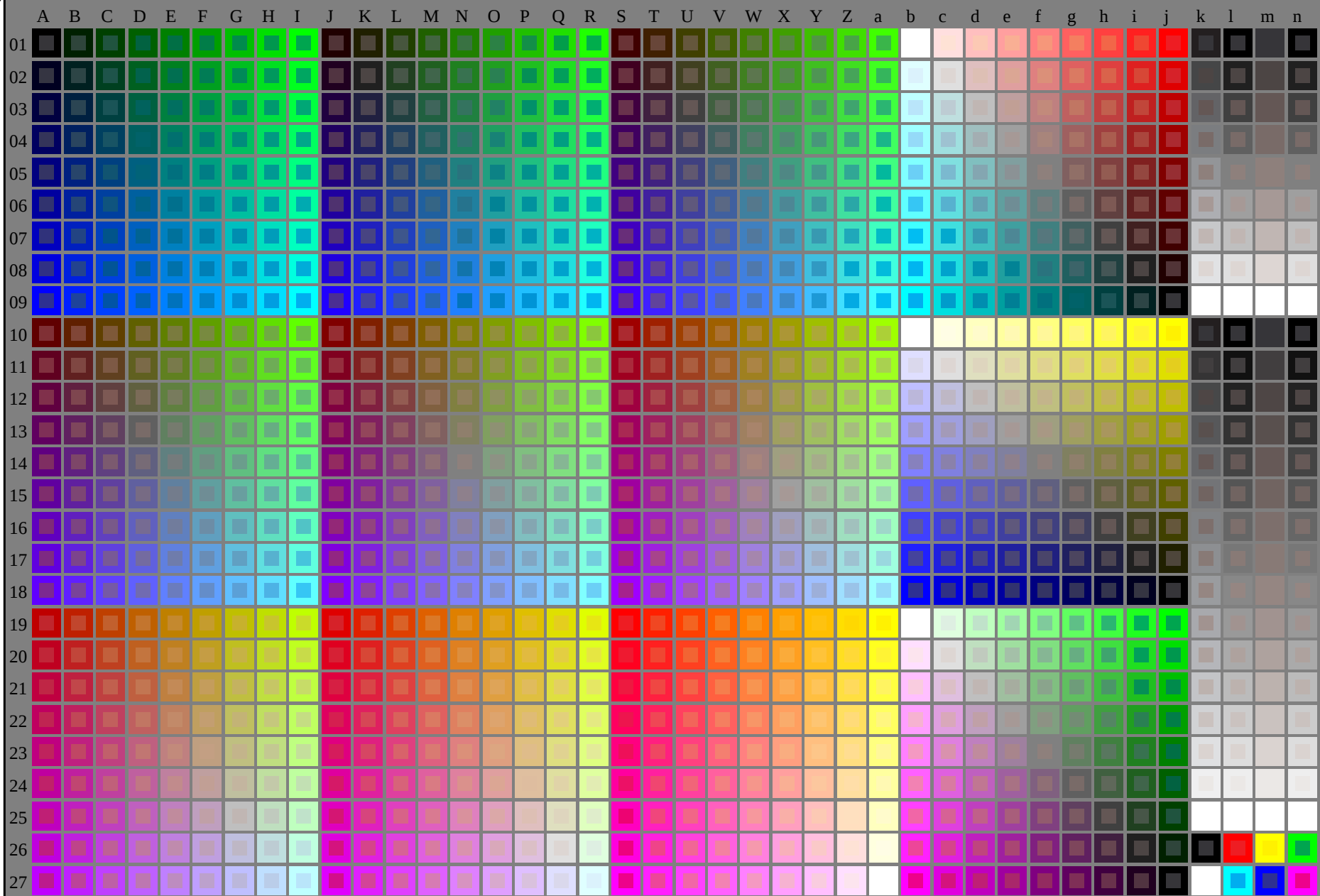


see similar files: <http://130.149.60.45/~farbmetrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE75/RE75L0FA.TXT /.PS
application for measurement of laser printer output

TUB material: code=rha4ta



RE750-7N_RGB 1-103031-L0

TUB-test chart RE75; 1080 standard colours, $cf=0,9$
Test chart according to DIN 33872

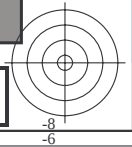
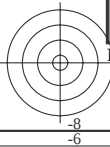
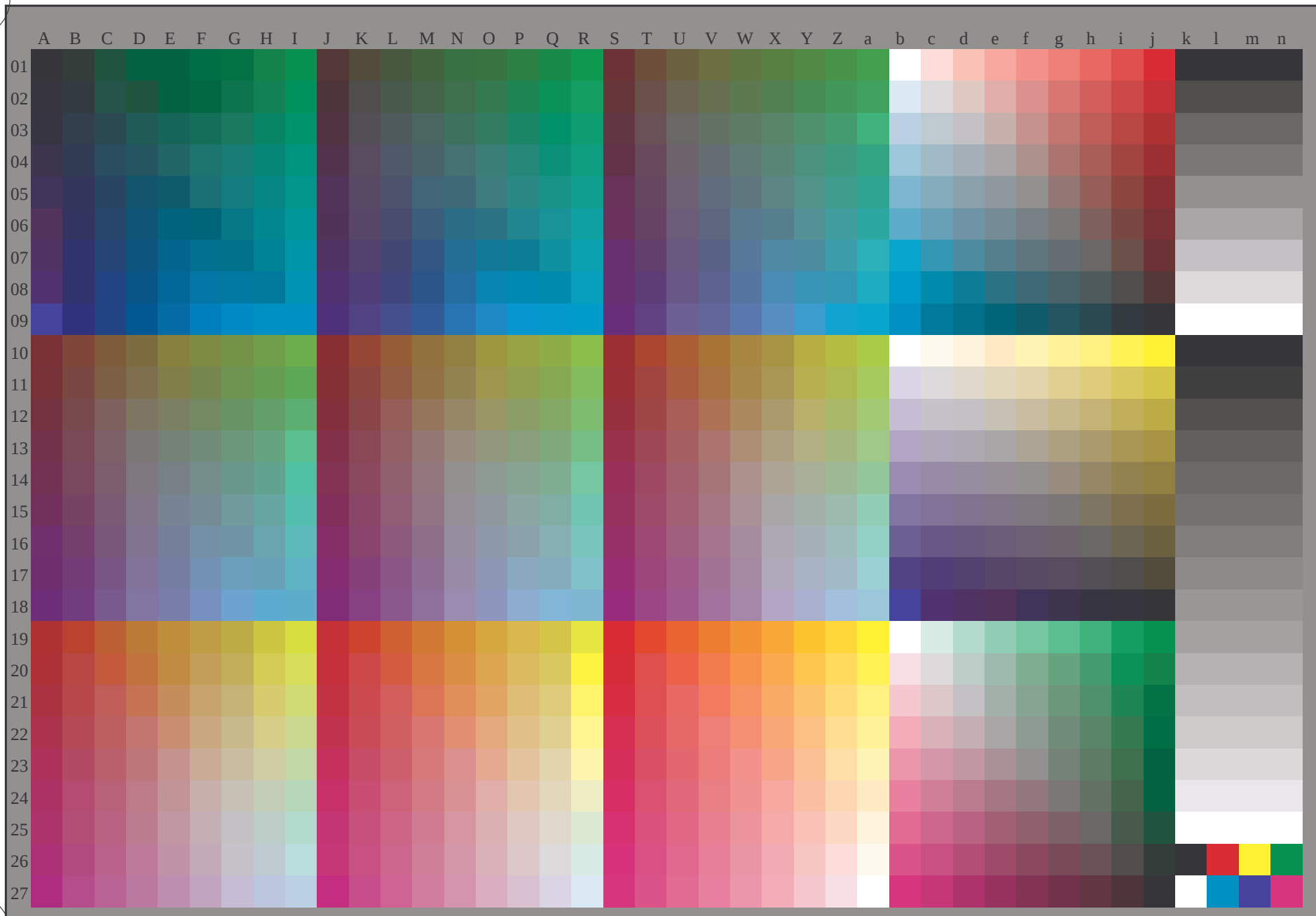
Test chart G with 40x27=1080 colours; equidistant 9 or 16 step colour scales; Colour data in column (A-n): **rgb** (A_j + k26_n27), 000n (k), w (l), nnn0 (m), www (n), 3D = 1

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



see similar files: <http://130.149.60.45/~farbmetrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE75/RE75L0FA.TXT /.PS
application for measurement of laser printer output, separation $cmY0^*$ (CMY0)
TUB material: code=rh4ta



