0.907 0.0	86.4 -5.1 85.3 85.5 93	0.983 1.0 0.0
97	92	94	0.966 1.0 0.0	88.6 -10.7 87.4 88.0 97	1.0 0.861 0.0	84.9 -2.8 83.4 83.4 92	0.967 1.0 0.0	1.0 0.948 0.0	87.8 -7.0 87.0 87.3 94	0.967 1.0 0.0
97	93	95	0.95 1.0 0.0	88.3 -11.3 86.5 87.3 97	1.0 0.89 0.0	85.9 -4.3 84.6 84.7 93	0.95 1.0 0.0	1.0 0.99 0.0	89.1 -8.9 88.7 89.2 95	0.95 1.0 0.0
97	94	96	0.933 1.0 0.0	87.9 -11.9 85.7 86.5 97	1.0 0.925 0.0	87.0 -5.9 86.1 86.3 94	0.933 1.0 0.0	0.968 1.0 0.0	88.7 -10.6 87.5 88.1 96	0.933

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

1-1131030-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 $RYGCBM_c$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}			$LAB^*_{dsx361Mi}(x=LabCh)$			$rgb^*_{ds361Mi}$			$LAB^*_{dsx361Mi}(x=LabCh)$			$rgb^*_{dd361Mi}$			$rgb^*_{de361Mi}$			$LAB^*_{dex361Mi}(x=LabCh)$			$rgb^*_{dd361Mi}$			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}								
116	120	127	0.5	1.0	0.0	73.1	-30.2	60.8	67.9	116	0.445	1.0	0.0	71.3	-33.1	57.5	66.4	120	0.5	1.0	0.0	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	150	G_s 0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.011	51.7	-69.0	22.2	72.6	162	G_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	0.0	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	0.0	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	5																															

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

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGCBS; hab,ds = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours RYGCBSd; hab,d = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2; Six hue angles of the elementary colours RYGCBS; hab,e = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
hab,d	hab,s	hab,e	rgb*dd361M							LAB*ddx361Mi (x=LabCh)							rgb*ds361Mi							LAB*dsx361Mi (x=LabCh)							rgb*dd361Mi							rgb*de361Mi							LAB*dex361Mi (x=LabCh)							rgb*dd361Mi							rgb*da361Mi																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
176	165	175	0.0	1.0	0.25	53.0	-61.8	4.0	61.9	176	0.0	1.0	0.063	52.0	-67.8	18.2	70.3	165	0.0	1.0	0.25	0.0	1.0	0.244	53.0	-62.0	4.4	62.2	175	0.0	1.0	0.25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

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

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

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

Wavelengths of the 400-700 nm visible spectrum (nm) and the elementary color matching functions (CMFs) of the CIE 1931 color space (x, y, z) and the CIE 1964 color space (x̄, ȳ, z̄) and the CIE 1976 color space (x̄, ȳ										
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1-1131330-L0 SE150-73 LAB*la0, YN=0%, XYZnw=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB*nmw=18.5, 0.0, 0.0, 96.4, 0.0, 0.0

Output: Offset standard print; separation cmycn6*, D65, page 14/33

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

1-1131330-F0

TUB registration: 20130201-SE15/SE15L0FA.TXT /.PS
application for measurement of offset print output, separation cmycn6* (CMYK)
TUB material: code=rha4ta

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

Six hue angles of the device colours RYGBM _d : $h_{ab,d} = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2$; Six hue angles of the elementary colours RYGBM _e : $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																			
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$LAB^*_{dex361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{ds}	rgb^*_{de}																							
280	255	258	0.0	0.25	1.0	32.7	8.5	-47.0	47.8	280	0.0	0.57	1.0	45.1	-12.3	-46.2	47.9	255	0.0	0.25	1.0	0.0	0.531	1.0	43.6	-9.7	-46.3	47.4	258	0.0	0.25	1.0			
281	256	258	0.0	0.233	1.0	32.1	9.5	-47.2	48.1	281	0.0	0.557	1.0	44.6	-11.5	-46.2	47.8	256	0.0	0.233	1.0	0.0	0.519	1.0	43.1	-8.9	-46.3	47.2	258	0.0	0.233	1.0			
282	257	259	0.0	0.216	1.0	31.5	10.6	-47.3	48.5	282	0.0	0.545	1.0	44.1	-10.6	-46.3	47.6	257	0.0	0.217	1.0	0.0	0.507	1.0	42.7	-8.2	-46.2	47.1	259	0.0	0.217	1.0			
283	258	260	0.0	0.2	1.0	30.9	11.7	-47.4	48.8	283	0.0	0.532	1.0	43.6	-9.8	-46.3	47.4	258	0.0	0.2	1.0	0.0	0.496	1.0	42.2	-7.4	-46.2	47.0	260	0.0	0.2	1.0			
285	259	261	0.0	0.183	1.0	30.2	12.8	-47.5	49.2	285	0.0	0.519	1.0	43.1	-8.9	-46.3	47.2	259	0.0	0.183	1.0	0.0	0.484	1.0	41.7	-6.7	-46.3	46.9	261	0.0	0.183	1.0			
286	260	262	0.0	0.166	1.0	29.6	13.9	-47.5	49.5	286	0.0	0.506	1.0	42.6	-8.1	-46.2	47.1	260	0.0	0.167	1.0	0.0	0.473	1.0	41.3	-5.9	-46.4	46.9	262	0.0	0.167	1.0			
287	261	263	0.0	0.15	1.0	29.0	15.0	-47.6	49.9	287	0.0	0.493	1.0	42.1	-7.2	-46.3	46.9	261	0.0	0.15	1.0	0.0	0.461	1.0	40.8	-5.2	-46.4	46.8	263	0.0	0.15	1.0			
288	262	264	0.0	0.133	1.0	28.4	16.1	-47.6	50.3	288	0.0	0.481	1.0	41.6	-6.4	-46.3	46.9	262	0.0	0.133	1.0	0.0	0.45	1.0	40.3	-4.4	-46.5	46.8	264	0.0	0.133	1.0			
289	263	265	0.0	0.116	1.0	27.8	17.1	-47.6	50.6	289	0.0	0.468	1.0	41.1	-5.6	-46.4	46.8	263	0.0	0.117	1.0	0.0	0.439	1.0	39.9	-3.7	-46.5	46.7	265	0.0	0.117	1.0			
290	264	266	0.0	0.1	1.0	27.4	17.9	-47.7	50.9	290	0.0	0.455	1.0	40.6	-4.8	-46.4	46.8	264	0.0	0.1	1.0	0.0	0.427	1.0	39.4	-2.9	-46.5	46.7	266	0.0	0.1	1.0			
291	265	267	0.0	0.083	1.0	27.0	18.8	-47.7	51.3	291	0.0	0.443	1.0	40.1	-4.0	-46.5	46.7	265	0.0	0.083	1.0	0.0	0.416	1.0	39.0	-2.2	-46.5	46.6	267	0.0	0.083	1.0			
292	266	268	0.0	0.066	1.0	26.6	19.6	-47.8	51.6	292	0.0	0.43	1.0	39.6	-3.2	-46.5	46.7	266	0.0	0.067	1.0	0.0	0.404	1.0	38.5	-1.5	-46.5	46.6	268	0.0	0.067	1.0			
293	267	269	0.0	0.049	1.0	26.2	20.4	-47.8	52.0	293	0.0	0.418	1.0	39.0	-2.3	-46.5	46.6	267	0.0	0.05	1.0	0.0	0.393	1.0	38.0	-0.7	-46.4	46.5	269	0.0	0.05	1.0			
293	268	269	0.0	0.033	1.0	25.8	21.2	-47.8	52.3	293	0.0	0.405	1.0	38.5	-1.5	-46.5	46.6	268	0.0	0.033	1.0	0.0	0.381	1.0	37.6	0.0	-46.4	46.5	269	0.0	0.033	1.0			
294	269	270	0.0	0.016	1.0	25.4	22.1	-47.8	52.7	294	0.0	0.393	1.0	38.0	-0.7	-46.4	46.5	269	0.0	0.017	1.0	0.0	0.37	1.0	37.1	0.7	-46.4	46.5	270	0.0	0.017	1.0			
295	270	271	0.0	0.0	1.0	24.9	22.9	-47.8	53.0	295	B_d	0.0	0.38	1.0	37.5	0.0	-46.4	46.5	270	B_s	0.0	0.0	1.0	0.0	0.358	1.0	36.7	1.4	-46.5	46.7	271	B_e	0.0	0.0	1.0
297	271	272	0.016	0.0	1.0	25.3	24.1	-47.3	53.1	297	0.0	0.368	1.0	37.0	0.8	-46.4	46.6	271	0.017	0.0	1.0	0.0	0.346	1.0	36.3	2.2	-46.6	46.8	272	0.017	0.0	1.0			
298	272	273	0.033	0.0	1.0	25.7	25.3	-46.8	53.2	298	0.0	0.355	1.0	36.6	1.6	-46.6	46.7	272	0.033	0.0	1.0	0.0	0.334	1.0	35.8	3.0	-46.7	46.9	273	0.033	0.0	1.0			
299	273	274	0.05	0.0	1.0	26.1	26.4	-46.2	53.3	299	0.0	0.342	1.0	36.1	2.5	-46.7	46.8	273	0.05	0.0	1.0	0.0	0.322	1.0	35.4	3.8	-46.8	47.0	274	0.05	0.0	1.0			
301	274	275	0.066	0.0	1.0	26.5	27.6	-45.7	53.3	301	0.0	0.33	1.0	35.7	3.3	-46.7	47.0	274	0.067	0.0	1.0	0.0	0.31	1.0	35.0	4.5	-46.9	47.2	275	0.067	0.0	1.0			
302	275	276	0.083	0.0	1.0	26.9	28.7	-45.1	53.4	302	0.0	0.317	1.0	35.2	4.1	-46.8	47.1	275	0.083	0.0	1.0	0.0	0.298	1.0	34.5	5.3	-46.9	47.3	276	0.083	0.0	1.0			
303	276	277	0.1	0.0	1.0	27.2	29.8	-44.4	53.5	303	0.0	0.304	1.0	34.7	4.9	-46.9	47.2	276	0.1	0.0	1.0	0.0	0.286	1.0	34.1	6.1	-46.9	47.4	277	0.1	0.0	1.0			
305	277	278	0.116	0.0	1.0	27.6	30.9	-43.8	53.6	305	0.0	0.291	1.0	34.3	5.8	-46.9	47.4	277	0.117	0.0	1.0	0.0	0.274	1.0	33.7	6.9	-47.0	47.6	278	0.117	0.0	1.0			
306	278	279	0.133	0.0	1.0	28.0	31.7	-43.2	53.7	306	0.0	0.279	1.0	33.8	6.6	-46.9	47.5	278	0.133	0.0	1.0	0.0	0.262	1.0	33.2	7.7	-47.0	47.7	279	0.133	0.0	1.0			
307	279	280	0.15	0.0	1.0	28.2	32.4	-42.8	53.7	307	0.0	0.266	1.0	33.4	7.5	-47.0	47.6	279	0.15	0.0	1.0	0.0	0.25	1.0	32.8	8.5	-47.0	47.8	280	0.15	0.0	1.0			
307	280	281	0.166	0.0	1.0	28.5	33.0	-42.5	53.8	307	0.0	0.253	1.0	32.9	8.3	-47.0	47.8	280	0.167	0.0	1.0	0.0	0.237	1.0	32.3	9.4	-47.1	48.1	281	0.167	0.0	1.0			
308	281	282	0.183	0.0	1.0	28.8	33.6	-42.1	53.9	308	0.0	0.24	1.0	32.4	9.2	-47.0	48.0	281	0.183	0.0	1.0	0.0	0.224	1.0	31.8	10.2	-47.2	48.4	282	0.183	0.0	1.0			
309	282	283	0.2	0.0	1.0	29.1	34.2	-41.6	53.9	309	0.0	0.226	1.0	31.9	10.0	-47.2	48.3	282	0.2	0.0	1.0	0.0	0.211	1.0	31.3	11.0	-47.3	48.6	283	0.2	0.0	1.0			
310	283	284	0.216	0.0	1.0	29.4	34.8	-41.2	54.0	310	0.0	0.213	1.0	31.4	10.9	-47.3	48.6	283	0.217	0.0	1.0	0.0	0.198	1.0	30.8	11.9	-47.4	48.9	284	0.217	0.0	1.0			
310	284	285	0.233	0.0	1.0	29.6	35.4	-40.8	54.1	310	0.0	0.199	1.0	30.9	11.8	-47.4	48.9	284	0.233	0.0	1.0	0.0	0.185	1.0	30.4	12.7	-47.4	49.2	285	0.233	0.0	1.0			
311	285	285	0.25	0.0	1.0	29.9	36.0	-40.4	54.1	311	0.0	0.185	1.0	30.4	12.7	-47.4	49.2	285	0.25	0.0	1.0	0.0	0.172	1.0	29.9	13.6	-47.5	49.5	285	0.25	0.0	1.0			
313	286	286	0.266	0.0	1.0	30.4	37.7	-39.5	54.6	313	0.0	0.172	1.0	29.8	13.6	-47.5	49.5	286	0.267	0.0	1.0	0.0	0.159	1.0	29.4	14.5	-47.5	49.8	286	0.267	0.0	1.0			
315	287	287	0.283	0.0	1.0	30.9	39.3	-38.5	55.0	315	0.0	0.158	1.0	29.3	14.6	-47.5	49.8	287	0.283	0.0	1.0	0.0	0.146	1.0	28.9	15.3	-47.5	50.0	287	0.283	0.0	1.0			
317	288	288	0.3	0.0	1.0	31.5	40.9	-37.5	55.5	317	0.0	0.144	1.0	28.8	15.5	-47.5	50.1	288	0.3	0.0	1.0	0.0	0.133	1.0	28.4	16.2	-47.5	50.3	288	0.3	0.0	1.0			
319	289	289>																																	

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

1-1131530-L0 SE150-73 LAB*la0, YN=0%, XYZnw=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB*nmw=18.5, 0.0, 0.0, 96.4, 0.0, 0.0

Output: Offset standard print; separation cmycn6*, D65, page 16/33

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

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>

TUB registration: 20130201-SE15/SE15L0FA.TXT / PS TUB material: code=rh4da
 application for measurement of offset print output, separationcmvn6* (CMYK)

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 $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

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

$n_{ab,d}$	$n_{ab,s}$	$n_{ab,e}$	rgb^b dd361M	LAB^* ddx361Mi (x=LabCh)	rgb^b ds361Mi	LAB^* dsx361Mi (x=LabCh)	rgb^b dd361Mi	rgb^b ds361Mi	LAB^* dex361MI (x=LabCh)	rgb^b dd361Mi	rgb^b ds361Mi	rgb^b de												
359	345	342	1.0	0.0	0.75	48.1	72.1	-0.7	72.1	359	0.719	0.0	1.0	42.6	65.1	-17.3	67.4	345	1.0	0.0	0.75			
359	346	343	1.0	0.0	0.733	48.1	71.9	0.0	71.9	359	0.737	0.0	1.0	43.0	66.1	-16.4	68.1	346	1.0	0.0	0.733			
360	347	344	1.0	0.0	0.716	48.1	71.7	0.7	71.7	360	0.759	0.0	1.0	43.5	67.0	-15.4	68.8	347	1.0	0.0	0.717			
361	348	345	1.0	0.0	0.7	48.1	71.6	1.5	71.6	361	0.793	0.0	1.0	44.2	68.2	-14.4	69.7	348	1.0	0.0	0.7			
361	349	346	1.0	0.0	0.683	48.1	71.4	2.3	71.4	361	0.828	0.0	1.0	45.0	69.2	-13.4	70.5	349	1.0	0.0	0.683			
362	350	347	1.0	0.0	0.666	48.1	71.2	3.0	71.3	362	0.863	0.0	1.0	45.7	70.3	-12.3	71.4	350	1.0	0.0	0.667			
363	351	348	1.0	0.0	0.65	48.0	71.0	3.8	71.1	363	0.903	0.0	1.0	46.4	71.5	-11.2	72.4	351	1.0	0.0	0.65			
363	352	349	1.0	0.0	0.633	48.0	70.8	4.5	71.0	363	0.946	0.0	1.0	47.3	72.7	-10.1	73.4	352	1.0	0.0	0.633			
364	353	350	1.0	0.0	0.616	48.0	70.7	5.3	70.9	364	0.99	0.0	1.0	48.1	73.9	-9.0	74.5	353	1.0	0.0	0.617			
365	354	351	1.0	0.0	0.6	48.0	70.5	6.2	70.8	365	1.0	0.0	0.967	48.2	74.0	-7.7	74.4	354	1.0	0.0	0.6			
365	355	352	1.0	0.0	0.583	48.0	70.4	7.1	70.8	365	1.0	0.0	0.924	48.2	73.6	-6.3	73.9	355	1.0	0.0	0.583			
366	356	353	1.0	0.0	0.566	47.9	70.3	7.9	70.7	366	1.0	0.0	0.881	48.2	73.2	-5.0	73.4	356	1.0	0.0	0.567			
367	357	354	1.0	0.0	0.55	47.9	70.1	8.8	70.7	367	1.0	0.0	0.842	48.2	72.9	-3.7	73.0	357	1.0	0.0	0.55			
367	358	355	1.0	0.0	0.533	47.9	70.0	9.6	70.7	367	1.0	0.0	0.803	48.2	72.6	-2.4	72.6	358	1.0	0.0	0.533			
368	359	356	1.0	0.0	0.516	47.8	69.8	10.5	70.6	368	1.0	0.0	0.765	48.1	72.2	-1.2	72.2	359	1.0	0.0	0.517			
369	360	352	1.0	0.0	0.5	47.8	69.7	11.3	70.6	369	1.0	0.0	0.733	48.1	71.9	0.0	71.9	360	1.0	0.0	0.5			
370	361	353	1.0	0.0	0.483	47.8	69.5	12.3	70.6	370	1.0	0.0	0.706	48.1	71.7	1.3	71.7	361	1.0	0.0	0.483			
370	362	354	1.0	0.0	0.466	47.8	69.3	13.2	70.6	370	1.0	0.0	0.679	48.1	71.4	2.5	71.4	362	1.0	0.0	0.467			
371	363	355	1.0	0.0	0.45	47.8	69.1	14.1	70.6	371	1.0	0.0	0.652	48.1	71.1	3.7	71.2	363	1.0	0.0	0.45			
372	364	356	1.0	0.0	0.433	47.8	69.0	15.0	70.6	372	1.0	0.0	0.625	48.1	70.8	4.9	70.9	364	1.0	0.0	0.433			
373	365	357	1.0	0.0	0.416	47.8	68.8	16.0	70.6	373	1.0	0.0	0.602	48.0	70.6	6.2	70.9	365	1.0	0.0	0.417			
373	366	358	1.0	0.0	0.4	47.8	68.5	16.9	70.6	373	1.0	0.0	0.578	48.0	70.4	7.4	70.8	366	1.0	0.0	0.4			
374	367	359	1.0	0.0	0.383	47.8	68.3	17.8	70.6	374	1.0	0.0	0.554	47.9	70.2	8.6	70.8	367	1.0	0.0	0.383			
375	368	360	1.0	0.0	0.366	47.8	68.1	18.7	70.7	375	1.0	0.0	0.53	47.9	70.0	9.8	70.7	368	1.0	0.0	0.367			
376	369	362	1.0	0.0	0.35	47.8	68.0	19.7	70.8	376	1.0	0.0	0.506	47.8	69.8	11.1	70.6	369	1.0	0.0	0.35			
376	370	363	1.0	0.0	0.333	47.8	67.9	20.7	70.9	376	1.0	0.0	0.484	47.8	69.6	12.3	70.6	370	1.0	0.0	0.333			
377	371	364	1.0	0.0	0.316	47.8	67.7	21.6	71.1	377	1.0	0.0	0.462	47.9	69.3	13.5	70.6	371	1.0	0.0	0.317			
378	372	365	1.0	0.0	0.3	47.8	67.5	22.6	71.2	378	1.0	0.0	0.441	47.9	69.1	14.7	70.6	372	1.0	0.0	0.3			
379	373	366	1.0	0.0	0.283	47.8	67.4	23.5	71.4	379	1.0	0.0	0.419	47.9	68.8	15.9	70.6	373	1.0	0.0	0.283			
380	374	367	1.0	0.0	0.266	47.8	67.2	24.5	71.5	380	1.0	0.0	0.397	47.9	68.5	17.1	70.6	374	1.0	0.0	0.267			
380	375	368	1.0	0.0	0.25	47.8	67.0	25.4	71.7	380	1.0	0.0	0.376	47.9	68.2	18.3	70.6	375	1.0	0.0	0.25			
381	376	369	1.0	0.0	0.233	47.8	66.9	26.3	71.9	381	1.0	0.0	0.354	47.9	68.1	19.5	70.8	376	1.0	0.0	0.233			
382	377	370	1.0	0.0	0.216	47.7	66.8	27.2	72.2	382	1.0	0.0	0.332	47.9	67.9	20.8	71.0	377	1.0	0.0	0.217			
382	378	372	1.0	0.0	0.2	47.7	66.8	28.0	72.4	382	1.0	0.0	0.311	47.9	67.7	22.0	71.2	378	1.0	0.0	0.2			
383	379	373	1.0	0.0	0.183	47.7	66.7	28.9	72.7	383	1.0	0.0	0.289	47.9	67.5	23.2	71.4	379	1.0	0.0	0.183			
384	380	374	1.0	0.0	0.166	47.7	66.6	29.7	72.9	384	1.0	0.0	0.268	47.8	67.2	24.5	71.6	380	1.0	0.0	0.167			
384	381	375	1.0	0.0	0.15	47.6	66.4	30.6	73.2	384	1.0	0.0	0.245	47.8	67.0	25.7	71.8	381	1.0	0.0	0.15			
385	382	376	1.0	0.0	0.133	47.6	66.3	31.5	73.4	385	1.0	0.0	0.22	47.8	66.9	27.0	72.2	382	1.0	0.0	0.133			
386	383	377	1.0	0.0	0.116	47.6	66.2	32.3	73.7	386	1.0	0.0	0.195	47.8	66.8	28.3	72.5	383	1.0	0.0	0.117			
386	384	378	1.0	0.0	0.1	47.6	66.2	33.2	74.0	386	1.0	0.0	0.169	47.7	66.6	29.7	72.9	384	1.0	0.0	0.1			
387	385	379	1.0	0.0	0.083	47.6	66.1	34.1	74.4	387	1.0	0.0	0.144	47.7	66.4	31.0	73.3	385	1.0	0.0	0.083			
387	386	381	1.0	0.0	0.066	47.5	66.0	34.9	74.7	387	1.0	0.0	0.118	47.7	66.3	32.3	73.7	386	1.0	0.0	0.067			
388	387	382	1.0	0.0	0.049	47.5	65.9	35.8	75.0	388	1.0	0.0	0.091	47.6	66.2	33.7	74.3	387	1.0	0.0	0.05			
389	388	383	1.0	0.0	0.033	47.5	65.8	36.7	75.3	389	1.0	0.0	0.064	47.6	66.0	35.1	74.8	388	1.0	0.0	0.033			
389	389	384	1.0	0.0	0.016	47.5	65.7	37.6	75.7	389	1.0	0.0	0.038	47.6	65.9	36.5	75.3	389	1.0	0.0	0.017			
390	390	385	1.0	0.0	0.0	47.5	65.5	38.4	76.0	390	1.0	0.0	0.011	47.5	65.7	37.9	75.8	390	1.0	0.0	0.0			