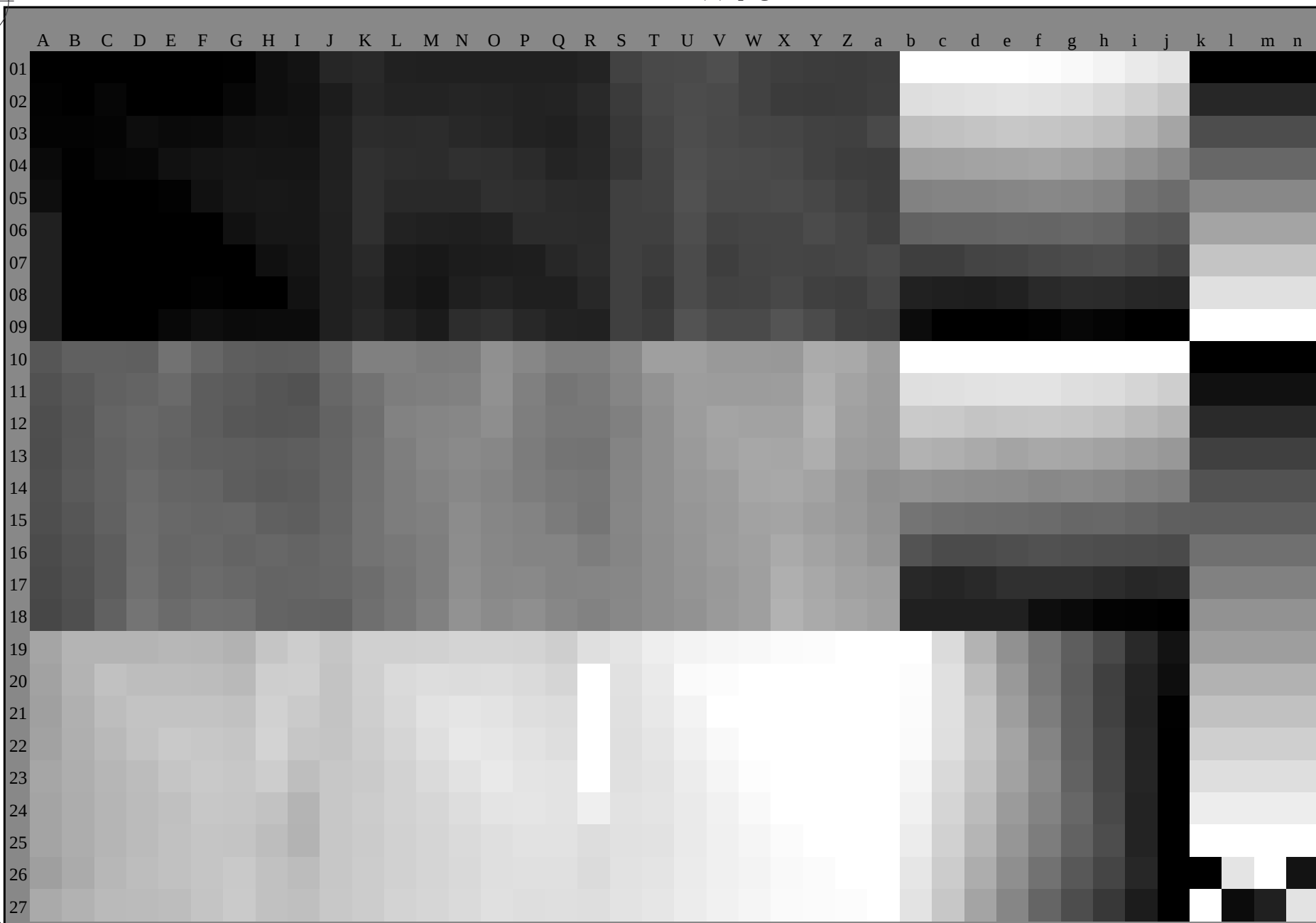
TUB-test chart RE75; 1080 standard colours, $cf=0,9$
Test chart according to DIN 33872, $3D=1$, $de=0$, $cmY0^*$

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmY0^*_{dd}$



see similar files: <http://130.149.60.45/~farbmetrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE75/RE75L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation $cmY0^*$ (CMY0)



RE750-72 1-103231-L0

TUB-test chart RE75; 1080 standard colours, $cf=0,9$
Test chart according to DIN 33872

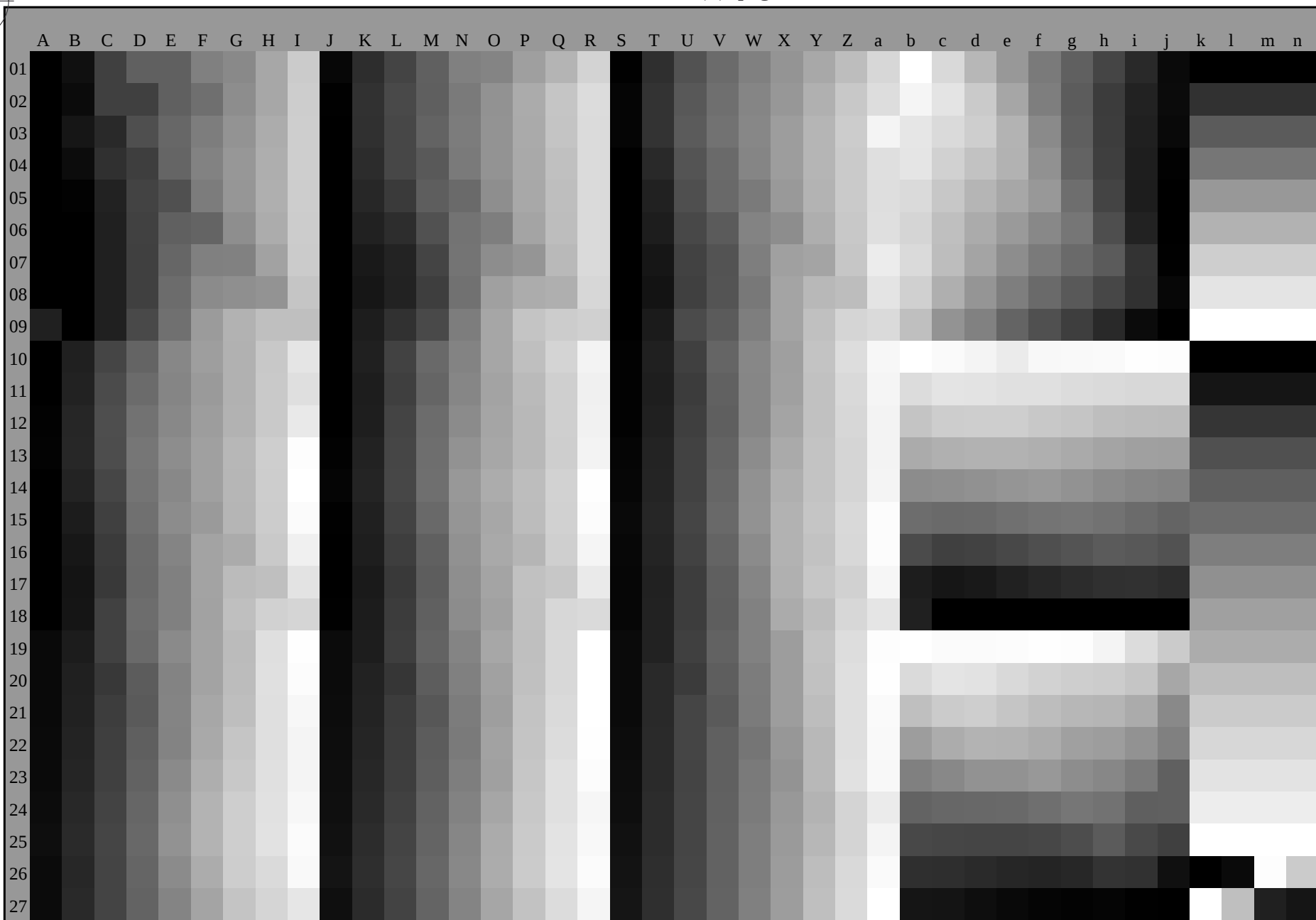
Test chart G with 40x27=1080 colours; equidistant 9 or 16 step colour scales; Colour data in column (A-n);, 3D = 1

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmY0^*_{dd}$

1-103231-F0

see similar files: <http://130.149.60.45/~farbmetrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE75/RE75L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation $cmY0^*$ (CMY0)



RE750-72 1-103331-L0

TUB-test chart RE75; 1080 standard colours, $cf=0,9$
Test chart according to DIN 33872

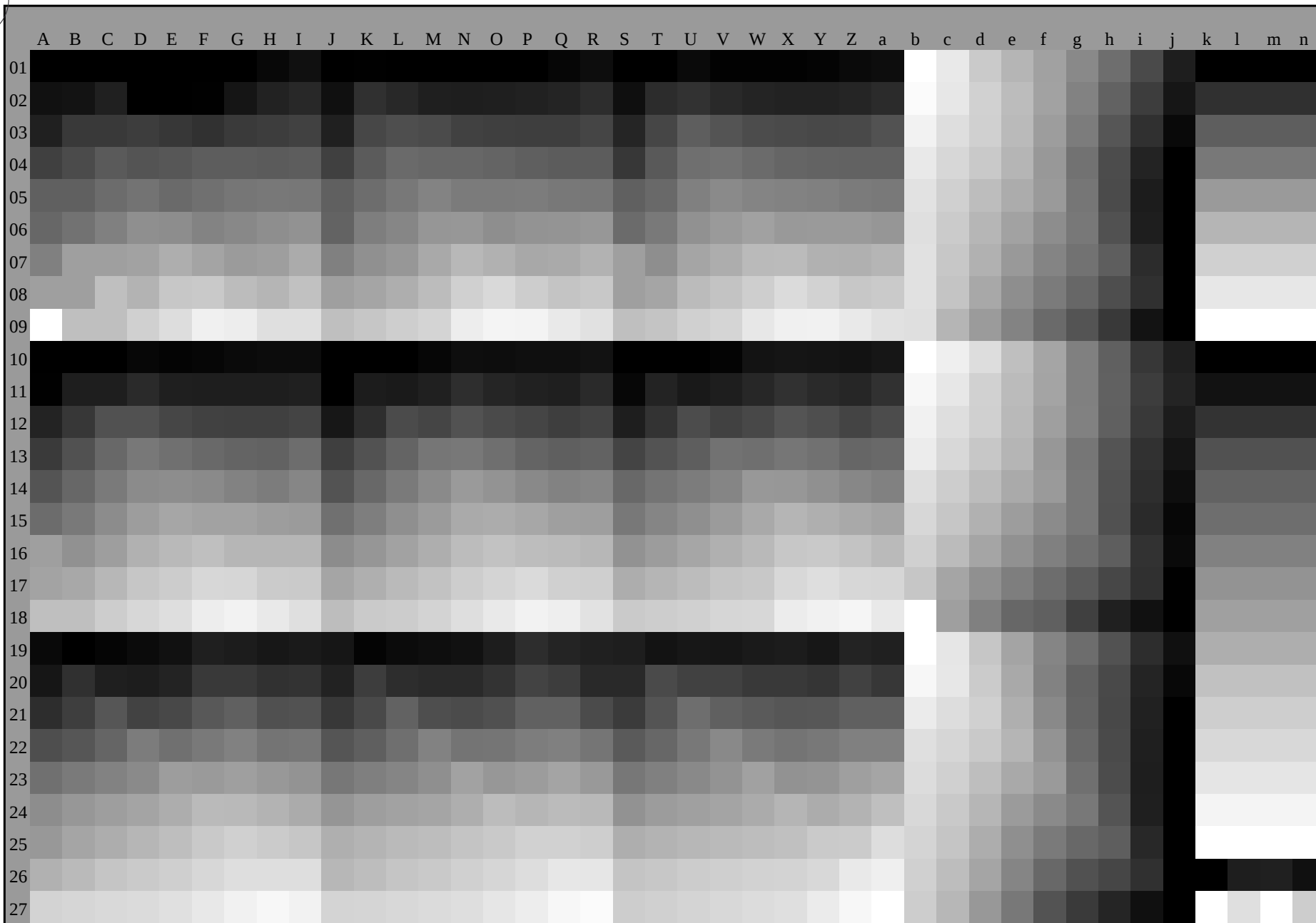
Test chart G with 40x27=1080 colours; equidistant 9 or 16 step colour scales; Colour data in column (A-n);, 3D = 1

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmY0^*_{dd}$

1-103331-F0

see similar files: <http://130.149.60.45/~farbmetrik/RE75/RE75L0FA.TXT> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE75/RE75L0FA.TXT /.PS
application for measurement of laser printer output, separation $cmY0^*$ (CMY0)
TUB material: code=rha4ta



RE750-72 1-103431-L0

TUB-test chart RE75; 1080 standard colours, $cf=0,9$
Test chart according to DIN 33872

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

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmy0^*_{dd}$

1-103431-F0

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; 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

$LCH^*_d = 91.1 \ 85.4 \ 99.5$
 $LAB^*_d = 91.1 \ -14.2 \ 84.3$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$ leaf-green

$LCH^*_d = 55.1 \ 73.3 \ 152.8$
 $LAB^*_d = 55.1 \ -65.2 \ 33.4$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$ cyan-blue

$LCH^*_d = 53.2 \ 51.4 \ 229.6$
 $LAB^*_d = 53.2 \ -33.3 \ -39.2$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$

$O=R_d$ orange-red

$LCH^*_d = 47.0 \ 71.5 \ 34.1$
 $LAB^*_d = 47.0 \ 59.1 \ 40.1$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

$M=M_d$ magenta-red

$LCH^*_d = 47.6 \ 70.6 \ 352.3$
 $LAB^*_d = 47.6 \ 69.9 \ -9.4$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$ violet-blue

$LCH^*_d = 32.1 \ 48.1 \ 299.0$
 $LAB^*_d = 32.1 \ 23.3 \ -42.1$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e yellow

$LCH^*_e = 84.0 \ 78.1 \ 92.3$
 $LAB^*_e = 84.0 \ -3.1 \ 78.1$
 $rgb^*_{de} = 1.0 \ 0.794 \ 0.0$

G_e green

$LCH^*_e = 55.0 \ 65.3 \ 162.2$
 $LAB^*_e = 55.0 \ -62.1 \ 19.9$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.175$

C_e blue-green

$LCH^*_e = 55.9 \ 47.1 \ 216.9$
 $LAB^*_e = 55.9 \ -37.6 \ -28.3$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.88$

B_e blue

$LCH^*_e = 37.3 \ 48.1 \ 271.7$
 $LAB^*_e = 37.3 \ 1.4 \ -48.1$
 $rgb^*_{de} = 0.0 \ 0.28 \ 1.0$

R_e red

$LCH^*_e = 46.2 \ 65.4 \ 25.4$
 $LAB^*_e = 46.2 \ 59.0 \ 28.1$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.273$

M_e blue-red

$LCH^*_e = 34.6 \ 55.9 \ 328.6$
 $LAB^*_e = 34.6 \ 47.7 \ -29.1$
 $rgb^*_{de} = 0.439 \ 0.0 \ 1.0$

Y_s yellow
standard CIELAB (a^*_s, b^*_s) chroma diagram

$LCH^*_s = 82.0 \ 79.6 \ 90.0$
 $LAB^*_s = 82.0 \ 0.0 \ 79.6$
 $rgb^*_{ds} = 1.0 \ 0.739 \ 0.0$

G_s green

$LCH^*_s = 56.5 \ 72.0 \ 150.0$
 $LAB^*_s = 56.5 \ -62.4 \ 36.0$
 $rgb^*_{ds} = 0.059 \ 1.0 \ 0.0$

R_s red

$LCH^*_s = 46.6 \ 67.9 \ 30.0$
 $LAB^*_s = 46.6 \ 58.8 \ 33.9$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.164$

C_s blue-green

$LCH^*_s = 56.9 \ 46.0 \ 210.0$
 $LAB^*_s = 56.9 \ -39.8 \ -23.0$
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.803$

M_s blue-red

$LCH^*_s = 35.2 \ 56.3 \ 330.0$
 $LAB^*_s = 35.2 \ 48.8 \ -28.1$
 $rgb^*_{ds} = 0.47 \ 0.0 \ 1.0$

B_s blue

$LCH^*_s = 38.1 \ 48.2 \ 270.0$
 $LAB^*_s = 38.1 \ 0.0 \ -48.2$
 $rgb^*_{ds} = 0.0 \ 0.299 \ 1.0$

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

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

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

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

3. For the 48 or 360 equally spaced standard hue angles $h_{ab,s}$ of the colours of maximum chroma use the seven hue angles of the 60 degree colours s : $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$ ($i=0,6$) and the equations for a 48 and 360 step hue circle:

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

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

4. For the 48 or 360 elementary hue angles $h_{ab,e}$ of the colours of maximum chroma use the seven hue angles of the elementary colours e : $h_{ab,ei} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$ ($i=0,6$) and the equations for a 48 and 360 step elementary hue circle:

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

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

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

6. The values rgb^*_e produce the output of the device-independent elementary hues

RE750-72 1-103631-L0

LAB*la0, YN=0%, XYZznw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted

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

TUB-test chart RE75; 1080 standard colours, $cf=0,9$
48 step hue circles; $rgb-LabCh^*$ -tables