Output: Offset standard print; separation cmyn6*, D65, page 17/38

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

1-1131630-F0

http://130.149.60.45/~farbmetrik/SE15/SE15L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FA.DAT in file (F), page 18/33

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

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

Mean color difference of this page:

delta

TUB registration: 20130201-SE15/SE15L0FA.TXT /.PS
application for measurement of offset print output, separationcmyn6* (CMYK)
TUB material: code=rha4ta

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

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

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

TUB registration: 20130201-SE15/SE15L0FA.TXT /.PS
application for measurement of offset print output, separationcyan6* (CMYK)
TUB material: code=rha4ta

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

http://130.149.60.45/~farbmetrik/SE15/SE15L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FA.DAT in file (F), page 20/33

n=j	HIC*F _{de}	rgb_F _{de}	ict_F _{de}	hsi_F _{de}	rgb*F _{de}	LabCh*F _{de}	cmyn*sep_F _{de}	hsi_M _{de}	rgb*M _{de}	LabCh*M _{de}
0	NW_000de	0.0 0.0 0.0	0.0 0.0 0.0	360	0.0 0.0 0.0	18.5 0.0 0.0	0.0 0.0 1.0	360	1.0 1.0 1.0	96.3 0.0 0.0
1	B00R_012_012de	0.0 0.0 0.125	0.125 0.125 0.062	270	0.0 0.044 0.125	20.8 0.1 -5.8	5.8 271.7 0.38	249	0.0 0.358 1.0	36.7 1.4 -46.6
2	B00R_025_025de	0.0 0.0 0.25	0.25 0.25 0.125	270	0.0 0.089 0.25	23.0 0.3 -11.6	11.6 271.7 0.569	249	0.0 0.358 1.0	36.7 1.4 -46.6
3	B00R_037_037de	0.0 0.0 0.375	0.375 0.375 0.187	270	0.0 0.134 0.375	25.3 0.5 -17.4	17.4 271.7 0.684	249	0.0 0.358 1.0	36.7 1.4 -46.6
4	B00R_050_050de	0.0 0.0 0.5	0.5 0.5 0.25	270	0.0 0.179 0.5	27.6 0.7 -23.3	23.3 271.7 0.797	249	0.0 0.358 1.0	36.7 1.4 -46.6
5	B00R_062_062de	0.0 0.0 0.625	0.625 0.625 0.312	270	0.0 0.223 0.625	29.8 0.8 -29.1	29.1 271.7 0.868	249	0.0 0.358 1.0	36.7 1.4 -46.6
6	B00R_075_075de	0.0 0.0 0.75	0.75 0.75 0.375	270	0.0 0.268 0.75	32.1 1.0 -34.9	34.9 271.7 0.915	249	0.0 0.358 1.0	36.7 1.4 -46.6
7	B00R_087_087de	0.0 0.0 0.875	0.875 0.875 0.437	270	0.0 0.313 0.875	34.4 1.2 -40.8	40.8 271.7 0.958	249	0.0 0.358 1.0	36.7 1.4 -46.6
8	B00R_100_100de	0.0 0.0 1.0	1.0 1.0 0.5	270	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7 1.0	249	0.0 0.358 1.0	36.7 1.4 -46.6
9	G00B_012_012de	0.0 0.125 0.0	0.125 0.125 0.062	150	0.0 0.125 0.001	22.6 -8.6 2.7	9.0 162.2 0.417	150	0.0 1.0 0.011	51.7 -69.1
10	G50B_012_012de	0.0 0.125 0.125	0.125 0.125 0.062	210	0.0 0.125 0.089	23.2 -5.2 -3.9	6.5 216.9 0.401	193	0.0 1.0 0.712	56.3 -41.9
11	G75B_025_025de	0.0 0.125 0.25	0.25 0.25 0.125	240	0.0 0.186 0.25	26.6 -5.4 -11.4	12.6 244.3 0.574	224	0.0 0.744 1.0	51.1 -21.9
12	G84B_037_037de	0.0 0.125 0.375	0.375 0.375 0.187	251	0.0 0.216 0.375	28.6 -4.8 -17.3	18.0 254.3 0.688	234	0.0 0.578 1.0	45.4 -12.9
13	G88B_050_050de	0.0 0.125 0.5	0.5 0.5 0.25	256	0.0 0.259 0.5	30.8 -4.5 -23.1	23.6 258.9 0.788	238	0.0 0.519 1.0	43.1 -9.0
14	G90B_062_062de	0.0 0.125 0.625	0.625 0.625 0.312	259	0.0 0.302 0.625	33.0 -4.2 -29.0	29.3 261.6 0.867	241	0.0 0.484 1.0	41.7 -6.7
15	G92B_075_075de	0.0 0.125 0.75	0.75 0.75 0.375	261	0.0 0.346 0.75	35.2 -3.9 -34.8	35.1 263.5 0.915	242	0.0 0.461 1.0	40.8 -5.2
16	G93B_087_087de	0.0 0.125 0.875	0.875 0.875 0.437	262	0.0 0.393 0.875	37.6 -3.9 -40.7	40.9 264.4 0.96	243	0.0 0.449 1.0	40.3 -4.5
17	G94B_100_100de	0.0 0.125 1.0	1.0 1.0 0.5	263	0.0 0.438 1.0	39.8 -3.7 -46.5	46.7 265.3 1.0	244	0.0 0.438 1.0	39.8 -3.7
18	G00B_025_025de	0.0 0.25 0.0	0.25 0.25 0.125	150	0.0 0.25 0.002	26.8 -17.2 5.5	18.1 162.2 0.592	150	0.0 1.0 0.011	51.7 -69.1
19	G25B_025_025de	0.0 0.25 0.125	0.25 0.25 0.125	180	0.0 0.25 0.1	27.4 -13.8 -2.3	14.0 189.6 0.588	173	0.0 1.0 0.403	54.0 -55.4
20	G50B_025_025de	0.0 0.25 0.25	0.25 0.25 0.125	210	0.0 0.25 0.178	27.9 -10.4 -7.8	13.1 216.9 0.581	193	0.0 1.0 0.712	56.3 -41.9
21	G65B_037_037de	0.0 0.25 0.375	0.375 0.375 0.187	229	0.0 0.375 0.372	33.2 -12.0 -16.8	20.7 234.3 0.686	209	0.0 1.0 0.993	57.8 -32.2
22	G75B_050_050de	0.0 0.25 0.5	0.5 0.5 0.25	240	0.0 0.372 0.5	34.8 -10.9 -22.8	25.3 244.3 0.797	224	0.0 0.744 1.0	51.1 -21.9
23	G80B_062_062de	0.0 0.25 0.625	0.625 0.625 0.312	247	0.0 0.39 0.625	36.5 -10.0 -28.7	30.4 250.7 0.868	231	0.0 0.625 1.0	47.2 -16.0
24	G84B_075_075de	0.0 0.25 0.75	0.75 0.75 0.375	251	0.0 0.433 0.75	38.7 -9.6 -34.7	36.0 254.3 0.915	234	0.0 0.578 1.0	45.4 -12.9
25	G86B_087_087de	0.0 0.25 0.875	0.875 0.875 0.437	254	0.0 0.474 0.875	40.8 -9.2 -40.5	41.6 257.1 0.961	237	0.0 0.542 1.0	44.0 -10.5
26	G88B_100_100de	0.0 0.25 1.0	1.0 1.0 0.5	256	0.0 0.519 1.0	43.1 -9.0 -46.3	47.2 258.9 0.999	238	0.0 0.519 1.0	43.1 -9.0
27	G00B_037_037de	0.0 0.375 0.0	0.375 0.375 0.187	150	0.0 0.375 0.004	30.9 -25.9 8.3	27.2 162.2 0.695	150	0.0 1.0 0.011	51.7 -69.1
28	G15B_037_037de	0.0 0.375 0.125	0.375 0.375 0.187	169	0.0 0.375 0.108	31.5 -22.6 0.1	22.6 179.5 0.688	166	0.0 1.0 0.288	53.2 -60.4
29	G34B_037_037de	0.0 0.375 0.25	0.375 0.375 0.187	191	0.0 0.375 0.191	32.1 -18.9 -6.7	20.1 199.6 0.686	180	0.0 1.0 0.509	54.7 -50.5
30	G50B_037_037de	0.0 0.375 0.375	0.375 0.375 0.187	210	0.0 0.375 0.267	32.7 -15.7 -11.8	19.6 216.9 0.676	193	0.0 1.0 0.712	56.3 -41.9
31	G61B_050_050de	0.0 0.375 0.5	0.5 0.5 0.25	224	0.0 0.5 0.456	38.0 -17.4 -20.6	27.0 229.7 0.797	205	0.0 1.0 0.912	57.4 -34.9
32	G69B_062_062de	0.0 0.375 0.625	0.625 0.625 0.312	233	0.0 0.561 0.625	41.6 -17.7 -28.3	33.4 237.9 0.868	213	0.0 0.898 1.0	55.4 -28.3
33	G75B_075_075de	0.0 0.375 0.75	0.75 0.75 0.375	240	0.0 0.558 0.75	43.0 -16.4 -34.2	37.9 244.3 0.916	224	0.0 0.744 1.0	51.1 -21.9
34	G79B_087_087de	0.0 0.375 0.875	0.875 0.875 0.437	245	0.0 0.577 0.875	44.6 -15.5 -40.2	43.1 248.9 0.961	229	0.0 0.659 1.0	48.3 -17.7
35	G81B_100_100de	0.0 0.375 1.0	1.0 1.0 0.5	248	0.0 0.613 1.0	46.8 -15.2 -46.0	48.5 251.6 0.999	232	0.0 0.613 1.0	46.8 -15.2
36	G00B_050_050de	0.0 0.5 0.0	0.5 0.5 0.25	150	0.0 0.5 0.005	35.1 -34.5 11.0	36.3 162.2 0.801	150	0.0 1.0 0.011	51.7 -69.1
37	G11B_050_050de	0.0 0.5 0.125	0.5 0.5 0.25	164	0.0 0.5 0.115	35.7 -31.3 2.7	31.4 175.0 0.867	162	0.0 1.0 0.23	52.9 -62.6
38	G25B_050_050de	0.0 0.5 0.25	0.5 0.5 0.25	180	0.0 0.5 0.201	36.2 -27.7 -4.6	28.1 189.6 0.797	173	0.0 1.0 0.403	54.0 -55.4
39	G38B_050_050de	0.0 0.5 0.375	0.5 0.5 0.25	196	0.0 0.5 0.281	36.7 -24.2 -10.9	26.6 204.2 0.789	184	0.0 1.0 0.563	55.0 -48.5
40	G50B_050_050de	0.0 0.5 0.5	0.5 0.5 0.25	210	0.0 0.5 0.356	37.4 -20.9 -15.7	26.2 216.9 0.797	193	0.0 1.0 0.712	56.3 -41.9
41	G59B_062_062de	0.0 0.5 0.625	0.625 0.625 0.312	221	0.0 0.625 0.54	42.7 -22.8 -24.4	33.4 227.0 0.863	202	0.0 1.0 0.864	57.2 -36.4
42	G65B_075_075de	0.0 0.5 0.75	0.75 0.75 0.375	229	0.0 0.75 0.745	48.0 -24.1 -33.6	41.4 234.3 0.922	209	0.0 1.0 0.993	57.8 -32.2
43	G70B_087_087de	0.0 0.5 0.875	0.875 0.875 0.437	235	0.0 0.743 0.875	49.7 -23.1 -39.7	46.0 239.7 0.963	208	0.0 0.849 1.0	54.1 -26.4
44	G75B_100_100de	0.0 0.5 1.0	1.0 1.0 0.5	240	0.0 0.744 1.0	51.1 -21.9 -45.6	50.6 244.3 1.0	224	0.0 0.744 1.0	51.1 -21.9
45	G00B_062_062de	0.0 0.625 0.0	0.625 0.625 0.312	150	0.0 0.625 0.007	39.2 -43.2 13.8	45.3 162.2 0.875	150	0.0 1.0 0.011	51.7 -69.1
46	G09B_062_062de	0.0 0.625 0.125	0.625 0.625 0.312	161	0.0 0.625 0.116	39.8 -40.1 5.4	40.4 172.2 0.916	160	0.0 1.0 0.186	52.7 -64.2
47	G19B_062_062de	0.0 0.625 0.25	0.625 0.625 0.312	173	0.0 0.625 0.207	40.4 -36.6 -2.0	36.6 183.2 0.872	168	0.0 1.0 0.331	53.5 -58.6
48	G30B_062_062de	0.0 0.625 0.375	0.625 0.625 0.312	187	0.0 0.625 0.294	41.0 -32.7 -9.3	34.0 195.9 0.87	178	0.0 1.0 0.47	54.4 -52.4
49	G40B_062_062de	0.0 0.625 0.5	0.625 0.625 0.312	199	0.0 0.625 0.371	41.4 -29.4 -14.9	33.0 206.9 0.867	186	0.0 1.0 0.595	55.2 -47.1
50	G50B_062_062de	0.0 0.625 0.625	0.625 0.625 0.312	210	0.0 0.625 0.445	42.1 -26.2 -19.7	32.8 216.9 0.867	193	0.0 1.0 0.712	56.3 -41.9
51	G57B_075_075de	0.0 0.625 0.75	0.75 0.75 0.375	219	0.0 0.75 0.625	47.4 -28.1 -28.3	39.9 225.1 0.923	201	0.0 1.0 0.834	57.0 -37.5
52	G63B_087_087de	0.0 0.625 0.875	0.875 0.875 0.437	226	0.0 0.875 0.826	52.7 -29.6 -37.4	47.7 231.5 0.964	207	0.0 1.0 0.944	57.6 -33.9
53	G68B_100_100de	0.0 0.625 1.0	1.0 1.0 0.5	232	0.0 0.926 1.0	56.1 -29.3 -45.3	54.0 237.0 1.0	213	0.0 0.926 1.0	56.1 -29.3
54	G00B_075_075de	0.0 0.75 0.0	0.75 0.75 0.375	150	0.0 0.75 0.008	43.4 -51.8 16.6	54.4 162.2 0.928	150	0.0 1.0 0.011	51.7 -69.1
55	G07B_075_075de	0.0 0.75 0.125	0.75 0.75 0.375	159	0.0 0.75 0.118	44.0 -48.8 8.2	49.5 170.4 0.951	157	0.0 1.0 0.158	52.5 -65.1
56	G15B_075_075de	0.0 0.75 0.25	0.75 0.75 0.375	169	0.0 0.75 0.216	44.6 -45.3 0.3	45.3 179.5 0.951	166	0.0 1.0 0.288	53.2 -60.4
57	G25B_075_075de	0.0 0.75 0.375	0.75 0.75 0.375	180	0.0 0.75 0.302	45.1 -41.5 -7.0	42.1 189.6 0.927	173	0.0 1.0 0.403	54.0 -55.4
58	G34B_075_075de	0.0 0.75 0.5	0.75 0.75 0.375	191	0.0 0.75 0.382	45.6 -37.9 -13.5	40.2 199.6 0.925	180	0.0 1.0 0.509	54.7 -50.5
59	G42B_075_075de	0.0 0.75 0.625	0.75 0.75 0.375	201	0.0 0.75 0.462	46.1 -34.6 -19.0	39.5 208.7 0.923	187	0.0 1.0 0.616	55.3 -46.2
60	G50B_075_075de	0.0 0.75 0.75	0.75 0.75 0.375	210	0.0 0.75 0.534	46.8 -31.4 -23.6	39.3 216.9 0.924	193	0.0 1.0 0.712	56.3 -41.9
61	G56B_087_087de	0.0 0.75 0.875	0.875 0.875 0.437	218	0.0 0.875 0.716	52.2 -33.2 -32.4	46.4 224.2 0.964	200	0.0 1.0 0.818	57.0 -38.0
62	G61B_100_100de	0.0 0.75 1.0	1.0 1.0 0.5	224	0.0 1.0 0.912	57.4 -34.9 -41.3	54.1 229.7 1.0	205	0.0 1.0 0.912	57.4 -34.9
63	G00B_087_087de	0.0 0.875 0.0	0.875 0.875 0.437	150	0.0 0.875 0.009	47.5 -60.4 19.3	63.5 162.2 0.967	150	0.0 1.0 0.011	51.7 -69.1
64	G06B_087_087de	0.0 0.875 0.125	0.875 0.875 0.437	158	0.0 0.875 0.125	48.2 -57.3 10.6	58.3 169.5 0.978	157	0.0 1.0 0.143	52.4 -65.5
65	G13B_087_087de	0.0 0.875 0.25	0.875 0.875 0.437	166	0.0 0.875 0.224	48.7 -53.9 2.9	54.0 176.8 0.978	164	0.0 1.0 0.256	53.0 -61.6
66	G20B_087_087de	0.0 0.875 0.375	0.875 0.875 0.437	175	0.0 0.875 0.308	49.3 -50.4 -4.4	50.6 185.0 0.966	170	0.0 1.0 0.352	53.7 -57.6
67	G29B_087_087de	0.0 0.875 0.5	0.875 0.875 0.437	185	0.0 0.875 0.394	49.8 -46.6 -11.7	48.1 194.1 0.965	176	0.0 1.0 0.451	54.3 -53.3
68	G36B_087_087de	0.0 0.875 0.625	0.875 0.875 0.437	194	0.0 0.875 0.474	50.3 -43.1 -17.7	46.7 202.3 0.965	182	0.0 1.0 0.541	54.9 -49.3
69	G43B_087_087de	0.0 0.875 0.75	0.875 0.875 0.437	202	0.0 0.875 0.548	50.8 -40.0 -22.8	46.0 209.6 0.965	188		

http://130.149.60.45/~farbmetrik/SE15/SE15L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FA.DAT in file (F), page 21/33