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmy0^*_{dd}$

1-103631-F0

Data of Maximum color M in colorimetric system Offset standard print; separation cmycn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}	$LAB^*_{ddx64M}(x=LabCh)$	$rgb^*_{ddx361M}$	$LAB^*_{ddx361M}(x=LabCh)$	$rgb^*_{dsx361M}$	$LAB^*_{dsx361M}(x=LabCh)$	$rgb^*_{dex361M}$	$LAB^*_{dex361M}$																									
34.1	30.0	25.4	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1	1.0	0.0	0.0	47.1	59.2	40.2	71.5	34	1.0	0.0	0.165	46.6	58.8	34.0	67.9	30	1.0	0.0	0.274	46.3	59.1	28.1	65.4	25	
45.5	37.5	33.8	1.0	0.125	0.0	53.0	53.6	54.6	76.5	45.5	1.0	0.117	0.0	52.7	54.1	53.7	76.2	44	1.0	0.0	0.031	0.0	48.5	58.1	43.8	72.8	37	1.0	0.0	0.043	46.9	59.1	38.8	70.6	33
58.7	45.0	42.1	1.0	0.25	0.0	60.8	38.1	62.7	73.4	58.7	1.0	0.25	0.0	60.8	38.1	62.7	73.4	58	1.0	0.119	0.0	0.0	52.8	54.0	54.0	76.3	45	1.0	0.088	0.0	51.3	55.6	50.4	75.1	42
68.8	52.5	50.5	1.0	0.375	0.0	66.8	26.7	69.0	74.0	68.8	1.0	0.367	0.0	66.5	27.5	68.7	74.0	68	1.0	0.186	0.0	0.0	56.9	46.2	59.1	75.0	52	1.0	0.167	0.0	55.7	48.5	57.8	75.5	49
77.2	60.0	58.8	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2	1.0	0.5	0.0	72.2	16.7	73.7	75.5	77	1.0	0.266	0.0	0.0	61.6	36.7	63.6	73.5	60	1.0	0.252	0.0	60.9	37.9	62.9	73.4	58
82.8	67.5	67.2	1.0	0.625	0.0	76.1	9.8	77.6	78.3	82.8	1.0	0.617	0.0	75.9	10.3	77.4	78.1	82	1.0	0.352	0.0	0.0	65.8	28.9	68.0	73.9	67	1.0	0.348	0.0	65.6	29.2	67.9	73.9	66
90.6	75.0	75.6	1.0	0.75	0.0	82.6	-0.9	79.7	79.7	90.6	1.0	0.75	0.0	82.6	-0.9	79.7	79.7	-269	1.0	0.467	0.0	0.0	70.8	19.4	72.6	75.1	75	1.0	0.476	0.0	71.2	18.7	72.9	75.2	75
95.2	82.5	83.9	1.0	0.875	0.0	86.7	-6.8	75.1	75.4	95.2	1.0	0.867	0.0	86.4	-6.4	75.5	75.7	94	1.0	0.607	0.0	0.0	75.6	10.8	77.2	77.9	82	1.0	0.634	0.0	76.6	9.0	77.9	78.4	83
99.5	90.0	92.3	1.0	1.0	0.0	91.1	-14.2	84.3	85.4	99.5	1.0	1.0	0.0	91.1	-14.2	84.3	85.5	99	1.0	0.739	0.0	0.0	82.1	0.0	79.6	79.6	90	1.0	0.795	0.0	84.1	-3.1	78.1	78.2	92
100.7	97.5	101.0	0.875	1.0	0.0	92.9	-17.6	92.7	94.4	100.7	0.883	1.0	0.0	92.8	-17.3	92.2	93.8	100	1.0	0.926	0.0	0.0	88.5	-9.6	79.0	79.5	97	0.905	1.0	0.0	92.5	-16.7	90.7	92.3	100
103.7	105.0	109.7	0.75	1.0	0.0	89.4	-21.9	89.4	92.1	103.7	0.75	1.0	0.0	89.5	-21.8	89.5	92.1	103	0.73	1.0	0.0	0.0	88.2	-23.3	87.5	90.6	105	0.654	1.0	0.0	83.0	-28.5	79.4	84.4	109
111.6	112.5	118.5	0.625	1.0	0.0	81.0	-30.2	76.3	82.0	111.6	0.633	1.0	0.0	81.6	-29.7	77.2	82.8	111	0.619	1.0	0.0	0.0	80.8	-30.5	75.9	81.8	112	0.53	1.0	0.0	75.9	-36.2	68.5	77.5	117
119.9	120.0	127.2	0.5	1.0	0.0	74.3	-37.9	65.9	76.1	119.9	0.5	1.0	0.0	74.3	-37.9	66.0	76.1	119	0.499	1.0	0.0	0.0	74.3	-37.9	65.9	76.1	120	0.377	1.0	0.0	69.5	-44.2	58.3	73.2	127
127.3	127.5	136.0	0.375	1.0	0.0	69.4	-44.4	58.1	73.1	127.3	0.383	1.0	0.0	69.7	-43.9	58.7	73.4	126	0.381	1.0	0.0	0.0	69.7	-44.0	58.6	73.3	127	0.283	1.0	0.0	64.3	-50.8	50.2	71.5	135
138.3	135.0	144.7	0.25	1.0	0.0	62.4	-52.9	47.0	70.8	138.3	0.25	1.0	0.0	62.5	-52.8	47.1	70.8	138	0.288	1.0	0.0	0.0	64.6	-50.5	50.6	71.6	135	0.156	1.0	0.0	59.3	-57.6	40.8	70.7	144
146.8	142.5	153.4	0.125	1.0	0.0	58.2	-59.2	38.6	70.6	146.8	0.133	1.0	0.0	58.5	-58.7	39.2	70.7	146	0.197	1.0	0.0	0.0	60.7	-55.7	43.6	70.8	142	0.0	1.0	0.001	55.1	-65.1	33.4	73.3	152
152.8	150.0	162.2	0.0	1.0	0.0	55.1	-65.2	33.4	73.3	152.8	0.0	1.0	0.0	55.1	-65.2	33.5	73.3	152	0.06	1.0	0.0	0.0	56.6	-62.3	36.0	72.1	150	0.0	1.0	0.175	55.1	-62.1	19.9	65.3	162
159.5	157.5	169.0	0.0	1.0	0.125	54.8	-63.5	23.7	67.8	159.5	0.0	1.0	0.117	54.8	-63.6	24.4	68.2	159	0.0	1.0	0.078	54.9	-62.4	27.3	69.9	157	0.0	1.0	0.285	55.6	-58.6	11.8	59.8	168	
166.2	165.0	175.9	0.0	1.0	0.25	55.4	-59.8	14.6	61.5	166.2	0.0	1.0	0.25	55.4	-59.7	14.6	61.6	166	0.0	1.0	0.227	55.3	-60.5	16.2	62.7	165	0.0	1.0	0.391	56.3	-54.5	3.9	54.7	175	
174.5	172.5	182.7	0.0	1.0	0.375	56.2	-55.1	5.2	55.4	174.5	0.0	1.0	0.367	56.2	-55.4	5.8	55.8	174	0.0	1.0	0.336	56.0	-56.7	8.0	57.3	172	0.0	1.0	0.471	56.8	-51.4	-2.0	51.5	182	
184.6	180.0	189.6	0.0	1.0	0.5	56.9	-50.1	-4.0	50.3	184.6	0.0	1.0	0.5	56.9	-50.0	-4.0	50.3	184	0.0	1.0	0.442	56.6	-52.6	0.0	52.7	180	0.0	1.0	0.558	57.2	-47.9	-8.0	48.7	189	
195.2	187.5	196.4	0.0	1.0	0.625	57.4	-45.1	-12.3	46.7	195.2	0.0	1.0	0.617	57.4	-45.4	-11.7	47.0	194	0.0	1.0	0.528	57.0	-49.1	-5.9	49.5	187	0.0	1.0	0.634	57.5	-44.8	-12.8	46.7	195	
205.2	195.0	203.2	0.0	1.0	0.75	57.5	-41.0	-19.3	45.3	205.2	0.0	1.0	0.75	57.6	-41.0	-19.3	45.4	205	0.0	1.0	0.622	57.5	-45.2	-12.0	46.9	195	0.0	1.0	0.725	57.6	-41.8	-18.0	45.7	203	
216.3	202.5	210.1	0.0	1.0	0.875	56.0	-37.8	-27.8	46.9	216.3	0.0	1.0	0.867	56.1	-38.0	-27.2	46.9	215	0.0	1.0	0.709	57.5	-42.4	-17.1	45.9	202	0.0	1.0	0.8	57.0	-39.9	-22.7	46.0	209	
229.6	210.0	216.9	0.0	1.0	1.0	53.2	-33.3	-39.2	51.4	229.6	0.0	1.0	1.0	53.3	-33.2	-39.2	51.5	229	0.0	1.0	0.803	56.9	-39.8	-22.9	46.1	210	0.0	1.0	0.881	55.9	-37.6	-28.3	47.2	216	
233.6	217.5	223.8	0.0	0.875	1.0	52.6	-31.1	-42.2	52.5	233.6	0.0	0.883	1.0	52.7	-31.2	-42.0	52.5	233	0.0	1.0	0.881	55.9	-37.6	-28.3	47.2	217	0.0	1.0	0.941	54.6	-35.8	-33.8	49.4	223	
239.3	225.0	230.6	0.0	0.75	1.0	52.6	-27.5	-46.4	54.0	239.3	0.0	0.75	1.0	52.6	-27.4	-46.4	54.0	239	0.0	1.0	0.956	54.9	-35.2	-35.2	49.9	225	0.0	0.968	1.0	53.1	-32.7	-39.9	51.8	230	
247.2	232.5	237.5	0.0	0.625	1.0	50.2	-20.3	-48.6	52.7	247.2	0.0	0.633	1.0	50.4	-20.8	-48.4	52.8	246	0.0	0.926	1.0	0.0	52.9	-32.0	-41.0	52.1	232	0.0	0.8	1.0	52.6	-29.0	-44.7	53.4	237
254.6	240.0	244.3	0.0	0.5	1.0	46.2	-13.2	-48.4	50.2	254.6	0.0	0.5	1.0	46.3	-13.2	-48.3	50.2	254	0.0	0.74	1.0	0.0	52.4	-26.9	-46.6	53.9	240	0.0	0.671	1.0	51.1	-22.9	-47.9	53.2	244
263.2	247.5	251.2	0.0	0.375	1.0	41.3	-5.7	-48.3	48.6	263.2	0.0	0.383	1.0	41.7	-6.1	-48.3	48.8	262	0.0	0.629	1.0	0.0	50.3	-20.5	-48.5	52.8	247	0.0	0.566	1.0	48.4	-16.9	-48.6	51.6	250
274.4	255.0	258.0	0.0	0.25	1.0	36.0	3.7	-47.8	47.9	274.4	0.0	0.25	1.0	36.1	3.7	-47.7	48.0	274	0.0	0.495	1.0	0.0	46.1	-12.9	-48.4	50.2	255	0.0	0.451	1.0	44.3	-10.2	-48.4	49.6	258
287.7	262.5	264.8	0.0	0.125	1.0	34.4	14.1	-44.3	46.5	287.7	0.0	0.133	1.0	34.6	13.5	-44.5	46.6	286	0.0	0.393	1.0	0.0	42.1	-6.7	-48.3	48.9	262	0.0	0.362	1.0	40.8	-4.6	-48.3	48.6	264
299.0	270.0	271.7	0.0	0.0	1.0	32.1	23.3	-42.1	48.1	299.0	0.0	0.0	1.0	32.1	23.4	-42.0	48.2	299	0.0	0.3	1.0	0.0	38.2	0.0	-48.1	48.2	270	0.0	0.281	1.0	37.4	1.5	-48.0	48.1	271
308.6	277.5	278.8	0.125	0.0	1.0	31.3	31.1	-38.9	49.8	308.6	0.117	0.0	1.0	31.4	30.6	-39.1	49.7	308	0.0	0.226	1.0	0.0	35.8	5.8	-47.2	47.7	277	0.0	0.213	1.0	35.6	6.9	-46.9	47.5	278
318.6	285.0	285.9	0.25	0.0	1.0	30.9	38.6	-34.0	51.4	318.6	0.25	0.0	1.0	30.9	38.7	-33.9	51.5	318	0.0	0.151	1.0	0.0	34.8	12.1	-45.1	46.8	285	0.0	0.142	1.0	34.7	12.8	-44.8	46.7	285
325.6	292.5	293.0	0.375	0.0	1.0	33.4	45.4	-31.0	55.0	325.6	0.367	0.0	1.0	33.3	45.0	-31.2	54.8	325	0.0	0.078	1.0	0.0	33.6	17.7	-43.6	47.2	292	0.0	0.071	1.0	33.5	18.1	-43.5	47.2	292
331.3	300.0	300.1	0.5	0.0	1.0	35.8	49.8	-27.2	56.7	331.3	0.5	0.0	1.0	35.8	49.8	-27.1	56.8	331	0.013	0.0	1.0	0.0	32.1	24.2	-41.8	48.3	300	0.015	0.0	1.0	32.0	24.3	-41.7	48.4	300
337.6	307.5	307.2	0																																

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_d$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; 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}			$LAB^*_{ddx64M} (x=LabCh)$						$rgb^*_{dex361M}$			$LAB^*_{dex361M}$						rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}	
34.1	30.0	25.4	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1	34.1		1.0	0.0	0.274	46.3	59.1	28.1	65.4	25				
45.5	37.5	33.8	1.0	0.125	0.0	53.0	53.6	54.6	76.5	45.5	45.5		1.0	0.0	0.043	46.9	59.1	38.8	70.6	33				
58.7	45.0	42.1	1.0	0.25	0.0	60.8	38.1	62.7	73.4	58.7	58.7		1.0	0.088	0.0	51.3	55.6	50.4	75.1	42				
68.8	52.5	50.5	1.0	0.375	0.0	66.8	26.7	69.0	74.0	68.8	68.8		1.0	0.167	0.0	55.7	48.5	57.8	75.5	49				
77.2	60.0	58.8	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2	77.2		1.0	0.252	0.0	60.9	37.9	62.9	73.4	58				
82.8	67.5	67.2	1.0	0.625	0.0	76.1	9.8	77.6	78.3	82.8	82.8		1.0	0.348	0.0	65.6	29.2	67.9	73.9	66				
90.6	75.0	75.6	1.0	0.75	0.0	82.6	-0.9	79.7	79.7	90.6	90.6		1.0	0.476	0.0	71.2	18.7	72.9	75.2	75				
95.2	82.5	83.9	1.0	0.875	0.0	86.7	-6.8	75.1	75.4	95.2	95.2		1.0	0.634	0.0	76.6	9.0	77.9	78.4	83				
99.5	90.0	92.3	1.0	1.0	0.0	91.1	-14.2	84.3	85.4	99.5	99.5		1.0	0.795	0.0	84.1	-3.1	78.1	78.2	92				
100.7	97.5	101.0	0.875	1.0	0.0	92.9	-17.6	92.7	94.4	100.7	100.7		0.905	1.0	0.0	92.5	-16.7	90.7	92.3	100				
103.7	105.0	109.7	0.75	1.0	0.0	89.4	-21.9	89.4	92.1	103.7	103.7		0.654	1.0	0.0	83.0	-28.5	79.4	84.4	109				
111.6	112.5	118.5	0.625	1.0	0.0	81.0	-30.2	76.3	82.0	111.6	111.6		0.53	1.0	0.0	75.9	-36.2	68.5	77.5	117				
119.9	120.0	127.2	0.5	1.0	0.0	74.3	-37.9	65.9	76.1	119.9	119.9		0.377	1.0	0.0	69.5	-44.2	58.3	73.2	127				
127.3	127.5	136.0	0.375	1.0	0.0	69.4	-44.4	58.1	73.1	127.3	127.3		0.283	1.0	0.0	64.3	-50.8	50.2	71.5	135				
138.3	135.0	144.7	0.25	1.0	0.0	62.4	-52.9	47.0	70.8	138.3	138.3		0.156	1.0	0.0	59.3	-57.6	40.8	70.7	144				
146.8	142.5	153.4	0.125	1.0	0.0	58.2	-59.2	38.6	70.6	146.8	146.8		0.0	1.0	0.001	55.1	-65.1	33.4	73.3	152				
152.8	150.0	162.2	0.0	1.0	0.0	55.1	-65.2	33.4	73.3	152.8	152.8		0.0	1.0	0.175	55.1	-62.1	19.9	65.3	162				
159.5	157.5	169.0	0.0	1.0	0.125	54.8	-63.5	23.7	67.8	159.5	159.5		0.0	1.0	0.285	55.6	-58.6	11.8	59.8	168				
166.2	165.0	175.9	0.0	1.0	0.25	55.4	-59.8	14.6	61.5	166.2	166.2		0.0	1.0	0.391	56.3	-54.5	3.9	54.7	175				
174.5	172.5	182.7	0.0	1.0	0.375	56.2	-55.1	5.2	55.4	174.5	174.5		0.0	1.0	0.471	56.8	-51.4	-2.0	51.5	182				
184.6	180.0	189.6	0.0	1.0	0.5	56.9	-50.1	-4.0	50.3	184.6	184.6		0.0	1.0	0.558	57.2	-47.9	-8.0	48.7	189				
195.2	187.5	196.4	0.0	1.0	0.625	57.4	-45.1	-12.3	46.7	195.2	195.2		0.0	1.0	0.634	57.5	-44.8	-12.8	46.7	195				
205.2	195.0	203.2	0.0	1.0	0.75	57.5	-41.0	-19.3	45.3	205.2	205.2		0.0	1.0	0.725	57.6	-41.8	-18.0	45.7	203				
216.3	202.5	210.1	0.0	1.0	0.875	56.0	-37.8	-27.8	46.9	216.3	216.3		0.0	1.0	0.8	57.0	-39.9	-22.7	46.0	209				
229.6	210.0	216.9	0.0	1.0	1.0	53.2	-33.3	-39.2	51.4	229.6	229.6		0.0	1.0	0.881	55.9	-37.6	-28.3	47.2	216				
233.6	217.5	223.8	0.0	0.875	1.0	52.6	-31.1	-42.2	52.5	233.6	233.6		0.0	1.0	0.941	54.6	-35.8	-33.8	49.4	223				
239.3	225.0	230.6	0.0	0.75	1.0	52.6	-27.5	-46.4	54.0	239.3	239.3		0.0	0.968	1.0	53.1	-32.7	-39.9	51.8	230				
247.2	232.5	237.5	0.0	0.625	1.0	50.2	-20.3	-48.6	52.7	247.2	247.2		0.0	0.8	1.0	52.6	-29.0	-44.7	53.4	237				
254.6	240.0	244.3	0.0	0.5	1.0	46.2	-13.2	-48.4	50.2	254.6	254.6		0.0	0.671	1.0	51.1	-22.9	-47.9	53.2	244				
263.2	247.5	251.2	0.0	0.375	1.0	41.3	-5.7	-48.3	48.6	263.2	263.2		0.0	0.566	1.0	48.4	-16.9	-48.6	51.6	250				
274.4	255.0	258.0	0.0	0.25	1.0	36.0	3.7	-47.8	47.9	274.4	274.4		0.0	0.451	1.0	44.3	-10.2	-48.4	49.6	258				
287.7	262.5	264.8	0.0	0.125	1.0	34.4	14.1	-44.3	46.5	287.7	287.7		0.0	0.362	1.0	40.8	-4.6	-48.3	48.6	264				
299.0	270.0	271.7	0.0	0.0	1.0	32.1	23.3	-42.1	48.1	299.0	299.0		0.0	0.281	1.0	37.4	1.5	-48.0	48.1	271				
308.6	277.5	278.8	0.125	0.0	1.0	31.3	31.1	-38.9	49.8	308.6	308.6		0.0	0.213	1.0	35.6	6.9	-46.9	47.5	278				
318.6	285.0	285.9	0.25	0.0	1.0	30.9	38.6	-34.0	51.4	318.6	318.6		0.0	0.142	1.0	34.7	12.8	-44.8	46.7	285				
325.6	292.5	293.0	0.375	0.0	1.0	33.4	45.4	-31.0	55.0	325.6	325.6		0.0	0.071	1.0	33.5	18.1	-43.5	47.2	292				
331.3	300.0	300.1	0.5	0.0	1.0	35.8	49.8	-27.2	56.7	331.3	331.3		0.015	0.0	1.0	32.0	24.3	-41.7	48.4	300				
337.6	307.5	307.2	0.625	0.0	1.0	39.0	54.7	-22.4	59.1	337.6	337.6		0.101	0.0	1.0	31.5	29.7	-39.5	49.5	306				
342.7	315.0	314.3	0.75	0.0	1.0	41.8	60.0	-18.6	62.8	342.7	342.7		0.197	0.0	1.0	31.1	35.5	-36.2	50.8	314				
347.0	322.5	321.4	0.875	0.0	1.0	44.2	64.5	-14.8	66.2	347.0	347.0		0.292	0.0	1.0	31.8	41.0	-33.0	52.7	321				
352.3	330.0	328.6	1.0	0.0	1.0	47.6	69.9	-9.4	70.6	352.3	352.3		0.44	0.0	1.0	34.7	47.8	-29.0	56.0	328				
353.7	337.5	335.7	1.0	0.0	0.875	46.9	69.7	-7.6	70.1	353.7	353.7		0.577	0.0	1.0	37.8	52.9	-24.3	58.3	335				
359.1	345.0	342.8	1.0	0.0	0.75	46.3	66.8	-1.0	66.8	359.1	359.1		0.753	0.0	1.0	41.9	60.1	-18.5	62.9	342				
365.9	352.5	349.9	1.0	0.0	0.625	46.1	64.3	6.7	64.7	365.9	365.9		0.932	0.0	1.0	45.8	67.1	-12.4	68.2	349				
373.0	360.0	357.0	1.0	0.0	0.5	46.0	61.4	14.2	63.1	373.0	373.0		0.993	0.0	1.0	47.5	69.7	-9.6	70.4	352				
380.2	367.5	364.1	1.0	0.0	0.375	45.8	59.8	22.0	63.7	380.2	380.2		1.0	0.0	0.736	46.3	66.7	-0.1	66.7	359				
386.6	375.0	371.2	1.0	0.0	0.25	46.3	58.7	29.5	65.8	386.6	386.6		1.0	0.0	0.576	46.1	63.3	9.8	64.1	368				
391.5	382.5	378.3	1.0	0.0	0.125	46.7	58.7	36.0	68.9	391.5	391.5		1.0	0.0	0.439	46.0	60.8	18.1	63.4	376				
394.1	390.0	385.4	1.0	0.0	0.0	47.0	59.1	40.1	71.5	394.1	394.1		1.0	0.0	0.274	46.3	59.1	28.1	65.4	385				