n	HIC*Fde	rgb_Fde	ict_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	cmyn*sep.Fde	hsi_Mde	rgb*Mde	LabCh*Mde
81	R00Y_012_012de	0.125 0.0 0.0	0.125 0.125 0.062	390	0.125 0.0 0.016	22.1 8.2 3.9	9.1 25.4	0.0 0.448 0.429 0.889	383 1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4
82	B50R_012_012de	0.125 0.0 0.125	0.125 0.125 0.062	330	0.052 0.0 0.125	20.5 6.2 -3.8	7.3 328.6	0.186 0.379 0.0 0.914	294 0.42 0.0 1.0	34.9 50.0 -30.5 58.6 328.6
83	B25R_025_025de	0.125 0.0 0.25	0.25 0.25 0.125	300	0.013 0.0 0.25	20.4 6.7 -11.5	13.3 300.1	0.573 0.573 0.0 0.829	272 0.055 0.0 1.0	26.2 26.8 -46.1 53.3 300.1
84	B15R_037_037de	0.125 0.0 0.375	0.375 0.375 0.187	289	0.0 0.044 0.375	22.0 6.4 -17.8	18.9 289.7	0.685 0.639 0.0 0.75	263 0.0 0.117 1.0	27.9 17.1 -47.6 50.6 289.7
85	B11R_050_050de	0.125 0.0 0.5	0.5 0.5 0.25	284	0.0 0.092 0.5	24.4 6.3 -23.7	24.5 285.0	0.787 0.66 0.0 0.638	259 0.0 0.185 1.0	30.3 12.7 -47.5 49.1 285.0
86	B09R_062_062de	0.125 0.0 0.625	0.625 0.625 0.312	281	0.0 0.14 0.625	26.8 6.3 -29.5	30.2 282.1	0.867 0.65 0.0 0.5	257 0.0 0.224 1.0	31.8 10.1 -47.2 48.3 282.1
87	B07R_075_075de	0.125 0.0 0.75	0.75 0.75 0.375	279	0.0 0.187 0.75	29.2 6.3 -35.2	35.8 280.2	0.918 0.695 0.0 0.368	256 0.0 0.25 1.0	32.7 8.5 -47.0 47.8 280.2
88	B06R_087_087de	0.125 0.0 0.875	0.875 0.875 0.437	278	0.0 0.229 0.875	31.3 6.7 -41.1	41.7 279.3	0.96 0.695 0.0 0.213	255 0.0 0.262 1.0	33.2 7.7 -47.0 47.6 279.3
89	B05R_100_100de	0.125 0.0 1.0	1.0 1.0 0.5	277	0.0 0.274 1.0	33.6 6.9 -47.0	47.5 278.3	1.0 0.723 0.0 0.0	254 0.0 0.274 1.0	33.6 6.9 -47.0 47.5 278.3
90	Y00G_012_012de	0.125 0.125 0.0	0.125 0.125 0.062	90	0.125 0.108 0.0	26.8 -0.4 10.4	92.3 0.0	0.219 0.484 0.874	83 1.0 0.868 0.0	85.1 -3.3 83.7 83.7 92.3
91	NW_012de	0.125 0.125 0.125	0.125 0.0 0.125	360	0.125 0.125 0.125	28.2 0.0 0.0	0.0 0.0	0.011 0.1 0.901	360 1.0 1.0 1.0	96.3 0.0 0.0 0.0 0.0
92	B00R_025_012de	0.125 0.125 0.25	0.25 0.125 0.187	270	0.124 0.169 0.25	30.5 0.1 -5.8	5.8 271.7	0.349 0.211 0.0 0.831	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
93	B00R_037_025de	0.125 0.125 0.375	0.375 0.25 0.25	270	0.124 0.214 0.375	32.8 0.3 -11.6	11.6 271.7	0.52 0.31 0.0 0.755	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
94	B00R_050_037de	0.125 0.125 0.5	0.5 0.375 0.312	270	0.124 0.259 0.5	35.0 0.5 -17.4	17.4 271.7	0.648 0.39 0.0 0.647	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
95	B00R_062_050de	0.125 0.125 0.625	0.625 0.5 0.375	270	0.125 0.304 0.625	37.3 0.7 -23.3	23.3 271.7	0.734 0.454 0.0 0.517	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
96	B00R_075_062de	0.125 0.125 0.75	0.75 0.625 0.437	270	0.125 0.348 0.75	39.6 0.8 -29.1	29.1 271.7	0.792 0.496 0.0 0.375	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
97	B00R_087_075de	0.125 0.125 0.875	0.875 0.75 0.5	270	0.125 0.393 0.875	41.8 1.0 -34.9	34.9 271.7	0.839 0.518 0.0 0.214	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
98	B00R_100_087de	0.125 0.125 1.0	1.0 0.875 0.562	270	0.125 0.438 1.0	44.1 1.2 -40.8	40.8 271.7	0.878 0.54 0.0 0.013	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
99	Y50G_025_025de	0.125 0.25 0.0	0.25 0.25 0.125	120	0.087 0.25 0.0	30.7 -9.7 12.7	16.0 127.2	0.335 0.0 0.57 0.831	129 0.35 1.0 0.0	67.2 -38.9 51.1 64.2 127.2
100	G00B_025_012de	0.125 0.25 0.125	0.25 0.125 0.187	150	0.124 0.25 0.126	32.4 -8.6 2.7	9.0 162.2	0.484 0.0 0.471 0.81	150 0.0 1.0 0.011	51.7 -69.1 22.1 72.6 162.2
101	G50B_025_012de	0.125 0.25 0.25	0.25 0.125 0.187	210	0.124 0.25 0.214	32.9 -5.2 -3.9	6.5 216.9	0.425 0.0 0.127 0.818	193 0.0 1.0 0.712	56.3 -41.9 -31.5 52.4 216.9
102	G75B_037_025de	0.125 0.25 0.375	0.375 0.25 0.25	240	0.124 0.311 0.375	36.4 -5.4 -11.4	12.6 244.3	0.535 0.077 0.0 0.75	224 0.0 0.744 1.0	51.1 -21.9 -45.6 50.6 244.3
103	G84B_050_037de	0.125 0.25 0.5	0.5 0.375 0.312	251	0.124 0.341 0.5	38.3 -4.8 -17.3	18.0 254.3	0.66 0.248 0.0 0.644	234 0.0 0.578 1.0	45.4 -12.9 -46.2 48.0 254.3
104	G88B_062_050de	0.125 0.25 0.625	0.625 0.5 0.375	256	0.125 0.384 0.625	40.5 -4.5 -23.1	23.6 259.9	0.739 0.335 0.0 0.509	238 0.0 0.519 1.0	43.1 -9.0 -46.3 47.2 259.9
105	G90B_075_062de	0.125 0.25 0.75	0.75 0.625 0.437	259	0.125 0.427 0.75	42.7 -4.2 -29.0	29.3 261.6	0.805 0.403 0.0 0.368	241 0.0 0.484 1.0	41.7 -6.7 -46.4 46.9 261.6
106	G92B_087_075de	0.125 0.25 0.875	0.875 0.75 0.5	261	0.125 0.471 0.875	44.9 -3.9 -34.8	35.1 263.5	0.845 0.439 0.0 0.208	242 0.0 0.461 1.0	40.8 -5.2 -46.5 46.8 263.5
107	G93B_100_087de	0.125 0.25 1.0	1.0 0.875 0.562	262	0.125 0.518 1.0	47.3 -3.9 -40.7	40.9 264.4	0.882 0.467 0.0 0.004	243 0.0 0.449 1.0	40.3 -4.5 -46.6 46.7 264.4
108	Y68G_037_037de	0.125 0.375 0.0	0.375 0.375 0.187	131	0.085 0.375 0.0	34.1 -18.4 15.3	23.9 140.0	0.623 0.0 0.687 0.749	137 0.229 1.0 0.0	60.1 -49.0 41.0 63.9 140.0
109	G00B_037_025de	0.125 0.375 0.125	0.375 0.25 0.25	150	0.124 0.375 0.127	36.5 -17.2 5.5	18.1 162.2	0.658 0.0 0.599 0.716	150 0.0 1.0 0.011	51.7 -69.1 22.1 72.6 162.2
110	G25B_037_025de	0.125 0.375 0.25	0.375 0.25 0.25	180	0.124 0.375 0.225	37.1 -13.8 -2.3	14.0 189.6	0.626 0.0 0.378 0.723	173 0.0 1.0 0.403	54.0 -55.4 -9.3 56.2 189.6
111	G50B_037_025de	0.125 0.375 0.375	0.375 0.25 0.25	210	0.124 0.375 0.303	37.7 -10.4 -7.8	13.1 216.9	0.591 0.0 0.171 0.73	193 0.0 1.0 0.712	56.3 -41.9 -31.5 52.4 216.9
112	G65B_050_037de	0.125 0.375 0.5	0.5 0.375 0.312	229	0.124 0.5 0.497	43.0 -12.0 -16.8	20.7 234.3	0.676 0.0 0.013 0.629	209 0.0 1.0 0.993	57.8 -32.2 -44.8 55.2 234.3
113	G75B_062_050de	0.125 0.375 0.625	0.625 0.5 0.375	240	0.125 0.497 0.625	44.5 -10.9 -22.8	25.3 244.3	0.744 0.16 0.0 0.503	224 0.0 0.744 1.0	51.1 -21.9 -45.6 50.6 244.3
114	G80B_075_062de	0.125 0.375 0.75	0.75 0.625 0.437	247	0.125 0.515 0.75	46.2 -10.0 -28.7	30.4 250.7	0.804 0.276 0.0 0.366	231 0.0 0.625 1.0	47.2 -16.0 -45.9 48.7 250.7
115	G84B_087_075de	0.125 0.375 0.875	0.875 0.75 0.5	251	0.125 0.558 0.875	48.4 -9.6 -34.7	36.0 254.3	0.852 0.348 0.0 0.203	234 0.0 0.578 1.0	45.4 -12.9 -46.2 48.0 254.3
116	G86B_100_087de	0.125 0.375 1.0	1.0 0.875 0.562	254	0.125 0.599 1.0	50.5 -9.2 -40.5	41.6 257.1	0.886 0.399 0.0 0.0	237 0.0 0.542 1.0	44.0 -10.5 -46.3 47.5 257.1
117	Y76G_050_050de	0.125 0.5 0.0	0.5 0.5 0.25	136	0.081 0.5 0.0	38.2 -26.8 18.1	32.4 145.9	0.744 0.0 0.798 0.623	141 0.163 1.0 0.0	57.9 -53.6 36.3 64.8 145.9
118	G00B_050_037de	0.125 0.5 0.125	0.5 0.375 0.312	150	0.124 0.5 0.129	40.7 -25.9 8.3	27.2 162.2	0.762 0.0 0.684 0.588	150 0.0 1.0 0.011	51.7 -69.1 22.1 72.6 162.2
119	G15B_050_037de	0.125 0.5 0.25	0.5 0.375 0.312	169	0.124 0.5 0.233	41.3 -22.6 0.1	22.6 179.5	0.75 0.0 0.518 0.594	166 0.0 1.0 0.288	53.2 -60.4 0.4 60.4 179.5
120	G34B_050_037de	0.125 0.5 0.375	0.5 0.375 0.312	191	0.124 0.5 0.316	41.8 -18.9 -6.7	20.1 199.6	0.728 0.0 0.361 0.605	180 0.0 1.0 0.509	54.7 -50.5 -18.0 53.6 199.6
121	G50B_050_037de	0.125 0.5 0.5	0.5 0.375 0.312	210	0.124 0.5 0.392	42.4 -15.7 -11.8	19.6 216.9	0.706 0.0 0.211 0.614	193 0.0 1.0 0.712	56.3 -41.9 -31.5 52.4 216.9
122	G61B_062_050de	0.125 0.5 0.625	0.625 0.5 0.375	224	0.125 0.625 0.581	47.7 -17.4 -20.6	27.0 229.7	0.765 0.0 0.078 0.484	205 0.0 1.0 0.912	57.4 -34.9 -41.3 54.1 229.7
123	G69B_075_062de	0.125 0.5 0.75	0.75 0.625 0.437	233	0.125 0.686 0.75	51.3 -17.7 -28.3	33.4 237.9	0.81 0.066 0.0 0.352	215 0.0 0.898 1.0	55.4 -28.3 -45.3 53.5 237.9
124	G75B_087_075de	0.125 0.5 0.875	0.875 0.75 0.5	240	0.125 0.683 0.875	52.7 -16.4 -34.2	37.9 244.3	0.856 0.204 0.0 0.203	224 0.0 0.744 1.0	51.1 -21.9 -45.6 50.6 244.3
125	G79B_100_087de	0.125 0.5 1.0	1.0 0.875 0.562	245	0.125 0.702 1.0	54.3 -15.5 -40.2	43.1 248.9	0.891 0.288 0.0 0.006	229 0.0 0.659 1.0	48.3 -17.7 -45.9 49.2 248.9
126	Y81G_062_062de	0.125 0.625 0.0	0.625 0.625 0.312	139	0.077 0.625 0.0	42.3 -35.1 20.7	40.8 149.4	0.813 0.0 0.87 0.494	143 0.123 1.0 0.0	56.6 -56.2 33.2 65.3 149.4
127	G00B_062_050de	0.125 0.625 0.125	0.625 0.5 0.375	150	0.125 0.625 0.13	44.8 -34.5 11.0	36.3 162.2	0.829 0.0 0.748 0.444	150 0.0 1.0 0.011	51.7 -69.1 22.1 72.6 162.2
128	G11B_062_050de	0.125 0.625 0.25	0.625 0.5 0.375	164	0.125 0.625 0.24	45.4 -31.3 2.7	31.4 175.0	0.825 0.0 0.609 0.448	162 0.0 1.0 0.23	52.9 -62.6 5.4 62.8 175.0
129	G25B_062_050de	0.125 0.625 0.375	0.625 0.5 0.375	180	0.125 0.625 0.326	46.0 -27.7 -4.6	28.1 189.6	0.815 0.0 0.478 0.457	173 0.0 1.0 0.403	54.0 -55.4 -9.3 56.2 189.6
130	G38B_062_050de	0.125 0.625 0.5	0.625 0.5 0.375	196	0.125 0.625 0.406	46.5 -24.2 -10.9	26.6 204.2	0.803 0.0 0.354 0.468	184 0.0 1.0 0.563	55.0 -48.5 -21.8 53.2 204.2
131	G50B_062_050de	0.125 0.625 0.625	0.625 0.5 0.375	210	0.125 0.625 0.481	47.1 -20.9 -15.7	26.2 216.9	0.784 0.0 0.241 0.478	193 0.0 1.0 0.712	56.3 -41.9 -31.5 52.4 216.9
132	G59B_075_062de	0.125 0.625 0.75	0.75 0.625 0.437	221	0.125 0.75 0.665	52.4 -22.8 -24.4	33.4 227.0	0.825 0.0 0.119 0.334	202 0.0 1.0 0.864	57.2 -36.4 -39.1 53.5 227.0
133	G65B_087_075de	0.125 0.625 0.875	0.875 0.75 0.5	229	0.125 0.875 0.87	57.7 -24.1 -33.6	41.4 234.3	0.859 0.005 0.0 0.191	209 0.0 1.0 0.993	57.8 -32.2 -44.8 55.2 234.3
134	G70B_100_087de	0.125 0.625 1.0	1.0 0.875 0.562	235	0.125 0.868 1.0	59.4 -23.1 -39.7	46.0 239.7	0.892 0.12 0.0 0.01	218 0.0 0.849 1.0	54.1 -26.4 -45.4 52.6 239.7
135	Y85G_075_075de	0.125 0.75 0.0	0.75 0.75 0.375	141	0.074 0.75 0.0	46.4 -44.1 23.7	50.1 151.7	0.867 0.0 0.924 0.347	144 0.099 1.0 0.0	55.7 -58.8 31.6 66.8 151.7
136	G00B_075_062de	0.125 0.75 0.125	0.75 0.625 0.437	150	0.125 0.75 0.132	49.0 -43.2 13.8	45.3 162.2	0.875 0.0 0.797 0.289	150 0.0 1.0 0.011	51.7 -69.1 22.1 72.6 162.2
137	G09B_075_062de	0.125 0.75 0.25	0.75 0.625 0.437	161	0.125 0.75 0.241	49.6 -40.1 5.4	40.4 172.2	0.875 0.0 0.673 0.292	160 0.0 1.0 0.288	53.2 -60.4 0.4 60.4 172.2
138	G19B_075_062de	0.125 0.75 0.375	0.75 0.625 0.437	173	0.125 0.75 0.332	50.1 -36.6 -20.1	36.6 183.2	0.87 0.0 0.561 0.3	168 0.0 1.0 0.331	53.5 -58.6 -3.2 58.7 183.2
139	G30B_075_062de	0.125 0.75 0.5	0.75 0.625 0.437	187	0.125 0.					

http://130.149.60.45/~farbmatrik/SE15/SE15L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FA.DAT in file (F), page 22/33

n	HIC*Fde	rgb_Fde	ict_Fde	hst_Fde	rgb*Fde	LabCh*Fde	cmyn*sep_Fde	hst_Mde	rgb*Mde	LabCh*Mde										
162	R00Y_025_025de	0.25	0.0	0.0	0.25	0.25	0.032	25.8	16.5	7.9	18.3	25.4								
163	R00Y_025_025de	0.25	0.0	0.125	0.25	0.25	0.125	25.7	18.1	-2.5	18.3	352.0								
164	B50R_025_025de	0.25	0.0	0.25	0.25	0.25	0.125	330	0.105	0.0	0.25	22.6	12.5	-7.6	14.6	328.6				
165	B34R_037_037de	0.25	0.0	0.375	0.375	0.375	0.187	311	0.084	0.0	0.375	22.6	13.1	-15.3	20.2	310.5				
166	B25R_050_050de	0.25	0.0	0.5	0.5	0.5	0.25	300	0.027	0.0	0.5	23.2	13.4	-23.0	26.6	300.1				
167	B19R_062_062de	0.25	0.0	0.625	0.625	0.625	0.312	293	0.0	0.026	0.625	23.2	13.0	-29.9	32.6	293.5				
168	B15R_075_075de	0.25	0.0	0.75	0.75	0.75	0.375	289	0.0	0.088	0.75	25.5	12.8	-35.7	37.9	289.7				
169	B13R_087_087de	0.25	0.0	0.875	0.875	0.875	0.437	286	0.0	0.139	0.875	28.0	12.6	-41.6	43.5	286.9				
170	B11R_100_100de	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.185	1.0	30.3	12.7	-47.5	49.1	285.0				
171	R50Y_025_025de	0.25	0.125	0.0	0.25	0.25	0.125	360	0.25	0.004	0.25	8.25	16.5	58.8	0.0	0.521	0.7629			
172	R00Y_025_012de	0.25	0.125	0.125	0.25	0.125	0.187	300	0.25	0.124	0.141	31.9	8.2	3.9	9.1	25.4	0.0	0.483	0.364	
173	B50R_025_012de	0.25	0.125	0.25	0.25	0.125	0.187	330	0.177	0.124	0.25	30.3	6.2	-3.8	7.3	328.6	0.108	0.402	0.0	0.83
174	B25R_037_025de	0.25	0.125	0.375	0.375	0.25	0.25	300	0.138	0.124	0.375	30.1	6.7	-11.5	13.3	300.1	0.486	0.518	0.0	0.753
175	B15R_050_037de	0.25	0.125	0.5	0.5	0.375	0.312	289	0.124	0.169	0.5	31.7	6.4	-17.8	18.9	289.7	0.64	0.545	0.0	0.646
176	B11R_062_050de	0.25	0.125	0.625	0.625	0.5	0.375	284	0.125	0.217	0.625	34.1	6.3	-23.7	24.5	285.0	0.728	0.567	0.0	0.51
177	B09R_075_062de	0.25	0.125	0.75	0.75	0.625	0.437	281	0.125	0.265	0.75	36.5	6.3	-29.5	30.2	282.1	0.79	0.595	0.0	0.371
178	B07R_087_075de	0.25	0.125	0.875	0.875	0.75	0.5	279	0.125	0.312	0.875	38.9	6.3	-35.2	35.8	280.2	0.836	0.602	0.0	0.212
179	B06R_100_087de	0.25	0.125	1.0	1.0	0.875	0.562	278	0.125	0.354	1.0	41.1	6.7	-41.1	41.7	279.3	0.875	0.617	0.0	0.007
180	Y00G_025_025de	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.217	0.0	35.1	-0.8	20.9	20.9	92.3	0.7	0.343	0.686	0.75
181	Y00G_025_012de	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.233	0.124	36.5	0.4	10.4	10.4	92.3	0.0	0.139	0.508	0.797
182	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	0.0	0.0	0.003	0.053	0.81
183	B00R_037_012de	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.294	0.375	40.2	0.1	-5.8	5.8	271.7	0.207	0.133	0.0	0.75
184	B00R_050_025de	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.339	0.5	42.5	0.3	-11.6	11.6	271.7	0.424	0.271	0.0	0.641
185	B00R_062_037de	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.384	0.625	44.8	0.5	-17.4	17.4	271.7	0.547	0.347	0.0	0.509
186	B00R_075_050de	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.429	0.75	47.0	0.7	-23.3	23.3	271.7	0.637	0.408	0.0	0.368
187	B00R_087_062de	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.473	0.875	49.3	0.8	-29.1	29.1	271.7	0.697	0.438	0.0	0.214
188	B00R_100_075de	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.518	1.0	51.6	1.0	-34.9	34.9	271.7	0.736	0.463	0.0	0.028
189	Y31G_037_037de	0.25	0.375	0.0	0.375	0.375	0.187	109	0.198	0.375	0.0	39.4	-10.7	23.7	26.0	114.4	0.06	0.0	0.712	0.725
190	Y50G_037_025de	0.25	0.375	0.125	0.375	0.25	0.25	120	0.212	0.375	0.124	40.4	-9.7	12.7	16.0	127.2	0.308	0.0	0.603	0.728
191	G00B_037_012de	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.251	42.1	-8.6	2.7	9.0	162.2	0.372	0.0	0.37	0.706
192	G50B_037_012de	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.339	42.7	-5.2	-3.9	6.5	216.9	0.308	0.0	0.123	0.722
193	G75B_050_025de	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.436	0.5	46.1	-5.4	-11.4	12.6	244.3	0.453	0.066	0.0	0.633
194	G84B_062_037de	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.466	0.625	48.0	-4.8	-17.3	18.0	254.3	0.564	0.214	0.0	0.503
195	G88B_075_050de	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.509	0.75	50.2	-4.5	-23.1	23.6	258.9	0.649	0.296	0.0	0.386
196	G90B_087_062de	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.552	0.875	52.4	-4.2	-29.0	29.3	261.6	0.707	0.355	0.0	0.208
197	G92B_100_075de	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.596	1.0	54.7	-3.9	-34.8	35.1	263.5	0.742	0.398	0.0	0.018
198	Y50G_050_050de	0.25	0.5	0.0	0.5	0.5	0.25	120	0.175	0.5	0.0	42.9	-19.4	25.5	32.1	127.2	0.519	0.0	0.801	0.619
199	Y68G_050_037de	0.25	0.5	0.125	0.5	0.375	0.312	131	0.21	0.5	0.124	43.8	-18.4	15.3	23.9	140.0	0.543	0.0	0.704	0.607
200	G00B_050_025de	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.252	46.2	17.2	5.5	18.1	162.2	0.57	0.0	0.57	0.52
201	G25B_050_025de	0.25	0.5	0.375	0.5	0.375	0.5	180	0.249	0.5	0.386	46.8	-37.5	2.3	14.0	189.3	0.542	0.0	0.336	0.584
202	G50B_050_025de	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.428	47.4	-10.4	-7.8	13.1	216.9	0.507	0.0	0.158	0.604
203	G65B_062_037de	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.625	0.62	52.7	-12.0	-16.8	20.7	234.3	0.589	0.0	0.019	0.484
204	G75B_075_050de	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.622	0.75	54.3	-10.9	-22.8	25.3	244.3	0.661	0.137	0.0	0.362
205	G80B_087_062de	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.64	0.875	55.9	-10.0	-28.7	30.4	250.7	0.72	0.242	0.0	0.209
206	G84B_100_075de	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.683	1.0	58.1	-9.6	-34.7	36.0	254.3	0.755	0.307	0.0	0.014
207	Y61G_062_062de	0.25	0.625	0.0	0.625	0.625	0.312	127	0.172	0.625	0.0	46.0	-28.4	28.0	39.9	135.4	0.659	0.0	0.874	0.485
208	Y76G_062_050de	0.25	0.625	0.125	0.625	0.5	0.375	136	0.206	0.625	0.125	47.9	-26.8	18.1	32.4	145.9	0.659	0.0	0.768	0.463
209	G00B_062_037de	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.254	50.4	-25.9	8.3	27.2	162.2	0.68	0.0	0.61	0.422
210	G15B_062_037de	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.358	51.0	-22.6	0.1	22.6	179.5	0.67	0.0	0.466	0.432
211	G34B_062_037de	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.441	51.5	-18.9	-6.7	20.1	199.6	0.647	0.0	0.322	0.452
212	G50B_062_037de	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.517	52.1	-15.7	-11.8	19.6	216.9	0.623	0.0	0.186	0.465
213	G61B_075_050de	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.75	0.706	57.4	-17.4	-20.6	27.0	229.7	0.682	0.0	0.073	0.334
214	G69B_087_062de	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.811	0.875	61.0	-17.7	-28.3	33.4	237.9	0.732	0.061	0.0	0.196
215	G75B_100_075de	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.808	1.0	62.4	-16.4	-34.2	37.9	244.3	0.767	0.173	0.0	0.017
216	Y68G_075_075de	0.25	0.75	0.0	0.75	0.75	0.375	131	0.171	0.75	0.0	49.7	-36.8	30.7	47.9	140.0	0.736	0.0	0.923	0.35
217	Y81G_075_062de	0.25	0.75	0.125	0.75	0.625	0.437	139	0.202	0.75	0.125	52.1	-35.1	20.7	40.8	149.4	0.738	0.0	0.815	0.314
218	G00B_075_050de	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.255	54.5	-34.5	11.0	36.3	162.2	0.757	0.0	0.672	0.259
219	G11B_075_050de	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.365	55.1	-31.3	2.7	31.4	175.0	0.752	0.0	0.548	0.27
220	G25B_075_050de	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.451	56.7	-27.7	-4.6	28.1	189.6	0.739	0.0	0.428	0.287
221	G38B_075_050de	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.531	55.2	-24.2	-10.9	26.6	204.2	0.724	0.0	0.317	0.301
222	G50B_075_050de	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.606	56.8	-20.9	-15.7	26.2	216.9	0.703	0.0	0.207	0.315
223	G59B_087_062de	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.875	0.79	62.1	-22.8	-24.4	33.4	227.0	0.749	0.0	0.108	0.174
224	G65B_100_075de	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	1.0	0.995	67.4	-24.1							

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

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

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/>

http://130.149.60.45/~farbmetrik/SE15/SE15L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FA.DAT in file (F), page 23/33