RE750-72

1-103831-L0

LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmyn6*, D65, page 9/33

TUB-test chart RE75; 1080 standard colours, $cf=0.9$
48 step hue circles; $rgb-LabCh$ *tables

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmy0^*_{dd}$

TUB registration: 20150701-RE75/RE75L0FA.TXT /.PS
application for measurement of laser printer output, separation $cmy0^*$ (CMY0)
TUB material: code=rh4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyln6*, 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 $RYGCBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; 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}
34	30	25	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34	1.0	0.0	0.0	0.0	0.0
35	31	26	1.0	0.016	0.0	47.8	58.6	42.1	72.2	35	1.0	0.0	0.017	0.0	0.0
37	32	27	1.0	0.033	0.0	48.6	58.0	44.0	72.8	37	1.0	0.0	0.033	0.0	0.0
38	33	28	1.0	0.05	0.0	49.4	57.3	46.0	73.5	38	1.0	0.0	0.05	0.0	0.0
40	34	29	1.0	0.066	0.0	50.2	56.6	47.9	74.2	40	1.0	0.0	0.067	0.0	0.0
41	35	31	1.0	0.083	0.0	51.0	55.8	49.8	74.8	41	1.0	0.0	0.083	0.0	0.0
43	36	32	1.0	0.1	0.0	51.8	55.0	51.7	75.5	43	1.0	0.0	0.1	0.0	0.0
44	37	33	1.0	0.116	0.0	52.6	54.0	53.6	76.2	44	1.0	0.0	0.117	0.0	0.0
46	38	34	1.0	0.133	0.0	53.5	52.6	55.3	76.3	46	1.0	0.0	0.133	0.0	0.0
48	39	35	1.0	0.15	0.0	54.6	50.6	56.5	75.9	48	1.0	0.0	0.15	0.0	0.0
49	40	36	1.0	0.166	0.0	55.6	48.5	57.7	75.4	49	1.0	0.0	0.167	0.0	0.0
51	41	37	1.0	0.183	0.0	56.6	46.5	58.9	75.0	51	1.0	0.0	0.183	0.0	0.0
53	42	38	1.0	0.2	0.0	57.7	44.4	59.9	74.6	53	1.0	0.0	0.2	0.0	0.0
55	43	39	1.0	0.216	0.0	58.7	42.3	60.9	74.2	55	1.0	0.0	0.217	0.0	0.0
56	44	41	1.0	0.233	0.0	59.7	40.2	61.8	73.8	56	1.0	0.0	0.233	0.0	0.0
58	45	42	1.0	0.25	0.0	60.8	38.1	62.7	73.4	58	1.0	0.0	0.25	0.0	0.0
60	46	43	1.0	0.266	0.0	61.6	36.6	63.6	73.4	60	1.0	0.0	0.267	0.0	0.0
61	47	44	1.0	0.283	0.0	62.4	35.2	64.6	73.5	61	1.0	0.0	0.283	0.0	0.0
62	48	45	1.0	0.3	0.0	63.2	33.7	65.4	73.6	62	1.0	0.0	0.3	0.0	0.0
64	49	46	1.0	0.316	0.0	64.0	32.1	66.3	73.7	64	1.0	0.0	0.317	0.0	0.0
65	50	47	1.0	0.333	0.0	64.8	30.6	67.1	73.8	65	1.0	0.0	0.333	0.0	0.0
66	51	48	1.0	0.35	0.0	65.6	29.0	67.9	73.9	66	1.0	0.0	0.35	0.0	0.0
68	52	49	1.0	0.366	0.0	66.4	27.5	68.6	73.9	68	1.0	0.0	0.367	0.0	0.0
69	53	51	1.0	0.383	0.0	67.2	26.0	69.3	74.1	69	1.0	0.0	0.383	0.0	0.0
70	54	52	1.0	0.4	0.0	67.9	24.7	70.0	74.3	70	1.0	0.0	0.4	0.0	0.0
71	55	53	1.0	0.416	0.0	68.6	23.4	70.7	74.5	71	1.0	0.0	0.417	0.0	0.0
72	56	54	1.0	0.433	0.0	69.3	22.1	71.3	74.7	72	1.0	0.0	0.433	0.0	0.0
73	57	55	1.0	0.45	0.0	70.0	20.8	71.9	74.9	73	1.0	0.0	0.45	0.0	0.0
74	58	56	1.0	0.466	0.0	70.7	19.4	72.5	75.1	74	1.0	0.0	0.467	0.0	0.0
76	59	57	1.0	0.483	0.0	71.4	18.0	73.1	75.3	76	1.0	0.0	0.483	0.0	0.0
77	60	58	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77	1.0	0.0	0.5	0.0	0.0
77	61	60	1.0	0.516	0.0	72.7	15.8	74.2	75.8	77	1.0	0.0	0.517	0.0	0.0
78	62	61	1.0	0.533	0.0	73.2	14.9	74.7	76.2	78	1.0	0.0	0.533	0.0	0.0
79	63	62	1.0	0.55	0.0	73.7	14.0	75.3	76.6	79	1.0	0.0	0.55	0.0	0.0
80	64	63	1.0	0.566	0.0	74.3	13.0	75.8	77.0	80	1.0	0.0	0.567	0.0	0.0
80	65	64	1.0	0.583	0.0	74.8	12.1	76.4	77.3	80	1.0	0.0	0.583	0.0	0.0
81	66	65	1.0	0.6	0.0	75.3	11.2	76.9	77.7	81	1.0	0.0	0.6	0.0	0.0
82	67	66	1.0	0.616	0.0	75.8	10.2	77.4	78.1	82	1.0	0.0	0.617	0.0	0.0
83	68	67	1.0	0.633	0.0	76.5	9.1	77.8	78.4	83	1.0	0.0	0.633	0.0	0.0
84	69	68	1.0	0.65	0.0	77.4	7.6	78.2	78.5	84	1.0	0.0	0.65	0.0	0.0
85	70	70	1.0	0.666	0.0	78.3	6.2	78.5	78.7	85	1.0	0.0	0.667	0.0	0.0
86	71	71	1.0	0.683	0.0	79.1	4.8	78.8	78.9	86	1.0	0.0	0.683	0.0	0.0
87	72	72	1.0	0.7	0.0	80.0	3.4	79.0	79.1	87	1.0	0.0	0.7	0.0	0.0
88	73	73	1.0	0.716	0.0	80.9	1.9	79.3	79.3	88	1.0	0.0	0.717	0.0	0.0
89	74	74	1.0	0.733	0.0	81.7	0.5	79.5	79.5	89	1.0	0.0	0.733	0.0	0.0
-269	75	75	1.0	0.75	0.0	82.6	-0.9	79.7	79.7	-269	1.0	0.0	0.75	0.0	0.0