SE1511A

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

	n	HIC*Fde	rgb_Fde	icf_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	cmyn*sep.Fde	hsiMde	rgb*Mde	LabCh*Mde																		
243	R00Y_037_037de	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	0.0	0.751	0.674	0.683	383	1.0	0.0	0.131	47.6	66.3	51.6	73.4	25.4
244	R18Y_037_037de	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	0.0	0.745	0.363	0.691	352	1.0	0.0	0.617	48.0	70.7	51.3	70.9	4.3
245	B65R_037_037de	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	0.0	0.688	0.0	0.747	315	0.747	0.0	1.0	43.2	66.6	-15.8	68.5	346.6
246	B50R_037_037de	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	0.343	0.686	0.0	0.75	294	0.42	0.0	1.0	34.9	50.0	-30.5	58.6	328.6
247	B38R_050_050de	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	0.642	0.798	0.0	0.623	285	0.281	0.0	1.0	30.9	39.1	-38.6	55.0	315.3
248	B30R_062_062de	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	0.778	0.855	0.0	0.499	277	0.144	0.0	1.0	28.1	32.2	-43.0	53.7	306.8
249	B25R_075_075de	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	0.895	0.904	0.0	0.363	272	0.055	0.0	1.0	26.2	26.8	-46.1	53.3	300.1
250	B20R_087_087de	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	0.961	0.942	0.0	0.207	269	0.0	0.004	1.0	25.0	22.7	-47.8	52.9	295.4
251	B18R_100_100de	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.061	1.0	26.5	19.9	-47.8	51.8	292.5	1.0	0.938	0.0	0.0	266	0.0	0.061	1.0	26.5	19.9	-47.8	51.8	292.5
252	R31Y_037_037de	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	0.0	0.671	0.747	0.688	383	1.0	0.0	0.131	47.6	66.3	51.6	73.4	25.4
253	R00Y_037_025de	0.375	0.125	0.125	0.375	0.375	0.25	390	0.375	0.124	0.157	35.5	16.5	7.9	18.3	25.4	0.0	0.617	0.479	0.682	383	1.0	0.0	0.131	47.6	66.3	51.6	73.4	25.4
254	R00Y_037_025de	0.375	0.125	0.25	0.375	0.375	0.25	360	0.362	0.124	0.375	35.4	18.1	-2.5	18.3	352.0	0.0	0.608	0.135	0.699	383	0.948	0.0	1.0	37.2	47.7	-10.1	73.5	352.0
255	B50R_037_025de	0.375	0.125	0.375	0.375	0.375	0.25	330	0.23	0.124	0.375	32.3	12.5	-7.6	14.6	328.6	0.189	0.559	0.0	0.749	294	0.42	0.0	1.0	34.9	50.0	-30.5	58.6	328.6
256	B34R_050_037de	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	0.499	0.635	0.0	0.637	282	0.225	0.0	1.0	29.5	35.1	-41.0	54.0	310.5
257	B25R_062_050de	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	0.675	0.683	0.0	0.506	272	0.055	0.0	1.0	26.2	26.8	-46.1	53.3	300.1
258	B19R_075_062de	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	0.781	0.709	0.0	0.371	267	0.0	0.042	1.0	26.0	20.8	-47.8	52.2	293.5
259	B15R_087_075de	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	0.832	0.706	0.0	0.213	263	0.0	0.117	1.0	27.9	17.1	-47.6	50.6	289.7
260	B13R_100_087de	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	43.5	286.9	0.877	0.715	0.0	0.008	261	0.0	0.159	1.0	29.3	14.4	-47.6	49.7	286.9
261	R68Y_037_037de	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	0.0	0.452	0.751	0.684	61	1.0	0.522	0.0	69.3	22.0	64.7	68.3	71.1
262	R50Y_037_025de	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	0.0	0.442	0.597	0.69	51	1.0	0.378	0.0	62.5	34.1	56.6	66.1	58.8
263	R00Y_037_012de	0.375	0.25	0.25	0.375	0.375	0.125	312	0.375	0.249	0.266	41.6	8.2	3.9	9.1	25.4	0.0	0.384	0.3	0.693	383	1.0	0.0	0.131	47.6	66.3	51.6	73.4	25.4
264	B50R_037_012de	0.375	0.25	0.375	0.375	0.375	0.125	312	0.302	0.249	0.375	40.0	6.2	-3.8	7.3	328.6	0.009	0.291	0.0	0.749	294	0.42	0.0	1.0	34.9	50.0	-30.5	58.6	328.6
265	B25R_050_025de	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	0.382	0.434	0.0	0.638	272	0.055	0.0	1.0	26.2	26.8	-46.1	53.3	300.1
266	B15R_062_037de	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	0.53	0.485	0.0	0.507	263	0.0	0.117	1.0	27.9	17.1	-47.6	50.6	289.7
267	B11R_075_050de	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	0.631	0.517	0.0	0.363	259	0.0	0.185	1.0	30.3	12.7	-47.5	49.1	285.0
268	B09R_087_062de	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	0.689	0.531	0.0	0.211	257	0.0	0.224	1.0	31.8	10.1	-47.2	48.3	282.1
269	B07R_100_075de	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	0.73	0.539	0.0	0.024	256	0.0	0.25	1.0	32.7	8.5	-47.0	47.8	280.2
270	Y00G_037_037de	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	31.4	92.3	0.0	0.15	0.75	0.685	83	1.0	0.868	0.0	85.1	-3.3	83.7	83.7	92.3
271	Y00G_037_025de	0.375	0.375	0.125	0.375	0.375	0.25	90	0.375	0.342	0.124	44.9	-0.8	20.9	20.9	92.3	0.0	0.172	0.658	0.694	83	1.0	0.868	0.0	85.1	-3.3	83.7	83.7	92.3
272	Y00G_037_012de	0.375	0.375	0.25	0.375	0.375	0.125	312	0.375	0.358	0.249	46.3	-0.4	10.4	10.4	92.3	0.0	0.122	0.415	0.701	83	1.0	0.868	0.0	85.1	-3.3	83.7	83.7	92.3
273	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	0.0	0.0	0.016	0.067	0.714	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
274	B00R_050_012de	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.419	0.5	50.0	0.1	-5.8	5.8	271.7	0.187	0.111	0.0	0.641	249	0.0	0.358	1.0	36.7	1.4	-46.6	46.6	271.7
275	B00R_062_025de	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.464	0.625	52.2	0.3	-11.6	11.6	271.7	0.367	0.222	0.0	0.517	249	0.0	0.358	1.0	36.7	1.4	-46.6	46.6	271.7
276	B00R_075_037de	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.509	0.75	54.5	0.5	-17.4	17.4	271.7	0.49	0.295	0.0	0.38	249	0.0	0.358	1.0	36.7	1.4	-46.6	46.6	271.7
277	B00R_087_050de	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.554	0.875	56.8	0.7	-23.3	23.3	271.7	0.58	0.345	0.0	0.221	249	0.0	0.358	1.0	36.7	1.4	-46.6	46.6	271.7
278	B00R_100_062de	0.375	0.375																										

http://130.149.60.45/~farbmetrik/SE15/SE15L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FA.DAT in file (F), page 24/33

	HIC*Fde	rgb_Fde	ict_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	cmyn*sep_Fde	hsi_Mde	rgb*Mde	LabCh*Mde								
324	R00Y_050_050de	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	0.131	47.6	66.3	31.6	73.4	25.4	
325	R26Y_050_050de	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.125	0.0	0.486	47.8	69.5	12.1	70.6	9.8
326	R00Y_050_050de	0.5	0.0	0.25	0.5	0.5	0.25	360	0.474	0.0	0.5	29.9	36.3	-5.0	36.7	352.0		
327	B61R_050_050de	0.5	0.0	0.375	0.5	0.5	0.25	344	0.331	0.0	0.5	32.8	31.0	-10.1	32.6	341.8		
328	B50R_050_050de	0.5	0.0	0.5	0.5	0.5	0.25	330	0.21	0.0	0.5	26.7	25.0	-15.2	29.3	328.6		
329	B40R_062_062de	0.5	0.0	0.625	0.625	0.625	0.312	319	0.191	0.0	0.625	26.7	25.9	-23.2	34.8	318.1		
330	B34R_075_075de	0.5	0.0	0.75	0.75	0.75	0.375	311	0.169	0.0	0.75	26.8	26.3	-30.7	40.5	310.5		
331	B29R_087_087de	0.5	0.0	0.875	0.875	0.875	0.437	305	0.098	0.0	0.875	26.4	26.8	-38.4	46.9	304.9		
332	B25R_100_100de	0.5	0.0	1.0	1.0	1.0	0.5	300	0.055	0.0	1.0	26.2	26.8	-46.1	53.3	300.1		
333	B20Y_050_050de	0.5	0.125	0.0	0.5	0.5	0.25	300	0.186	0.0	0.0	36.0	26.3	24.9	34.8	41.0		
334	R00Y_050_037de	0.5	0.125	0.125	0.5	0.375	0.82	300	0.5	0.124	0.174	39.9	24.8	11.8	27.5	25.4		
335	R18Y_050_037de	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.356	39.3	26.5	2.0	26.5	4.3		
336	B65R_050_037de	0.5	0.125	0.375	0.5	0.375	0.312	349	0.405	0.124	0.5	37.5	24.9	-5.9	25.6	346.6		
337	B50R_050_037de	0.5	0.125	0.5	0.5	0.375	0.312	330	0.282	0.124	0.5	34.4	18.7	-11.4	21.9	328.6		
338	B38R_062_050de	0.5	0.125	0.625	0.625	0.5	0.375	316	0.265	0.125	0.625	34.4	19.5	-19.3	27.5	315.3		
339	B30R_075_062de	0.5	0.125	0.75	0.75	0.625	0.437	307	0.215	0.125	0.75	34.3	20.1	-26.8	33.5	306.8		
340	B25R_087_075de	0.5	0.125	0.875	0.875	0.75	0.5	300	0.166	0.125	0.875	34.0	20.1	-34.5	40.0	300.1		
341	B20R_100_087de	0.5	0.125	1.0	1.0	0.875	0.562	295	0.125	0.128	1.0	34.0	19.9	-41.8	46.3	295.4		
342	R50Y_050_050de	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.189	0.0	40.5	17.0	28.3	33.0	58.8		
343	R31Y_050_037de	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.216	0.124	42.4	17.4	18.4	25.3	46.6		
344	R00Y_050_025de	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.282	45.2	16.5	7.9	18.3	25.4		
345	R00Y_050_025de	0.5	0.25	0.375	0.5	0.25	0.375	360	0.487	0.249	0.5	45.1	18.1	-2.5	18.3	352.0		
346	B50R_050_025de	0.5	0.25	0.5	0.5	0.25	0.375	330	0.355	0.249	0.5	42.1	12.5	-7.6	14.6	328.6		
347	B34R_062_037de	0.5	0.25	0.625	0.625	0.375	0.437	311	0.334	0.25	0.625	42.1	13.1	-15.3	20.2	310.5		
348	B25R_075_050de	0.5	0.25	0.75	0.75	0.5	0.5	300	0.277	0.25	0.75	41.8	13.4	-23.0	26.6	300.1		
349	B19R_087_062de	0.5	0.25	0.875	0.875	0.625	0.562	293	0.25	0.276	0.875	42.6	13.0	-29.9	32.6	293.5		
350	B15R_100_075de	0.5	0.25	1.0	1.0	0.75	0.625	289	0.25	0.338	1.0	45.0	12.8	-35.7	37.9	289.7		
351	R76Y_050_050de	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.292	0.0	45.6	8.1	34.5	35.4	76.7		
352	R68Y_050_037de	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.32	0.124	47.3	8.2	24.2	25.6	71.1		
353	R50Y_050_025de	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.344	0.249	49.0	8.5	14.1	16.5	58.8		
354	R00Y_050_012de	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.391	51.3	8.2	3.9	9.1	25.4		
355	B50R_050_012de	0.5	0.375	0.5	0.5	0.125	0.437	330	0.427	0.375	0.5	49.7	6.2	-3.8	7.3	328.6		
356	B25R_062_025de	0.5	0.375	0.625	0.625	0.25	0.5	300	0.388	0.375	0.625	49.6	6.7	-11.5	13.3	300.1		
357	B15R_075_037de	0.5	0.375	0.75	0.75	0.375	0.562	289	0.375	0.419	0.75	51.2	6.4	-17.8	18.9	289.7		
358	B11R_087_050de	0.5	0.375	0.875	0.875	0.5	0.625	284	0.375	0.467	0.875	53.6	6.3	-23.7	24.5	285.0		
359	B09R_100_062de	0.5	0.375	1.0	1.0	0.625	0.687	281	0.375	0.515	1.0	56.0	6.3	-29.5	30.2	282.1		
360	Y00G_050_050de	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.434	0.0	51.8	-1.6	41.8	41.8	92.3		
361	Y00G_050_037de	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.45	0.124	53.2	-1.2	31.3	31.4	92.3		
362	Y00G_050_025de	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.467	0.249	54.6	-0.9	20.9	20.9	92.3		
363	Y00G_050_012de	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.483	0.375	56.5	-0.4	10.4	10.4	92.3		
364	NW_050de	0.5	0.5	0.5	0.5	0.5	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	0.0		
365	B00R_062_012de	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.544	0.625	59.7	0.1	-5.8	5.8	271.7		
366	B00R_075_025de	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.589	0.75	62.0	0.3	-11.6	11.6	271.7		
367	B00R_087_037de	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.634	0.875	64.2	0.5	-17.4	17.4	271.7		
368	B00R_100_050de	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.679	1.0	66.5	0.7	-23.3	23.3	271.7		
369	Y18C_062_062de	0.5	0.625	0.0	0.625	0.625	0.312	101	0.435	0.625	0.0	57.7	-12.6	46.7	48.3	105.1		
370	Y23C_062_050de	0.5	0.625	0.125	0.625	0.5	0.375	104	0.432	0.625	0.125	57.8	-11.8	35.2	37.2	108.6		
371	Y31C_062_037de	0.5	0.625	0.25	0.625	0.375	0.437	109	0.448	0.625	0.25	58.9	-10.7	23.7	26.0	114.4		
372	Y50G_062_025de	0.5	0.625	0.375	0.625	0.25	0.5	120	0.462	0.625	0.375	59.9	-9.7	12.7	16.0	127.2		
373	G00B_062_012de	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.501	61.6	-8.6	2.7	9.0	162.2		
374	G50B_062_012de	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.589	62.1	-5.2	-3.9	6.5	216.9		
375	G75B_075_025de	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.686	0.75	65.6	-5.4	-11.4	12.6	244.3		
376	G84B_087_037de	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.716	0.875	67.5	-4.8	-17.3	18.0	254.3		
377	G88B_100_050de	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.759	1.0	69.7	-4.5	-23.1	23.6	258.9		
378	Y31C_075_075de	0.5	0.75	0.0	0.75	0.75	0.375	109	0.396	0.75	0.0	60.3	-21.5	47.4	52.1	114.4		
379	Y38C_075_062de	0.5	0.75	0.125	0.75	0.625	0.437	113	0.411	0.75	0.125	61.5	-20.2	36.4	41.7	119.1		
380	Y50C_075_050de	0.5	0.75	0.25	0.75	0.5	0.5	120	0.425	0.75	0.25	62.3	-19.4	25.5	32.1	127.2		
381	Y68C_075_037de	0.5	0.75	0.375	0.75	0.375	0.562	131	0.46	0.75	0.375	63.3	-18.4	15.3	23.9	140.0		
382	G00B_075_025de	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.502	65.7	-17.2	5.5	18.1	162.2		
383	G25B_075_025de	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.6	66.3	-13.8	-2.3	14.0	189.6		
384	G50B_075_025de	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.678	66.9	-10.4	-7.8	13.1	216.9		
385	G65B_087_037de	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.875	0.872	72.2	-12.0	-16.8	20.7	234.3		
386	G75B_100_050de	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.872	1.0	73.7	-10.9	-22.8	25.3	244.3		
387	Y41C_087_087de	0.5	0.875	0.0	0.875	0.875	0.437	115	0.37	0.875	0.0	64.0	-30.0	49.0	57.5	121.4		
388	Y50C_087_075de	0.5	0.875	0.125	0.875	0.75	0.5	120	0.387	0.875	0.125	64.8	-29.1	38.3	48.2	127.2		
389	Y61C_087_062de	0.5	0.875	0.25	0.875	0.625	0.562	127	0.422	0.875	0.25	65.4	-28.4	28.0	39.9	135.4		
390	Y76C_087_050de	0.5	0.875	0.375	0.875	0.5	0.625	136	0.456	0.875	0.375	67.4	-26.8	18.1	32.4	145.9		
391	G00B_087_037de	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.504	69.9	-25.9	8.1	27.2	162.2		
392	G15B_087_037de	0.5	0.875	0.625	0.875	0.5	0.625	169	0.5	0.875	0.608	70.5	-22.6	0.1	22.2	168.5		
393	G34B_087_037de	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.691	71.0	-18.9	16.7	20.1	199.6		
394	G50B_087_037de	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.677	71.6	-15.7	-11.8	19.6	216.9		
395	G61B_100_050de	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	1.0	0.956	76.9	-17.4	-20.6	27.0	229.7		
396	Y50C_100_100de	0.5	1.0	0.0	1.0	1.0	0.5	120	0.35	1.0	0.0	67.2	-38.9	51.1	64.2	127.2		
397	Y58C_100_087de																	

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

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

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>

http://130.149.60.45/~farbmetrik/SE15/SE15L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FA.DAT in file (F), page 25/33

SE1511A

TUB registration: 20130201-SE15/SE15L0FA.TXT /.PS
application for measurement of offset print output, separationcyan6* (CMYK)

TUB material: code=rha4ta

n	HIC*Fde	rgb_Fde	ict_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	cmym*sep.Fde	hsi_Mde	rgb*Mde	LabCh*Mde	
405	R00Y_062_062de	0.625 0.0	0.0	0.625 0.625 0.312	390	0.625 0.0 0.082	36.7 41.4 19.7	45.9 25.4 0.0	0.891 0.786 0.444	383 1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4
406	R31Y_062_062de	0.625 0.0	0.125	0.625 0.625 0.312	379	0.625 0.0 0.258	36.8 42.9 10.1	44.1 13.2 0.0	0.889 0.561 0.448	365 1.0 0.0 0.414	47.8 68.7 16.1 70.6 13.2
407	R11Y_062_062de	0.625 0.0	0.25	0.625 0.625 0.312	367	0.625 0.0 0.46	37.0 44.9 -0.1	44.9 359.8 0.0	0.887 0.307 0.454	344 1.0 0.0 0.736	48.1 71.9 -0.1 71.9 359.8
408	B69R_062_062de	0.625 0.0	0.375	0.625 0.625 0.312	353	0.548 0.0 0.625	35.6 44.2 -7.4	44.8 350.4 0.0	0.868 0.047 0.498	323 0.877 0.0 1.0	45.9 70.7 -11.9 71.7 350.4
409	B59R_062_062de	0.625 0.0	0.5	0.625 0.625 0.312	341	0.382 0.0 0.625	31.9 37.0 -14.1	39.6 339.0 0.299	0.869 0.0 0.496	307 0.612 0.0 1.0	39.9 59.2 -22.6 63.4 339.0
410	B50R_062_062de	0.625 0.0	0.625	0.625 0.625 0.312	330	0.262 0.0 0.625	28.8 31.2 -19.0	36.6 328.6 0.48	0.868 0.0 0.498	294 0.42 0.0 1.0	34.9 50.0 -30.5 58.6 328.6
411	B42R_075_075de	0.625 0.0	0.75	0.75 0.75 0.375	321	0.242 0.0 0.75	28.7 32.3 -27.0	42.1 320.0 0.622	0.921 0.0 0.357	288 0.323 0.0 1.0	32.2 43.0 -36.0 56.1 320.0
412	B36R_087_087de	0.625 0.0	0.875	0.875 0.875 0.375	314	0.231 0.0 0.875	28.9 32.8 -34.6	47.7 313.4 0.732	0.96 0.0 0.201	284 0.264 0.0 1.0	30.4 37.5 -39.6 54.5 313.4
413	B31R_100_100de	0.625 0.0	1.0	1.0 1.0 0.5	308	0.164 0.0 1.0	28.5 32.9 -42.5	53.8 307.7 0.834	1.0 0.0 0.0	278 0.164 0.0 1.0	28.5 32.9 -42.5 53.8 307.7
414	R18Y_062_062de	0.625 0.125	0.0	0.625 0.625 0.312	41	0.625 0.081 0.0	39.3 35.1 27.1	44.4 37.7 0.0	0.814 0.89 0.445	36 1.0 0.13 0.0	51.7 56.1 43.4 71.0 37.7
415	R00Y_062_050de	0.625 0.125	0.125	0.625 0.5 0.375	390	0.625 0.125 0.19	42.8 33.1 15.8	36.7 25.4 0.0	0.759 0.621 0.429	383 1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4
416	R26Y_062_050de	0.625 0.125	0.25	0.625 0.5 0.375	376	0.625 0.125 0.368	42.9 34.7 6.0	35.3 9.8 0.0	0.759 0.414 0.436	360 1.0 0.0 0.486	47.8 65.9 12.1 70.6 9.8
417	R00Y_062_050de	0.625 0.125	0.375	0.625 0.5 0.375	360	0.599 0.125 0.625	42.6 36.3 -5.0	36.7 352.0 0.0	0.752 0.111 0.457	327 0.948 0.0 1.0	47.3 72.7 -10.1 73.5 352.0
418	B61R_062_050de	0.625 0.125	0.5	0.625 0.5 0.375	344	0.546 0.125 0.625	39.6 31.0 -10.1	32.6 341.8 0.135	0.718 0.0 0.507	310 0.663 0.0 1.0	41.2 62.0 -20.3 65.2 341.8
419	B50R_062_050de	0.625 0.125	0.625	0.625 0.5 0.375	330	0.335 0.125 0.625	36.4 25.0 -15.2	29.3 328.6 0.356	0.726 0.0 0.495	294 0.42 0.0 1.0	34.9 50.0 -30.5 58.6 328.6
420	B40R_075_062de	0.625 0.125	0.75	0.75 0.625 0.437	319	0.316 0.125 0.75	36.4 25.9 -23.2	34.8 318.1 0.532	0.784 0.0 0.348	287 0.306 0.0 1.0	31.7 41.5 -37.1 55.7 318.1
421	B34R_087_075de	0.625 0.125	0.875	0.875 0.75 0.5	311	0.294 0.125 0.875	36.5 26.3 -30.7	40.5 310.5 0.644	0.814 0.0 0.194	282 0.225 0.0 1.0	29.5 35.1 -41.0 54.0 310.5
422	B29R_100_087de	0.625 0.125	1.0	1.0 0.875 0.562	305	0.223 0.125 1.0	36.1 26.8 -38.4	46.9 304.9 0.734	0.852 0.0 0.005	275 0.112 0.0 1.0	27.5 30.6 -43.9 53.6 304.9
423	R38Y_062_062de	0.625 0.25	0.0	0.625 0.625 0.312	53	0.625 0.182 0.0	43.5 26.2 32.5	41.8 51.0 0.0	0.683 0.889 0.448	46 1.0 0.292 0.0	58.5 42.0 52.1 66.9 51.0
424	R23Y_062_050de	0.625 0.25	0.125	0.625 0.5 0.375	44	0.625 0.211 0.125	45.7 26.3 22.9	34.8 41.0 0.0	0.669 0.726 0.431	39 1.0 0.172 0.0	53.4 52.6 45.8 69.7 41.0
425	R00Y_062_037de	0.625 0.25	0.25	0.625 0.375 0.437	390	0.625 0.25 0.299	48.9 24.8 11.8	27.5 25.4 0.0	0.623 0.485 0.418	383 1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4
426	R18Y_062_037de	0.625 0.25	0.375	0.625 0.375 0.437	371	0.625 0.25 0.481	49.0 26.5 2.0	26.5 4.3 0.0	0.622 0.272 0.429	352 1.0 0.0 0.617	48.0 70.7 5.3 70.9 4.3
427	B65R_062_037de	0.625 0.25	0.5	0.625 0.375 0.437	349	0.53 0.25 0.625	47.2 24.9 -5.9	25.6 346.6 0.0	0.586 0.04 0.498	315 0.747 0.0 1.0	43.2 66.6 -15.8 68.5 346.6
428	B50R_062_037de	0.625 0.25	0.625	0.625 0.375 0.437	330	0.407 0.25 0.625	44.1 18.7 -11.4	21.9 328.6 0.244	0.56 0.0 0.51	294 0.42 0.0 1.0	34.9 50.0 -30.5 58.6 328.6
429	B38R_075_050de	0.625 0.25	0.75	0.75 0.5 0.5	316	0.39 0.25 0.75	44.1 19.5 -19.3	27.5 315.3 0.451	0.625 0.0 0.359	285 0.281 0.0 1.0	30.9 39.1 -38.6 55.0 315.3
430	B30R_087_062de	0.625 0.25	0.875	0.875 0.625 0.562	307	0.34 0.25 0.875	44.0 20.1 -26.8	33.5 306.8 0.588	0.672 0.0 0.201	277 0.144 0.0 1.0	28.1 32.2 -43.0 53.7 306.8
431	B25R_100_075de	0.625 0.25	1.0	1.0 0.75 0.625	300	0.291 0.25 1.0	43.7 20.1 -34.5	40.0 300.1 0.692	0.714 0.0 0.0	272 0.055 0.0 1.0	26.2 26.8 -46.1 53.3 300.1
432	R61Y_062_062de	0.625 0.375	0.0	0.625 0.625 0.312	67	0.625 0.294 0.0	48.6 16.6 38.5	41.9 66.6 0.0	0.548 0.89 0.446	58 1.0 0.47 0.0	66.7 26.5 61.6 67.1 66.6
433	R50Y_062_050de	0.625 0.375	0.125	0.625 0.5 0.375	60	0.625 0.314 0.125	50.2 17.0 28.3	33.0 58.8 0.0	0.532 0.756 0.433	51 1.0 0.378 0.0	62.5 34.1 56.6 66.1 58.8
434	R31Y_062_037de	0.625 0.375	0.25	0.625 0.375 0.437	49	0.625 0.341 0.25	52.1 17.4 18.4	25.3 46.6 0.0	0.52 0.578 0.422	43 1.0 0.242 0.0	56.3 46.4 49.1 67.6 46.6
435	R00Y_062_025de	0.625 0.375	0.375	0.625 0.25 0.5	390	0.625 0.375 0.407	55.0 16.5 7.9	18.3 25.4 0.0	0.474 0.352 0.42	383 1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4
436	R00Y_062_025de	0.625 0.375	0.5	0.625 0.25 0.5	360	0.612 0.375 0.625	54.9 18.1 -2.5	18.3 352.0 0.0	0.465 0.109 0.439	327 0.948 0.0 1.0	47.3 72.7 -10.1 73.5 352.0
437	B50R_062_025de	0.625 0.375	0.625	0.625 0.25 0.5	330	0.48 0.375 0.625	51.8 12.5 -7.6	14.6 328.6 0.12	0.39 0.0 0.517	294 0.42 0.0 1.0	34.9 50.0 -30.5 58.6 328.6
438	B34R_075_037de	0.625 0.375	0.75	0.75 0.375 0.562	311	0.459 0.375 0.75	51.8 13.1 -15.3	20.2 310.5 0.369	0.465 0.0 0.376	282 0.225 0.0 1.0	29.5 35.1 -41.0 54.0 310.5
439	B25R_087_050de	0.625 0.375	0.875	0.875 0.5 0.625	300	0.402 0.375 0.875	51.5 13.4 -23.0	26.6 300.1 0.534	0.525 0.0 0.211	272 0.055 0.0 1.0	26.2 26.8 -46.1 53.3 300.1
440	B19R_100_062de	0.625 0.375	1.0	1.0 0.625 0.687	293	0.375 0.401 1.0	52.4 13.0 -29.9	32.6 293.5 0.642	0.55 0.0 0.017	267 0.0 0.042 1.0	26.0 20.8 -47.8 52.2 293.5
441	R81Y_062_062de	0.625 0.5	0.0	0.625 0.625 0.312	79	0.625 0.388 0.0	53.7 7.8 44.6	45.2 80.0 0.0	0.407 0.892 0.442	68 1.0 0.622 0.0	74.8 12.5 71.3 72.4 80.0
442	R76Y_062_050de	0.625 0.5	0.125	0.625 0.5 0.375	76	0.625 0.417 0.125	55.3 8.1 34.5	35.4 76.7 0.0	0.383 0.784 0.433	65 1.0 0.584 0.0	72.7 16.2 69.0 70.9 76.7
443	R68Y_062_037de	0.625 0.5	0.25	0.625 0.375 0.437	71	0.625 0.445 0.25	57.0 8.2 24.2	25.6 71.1 0.0	0.36 0.618 0.431	61 1.0 0.522 0.0	69.3 22.0 64.7 68.3 71.1
444	R50Y_062_025de	0.625 0.5	0.375	0.625 0.25 0.5	60	0.625 0.469 0.375	58.7 8.5 14.1	16.5 58.8 0.0	0.336 0.437 0.432	51 1.0 0.378 0.0	62.5 34.1 56.6 66.1 58.8
445	R00Y_062_012de	0.625 0.5	0.5	0.625 0.125 0.562	390	0.625 0.5 0.516	61.1 8.2 3.9	9.1 25.4 0.0	0.287 0.21 0.437	383 1.0 0.0 0.131	47.6 66.3 31.6 73.4 25.4
446	B50R_062_012de	0.625 0.5	0.625	0.625 0.125 0.562	330	0.552 0.5 0.625	59.5 6.2 -3.8	7.3 328.6 0.0	0.197 0.0 0.509	294 0.42 0.0 1.0	34.9 50.0 -30.5 58.6 328.6
447	B25R_075_025de	0.625 0.5	0.75	0.75 0.25 0.625	300	0.513 0.5 0.75	59.3 6.7 -11.5	13.3 300.1 0.01	0.307 0.0 0.379	272 0.055 0.0 1.0	26.2 26.8 -46.1 53.3 300.1
448	B15R_087_037de	0.625 0.5	0.875	0.875 0.375 0.687	289	0.5 0.544 0.875	60.9 6.4 -17.8	18.9 289.7 0.434	0.353 0.0 0.221	263 0.0 0.117 1.0	27.9 17.1 -47.6 50.6 289.7
449	B11R_100_050de	0.625 0.5	1.0	1.0 0.5 0.75	284	0.5 0.592 1.0	63.3 6.3 -23.7	24.5 285.0 0.527	0.388 0.0 0.021	259 0.0 0.185 1.0	30.3 12.7 -47.5 49.1 285.0
450	Y00G_062_062de	0.625 0.625	0.0	0.625 0.625 0.312	90	0.625 0.542 0.0	60.1 -2.1 52.3	52.3 92.3 0.0	0.201 0.894 0.436	83 1.0 0.868 0.0	85.1 -3.3 83.7 83.7 92.3
451	Y00G_062_050de	0.625 0.625	0.125	0.625 0.5 0.375	90	0.625 0.559 0.125	61.5 -1.6 41.8	41.8 92.3 0.0	0.176 0.807 0.434	83 1.0 0.868 0.0	85.1 -3.3 83.7 83.7 92.3
452	Y00G_062_037de	0.625 0.625	0.25	0.625 0.375 0.437	90	0.625 0.575 0.25	62.9 -1.2 31.3	31.4 92.3 0.0	0.154 0.659 0.433	83 1.0 0.868 0.0	85.1 -3.3 83.7 83.7 92.3
453	Y00G_062_025de	0.625 0.625	0.375	0.625 0.25 0.5	90	0.625 0.592 0.375	64.3 -0.8 20.9	20.9 92.3 0.0	0.127 0.497 0.435	83 1.0 0.868 0.0	85.1 -3.3 83.7 83.7 92.3
454	Y00G_062_012de	0.625 0.625	0.5	0.625 0.125 0.562	90	0.625 0.608 0.5	65.7 -0.4 10.4	10.4 92.3 0.0	0.085 0.302 0.445	83 1.0 0.868 0.0	85.1 -3.3 83.7 83.7 92.3
455	NW_062de	0.625 0.625	0.625	0.625 0.0 0.625	360	0.625 0.625 0.625	67.1 0.0 0.0	0.0 0.0 0.0	0.014 0.045 0.469	360 1.0 1.0 1.0	96.3 0.0 0.0 0.0 0.0
456	B00R_075_012de	0.625 0.625	0.75	0.75 0.125 0.687	270	0.625 0.669 0.75	69.4 0.1 -5.8	5.8 271.7 0.139	0.078 0.0 0.377	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
457	B00R_087_025de	0.625 0.625	0.875	0.875 0.25 0.75	270	0.625 0.714 0.875	71.7 0.3 -11.6	11.6 271.7 0.299	0.166 0.0 0.217	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
458	B00R_100_037de	0.625 0.625	1.0	1.0 0.375 0.812	270	0.625 0.759 1.0	74.0 0.5 -17.4	17.4 271.7 0.409	0.225 0.0 0.032	249 0.0 0.358 1.0	36.7 1.4 -46.6 46.6 271.7
459	Y15G_075_075de	0.625 0.75	0.0	0.75 0.75 0.375	99	0.567 0.75 0.0	67.5 -13.2 58.1	59.5 102.7 0.168	0.0 0.924 0.349	103 0.756 1.0 0.0	83.8 -17.6 77.4 79.4 102.7
460	Y18G_075_062de	0.625 0.75	0.125	0.75 0.625 0.437	101	0.56 0.75 0.125	67.4 -12.6 46.7	48.3 105.1 0.185	0.0 0.836 0.356	107 0.696 1.0 0.0	81.2 -20.2 74.7 77.4 105.1
461	Y23G_075_050de	0.625 0.75	0.25	0.75 0.5 0.5	104	0.557 0.75 0.25	67.5 -11.8 35.2	37.2 108.6 0.203	0.0 0.706 0.36		

http://130.149.60.45/~farbmetrik/SE15/SE15L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FA.DAT in file (F), page 26/33

SE1511A

TUB registration: 20130201-SE15/SE15L0FA.TXT /.PS
application for measurement of offset print output, separationcyan6* (CMYK)

TUB material: code=rha4ta

n	HIC*Fde	rgb_Fde	icf_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	cmymn*sep.Fde	hsi_Mde	rgb*Mde	LabCh*Mde
486	R00Y_075_075de	0.75 0.0 0.0	0.75 0.75 0.375	390	0.75 0.0 0.098	40.3 49.7 23.7	55.1 25.4	0.0 0.936	0.811 0.306	383 47.6 66.3 31.6 73.4 25.4
487	R35Y_075_075de	0.75 0.0 0.125	0.75 0.75 0.375	381	0.75 0.0 0.274	40.5 51.1 14.1	53.0 15.4	0.0 0.935	0.605 0.309	368 47.8 68.1 18.8 70.7 15.4
488	R18Y_075_075de	0.75 0.0 0.25	0.75 0.75 0.375	371	0.75 0.0 0.463	40.6 53.0 4.0	53.1 4.3	0.0 0.934	0.404 0.313	352 48.0 70.7 5.3 70.9 4.3
489	R00Y_075_075de	0.75 0.0 0.375	0.75 0.75 0.375	360	0.711 0.0 0.75	40.1 54.5 -7.6	55.1 352.0	0.0 0.927	0.067 0.338	327 47.3 72.7 -10.1 73.5 352.0
490	B65R_075_075de	0.75 0.0 0.5	0.75 0.75 0.375	349	0.56 0.0 0.75	37.1 49.9 -11.8	51.3 346.6	0.149 0.915	0.0 0.376	315 43.2 66.6 -15.8 68.5 346.6
491	B57R_075_075de	0.75 0.0 0.625	0.75 0.75 0.375	339	0.431 0.0 0.75	33.8 43.1 -18.1	46.8 337.1	0.385 0.912	0.0 0.363	304 38.9 57.5 -24.2 62.4 337.1
492	B50R_075_075de	0.75 0.0 0.75	0.75 0.75 0.375	330	0.315 0.0 0.75	30.8 37.5 -22.8	43.9 328.6	0.507 0.92	0.0 0.362	294 34.9 50.0 -30.5 58.6 328.6
493	B43R_087_087de	0.75 0.0 0.875	0.875 0.875 0.437	322	0.29 0.0 0.875	30.7 38.3 -31.0	43.9 321.0	0.631 0.963	0.0 0.2	288 32.4 43.8 -35.4 56.4 321.0
494	B38R_100_100de	0.75 0.0 1.0	1.0 1.0 0.5	316	0.281 0.0 1.0	30.9 39.1 -38.6	55.0 315.3	0.715 1.0	0.0 0.0	285 30.9 39.1 -38.6 55.0 315.3
495	R15Y_075_075de	0.75 0.125 0.0	0.75 0.75 0.375	39	0.75 0.069 0.0	42.5 44.2 31.5	54.3 35.5	0.0 0.868	0.937 0.305	34 50.5 58.9 42.0 72.4 35.5
496	R00Y_075_062de	0.75 0.125 0.125	0.75 0.625 0.437	390	0.75 0.125 0.207	46.4 41.4 19.7	45.9 25.4	0.0 0.8	0.662 0.278	383 47.6 66.3 31.6 73.4 25.4
497	R31Y_075_062de	0.75 0.125 0.25	0.75 0.625 0.437	379	0.75 0.125 0.383	46.6 42.9 10.1	44.1 13.2	0.0 0.805	0.485 0.284	365 47.8 68.7 16.1 70.6 13.2
498	R11Y_075_062de	0.75 0.125 0.375	0.75 0.625 0.437	367	0.75 0.125 0.585	46.7 44.9 -0.1	44.9 359.8	0.0 0.805	0.279 0.288	344 45.1 71.9 -0.1 71.9 359.8
499	B69R_075_062de	0.75 0.125 0.5	0.75 0.625 0.437	353	0.673 0.125 0.75	45.4 44.2 -7.4	44.8 350.4	0.0 0.802	0.055 0.344	323 48.7 70.7 -11.9 71.7 350.4
500	B59R_075_062de	0.75 0.125 0.625	0.75 0.625 0.437	341	0.507 0.125 0.75	41.6 37.0 -14.1	39.6 339.0	0.445 0.779	0.0 0.368	307 39.9 59.2 -22.6 63.4 339.0
501	B50R_075_062de	0.75 0.125 0.75	0.75 0.625 0.437	330	0.387 0.125 0.75	38.5 31.2 -19.0	36.6 328.6	0.218 0.777	0.0 0.357	294 34.9 50.0 -30.5 58.6 328.6
502	B42R_087_075de	0.75 0.125 0.875	0.875 0.75 0.5	321	0.367 0.125 0.875	38.5 32.3 -27.0	42.1 320.0	0.559 0.814	0.0 0.189	288 32.2 43.0 -36.0 56.1 320.0
503	B36R_100_087de	0.75 0.125 1.0	1.0 0.875 0.562	314	0.356 0.125 1.0	38.6 32.8 -34.6	47.7 313.4	0.658 0.845	0.0 0.0	284 34.3 37.5 -39.6 54.5 313.4
504	R31Y_075_075de	0.75 0.25 0.0	0.75 0.75 0.375	49	0.75 0.182 0.0	46.8 34.8 36.8	50.7 46.6	0.0 0.735	0.936 0.308	43 56.4 49.1 67.6 46.6
505	R18Y_075_062de	0.75 0.25 0.125	0.75 0.625 0.437	41	0.75 0.206 0.125	49.0 35.1 27.1	44.4 37.7	0.0 0.724	0.769 0.284	36 51.7 56.1 43.4 71.0 37.7
506	R00Y_075_050de	0.75 0.25 0.25	0.75 0.5 0.5	390	0.75 0.25 0.315	52.5 33.1 15.8	36.7 25.4	0.0 0.678	0.541 0.271	383 47.6 66.3 31.6 73.4 25.4
507	R26Y_075_050de	0.75 0.25 0.375	0.75 0.5 0.5	376	0.75 0.25 0.493	52.6 34.7 6.0	35.3 9.8	0.0 0.68	0.363 0.278	360 47.8 69.5 12.1 70.6 9.8
508	R00Y_075_050de	0.75 0.25 0.5	0.75 0.5 0.5	360	0.724 0.25 0.75	52.3 36.3 -5.0	36.7 352.0	0.0 0.681	0.108 0.301	327 47.3 72.7 -10.1 73.5 352.0
509	B61R_075_050de	0.75 0.25 0.625	0.75 0.5 0.5	344	0.581 0.25 0.75	49.3 31.0 -10.1	32.6 341.8	0.099 0.656	0.0 0.373	310 62.0 -20.3 65.2 341.8
510	B50R_075_050de	0.75 0.25 0.75	0.75 0.5 0.5	330	0.46 0.25 0.75	46.2 25.0 -15.2	29.3 328.6	0.0 0.635	0.0 0.37	294 34.9 50.0 -30.5 58.6 328.6
511	B40R_087_062de	0.75 0.25 0.875	0.875 0.625 0.562	319	0.441 0.25 0.875	46.2 25.9 -23.2	34.8 318.1	0.0 0.68	0.0 0.2	282 31.7 41.5 -37.1 55.7 318.1
512	B34R_100_075de	0.75 0.25 1.0	1.0 0.75 0.625	311	0.419 0.25 1.0	46.2 26.3 -30.7	40.5 310.5	0.623 0.72	0.0 0.0	287 29.5 35.1 -41.0 54.0 310.5
513	R50Y_075_075de	0.75 0.375 0.0	0.75 0.75 0.375	60	0.75 0.283 0.0	51.5 25.6 42.4	49.6 58.8	0.0 0.615	0.934 0.313	51 62.5 34.1 56.6 66.1 58.8
514	R38Y_075_062de	0.75 0.375 0.125	0.75 0.625 0.437	53	0.75 0.307 0.125	53.2 26.2 32.5	41.8 51.0	0.0 0.603	0.8 0.294	46 52.6 45.8 69.7 41.0
515	R23Y_075_050de	0.75 0.375 0.25	0.75 0.5 0.5	44	0.75 0.336 0.25	55.4 26.3 22.9	34.8 41.0	0.0 0.593	0.64 0.278	39 53.4 52.6 45.8 69.7 41.0
516	R00Y_075_037de	0.75 0.375 0.375	0.75 0.375 0.562	390	0.75 0.375 0.424	58.6 24.8 11.8	27.5 25.4	0.0 0.551	0.428 0.269	383 47.6 66.3 31.6 73.4 25.4
517	R18Y_075_037de	0.75 0.375 0.5	0.75 0.375 0.562	371	0.75 0.375 0.606	58.8 26.5 2.0	26.5 4.3	0.0 0.552	0.239 0.28	352 70.7 5.3 70.9 4.3
518	B65R_075_037de	0.75 0.375 0.625	0.75 0.375 0.562	349	0.655 0.375 0.75	57.0 24.9 -5.9	25.6 346.6	0.0 0.535	0.039 0.353	315 43.2 66.6 -15.8 68.5 346.6
519	B50R_075_037de	0.75 0.375 0.75	0.75 0.375 0.562	330	0.532 0.375 0.75	53.8 18.7 -11.4	21.9 328.6	0.0 0.502	0.0 0.371	294 34.9 50.0 -30.5 58.6 328.6
520	B38R_087_050de	0.75 0.375 0.875	0.875 0.5 0.625	316	0.515 0.375 0.875	53.9 19.5 -19.3	27.5 315.3	0.405 0.555	0.0 0.199	285 30.1 -38.6 55.0 315.3
521	B30R_100_062de	0.75 0.375 1.0	1.0 0.625 0.687	307	0.465 0.375 1.0	53.7 20.1 -26.8	33.5 306.8	0.54 0.594	0.0 0.0	277 28.1 32.2 -43.0 53.7 306.8
522	R68Y_075_075de	0.75 0.5 0.0	0.75 0.75 0.375	71	0.75 0.391 0.0	56.6 16.5 48.5	51.2 71.1	0.0 0.499	0.936 0.309	61 66.7 26.5 61.6 67.1 66.6
523	R61Y_075_062de	0.75 0.5 0.125	0.75 0.625 0.437	67	0.75 0.419 0.125	58.4 16.6 38.5	41.9 66.6	0.0 0.475	0.82 0.296	58 66.1 56.6 66.1 58.8
524	R50Y_075_050de	0.75 0.5 0.25	0.75 0.5 0.5	60	0.75 0.439 0.25	60.0 17.0 28.3	33.0 58.8	0.0 0.464	0.673 0.287	51 66.3 49.1 67.6 46.6
525	R31Y_075_037de	0.75 0.5 0.375	0.75 0.375 0.562	49	0.75 0.466 0.375	61.9 17.4 18.4	25.3 46.6	0.0 0.456	0.516 0.279	43 66.4 49.1 67.6 46.6
526	R00Y_075_025de	0.75 0.5 0.5	0.75 0.25 0.625	390	0.75 0.5 0.532	64.7 16.5 7.9	18.3 25.4	0.0 0.414	0.31 0.279	383 47.6 66.3 31.6 73.4 25.4
527	R00Y_075_025de	0.75 0.5 0.625	0.75 0.25 0.625	360	0.737 0.5 0.75	64.6 18.1 -2.5	18.3 352.0	0.0 0.41	0.097 0.298	327 47.3 72.7 -10.1 73.5 352.0
528	B50R_075_025de	0.75 0.5 0.75	0.75 0.25 0.625	330	0.605 0.5 0.75	61.5 12.5 -7.6	14.6 328.6	0.098 0.359	0.0 0.373	294 34.9 50.0 -30.5 58.6 328.6
529	B34R_087_037de	0.75 0.5 0.875	0.875 0.375 0.687	311	0.584 0.5 0.875	61.5 13.1 -15.3	20.2 310.5	0.325 0.425	0.0 0.204	282 29.5 35.1 -41.0 54.0 310.5
530	B25R_100_050de	0.75 0.5 1.0	1.0 0.5 0.75	300	0.527 0.5 1.0	61.3 13.4 -23.0	26.6 300.1	0.476 0.469	0.0 0.01	272 26.2 26.8 -46.1 53.3 300.1
531	R85Y_075_075de	0.75 0.625 0.0	0.75 0.75 0.375	81	0.75 0.494 0.0	62.0 7.4 55.0	55.5 82.2	0.0 0.37	0.936 0.307	70 76.5 9.9 73.4 74.1 82.2
532	R81Y_075_062de	0.75 0.625 0.125	0.75 0.625 0.437	79	0.75 0.513 0.125	63.4 7.8 44.6	45.2 80.0	0.0 0.347	0.837 0.302	68 74.8 12.5 71.3 72.4 80.0
533	R76Y_075_050de	0.75 0.625 0.25	0.75 0.5 0.5	76	0.75 0.542 0.25	65.1 8.1 34.5	35.4 76.7	0.0 0.33	0.701 0.294	65 72.7 16.2 69.0 70.9 76.7
534	R68Y_075_037de	0.75 0.625 0.375	0.75 0.375 0.562	71	0.75 0.57 0.375	66.7 8.2 24.2	25.6 71.1	0.0 0.312	0.553 0.292	61 66.3 49.1 67.6 46.6
535	R50Y_075_025de	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	0.0 0.29	0.387 0.295	58 66.1 56.6 66.1 58.8
536	R00Y_075_012de	0.75 0.625 0.625	0.75 0.125 0.687	390	0.75 0.625 0.641	70.8 8.2 3.9	9.1 25.4	0.0 0.246	0.184 0.301	383 47.6 66.3 31.6 73.4 25.4
537	B50R_075_012de	0.75 0.625 0.75	0.75 0.125 0.687	330	0.677 0.625 0.75	69.2 6.2 -3.8	7.3 328.6	0.008 0.176	0.0 0.377	294 34.9 50.0 -30.5 58.6 328.6
538	B25R_087_025de	0.75 0.625 0.875	0.875 0.25 0.75	300	0.638 0.625 0.875	69.1 6.7 -11.5	13.3 300.1	0.258 0.278	0.0 0.213	272 26.2 26.8 -46.1 53.3 300.1
539	B15R_100_037de	0.75 0.625 1.0	1.0 0.375 0.812	289	0.625 0.669 1.0	70.7 6.4 -17.8	18.9 289.7	0.391 0.324	0.0 0.027	263 27.9 17.1 -47.6 50.6 289.7
540	Y00G_075_075de	0.75 0.75 0.0	0.75 0.75 0.375	90	0.75 0.651 0.0	68.4 -2.5 62.7	62.8 92.3	0.0 0.178	0.935 0.31	83 83.7 83.7 83.7 92.3
541	Y00G_075_062de	0.75 0.75 0.125	0.75 0.625 0.437	90	0.75 0.667 0.125	69.9 -2.1 52.3	52.3 92.3	0.0 0.167	0.856 0.302	83 83.7 83.7 83.7 92.3
542	Y00G_075_050de	0.75 0.75 0.25	0.75 0.5 0.5	90	0.75 0.684 0.25	71.3 -1.6 41.8	41.8 92.3	0.0 0.154	0.729 0.296	83 83.7 83.7 83.7 92.3
543	Y00G_075_037de	0.75 0.75 0.375	0.75 0.375 0.562	90	0.75 0.7 0.375	72.7 -1.2 31.3	31.4 92.3	0.0 0.138	0.596 0.295	83 83.7 83.7 83.7 92.3
544	Y00G_075_025de	0.75 0.75 0.5	0.75 0.25 0.625	90	0.75 0.717 0.5	74.1 -0.8 20.9	20.9 92.3	0.0 0.117	0.447 0.299	83 83.7 83.7 83.7 92.3
545	Y00G_075_012de	0.75 0.75 0.625	0.75 0.125 0.687	90	0.75 0.733 0.625	75.5 -0.4 10.4	10.4 92.3	0.0 0.069	0.258 0.313	83 83.7 83.7 83.7 92.3
546	NW_075de	0.75 0.75 0.75	0.75 0.0 0.75	360	0.75 0.75 0.75	76.9 0.0 0.0	0.0 0.0	0.0 0.0	0.02 0.333	360 96.3 0.0 0.0 0.0 0.0
547	B00R_087_012de	0.75 0.75 0.875	0.875 0.125 0.812	270	0.75 0.794 0.875	79.1 0.1 -5.8	5.8 271.7	0.143 0.079	0.0 0.215	249 36.7 1.4 -46.6 46.6 271.7
548	B00R_100_025de	0.75 0.75 1.0	1.0 0.25 0.875	270	0.75 0.839 1.0	81.4 0.3 -11.6	11.6 271.7	0.188 0.15	0.0 0.026	249 36.7 1.4 -46.6 46.6 271.7
549	Y13G_087_087de	0.75 0.875 0.0	0.875 0.875							