RE750-72

1-103931-L0

LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nmw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmyln6*, D65, page 10/33

TUB-test chart RE75; 1080 standard colours, $cf=0.9$
48 step hue circles; $rgb-LabCh$ *tables

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmy0^*_{dd}$

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

Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$r_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	r_{gb}^* dd361Mi	LAB^* ddx361Mi (x=LabCh)	r_{gb}^* ds361Mi	LAB^* dsx361Mi (x=LabCh)	r_{gb}^* dd361Mi	r_{gb}^* de361Mi	LAB^* dex361Mi (x=LabCh)	r_{gb}^* dd361Mi	r_{gb}^* ds361Mi	r_{gb}^* de361Mi
-269	75	75	1.0 0.75 0.0	82.6 -0.9 79.7 79.7 -269	R _d	1.0 0.467 0.0 70.8 19.4 72.6 75.1 75	1.0 0.75 0.0	1.0 0.476 0.0 71.2 18.7 72.9 75.2 75	1.0 0.75 0.0			
91	76	76	1.0 0.766 0.0	83.1 -1.7 79.1 79.1 91		1.0 0.482 0.0 71.4 18.2 73.1 75.3 76	1.0 0.767 0.0	1.0 0.492 0.0 71.9 17.3 73.4 75.4 76	1.0 0.767 0.0			
91	77	77	1.0 0.783 0.0	83.7 -2.5 78.5 78.5 91		1.0 0.496 0.0 72.0 17.0 73.5 75.5 77	1.0 0.783 0.0	1.0 0.513 0.0 72.6 16.0 74.1 75.8 77	1.0 0.783 0.0			
92	78	78	1.0 0.8 0.0	84.2 -3.4 77.9 78.0 92		1.0 0.517 0.0 72.7 15.8 74.2 75.9 78	1.0 0.8 0.0	1.0 0.538 0.0 73.4 14.6 75.0 76.4 78	1.0 0.8 0.0			
93	79	80	1.0 0.816 0.0	84.8 -4.1 77.3 77.4 93		1.0 0.54 0.0 73.4 14.6 75.0 76.4 79	1.0 0.817 0.0	1.0 0.563 0.0 74.2 13.3 75.8 76.9 80	1.0 0.817 0.0			
93	80	81	1.0 0.833 0.0	85.3 -4.9 76.7 76.8 93		1.0 0.562 0.0 74.2 13.4 75.7 76.9 80	1.0 0.833 0.0	1.0 0.588 0.0 75.0 11.9 76.6 77.5 81	1.0 0.833 0.0			
94	81	82	1.0 0.85 0.0	85.8 -5.7 76.0 76.3 94		1.0 0.584 0.0 74.9 12.1 76.5 77.4 81	1.0 0.85 0.0	1.0 0.613 0.0 75.8 10.5 77.3 78.1 82	1.0 0.85 0.0			
94	82	83	1.0 0.866 0.0	86.4 -6.4 75.4 75.7 94		1.0 0.607 0.0 75.6 10.8 77.2 77.9 82	1.0 0.867 0.0	1.0 0.634 0.0 76.6 9.0 77.9 78.4 83	1.0 0.867 0.0			
95	83	84	1.0 0.883 0.0	87.0 -7.3 75.7 76.1 95		1.0 0.628 0.0 76.3 9.5 77.8 78.4 83	1.0 0.883 0.0	1.0 0.652 0.0 77.6 7.5 78.3 78.6 84	1.0 0.883 0.0			
96	84	85	1.0 0.9 0.0	87.5 -8.2 77.0 77.4 96		1.0 0.644 0.0 77.1 8.2 78.1 78.5 84	1.0 0.9 0.0	1.0 0.67 0.0 78.5 6.0 78.6 78.8 85	1.0 0.9 0.0			
96	85	86	1.0 0.916 0.0	88.1 -9.1 78.2 78.8 96		1.0 0.66 0.0 78.0 6.9 78.4 78.7 85	1.0 0.917 0.0	1.0 0.687 0.0 79.4 4.5 78.9 79.0 86	1.0 0.917 0.0			
97	86	87	1.0 0.933 0.0	88.7 -10.1 79.5 80.1 97		1.0 0.676 0.0 78.8 5.5 78.7 78.9 86	1.0 0.933 0.0	1.0 0.705 0.0 80.3 3.0 79.2 79.2 87	1.0 0.933 0.0			
97	87	88	1.0 0.95 0.0	89.3 -11.1 80.7 81.4 97		1.0 0.692 0.0 79.6 4.1 79.0 79.1 87	1.0 0.95 0.0	1.0 0.723 0.0 81.2 1.4 79.4 79.4 88	1.0 0.95 0.0			
98	88	90	1.0 0.966 0.0	89.9 -12.1 81.9 82.8 98		1.0 0.707 0.0 80.4 2.8 79.2 79.2 88	1.0 0.967 0.0	1.0 0.74 0.0 82.1 0.0 79.6 79.6 90	1.0 0.967 0.0			
99	89	91	1.0 0.983 0.0	90.5 -13.1 83.1 84.1 99		1.0 0.723 0.0 81.2 1.4 79.4 79.4 89	1.0 0.983 0.0	1.0 0.764 0.0 83.1 -1.6 79.2 79.2 91	1.0 0.983 0.0			
99	90	92	1.0 1.0 0.0	91.1 -14.2 84.3 85.4 99	Y _d	1.0 0.739 0.0 82.1 0.0 79.6 79.6 90	Y _s	1.0 1.0 0.0	1.0 0.795 0.0 84.1 -3.1 78.1 78.2 92	Y _e	1.0 1.0 0.0	
99	91	93	0.983 1.0 0.0	91.3 -14.6 85.4 86.6 99		1.0 0.759 0.0 82.9 -1.3 79.4 79.4 91	0.983 1.0 0.0	1.0 0.827 0.0 85.1 -4.6 77.0 77.1 93	0.983 1.0 0.0			
99	92	94	0.966 1.0 0.0	91.6 -15.1 86.5 87.8 99		1.0 0.786 0.0 83.8 -2.6 78.4 78.5 92	0.967 1.0 0.0	1.0 0.859 0.0 86.2 -6.1 75.8 76.0 94	0.967 1.0 0.0			
100	93	95	0.95 1.0 0.0	91.8 -15.5 87.6 89.0 100		1.0 0.814 0.0 84.7 -4.0 77.4 77.5 93	0.95 1.0 0.0	1.0 0.892 0.0 87.3 -7.7 76.4 76.8 95	0.95 1.0 0.0			
100	94	96	0.933 1.0 0.0	92.0 -16.0 88.8 90.2 100		1.0 0.841 0.						

TUB registration: 20150701-RE75/RE75LOFA.TXT / .PSS
application for measurement of laser printer output, separate

TUB material: code=rh4ta
my0* (CMY0)

TUB-test chart RE75; 1080 standard colours, $cf=0,9$
48 step hue circles; $rgb-LabCh^*$ tables