http://130.149.60.45/~farbmetrik/SE15/SE15L0FA.TXT /PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FA.DAT in file (F), page 27/33

n	HIC*Fde	rgb_Fde	ict_Fde	hsa_Fde	rgb*Fde	LabCh*Fde	cmyn*sep.Fde	hsaMde	rgb*Mde	LabCh*Mde
567	R00Y_087_087de	0.875 0.0 0.0	0.875 0.875 0.437	390	0.875 0.0 0.115	44.0 58.0 27.6	64.3 25.4	0.0 0.965 0.85 0.173	373	1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4
568	R36Y_087_087de	0.875 0.0 0.125	0.875 0.875 0.437	382	0.875 0.0 0.298	44.2 59.4 17.6	62.0 16.5	0.0 0.966 0.647 0.174	380	1.0 0.0 0.341 47.8 67.9 20.2 70.9 16.5
569	R23Y_087_087de	0.875 0.0 0.25	0.875 0.875 0.437	374	0.875 0.0 0.471	44.2 61.3 8.2	61.8 7.6	0.0 0.965 0.471 0.175	357	1.0 0.0 0.538 47.9 70.0 9.4 70.7 7.6
570	R08Y_087_087de	0.875 0.0 0.375	0.875 0.875 0.437	365	0.875 0.0 0.715	44.4 63.6 -2.6	63.6 357.6	0.0 0.963 0.228 0.174	339	1.0 0.0 0.817 48.1 72.7 -3.0 72.7 357.6
571	B70R_087_087de	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	0.0 0.958 0.024 0.203	327	0.959 0.0 1.0 47.4 73.0 -9.8 73.7 352.3
572	B63R_087_087de	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	0.26 0.959 0.0 0.217	312	0.697 0.0 1.0 42.0 63.9 -18.6 66.5 343.7
573	B56R_087_087de	0.875 0.0 0.75	0.875 0.875 0.437	338	0.487 0.0 0.875	36.0 49.5 -21.8	54.1 336.1	0.424 0.957 0.0 0.207	303	0.556 0.0 1.0 38.5 56.6 -25.0 61.9 336.1
574	B50R_087_087de	0.875 0.0 0.875	0.875 0.875 0.437	330	0.367 0.0 0.875	32.9 43.7 -26.7	51.2 328.6	0.541 0.962 0.0 0.205	294	0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6
575	B44R_100_100de	0.875 0.0 1.0	1.0 1.0 0.5	323	0.339 0.0 1.0	32.7 44.6 -34.8	56.6 321.9	0.657 1.0 0.0 0.0	289	0.339 0.0 1.0 32.7 44.6 -34.8 56.6 321.9
576	R13Y_087_087de	0.875 0.125 0.0	0.875 0.875 0.437	38	0.875 0.063 0.0	45.9 52.8 36.2	64.0 34.3	0.0 0.899 0.969 0.17	33	1.0 0.072 0.0 49.8 60.4 41.3 73.2 34.3
577	R00Y_087_075de	0.875 0.125 0.125	0.875 0.75 0.5	390	0.875 0.125 0.223	50.1 49.7 23.7	55.1 25.4	0.0 0.833 0.704 0.145	383	1.0 0.0 0.131 47.6 66.3 31.6 73.4 25.4
578	R35Y_087_075de	0.875 0.125 0.25	0.875 0.75 0.5	381	0.875 0.125 0.399	50.2 51.1 14.1	53.0 15.4	0.0 0.836 0.54 0.148	378	1.0 0.0 0.365 47.8 68.1 18.8 70.7 15.4
579	R18Y_087_075de	0.875 0.125 0.375	0.875 0.75 0.5	371	0.875 0.125 0.588	50.4 53.0 4.0	53.1 4.3	0.0 0.836 0.359 0.151	352	1.0 0.0 0.617 48.0 70.7 5.3 70.9 4.3
580	R00Y_087_075de	0.875 0.125 0.5	0.875 0.75 0.5	360	0.836 0.125 0.875	49.8 54.5 -7.6	55.1 352.0	0.0 0.837 0.065 0.178	327	0.948 0.0 1.0 47.3 72.7 -10.1 73.5 352.0
581	B65R_087_075de	0.875 0.125 0.625	0.875 0.75 0.5	349	0.685 0.125 0.875	46.8 49.9 -11.8	51.3 346.6	0.106 0.837 0.0 0.218	315	0.747 0.0 1.0 43.2 66.6 -15.8 68.5 346.6
582	B57R_087_075de	0.875 0.125 0.75	0.875 0.75 0.5	339	0.556 0.125 0.875	43.6 43.1 -18.1	46.8 337.1	0.324 0.83 0.0 0.209	304	0.575 0.0 1.0 38.9 57.5 -24.2 62.4 337.1
583	B50R_087_075de	0.875 0.125 0.875	0.875 0.75 0.5	330	0.44 0.125 0.875	40.5 37.5 -22.8	43.9 328.6	0.457 0.819 0.0 0.201	294	0.42 0.0 1.0 34.9 50.0 -30.5 58.6 328.6
584	B43R_100_087de	0.875 0.125 1.0	1.0 0.875 0.562	322	0.415 0.125 1.0	40.4 38.3 -31.0	49.3 321.0	0.578 0.855 0.0 0.0	288	0.331 0.0 1.0 32.4 43.8 -35.4 56.4 321.0
585	R26Y_087_087de	0.875 0.25 0.0	0.875 0.875 0.437	46	0.875 0.175 0.0	50.1 43.8 41.3	60.3 43.3	0.0 0.779 0.969 0.17	40	1.0 0.2 0.0 54.6 50.1 47.2 68.9 43.3
586	R15Y_087_075de	0.875 0.25 0.125	0.8							

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

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

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

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/SE15L0FA.TXT /.PS
application for measurement of offset print output, separationcmykn6* (CMYK)
TUB material: code=rha4ta

n	HIC*Fde	rgb_Fde	icf_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	cmykn*sep.Fde	hsiM.de	rgb*Mde	LabCh*Mde		
648	R00Y_100_100de	1.0 0.0 0.0	1.0 1.0 0.5	390	1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4	0.0 1.0 0.867	0.0	383 1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
649	R38Y_100_100de	1.0 0.0 0.125	1.0 1.0 0.5	383	1.0 0.0 0.317	47.8 67.7 21.6	71.1 17.6	0.0 1.0 0.68	0.0	371 1.0 0.0 0.317	47.8 67.7 21.6	71.1 17.6
650	R26Y_100_100de	1.0 0.0 0.25	1.0 1.0 0.5	376	1.0 0.0 0.486	47.8 69.5 12.1	70.6 9.8	0.0 1.0 0.511	0.0	360 1.0 0.0 0.486	47.8 69.5 12.1	70.6 9.8
651	R13Y_100_100de	1.0 0.0 0.375	1.0 1.0 0.5	368	1.0 0.0 0.706	48.1 71.6 1.2	71.7 0.9	0.0 1.0 0.294	0.0	346 1.0 0.0 0.706	48.1 71.6 1.2	71.7 0.9
652	R00Y_100_100de	1.0 0.0 0.5	1.0 1.0 0.5	360	0.948 0.0 1.0	47.3 72.7 -10.1	73.5 352.0	0.051 1.0 0.0	0.0	327 0.948 0.0 1.0	47.3 72.7 -10.1	73.5 352.0
653	B68R_100_100de	1.0 0.0 0.625	1.0 1.0 0.5	352	0.843 0.0 1.0	45.2 69.7 -12.9	70.9 349.4	0.156 0.999 0.0	0.0	321 0.843 0.0 1.0	45.2 69.7 -12.9	70.9 349.4
654	B61R_100_100de	1.0 0.0 0.75	1.0 1.0 0.5	344	0.663 0.0 1.0	41.2 62.0 -20.3	65.2 341.8	0.336 1.0 0.0	0.0	310 0.663 0.0 1.0	41.2 62.0 -20.3	65.2 341.8
655	B55R_100_100de	1.0 0.0 0.875	1.0 1.0 0.5	337	0.538 0.0 1.0	38.0 55.7 -25.7	61.4 335.2	0.459 1.0 0.0	0.0	302 0.538 0.0 1.0	38.0 55.7 -25.7	61.4 335.2
656	B50R_100_100de	1.0 0.0 1.0	1.0 1.0 0.5	330	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6	0.577 1.0 0.0	0.0	294 0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
657	R11Y_100_100de	1.0 0.125 0.0	1.0 1.0 0.5	37	1.0 0.052 0.0	49.2 61.9 40.6	74.0 33.2	0.0 0.947 1.0	0.0	32 1.0 0.052 0.0	49.2 61.9 40.6	74.0 33.2
658	R00Y_100_087de	1.0 0.125 0.125	1.0 0.875 0.562	390	1.0 0.125 0.24	53.7 58.0 27.6	64.3 25.4	0.0 0.875 0.75	0.0	383 1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
659	R36Y_100_087de	1.0 0.125 0.25	1.0 0.875 0.562	382	1.0 0.125 0.423	53.9 59.4 17.6	62.0 16.5	0.0 0.874 0.534	0.0	370 1.0 0.0 0.341	47.8 67.9 20.2	70.9 16.5
660	R23Y_100_087de	1.0 0.125 0.375	1.0 0.875 0.562	374	1.0 0.125 0.596	53.9 61.3 8.2	61.8 7.6	0.0 0.874 0.394	0.0	357 1.0 0.0 0.538	47.9 70.0 9.4	70.7 7.6
661	R08Y_100_087de	1.0 0.125 0.5	1.0 0.875 0.562	365	1.0 0.125 0.84	54.2 63.6 -2.6	63.6 357.6	0.0 0.876 0.161	0.0	339 1.0 0.0 0.817	48.1 72.7 -3.0	72.7 357.6
662	B70R_100_087de	1.0 0.125 0.625	1.0 0.875 0.562	355	0.964 0.125 1.0	53.6 63.9 -8.6	64.5 352.3	0.0 0.883 0.324	0.0	327 0.959 0.0 1.0	47.4 73.0 -9.8	73.7 352.3
663	B63R_100_087de	1.0 0.125 0.75	1.0 0.875 0.562	346	0.735 0.125 1.0	48.8 55.9 -16.2	58.2 343.7	0.252 0.867 0.0	0.0	312 0.697 0.0 1.0	42.0 63.9 -18.6	66.5 343.7
664	B56R_100_087de	1.0 0.125 0.875	1.0 0.875 0.562	338	0.612 0.125 1.0	45.7 49.5 -21.8	54.1 336.1	0.374 0.875 0.0	0.006	303 0.556 0.0 1.0	38.5 56.6 -25.0	61.9 336.1
665	B50R_100_087de	1.0 0.125 1.0	1.0 0.875 0.562	330	0.492 0.125 1.0	42.6 43.7 -26.7	51.2 328.6	0.48 0.869 0.0	0.005	294 0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
666	R23Y_100_100de	1.0 0.25 0.0	1.0 1.0 0.5	44	1.0 0.172 0.0	53.4 52.6 45.8	69.7 41.0	0.0 0.826 1.0	0.0	39 1.0 0.172 0.0	53.4 52.6 45.8	69.7 41.0
667	R13Y_100_087de	1.0 0.25 0.125	1.0 0.875 0.562	38	1.0 0.188 0.125	55.6 52.8 36.2	64.0 34.3	0.0 0.814 0.825	0.0	33 1.0 0.072 0.0	49.8 60.4 41.3	73.2 34.3
668	R00Y_100_075de	1.0 0.25 0.25	1.0 0.75 0.625	390	1.0 0.25 0.348	59.8 49.7 23.7	55.1 25.4	0.0 0.75 0.625	0.0	383 1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
669	R35Y_100_075de	1.0 0.25 0.375	1.0 0.75 0.625	381	1.0 0.25 0.524	60.0 51.1 14.1	53.0 15.4	0.0 0.754 0.498	0.0	368 1.0 0.0 0.365	47.8 68.1 18.8	70.7 15.4
670	R18Y_100_075de	1.0 0.25 0.5	1.0 0.75 0.625	371	1.0 0.25 0.713	60.1 53.0 4.0	53.1 4.3	0.0 0.765 0.26	0.0	352 1.0 0.0 0.617	48.0 70.7 5.3	70.9 4.3
671	R00Y_100_075de	1.0 0.25 0.625	1.0 0.75 0.625	360	0.961 0.25 1.0	59.5 54.5 -7.6	55.1 352.0	0.0 0.775 0.025	0.0	327 0.948 0.0 1.0	47.3 72.7 -10.1	73.5 352.0
672	B65R_100_075de	1.0 0.25 0.75	1.0 0.75 0.625	349	0.81 0.25 1.0	56.5 49.9 -11.8	51.3 346.6	0.114 0.768 0.0	0.023	315 0.747 0.0 1.0	43.2 66.6 -15.8	68.5 346.6
673	B57R_100_075de	1.0 0.25 0.875	1.0 0.75 0.625	339	0.681 0.25 1.0	53.3 43.1 -18.1	46.8 337.1	0.298 0.76 0.0	0.0	304 0.575 0.0 1.0	38.9 57.5 -24.2	62.4 337.1
674	B50R_100_075de	1.0 0.25 1.0	1.0 0.75 0.625	330	0.565 0.25 1.0	50.3 37.5 -22.8	43.9 328.6	0.405 0.764 0.0	0.0	294 0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
675	R36Y_100_100de	1.0 0.375 0.0	1.0 1.0 0.5	52	1.0 0.28 0.0	58.0 43.1 51.4	67.1 49.9	0.0 0.718 1.0	0.0	45 1.0 0.28 0.0	58.0 43.1 51.4	67.1 49.9
676	R26Y_100_087de	1.0 0.375 0.125	1.0 0.875 0.562	46	1.0 0.3 0.125	59.8 43.8 41.3	60.3 43.3	0.0 0.702 0.845	0.0	40 1.0 0.2 0.0	54.6 50.1 47.2	68.9 43.3
677	R15Y_100_075de	1.0 0.375 0.25	1.0 0.75 0.625	39	1.0 0.319 0.25	61.9 44.2 31.5	54.3 35.5	0.0 0.75 0.75	0.0	34 1.0 0.092 0.0	50.5 58.9 42.0	72.4 35.5
678	R00Y_100_062de	1.0 0.375 0.375	1.0 0.625 0.687	390	1.0 0.375 0.457	65.9 41.4 19.7	45.9 25.4	0.0 0.625 0.5	0.0	383 1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
679	R31Y_100_062de	1.0 0.375 0.5	1.0 0.625 0.687	379	1.0 0.375 0.633	66.0 42.9 10.1	44.1 13.2	0.0 0.632 0.376	0.0	365 1.0 0.0 0.414	47.8 68.7 16.1	70.6 13.2
680	R11Y_100_062de	1.0 0.375 0.625	1.0 0.625 0.687	367	1.0 0.375 0.835	66.2 44.9 -0.1	44.9 359.8	0.0 0.642 0.137	0.0	344 1.0 0.0 0.736	48.1 71.9 -0.1	71.9 359.8
681	B69R_100_062de	1.0 0.375 0.75	1.0 0.625 0.687	353	0.923 0.375 1.0	64.8 44.2 -7.4	44.8 350.4	0.0 0.665 0.025	0.0	323 0.877 0.0 1.0	45.9 70.7 -11.9	71.7 350.4
682	B59R_100_062de	1.0 0.375 0.875	1.0 0.625 0.687	341	0.757 0.375 1.0	61.1 37.0 -14.1	39.6 339.0	0.218 0.643 0.0	0.0	307 0.612 0.0 1.0	39.9 59.2 -22.6	63.4 339.0
683	B50R_100_062de	1.0 0.375 1.0	1.0 0.625 0.687	330	0.637 0.375 1.0	58.0 31.2 -19.0	36.6 328.6	0.33 0.641 0.0	0.0	294 0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
684	R50Y_100_100de	1.0 0.5 0.0	1.0 1.0 0.5	60	1.0 0.378 0.0	62.5 34.1 56.6	66.1 58.8	0.0 0.62 1.0	0.0	51 1.0 0.378 0.0	62.5 34.1 56.6	66.1 58.8
685	R41Y_100_087de	1.0 0.5 0.125	1.0 0.875 0.562	55	1.0 0.402 0.125	64.2 34.8 46.8	58.3 53.3	0.0 0.581 0.86	0.0	48 1.0 0.316 0.0	59.7 39.8 53.5	66.7 53.3
686	R31Y_100_075de	1.0 0.5 0.25	1.0 0.75 0.625	49	1.0 0.432 0.25	66.3 34.8 36.8	50.7 46.6	0.0 0.625 0.75	0.0	43 1.0 0.242 0.0	56.3 46.4 49.1	67.6 46.6
687	R18Y_100_062de	1.0 0.5 0.375	1.0 0.625 0.687	41	1.0 0.456 0.375	68.5 35.1 27.1	44.4 37.7	0.0 0.625 0.625	0.0	36 1.0 0.13 0.0	51.7 56.1 43.4	71.0 37.7
688	R00Y_100_050de	1.0 0.5 0.5	1.0 0.5 0.75	390	1.0 0.5 0.565	72.0 33.1 15.8	36.7 25.4	0.0 0.5 0.375	0.0	383 1.0 0.0 0.131	47.6 66.3 31.6	73.4 25.4
689	R26Y_100_050de	1.0 0.5 0.625	1.0 0.5 0.75	376	1.0 0.5 0.743	72.1 34.7 6.0	35.3 9.8	0.0 0.5 0.25	0.0	360 1.0 0.0 0.486	47.8 69.5 12.1	70.6 9.8
690	R00Y_100_050de	1.0 0.5 0.75	1.0 0.5 0.75	360	0.974 0.5 1.0	71.8 36.3 -5.0	36.7 352.0	0.0 0.544 0.022	0.0	327 0.948 0.0 1.0	47.3 72.7 -10.1	73.5 352.0
691	B61R_100_050de	1.0 0.5 0.875	1.0 0.5 0.75	344	0.831 0.5 1.0	68.7 31.0 -10.1	32.6 341.8	0.107 0.532 0.0	0.01	310 0.663 0.0 1.0	41.2 62.0 -20.3	65.2 341.8
692	B50R_100_050de	1.0 0.5 1.0	1.0 0.5 0.75	330	0.71 0.5 1.0	65.6 25.0 -15.2	29.3 328.6	0.272 0.517 0.0	0.005	294 0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
693	R63Y_100_100de	1.0 0.625 0.0	1.0 1.0 0.5	68	1.0 0.484 0.0	67.3 25.4 62.3	67.2 67.8	0.0 0.513 1.0	0.0	58 1.0 0.484 0.0	67.3 25.4 62.3	67.2 67.8
694	R58Y_100_087de	1.0 0.625 0.125	1.0 0.875 0.562	65	1.0 0.513 0.125	69.4 25.2 52.7	58.5 64.4	0.0 0.5 0.875	0.0	56 1.0 0.444 0.0	65.5 28.8 60.3	66.8 64.4
695	R50Y_100_075de	1.0 0.625 0.25	1.0 0.75 0.625	60	1.0 0.533 0.25	71.0 25.6 42.4	49.6 58.8	0.0 0.5 0.75	0.0	51 1.0 0.378 0.0	62.5 34.1 56.6	66.1 58.8
696	R38Y_100_062de	1.0 0.625 0.375	1.0 0.625 0.687	53	1.0 0.557 0.375	72.7 26.2 32.5	41.8 51.0	0.0 0				

http://130.149.60.45/~farbmetrik/SE15/SE15L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FA.DAT in file (F), page 29/33

SE1511A

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/SE15L0FA.TXT /.PS
application for measurement of offset print output, separationcyan6* (CMYK)
TUB material: code=rha4ta

n	HIC*Fde	rgb_Fde	ict_Fde	hsi_Fde	rgb*Fde	LabCh*Fde	cmyn*sep,Fde	hsiM.de	rgb*Mde	LabCh*Mde	
729	NW_100de	1.0 1.0 1.0	1.0 0.0 1.0	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0	
730	G50B_100_012de	0.875 1.0 1.0	1.0 0.125 0.937	210	0.875 1.0 0.964	91.3 -5.2 -3.9	6.5 216.9 0.191	0.0 0.038 0.0	193	0.0 1.0 0.712	56.3 -41.9 -31.5
731	G50B_100_025de	0.75 1.0 1.0	1.0 0.25 0.875	210	0.75 1.0 0.928	86.3 -10.4 -7.8	13.1 216.9 0.339	0.0 0.066 0.0	193	0.0 1.0 0.712	56.3 -41.9 -31.5
732	G50B_100_037de	0.625 1.0 1.0	1.0 0.375 0.812	210	0.625 1.0 0.892	81.3 -15.7 -11.8	19.6 216.9 0.459	0.0 0.125 0.0	193	0.0 1.0 0.712	56.3 -41.9 -31.5
733	G50B_100_050de	0.5 1.0 1.0	1.0 0.5 0.75	210	0.5 1.0 0.856	76.3 -20.9 -15.7	26.2 216.9 0.596	0.0 0.141 0.0	193	0.0 1.0 0.712	56.3 -41.9 -31.5
734	G50B_100_062de	0.375 1.0 1.0	1.0 0.625 0.687	210	0.375 1.0 0.82	71.3 -26.2 -19.7	32.8 216.9 0.691	0.0 0.166 0.0	193	0.0 1.0 0.712	56.3 -41.9 -31.5
735	G50B_100_075de	0.25 1.0 1.0	1.0 0.75 0.625	210	0.25 1.0 0.784	66.3 -31.4 -23.6	39.3 216.9 0.793	0.0 0.25 0.0	193	0.0 1.0 0.712	56.3 -41.9 -31.5
736	G50B_100_087de	0.125 1.0 1.0	1.0 0.875 0.562	210	0.125 1.0 0.748	61.3 -36.6 -27.6	45.9 216.9 0.905	0.0 0.25 0.0	193	0.0 1.0 0.712	56.3 -41.9 -31.5
737	G50B_100_100de	0.0 1.0 1.0	1.0 1.0 0.5	210	0.0 1.0 0.712	56.3 -41.9 -31.5	52.4 216.9 1.0	0.0 0.286 0.0	193	0.0 1.0 0.712	56.3 -41.9 -31.5
738	ROOY_100_012de	1.0 0.875 0.875	1.0 0.125 0.937	390	1.0 0.875 0.891	90.2 8.2 3.9	9.1 25.4 0.0	0.155 0.08 0.0	383	1.0 0.0 0.131	47.6 66.3 31.6
739	NW_087de	0.875 0.875 0.875	0.875 0.0 0.875	360	0.875 0.875 0.875	86.6 0.0 0.0	0.0 0.0 0.0	0.014 0.008 0.18	360	1.0 1.0 1.0	96.3 0.0 0.0
740	G50B_087_012de	0.75 0.875 0.875	0.875 0.125 0.812	210	0.75 0.875 0.839	81.6 -5.2 -3.9	6.5 216.9 0.208	0.0 0.052 0.183	360	1.0 1.0 1.0	96.3 0.0 0.0
741	G50B_087_025de	0.625 0.875 0.875	0.875 0.25 0.75	210	0.625 0.875 0.803	76.6 -10.4 -7.8	13.1 216.9 0.373	0.0 0.102 0.17	193	0.0 1.0 0.712	56.3 -41.9 -31.5
742	G50B_087_037de	0.5 0.875 0.875	0.875 0.375 0.687	210	0.5 0.875 0.767	71.6 -15.7 -11.8	19.6 216.9 0.541	0.0 0.151 0.162	193	0.0 1.0 0.712	56.3 -41.9 -31.5
743	G50B_087_050de	0.375 0.875 0.875	0.875 0.5 0.625	210	0.375 0.875 0.721	66.7 -20.9 -15.7	26.2 216.9 0.648	0.0 0.166 0.169	193	0.0 1.0 0.712	56.3 -41.9 -31.5
744	G50B_087_062de	0.25 0.875 0.875	0.875 0.625 0.562	210	0.25 0.875 0.695	61.6 -26.2 -19.7	32.8 216.9 0.763	0.0 0.224 0.15	193	0.0 1.0 0.712	56.3 -41.9 -31.5
745	G50B_087_075de	0.125 0.875 0.875	0.875 0.75 0.5	210	0.125 0.875 0.659	56.5 -31.4 -23.6	39.3 216.9 0.88	0.0 0.256 0.17	193	0.0 1.0 0.712	56.3 -41.9 -31.5
746	G50B_087_087de	0.0 0.875 0.875	0.875 0.875 0.437	210	0.0 0.875 0.623	51.5 -36.6 -27.6	45.9 216.9 0.965	0.0 0.283 0.19	193	0.0 1.0 0.712	56.3 -41.9 -31.5
747	ROOY_100_025de	1.0 0.75 0.75	1.0 0.25 0.875	390	1.0 0.75 0.782	84.2 16.5 7.9	18.3 25.4 0.0	0.376 0.25 0.0	383	1.0 0.0 0.131	47.6 66.3 31.6
748	ROOY_087_012de	0.875 0.75 0.75	0.875 0.125 0.812	390	0.875 0.75 0.766	80.5 8.2 3.9	9.1 25.4 0.0	0.212 0.149 0.151	383	1.0 0.0 0.131	47.6 66.3 31.6
749	NW_075de	0.75 0.75 0.75	0.75 0.0 0.75	360	0.75 0.75 0.75	76.9 0.0 0.0	0.0 0.0 0.0	0.0 0.02 0.333	360	1.0 1.0 1.0	96.3 0.0 0.0
750	G50B_075_012de	0.625 0.75 0.75	0.75 0.125 0.687	210	0.625 0.75 0.714	71.9 -5.2 -3.9	6.5 216.9 0.221	0.0 0.072 0.335	193	0.0 1.0 0.712	56.3 -41.9 -31.5
751	G50B_075_025de	0.5 0.75 0.75	0.75 0.25 0.625	210	0.5 0.75 0.678	66.9 -10.4 -7.8	13.1 216.9 0.427	0.0 0.123 0.326	193	0.0 1.0 0.712	56.3 -41.9 -31.5
752	G50B_075_037de	0.375 0.75 0.75	0.75 0.375 0.562	210	0.375 0.75 0.642	61.8 -15.7 -11.8	19.6 216.9 0.566	0.0 0.163 0.32	193	0.0 1.0 0.712	56.3 -41.9 -31.5
753	G50B_075_050de	0.25 0.75 0.75	0.75 0.5 0.5	210	0.25 0.75 0.606	56.8 -20.9 -15.7	26.2 216.9 0.703	0.0 0.207 0.315	193	0.0 1.0 0.712	56.3 -41.9 -31.5
754	G50B_075_062de	0.125 0.75 0.75	0.75 0.625 0.437	210	0.125 0.75 0.57	51.8 -26.2 -19.7	32.8 216.9 0.838	0.0 0.25 0.324	193	0.0 1.0 0.712	56.3 -41.9 -31.5
755	G50B_075_075de	0.0 0.75 0.75	0.75 0.75 0.375	210	0.0 0.75 0.534	46.8 -31.4 -23.6	39.3 216.9 0.924	0.0 0.278 0.349	193	0.0 1.0 0.712	56.3 -41.9 -31.5
756	ROOY_100_037de	1.0 0.625 0.625	1.0 0.375 0.812	390	1.0 0.625 0.674	78.1 24.8 11.8	27.5 25.4 0.0	0.39 0.25 0.0	383	1.0 0.0 0.131	47.6 66.3 31.6
757	ROOY_087_025de	0.875 0.625 0.625	0.875 0.25 0.75	390	0.875 0.625 0.657	74.4 16.5 7.9	18.3 25.4 0.0	0.372 0.265 0.127	383	1.0 0.0 0.131	47.6 66.3 31.6
758	ROOY_075_012de	0.75 0.625 0.625	0.75 0.125 0.687	390	0.75 0.625 0.641	70.8 8.2 3.9	9.1 25.4 0.0	0.246 0.184 0.301	383	1.0 0.0 0.131	47.6 66.3 31.6
759	NW_062de	0.625 0.625 0.625	0.625 0.0 0.625	360	0.625 0.625 0.625	67.1 0.0 0.0	0.0 0.0 0.0	0.014 0.045 0.469	360	1.0 1.0 1.0	96.3 0.0 0.0
760	G50B_062_012de	0.5 0.625 0.625	0.625 0.125 0.562	210	0.5 0.625 0.589	62.1 -5.2 -3.9	6.5 216.9 0.258	0.0 0.085 0.491	193	0.0 1.0 0.712	56.3 -41.9 -31.5
761	G50B_062_025de	0.375 0.625 0.625	0.625 0.25 0.5	210	0.375 0.625 0.553	57.1 -10.4 -7.8	13.1 216.9 0.451	0.0 0.135 0.473	193	0.0 1.0 0.712	56.3 -41.9 -31.5
762	G50B_062_037de	0.25 0.625 0.625	0.625 0.375 0.437	210	0.25 0.625 0.517	52.1 -15.7 -11.8	19.6 216.9 0.623	0.0 0.186 0.465	193	0.0 1.0 0.712	56.3 -41.9 -31.5
763	G50B_062_050de	0.125 0.625 0.625	0.625 0.5 0.375	210	0.125 0.625 0.481	47.1 -20.9 -15.7	26.2 216.9 0.784	0.0 0.241 0.478	193	0.0 1.0 0.712	56.3 -41.9 -31.5
764	G50B_062_062de	0.0 0.625 0.625	0.625 0.625 0.312	210	0.0 0.625 0.445	42.1 -26.2 -19.7	32.8 216.9 0.867	0.0 0.216 0.5	193	0.0 1.0 0.712	56.3 -41.9 -31.5
765	ROOY_100_050de	1.0 0.5 0.5	1.0 0.5 0.75	390	1.0 0.5 0.565	72.0 33.1 15.8	36.7 25.4 0.0	0.5 0.375 0.0	383	1.0 0.0 0.131	47.6 66.3 31.6
766	ROOY_087_037de	0.875 0.5 0.5	0.875 0.375 0.687	390	0.875 0.5 0.549	68.3 24.8 11.8	27.5 25.4 0.0	0.501 0.375 0.114	383	1.0 0.0 0.131	47.6 66.3 31.6
767	ROOY_075_025de	0.75 0.5 0.5	0.75 0.25 0.625	390	0.75 0.5 0.532	64.7 16.5 7.9	18.3 25.4 0.0	0.414 0.31 0.279	383	1.0 0.0 0.131	47.6 66.3 31.6
768	ROOY_062_012de	0.625 0.5 0.5	0.625 0.125 0.562	390	0.625 0.5 0.516	61.1 8.2 3.9	9.1 25.4 0.0	0.287 0.21 0.437	383	1.0 0.0 0.131	47.6 66.3 31.6
769	NW_050de	0.5 0.5 0.5	0.5 0.0 0.5	360	0.5 0.5 0.5	57.4 0.0 0.0	0.0 0.0 0.0	0.033 0.072 0.612	360	1.0 1.0 1.0	96.3 0.0 0.0
770	G50B_050_012de	0.375 0.5 0.5	0.5 0.125 0.437	210	0.375 0.5 0.464	52.4 -5.2 -3.9	6.5 216.9 0.268	0.0 0.1 0.614	193	0.0 1.0 0.712	56.3 -41.9 -31.5
771	G50B_050_025de	0.25 0.5 0.5	0.5 0.25 0.375	210	0.249 0.5 0.428	47.4 -10.4 -7.8	13.1 216.9 0.507	0.0 0.158 0.604	193	0.0 1.0 0.712	56.3 -41.9 -31.5
772	G50B_050_037de	0.125 0.5 0.5	0.5 0.375 0.312	210	0.124 0.5 0.392	42.4 -15.7 -11.8	19.6 216.9 0.706	0.0 0.211 0.614	193	0.0 1.0 0.712	56.3 -41.9 -31.5
773	G50B_050_050de	0.0 0.5 0.5	0.5 0.5 0.25	210	0.0 0.5 0.356	37.4 -20.9 -15.7	26.2 216.9 0.797	0.0 0.265 0.625	193	0.0 1.0 0.712	56.3 -41.9 -31.5
774	ROOY_100_062de	1.0 0.375 0.375	1.0 0.625 0.687	390	1.0 0.375 0.457	65.9 41.4 19.7	45.9 25.4 0.0	0.625 0.5 0.0	383	1.0 0.0 0.131	47.6 66.3 31.6
775	ROOY_087_050de	0.875 0.375 0.375	0.875 0.5 0.625	390	0.875 0.375 0.44	62.2 33.1 15.8	36.7 25.4 0.0	0.613 0.477 0.114	383	1.0 0.0 0.131	47.6 66.3 31.6
776	ROOY_075_037de	0.75 0.375 0.375	0.75 0.375 0.562	390	0.75 0.375 0.424	58.6 24.8 11.8	27.5 25.4 0.0	0.551 0.428 0.269	383	1.0 0.0 0.131	47.6 66.3 31.6
777	ROOY_062_025de	0.625 0.375 0.375	0.625 0.25 0.5	390	0.625 0.375 0.407	55.0 16.5 7.9	18.3 25.4 0.0	0.474 0.352 0.42	383	1.0 0.0 0.131	47.6 66.3 31.6
778	ROOY_050_012de	0.5 0.375 0.375	0.5 0.125 0.437	390	0.5 0.375 0.391	51.3 8.2 3.9	9.1 25.4 0.0	0.327 0.257 0.582	383	1.0 0.0 0.131	47.6 66.3 31.6
779	NW_037de	0.375 0.375 0.375	0.375 0.0 0.375	360	0.375 0.375 0.375	47.7 0.0 0.0	0.0 0.0 0.0	0.016 0.067 0.714	360	1.0 1.0 1.0	96.3 0.0 0.0
780	G50B_037_012de	0.25 0.375 0.375	0.375 0.125 0.3								

http://130.149.60.45/~farbmetrik/SE15/SE15L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FA.DAT in file (F), page 30/33

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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/SE15L0FA.TXT /.PS
application for measurement of offset print output, separationcmyk6* (CMYK)
TUB material: code=rh4ta

n	HIC*F _{de}	rgb_F _{de}	ic _t _F _{de}	hsi_F _{de}	rgb*F _{de}	LabCh*F _{de}	cmy _{mn} *sep_F _{de}	hsiM _{de}	rgb*M _{de}	LabCh*M _{de}
810	NW_100 _{de}	1.0 1.0 1.0	1.0 0.0 1.0	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
811	B00R_100_012 _{de}	0.875 0.875 1.0	1.0 0.125 0.937	270	0.875 0.919 1.0	88.9 0.1 -5.8	5.8 271.7 0.15	249	0.0 0.358 1.0	36.7 1.4 -46.6
812	B00R_100_025 _{de}	0.75 0.75 1.0	1.0 0.25 0.875	270	0.75 0.839 1.0	81.4 0.3 -11.6	11.6 271.7 0.288	249	0.0 0.358 1.0	36.7 1.4 -46.6
813	B00R_100_037 _{de}	0.625 0.625 1.0	1.0 0.375 0.812	270	0.625 0.759 1.0	74.0 0.5 -17.4	17.4 271.7 0.409	249	0.0 0.358 1.0	36.7 1.4 -46.6
814	B00R_100_050 _{de}	0.5 0.5 1.0	1.0 0.5 0.75	270	0.5 0.679 1.0	66.5 0.7 -23.3	23.3 271.7 0.541	249	0.0 0.358 1.0	36.7 1.4 -46.6
815	B00R_100_062 _{de}	0.375 0.375 1.0	1.0 0.625 0.687	270	0.375 0.598 1.0	59.0 0.8 -29.1	29.1 271.7 0.654	249	0.0 0.358 1.0	36.7 1.4 -46.6
816	B00R_100_075 _{de}	0.25 0.25 1.0	1.0 0.75 0.625	270	0.25 0.518 1.0	51.6 1.0 -34.9	34.9 271.7 0.736	249	0.0 0.358 1.0	36.7 1.4 -46.6
817	B00R_100_087 _{de}	0.125 0.125 1.0	1.0 0.875 0.562	270	0.125 0.438 1.0	44.1 1.2 -40.8	40.8 271.7 0.878	249	0.0 0.358 1.0	36.7 1.4 -46.6
818	B00R_100_100 _{de}	0.0 0.0 1.0	1.0 1.0 0.5	270	0.0 0.358 1.0	36.7 1.4 -46.6	46.6 271.7 1.0	249	0.0 0.358 1.0	36.7 1.4 -46.6
819	Y00G_100_012 _{de}	1.0 1.0 0.875	1.0 0.125 0.937	90	1.0 0.983 0.875	94.9 -0.4 10.4	10.4 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3
820	NW_087 _{de}	0.875 0.875 0.875	0.875 0.0 0.875	360	0.875 0.875 0.875	86.6 0.0 0.0	0.0 0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
821	B00R_087_012 _{de}	0.75 0.75 0.875	0.875 0.125 0.812	270	0.75 0.794 0.875	79.1 0.1 -5.8	5.8 271.7 0.143	249	0.0 0.358 1.0	36.7 1.4 -46.6
822	B00R_087_025 _{de}	0.625 0.625 0.875	0.875 0.25 0.75	270	0.625 0.714 0.875	71.7 0.3 -11.6	11.6 271.7 0.299	249	0.0 0.358 1.0	36.7 1.4 -46.6
823	B00R_087_037 _{de}	0.5 0.5 0.875	0.875 0.375 0.687	270	0.5 0.634 0.875	64.2 0.5 -17.4	17.4 271.7 0.456	249	0.0 0.358 1.0	36.7 1.4 -46.6
824	B00R_087_050 _{de}	0.375 0.375 0.875	0.875 0.5 0.625	270	0.375 0.554 0.875	56.8 0.7 -23.3	23.3 271.7 0.58	249	0.0 0.358 1.0	36.7 1.4 -46.6
825	B00R_087_062 _{de}	0.25 0.25 0.875	0.875 0.625 0.562	270	0.25 0.473 0.875	49.3 0.8 -29.1	29.1 271.7 0.697	249	0.0 0.358 1.0	36.7 1.4 -46.6
826	B00R_087_075 _{de}	0.125 0.125 0.875	0.875 0.75 0.5	270	0.125 0.393 0.875	41.8 1.0 -34.9	34.9 271.7 0.839	249	0.0 0.358 1.0	36.7 1.4 -46.6
827	B00R_087_087 _{de}	0.0 0.0 0.875	0.875 0.875 0.437	270	0.0 0.313 0.875	34.4 1.2 -40.8	40.8 271.7 0.958	249	0.0 0.358 1.0	36.7 1.4 -46.6
828	Y00G_100_025 _{de}	1.0 1.0 0.75	1.0 0.25 0.875	90	1.0 0.967 0.75	93.5 -0.8 20.9	20.9 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3
829	Y00G_087_012 _{de}	0.875 0.875 0.75	0.875 0.125 0.812	90	0.875 0.858 0.75	85.2 -0.4 10.4	10.4 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3
830	NW_075 _{de}	0.75 0.75 0.75	0.75 0.0 0.75	360	0.75 0.75 0.75	76.9 0.0 0.0	0.0 0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
831	B00R_075_012 _{de}	0.625 0.625 0.75	0.75 0.125 0.687	270	0.625 0.669 0.75	69.4 0.1 -5.8	5.8 271.7 0.139	249	0.0 0.358 1.0	36.7 1.4 -46.6
832	B00R_075_025 _{de}	0.5 0.5 0.75	0.75 0.25 0.625	270	0.5 0.589 0.75	62.0 0.3 -11.6	11.6 271.7 0.332	249	0.0 0.358 1.0	36.7 1.4 -46.6
833	B00R_075_037 _{de}	0.375 0.375 0.75	0.75 0.375 0.562	270	0.375 0.509 0.75	54.5 0.5 -17.4	17.4 271.7 0.49	249	0.0 0.358 1.0	36.7 1.4 -46.6
834	B00R_075_050 _{de}	0.25 0.25 0.75	0.75 0.5 0.5	270	0.25 0.429 0.75	47.0 0.7 -23.3	23.3 271.7 0.637	249	0.0 0.358 1.0	36.7 1.4 -46.6
835	B00R_075_062 _{de}	0.125 0.125 0.75	0.75 0.625 0.437	270	0.125 0.348 0.75	39.6 0.8 -29.1	29.1 271.7 0.792	249	0.0 0.358 1.0	36.7 1.4 -46.6
836	B00R_075_075 _{de}	0.0 0.0 0.75	0.75 0.75 0.375	270	0.0 0.268 0.75	32.1 1.0 -34.9	34.9 271.7 0.915	249	0.0 0.358 1.0	36.7 1.4 -46.6
837	Y00G_100_037 _{de}	1.0 1.0 0.625	1.0 0.375 0.812	90	1.0 0.95 0.625	92.1 -1.2 31.3	31.3 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3
838	Y00G_087_025 _{de}	0.875 0.875 0.625	0.875 0.25 0.75	90	0.875 0.842 0.625	83.8 -0.8 20.9	20.9 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3
839	Y00G_075_012 _{de}	0.75 0.75 0.625	0.75 0.125 0.687	90	0.75 0.733 0.625	75.5 -0.4 10.4	10.4 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3
840	NW_062 _{de}	0.625 0.625 0.625	0.625 0.0 0.625	360	0.625 0.625 0.625	67.1 0.0 0.0	0.0 0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
841	B00R_062_012 _{de}	0.5 0.5 0.625	0.625 0.125 0.562	270	0.5 0.544 0.625	59.7 0.1 -5.8	5.8 271.7 0.176	249	0.0 0.358 1.0	36.7 1.4 -46.6
842	B00R_062_025 _{de}	0.375 0.375 0.625	0.625 0.25 0.5	270	0.375 0.464 0.625	52.2 0.3 -11.6	11.6 271.7 0.367	249	0.0 0.358 1.0	36.7 1.4 -46.6
843	B00R_062_037 _{de}	0.25 0.25 0.625	0.625 0.375 0.437	270	0.25 0.384 0.625	44.8 0.5 -17.4	17.4 271.7 0.547	249	0.0 0.358 1.0	36.7 1.4 -46.6
844	B00R_062_050 _{de}	0.125 0.125 0.625	0.625 0.5 0.375	270	0.125 0.304 0.625	37.3 0.7 -23.3	23.3 271.7 0.734	249	0.0 0.358 1.0	36.7 1.4 -46.6
845	B00R_062_062 _{de}	0.0 0.0 0.625	0.625 0.625 0.312	270	0.0 0.223 0.625	29.8 0.8 -29.1	29.1 271.7 0.868	249	0.0 0.358 1.0	36.7 1.4 -46.6
846	Y00G_100_050 _{de}	1.0 1.0 0.5	1.0 0.5 0.75	90	1.0 0.934 0.5	90.7 -1.6 41.8	41.8 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3
847	Y00G_087_037 _{de}	0.875 0.875 0.5	0.875 0.375 0.687	90	0.875 0.825 0.5	82.4 -1.2 31.3	31.3 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3
848	Y00G_075_025 _{de}	0.75 0.75 0.5	0.75 0.25 0.625	90	0.75 0.717 0.5	74.1 -0.8 20.9	20.9 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3
849	Y00G_062_012 _{de}	0.625 0.625 0.5	0.625 0.125 0.562	90	0.625 0.608 0.5	65.7 -0.4 10.4	10.4 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3
850	NW_050 _{de}	0.5 0.5 0.5	0.5 0.0 0.5	360	0.5 0.5 0.5	57.4 0.0 0.0	0.0 0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
851	B00R_050_012 _{de}	0.375 0.375 0.5	0.5 0.125 0.437	270	0.375 0.419 0.5	50.0 0.1 -5.8	5.8 271.7 0.187	249	0.0 0.358 1.0	36.7 1.4 -46.6
852	B00R_050_025 _{de}	0.25 0.25 0.5	0.5 0.25 0.375	270	0.249 0.339 0.5	42.5 0.3 -11.6	11.6 271.7 0.424	249	0.0 0.358 1.0	36.7 1.4 -46.6
853	B00R_050_037 _{de}	0.125 0.125 0.5	0.5 0.375 0.312	270	0.124 0.259 0.5	35.0 0.5 -17.4	17.4 271.7 0.648	249	0.0 0.358 1.0	36.7 1.4 -46.6
854	B00R_050_050 _{de}	0.0 0.0 0.5	0.5 0.5 0.25	270	0.0 0.179 0.5	27.6 0.7 -23.3	23.3 271.7 0.797	249	0.0 0.358 1.0	36.7 1.4 -46.6
855	Y00G_100_062 _{de}	1.0 1.0 0.375	1.0 0.625 0.687	90	1.0 0.917 0.375	89.3 -2.1 52.3	52.3 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3
856	Y00G_087_050 _{de}	0.875 0.875 0.375	0.875 0.5 0.625	90	0.875 0.809 0.375	81.0 -1.6 41.8	41.8 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3
857	Y00G_075_037 _{de}	0.75 0.75 0.375	0.75 0.375 0.562	90	0.75 0.7 0.375	72.7 -1.2 31.3	31.3 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3
858	Y00G_062_025 _{de}	0.625 0.625 0.375	0.625 0.25 0.5	90	0.625 0.592 0.375	64.3 -0.8 20.9	20.9 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3
859	Y00G_050_012 _{de}	0.5 0.5 0.375	0.5 0.125 0.437	90	0.5 0.483 0.375	56.0 -0.4 10.4	10.4 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3
860	NW_037 _{de}	0.375 0.375 0.375	0.375 0.0 0.375	360	0.375 0.375 0.375	47.7 0.0 0.0	0.0 0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0
861	B00R_037_012 _{de}	0.25 0.25 0.375	0.375 0.125 0.312	270	0.249 0.294 0.375	40.2 0.1 -5.8	5.8 271.7 0.207	249	0.0 0.358 1.0	36.7 1.4 -46.6
862	B00R_037_025 _{de}	0.125 0.125 0.375	0.375 0.25 0.25	270	0.124 0.214 0.375	32.8 0.3 -11.6	11.6 271.7 0.52	249	0.0 0.358 1.0	36.7 1.4 -46.6
863	B00R_037_037 _{de}	0.0 0.0 0.375	0.375 0.375 0.187	270	0.0 0.134 0.375	25.3 0.5 -17.4	17.4 271.7 0.684	249	0.0 0.358 1.0	36.7 1.4 -46.6
864	Y00G_100_075 _{de}	1.0 1.0 0.25	1.0 0.75 0.625	90	1.0 0.901 0.25	87.9 -2.5 62.7	62.8 92.3 0.0	83	1.0 0.868 0.0	85.1 -3.3
865	Y00G_087_062 _{de}	0.875 0.875 0.25	0.875 0.625 0.562	90	0.875 0.792 0.25	79.6 -2.1 52.3</				

http://130.149.60.45/~farbmetrik/SE15/SE15L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FA.DAT in file (F), page 31/33

see similar files: <http://130.149.60.45/~farbmetrik/SE15/SE15L0FA.TXT> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE15/SE15L0FA.TXT /.PS
application for measurement of offset print output, separationcyanyn6* (CMYK)

TUB material: code=rha4ta

n	HIC*F _{de}	rgb_F _{de}	ic _t _F _{de}	hsi_F _{de}	rgb*F _{de}	LabCh*F _{de}	cmyn*sep_F _{de}				hsi_M _{de}	rgb*M _{de}	LabCh*M _{de}
891	NW_100 _{de}	1.0 1.0 1.0	1.0 0.0 1.0	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0
892	B50R_100_012 _{de}	1.0 0.875 1.0	1.0 0.125 0.937	330	0.927 0.875 1.0	88.7 6.2 -3.8	7.3 328.6	0.053 0.149 0.0	0.001	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
893	B50R_100_025 _{de}	1.0 0.75 1.0	1.0 0.25 0.875	330	0.855 0.75 1.0	81.0 12.5 -7.6	14.6 328.6	0.121 0.285 0.0	0.008	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
894	B50R_100_037 _{de}	1.0 0.625 1.0	1.0 0.375 0.812	330	0.782 0.625 1.0	73.3 18.7 -11.4	21.9 328.6	0.198 0.409 0.0	0.007	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
895	B50R_100_050 _{de}	1.0 0.5 1.0	1.0 0.5 0.75	330	0.71 0.5 1.0	65.6 25.0 -15.2	29.3 328.6	0.272 0.517 0.0	0.005	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
896	B50R_100_062 _{de}	1.0 0.375 1.0	1.0 0.625 0.687	330	0.637 0.375 1.0	58.0 31.2 -19.0	36.6 328.6	0.33 0.641 0.0	0.0	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
897	B50R_100_075 _{de}	1.0 0.25 1.0	1.0 0.75 0.625	330	0.565 0.25 1.0	50.3 37.5 -22.8	43.9 328.6	0.405 0.764 0.0	0.0	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
898	B50R_100_087 _{de}	1.0 0.125 1.0	1.0 0.875 0.562	330	0.492 0.125 1.0	42.6 43.7 -26.7	51.2 328.6	0.48 0.869 0.0	0.005	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
899	B50R_100_100 _{de}	1.0 0.0 1.0	1.0 1.0 0.5	330	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6	0.577 1.0 0.0	0.0	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
900	G00B_100_012 _{de}	0.875 1.0 0.875	1.0 0.125 0.937	150	0.875 1.0 0.876	90.7 -8.6 2.7	9.0 162.2	0.206 0.0 0.147	0.0	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
901	NW_087 _{de}	0.875 0.875 0.875	0.875 0.0 0.875	360	0.875 0.875 0.875	86.6 0.0 0.0	0.0 0.0 0.0	0.014 0.0 0.008	0.18	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0
902	B50R_087_012 _{de}	0.875 0.75 0.875	0.875 0.125 0.812	330	0.802 0.75 0.875	78.9 6.2 -3.8	7.3 328.6	0.037 0.162 0.0	0.213	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
903	B50R_087_025 _{de}	0.875 0.625 0.875	0.875 0.25 0.75	330	0.73 0.625 0.875	71.3 12.5 -7.6	14.6 328.6	0.109 0.322 0.0	0.215	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
904	B50R_087_037 _{de}	0.875 0.5 0.875	0.875 0.375 0.687	330	0.657 0.5 0.875	63.6 18.7 -11.4	21.9 328.6	0.19 0.458 0.0	0.21	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
905	B50R_087_050 _{de}	0.875 0.375 0.875	0.875 0.5 0.625	330	0.585 0.375 0.875	55.9 25.0 -15.2	29.3 328.6	0.275 0.58 0.0	0.207	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
906	B50R_087_062 _{de}	0.875 0.25 0.875	0.875 0.625 0.562	330	0.512 0.25 0.875	48.2 31.2 -19.0	36.6 328.6	0.364 0.699 0.0	0.204	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
907	B50R_087_075 _{de}	0.875 0.125 0.875	0.875 0.75 0.5	330	0.44 0.125 0.875	40.5 37.5 -22.8	43.9 328.6	0.457 0.819 0.0	0.201	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
908	B50R_087_087 _{de}	0.875 0.0 0.875	0.875 0.875 0.437	330	0.367 0.0 0.875	32.9 43.7 -26.7	51.2 328.6	0.541 0.962 0.0	0.205	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
909	G00B_100_025 _{de}	0.75 1.0 0.75	1.0 0.25 0.875	150	0.75 1.0 0.752	85.2 -17.2 5.5	18.1 162.2	0.347 0.0 0.25	0.0	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
910	G00B_087_012 _{de}	0.75 0.875 0.75	0.875 0.125 0.812	150	0.75 0.875 0.751	81.0 -8.6 2.7	9.0 162.2	0.255 0.0 0.198	0.156	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
911	NW_075 _{de}	0.75 0.75 0.75	0.75 0.0 0.75	360	0.75 0.75 0.75	76.9 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.02	0.333	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0
912	B50R_075_012 _{de}	0.75 0.625 0.75	0.75 0.125 0.687	330	0.677 0.625 0.75	69.2 6.2 -3.8	7.3 328.6	0.008 0.176 0.0	0.377	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
913	B50R_075_025 _{de}	0.75 0.5 0.75	0.75 0.25 0.625	330	0.605 0.5 0.75	61.5 12.5 -7.6	14.6 328.6	0.098 0.359 0.0	0.373	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
914	B50R_075_037 _{de}	0.75 0.375 0.75	0.75 0.375 0.562	330	0.532 0.375 0.75	53.8 18.7 -11.4	21.9 328.6	0.21 0.502 0.0	0.371	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
915	B50R_075_050 _{de}	0.75 0.25 0.75	0.75 0.5 0.5	330	0.46 0.25 0.75	46.2 25.0 -15.2	29.3 328.6	0.309 0.635 0.0	0.37	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
916	B50R_075_062 _{de}	0.75 0.125 0.75	0.75 0.625 0.437	330	0.387 0.125 0.75	38.5 31.2 -19.0	36.6 328.6	0.418 0.777 0.0	0.357	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
917	B50R_075_075 _{de}	0.75 0.0 0.75	0.75 0.75 0.375	330	0.315 0.0 0.75	30.8 37.5 -22.8	43.9 328.6	0.507 0.92 0.0	0.362	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
918	G00B_100_037 _{de}	0.625 1.0 0.625	1.0 0.375 0.812	150	0.625 1.0 0.629	79.6 -25.9 8.3	27.2 162.2	0.498 0.0 0.498	0.0	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
919	G00B_087_025 _{de}	0.625 0.875 0.625	0.875 0.25 0.75	150	0.625 0.875 0.627	75.4 -17.2 5.5	18.1 162.2	0.432 0.0 0.365	0.118	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
920	G00B_075_012 _{de}	0.625 0.75 0.625	0.75 0.125 0.687	150	0.625 0.75 0.626	71.3 -8.6 2.7	9.0 162.2	0.272 0.0 0.235	0.303	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
921	NW_062 _{de}	0.625 0.625 0.625	0.625 0.0 0.625	360	0.625 0.625 0.625	67.1 0.0 0.0	0.0 0.0 0.0	0.0 0.014 0.045	0.469	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0
922	B50R_062_012 _{de}	0.625 0.5 0.625	0.625 0.125 0.562	330	0.552 0.5 0.625	59.5 6.2 -3.8	7.3 328.6	0.01 0.197 0.0	0.509	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
923	B50R_062_025 _{de}	0.625 0.375 0.625	0.625 0.25 0.5	330	0.48 0.375 0.625	51.8 12.5 -7.6	14.6 328.6	0.12 0.39 0.0	0.517	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
924	B50R_062_037 _{de}	0.625 0.25 0.625	0.625 0.375 0.437	330	0.407 0.25 0.625	44.1 18.7 -11.4	21.9 328.6	0.244 0.56 0.0	0.51	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
925	B50R_062_050 _{de}	0.625 0.125 0.625	0.625 0.5 0.375	330	0.335 0.125 0.625	36.4 25.0 -15.2	29.3 328.6	0.356 0.726 0.0	0.495	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
926	B50R_062_062 _{de}	0.625 0.0 0.625	0.625 0.625 0.312	330	0.262 0.0 0.625	28.8 31.2 -19.0	36.6 328.6	0.48 0.868 0.0	0.498	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
927	G00B_100_050 _{de}	0.5 1.0 0.5	1.0 0.5 0.75	150	0.5 1.0 0.505	74.0 -34.5 11.0	36.3 162.2	0.623 0.0 0.623	0.0	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
928	G00B_087_037 _{de}	0.5 0.875 0.5	0.875 0.375 0.687	150	0.5 0.875 0.504	69.9 -25.9 8.3	27.2 162.2	0.598 0.0 0.505	0.091	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
929	G00B_075_025 _{de}	0.5 0.75 0.5	0.75 0.25 0.625	150	0.5 0.75 0.502	65.7 -17.2 5.5	18.1 162.2	0.483 0.0 0.413	0.279	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
930	G00B_062_012 _{de}	0.5 0.625 0.5	0.625 0.125 0.562	150	0.5 0.625 0.501	61.6 -8.6 2.7	9.0 162.2	0.305 0.0 0.279	0.303	150	0.0 1.0 0.011	51.7 -69.1 22.1	72.6 162.2
931	NW_050 _{de}	0.5 0.5 0.5	0.5 0.0 0.5	360	0.5 0.5 0.5	57.4 0.0 0.0	0.0 0.0 0.0	0.0 0.033 0.072	0.644	360	1.0 1.0 1.0	96.3 0.0 0.0	0.0 0.0 0.0
932	B50R_050_012 _{de}	0.5 0.375 0.5	0.5 0.125 0.437	330	0.427 0.375 0.5	49.7 6.2 -3.8	7.3 328.6	0.024 0.239 0.0	0.612	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
933	B50R_050_025 _{de}	0.5 0.25 0.5	0.5 0.25 0.375	330	0.355 0.249 0.5	42.1 12.5 -7.6	14.6 328.6	0.15 0.473 0.0	0.637	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
934	B50R_050_037 _{de}	0.5 0.125 0.5	0.5 0.375 0.312	330	0.282 0.124 0.5	34.4 18.7 -11.4	21.9 328.6	0.31 0.67 0.0	0.633	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
935	B50R_050_050 _{de}	0.5 0.0 0.5	0.5 0.5 0.25	330	0.21 0.0 0.5	26.7 25.0 -15.2	29.3 328.6	0.476 0.798 0.0	0.623	294	0.42 0.0 1.0	34.9 50.0 -30.5	58.6 328.6
936	G00B_100_062 _{de}	0.375 1.0 0.375	1.0 0.625 0.687	150	0.375 1.0 0.								

http://130.149.60.45/~farbmetrik/SE15/SE15L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FA.DAT in file (F), page 32/33

		HIC*Fde				rgb_Fde				ict_Fde				hsi_Fde				rgb*Fde				LabCh*Fde				cmyrn*sep.Fde				hsiM,de				rgb*Mde				LabCh*Mde			
972	NW_000de	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	1.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0		
973	NW_012de	0.125	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	28.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.011	0.1	0.901	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
974	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.053	0.81	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
975	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.016	0.067	0.714	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
976	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.033	0.072	0.612	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
977	NW_062de	0.625	0.625	0.625	0.625	0.0	0.625	0.625	360	0.625	0.625	0.625	67.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.014	0.045	0.469	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
978	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	0.75	360	0.75	0.75	0.75	76.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.333	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
979	NW_087de	0.875	0.875	0.875	0.875	0.0	0.875	0.875	360	0.875	0.875	0.875	86.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.014	0.008	0.18	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
980	NW_100de	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
981	NW_000de	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	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
982	NW_012de	0.125	0.125	0.125	0.125	0.0	0.125	0.125	360	0.125	0.125	0.125	28.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.011	0.1	0.901	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
983	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.053	0.81	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
984	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.016	0.067	0.714	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
985	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.033	0.072	0.612	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
986	NW_062de	0.625	0.625	0.625	0.625	0.0	0.625	0.625	360	0.625	0.625	0.625	67.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.014	0.045	0.469	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
987	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	0.75	360	0.75	0.75	0.75	76.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.333	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
988	NW_087de	0.875	0.875	0.875	0.875	0.0	0.875	0.875	360	0.875	0.875	0.875	86.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.014	0.008	0.18	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
989	NW_100de	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
990	NW_000de	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	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
991	NW_012de	0.125	0.125	0.125	0.125	0.0	0.125	0.125	360	0.125	0.125	0.125	28.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.011	0.1	0.901	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
992	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.053	0.81	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
993	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.016	0.067	0.714	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
994	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.033	0.072	0.612	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
995	NW_062de	0.625	0.625	0.625	0.625	0.0	0.625	0.625	360	0.625	0.625	0.625	67.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.014	0.045	0.469	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
996	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	0.75	360	0.75	0.75	0.75	76.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.333	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
997	NW_087de	0.875	0.875	0.875	0.875	0.0	0.875	0.875	360	0.875	0.875	0.875	86.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.014	0.008	0.18	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
998	NW_100de	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
999	NW_000de	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	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
1000	NW_012de	0.125	0.125	0.125	0.125	0.0	0.125	0.125	360	0.125	0.125	0.125	28.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.011	0.1	0.901	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
1001	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.053	0.81	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
1002	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.016	0.067	0.714	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
1003	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.033	0.072	0.612	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
1004	NW_062de	0.625	0.625	0.625	0.625	0.0	0.625	0.625	360	0.625	0.625	0.625	67.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.014	0.045	0.469	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
1005	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	0.75	360	0.75	0.75	0.75	76.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.333	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	
1006	NW_087de	0.875	0.875	0.875	0.875	0.0	0.875	0.875	360	0.875	0.875	0.875	86.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.014	0.008	0.18	360	1.0	1.0	1.0	96.3						

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

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

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>

http://130.149.60.45/~farbmetrik/SE15/SE15L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE15/SE15LE30FA.DAT in file (F), page 33/33

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

TUB registration: 20130201-SE15/SE15L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of offset print output, separationcyan* (CMYK)

n	HIC*F _{de}	rgb_F _{de}			ict_F _{de}		hsi_F _{de}	rgb*F _{de}			LabCh*F _{de}				cmyn*sep _{Fde}				hsiM _{de}	rgb*M _{de}			LabCh*M _{de}						
1053	NW_086 _{de}	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	0.014	0.0	0.009	0.191	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1054	NW_093 _{de}	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	0.01	0.0	0.003	0.095	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1055	NW_100 _{de}	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1056	NW_000 _{de}	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	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1057	NW_006 _{de}	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	0.124	0.0	0.13	0.947	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1058	NW_013 _{de}	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	0.0	0.027	0.109	0.893	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1059	NW_020 _{de}	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	0.0	0.015	0.068	0.844	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1060	NW_026 _{de}	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	0.0	0.008	0.057	0.798	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1061	NW_033 _{de}	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	0.0	0.045	0.091	0.747	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1062	NW_040 _{de}	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	0.0	0.0	0.046	0.695	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1063	NW_046 _{de}	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	0.0	0.017	0.058	0.643	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1064	NW_053 _{de}	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	0.007	0.0	0.042	0.568	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1065	NW_060 _{de}	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	0.0	0.025	0.058	0.493	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1066	NW_066 _{de}	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	70.3	0.0	0.0	0.0	0.0	0.0	0.0	0.025	0.427	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1067	NW_073 _{de}	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	0.0	0.014	0.038	0.354	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1068	NW_080 _{de}	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	0.0	0.004	0.021	0.272	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1069	NW_086 _{de}	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	0.014	0.0	0.009	0.191	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1070	NW_093 _{de}	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	0.01	0.0	0.003	0.095	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1071	NW_100 _{de}	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1072	NW_000 _{de}	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	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1073	NW_100 _{de}	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1074	R00Y_100_100 _{de}	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.131	47.6	66.3	31.6	73.4	25.4	0.0	1.0	0.867	0.0	383	1.0	0.0	0.131	47.6	66.3	31.6	73.4	25.4
1075	G50B_100_100 _{de}	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.712	56.3	-41.9	-31.5	52.4	216.9	1.0	0.0	0.286	0.0	193	0.0	1.0	0.712	56.3	-41.9	-31.5	52.4	216.9
1076	Y00G_100_100 _{de}	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.868	0.0	85.1	-3.3	83.7	83.7	92.3	0.0	0.132	1.0	0.0	83	1.0	0.868	0.0	85.1	-3.3	83.7	83.7	92.3
1077	B00R_100_100 _{de}	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.358	1.0	36.7	1.4	-46.6	46.6	271.7	1.0	0.639	0.0	0.0	249	0.0	0.358	1.0	36.7	1.4	-46.6	46.6	271.7
1078	G00B_100_100 _{de}	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.011	51.7	-69.1	22.1	72.6	162.2	1.0	0.0	0.988	0.0	150	0.0	1.0	0.011	51.7	-69.1	22.1	72.6	162.2
1079	B50R_100_100 _{de}	1.0	0.0	1.0	1.0	1.0	0.5	330	0.42	0.0	1.0	34.9	50.0	-30.5	58.6	328.6	0.577	1.0	0.0	0.0	294	0.42	0.0	1.0	34.9	50.0	-30.5	58.6	328.6
Mean color difference of this page:																delta													

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SE150-7N, Page 33/33-F

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

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