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmy0^*_{dd}$

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 $RYGCBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours $RYGCBM_c$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}														
119	120	127	0.5	1.0	0.0	74.3	-37.9 65.9 76.1	120	0.5	1.0	0.0	0.377	1.0	0.0	69.5	-44.2 58.3 73.2	127	0.5	1.0	0.0							
120	121	128	0.483	1.0	0.0	73.6	-38.9 64.9 75.7	121	0.483	1.0	0.0	0.363	1.0	0.0	68.7	-45.3 57.2 73.0	128	0.483	1.0	0.0							
121	122	129	0.466	1.0	0.0	73.0	-39.8 63.9 75.3	122	0.467	1.0	0.0	0.35	1.0	0.0	68.0	-46.2 56.0 72.7	129	0.467	1.0	0.0							
122	123	130	0.45	1.0	0.0	72.3	-40.7 62.8 74.9	123	0.45	1.0	0.0	0.336	1.0	0.0	67.3	-47.2 54.9 72.5	130	0.45	1.0	0.0							
123	124	131	0.433	1.0	0.0	71.7	-41.5 61.8 74.5	124	0.433	1.0	0.0	0.323	1.0	0.0	66.5	-48.2 53.7 72.2	131	0.433	1.0	0.0							
124	125	133	0.416	1.0	0.0	71.0	-42.4 60.8 74.1	125	0.417	1.0	0.0	0.31	1.0	0.0	65.8	-49.1 52.5 72.0	133	0.417	1.0	0.0							
125	126	134	0.4	1.0	0.0	70.4	-43.2 59.7 73.7	126	0.4	1.0	0.0	0.296	1.0	0.0	65.1	-49.9 51.4 71.7	134	0.4	1.0	0.0							
126	127	135	0.383	1.0	0.0	69.7	-44.0 58.7 73.3	127	0.383	1.0	0.0	0.283	1.0	0.0	64.3	-50.8 50.2 71.5	135	0.383	1.0	0.0							
128	128	136	0.366	1.0	0.0	68.9	-45.0 57.4 73.0	128	0.367	1.0	0.0	0.27	1.0	0.0	63.6	-51.6 48.9 71.2	136	0.367	1.0	0.0							
129	129	137	0.35	1.0	0.0	68.0	-46.3 56.0 72.7	129	0.356	1.0	0.0	0.257	1.0	0.0	62.8	-52.4 47.7 71.0	137	0.35	1.0	0.0							
131	130	138	0.333	1.0	0.0	67.1	-47.5 54.6 72.4	131	0.345	1.0	0.0	0.242	1.0	0.0	62.2	-53.3 46.5 70.8	138	0.333	1.0	0.0							
132	131	140	0.316	1.0	0.0	66.1	-48.6 53.1 72.0	132	0.334	1.0	0.0	0.225	1.0	0.0	61.6	-54.2 45.4 70.8	140	0.317	1.0	0.0							
133	132	141	0.3	1.0	0.0	65.2	-49.8 51.6 71.7	133	0.322	1.0	0.0	0.207	1.0	0.0	61.0	-55.1 44.3 70.8	141	0.3	1.0	0.0							
135	133	142	0.283	1.0	0.0	64.3	-50.8 50.1 71.4	135	0.311	1.0	0.0	0.19	1.0	0.0	60.4	-56.0 43.2 70.8	142	0.283	1.0	0.0							
136	134	143	0.266	1.0	0.0	63.3	-51.9 48.6 71.1	136	0.299	1.0	0.0	0.173	1.0	0.0	59.9	-56.8 42.0 70.7	143	0.267	1.0	0.0							
138	135	144	0.25	1.0	0.0	62.4	-52.9 47.0 70.8	138	0.288	1.0	0.0	0.156	1.0	0.0	59.3	-57.6 40.8 70.7	144	0.25	1.0	0.0							
139	136	145	0.233	1.0	0.0	61.9	-53.8 46.0 70.8	139	0.277	1.0	0.0	0.139	1.0	0.0	58.7	-58.4 39.6 70.7	145	0.233	1.0	0.0							
140	137	147	0.216	1.0	0.0	61.3	-54.7 44.9 70.7	140	0.265	1.0	0.0	0.121	1.0	0.0	58.1	-59.3 38.5 70.8	147	0.217	1.0	0.0							
141	138	148	0.2	1.0	0.0	60.7	-55.5 43.8 70.7	141	0.254	1.0	0.0	0.097	1.0	0.0	57.5	-60.5 37.5 71.3	148	0.2	1.0	0.0							
142	139	149	0.183	1.0	0.0	60.2	-56.4 42.6 70.7	142	0.24	1.0	0.0	0.072	1.0	0.0	56.9	-61.7 36.5 71.8	149	0.183	1.0	0.0							
144	140	150	0.166	1.0	0.0	59.6	-57.2 41.5 70.7	144	0.226	1.0	0.0	0.048	1.0	0.0	56.3	-62.9 35.5 72.3	150	0.167	1.0	0.0							
145	141	151	0.15	1.0	0.0	59.0	-58.0 40.3 70.7	145	0.211	1.0	0.0	0.023	1.0	0.0	55.7	-64.1 34.5 72.9	151	0.15	1.0	0.0							
146	142	152	0.133	1.0	0.0	58.5	-58.8 39.2 70.6	146	0.197	1.0	0.0	0.0	1.0	0.001	55.1	-65.1 33.4 73.3	152	0.133	1.0	0.0							
147	143	154	0.116	1.0	0.0	58.0	-59.6 38.2 70.8	147	0.182	1.0	0.0	0.0	1.0	0.023	55.1	-64.9 31.6 72.3	154	0.117	1.0	0.0							
148	144	155	0.1	1.0	0.0	57.5	-60.4 37.6 71.2	148	0.167	1.0	0.0	0.0	1.0	0.045	55.0	-64.7 29.9 71.4	155	0.1	1.0	0.0							
148	145	156	0.083	1.0	0.0	57.1	-61.2 36.9 71.5	148	0.153	1.0	0.0	0.0	1.0	0.067	55.0	-64.4 28.2 70.4	156	0.083	1.0	0.0							
149	146	157	0.066	1.0	0.0	56.7	-62.0 36.3 71.9	149	0.138	1.0	0.0	0.0	1.0	0.089	54.9	-64.1 26.5 69.4	157	0.067	1.0	0.0							
150	147	158	0.049	1.0	0.0	56.3	-62.8 35.6 72.2	150	0.123	1.0	0.0	0.0	1.0	0.11	54.8	-63.7 24.8 68.5	158	0.05	1.0	0.0							
151	148	159	0.033	1.0	0.0	55.9	-63.6 34.9 72.6	151	0.102	1.0	0.0	0.0	1.0	0.132	54.8	-63.2 23.2 67.5	159	0.033	1.0	0.0							
152	149	161	0.016	1.0	0.0	55.5	-64.4 34.2 72.9	152	0.081	1.0	0.0	0.0	1.0	0.154	54.9	-62.7 21.5 66.4	161	0.017	1.0	0.0							
152	150	162	0.0	1.0	0.0	55.1	-65.2 33.4 73.3	152	G_d 0.06	1.0	0.0	56.6	-62.3 36.0 72.1	$150G_s$ 0.0	1.0	0.0	0.0	1.0	0.175	55.1	-62.1 19.9 65.3	$162G_c$ 0.0	1.0	0.0			
153	151	163	0.0	1.0	0.016	55.0	-65.1 32.1 72.6	153	0.039	1.0	0.0	56.1	-63.3 35.2 72.5	151	0.0	1.0	0.017	0.0	1.0	0.192	55.1	-61.6 18.7 64.5	163	0.0	1.0	0.017	
154	152	164	0.0	1.0	0.033	55.0	-64.9 30.8 71.8	154	0.018	1.0	0.0	55.6	-64.3 34.3 73.0	152	0.0	1.0	0.033	0.0	1.0	0.209	55.2	-61.1 17.5 63.6	164	0.0	1.0	0.033	
155	153	164	0.0	1.0	0.05	54.9	-64.7 29.4 71.1	155	0.0	1.0	0.003	55.1	-65.1 33.2 73.2	153	0.0	1.0	0.05	0.0	1.0	0.226	55.3	-60.5 16.3 62.8	164	0.0	1.0	0.05	
156	154	165	0.0	1.0	0.066	54.9	-64.5 28.1 70.3	156	0.0	1.0	0.022	55.1	-65.0 31.7 72.4	154	0.0	1.0	0.067	0.0	1.0	0.243	55.4	-60.0 15.1 61.9	165	0.0	1.0	0.067	
157	155	166	0.0	1.0	0.083	54.9	-64.2 26.9 69.6	157	0.0	1.0	0.041	55.0	-64.7 30.2 71.5	155	0.0	1.0	0.083	0.0	1.0	0.258	55.5	-59.5 14.0 61.2	166	0.0	1.0	0.083	
158	156	167	0.0	1.0	0.1	54.8	-63.9 25.6 68.9	158	0.0	1.0	0.059	55.0	-64.5 28.8 70.7	156	0.0	1.0	0.1	0.0	1.0	0.272	55.6	-59.0 12.9 60.5	167	0.0	1.0	0.1	
159	157	168	0.0	1.0	0.116	54.8	-63.6 24.3 68.1	159	0.0	1.0	0.078	54.9	-64.2 27.3 69.9	157	0.0	1.0	0.117	0.0	1.0	0.285	55.6	-58.6 11.8 59.8	168	0.0	1.0	0.117	
159	158	169	0.0	1.0	0.133	54.8	-63.3 23.1 67.3	159	0.0	1.0	0.097	54.9	-63.9 25.9 69.1	158	0.0	1.0	0.133	0.0	1.0	0.299	55.7	-58.1 10.8 59.2	169	0.0	1.0	0.133	
160	159	170	0.0	1.0	0.15	54.9	-62.8 21.8 66.5	160	0.0	1.0	0.116	54.8	-63.6 24.5 68.2	159	0.0	1.0	0.15	0.0	1.0	0.313	55.8	-57.6 9.7 58.5	170	0.0	1.0	0.15	
161	160	171	0.0	1.0	0.166	55.0	-62.4 20.5 65.7	161	0.0	1.0	0.134	54.9	-63.2 23.0 67.4	160	0.0	1.0	0.167	0.0	1.0	0.326	55.9	-57.1 8.7 57.8	171	0.0	1.0	0.167	
162	161	172	0.0	1.0	0.183	55.0	-61.9 19.3 64.9	162	0.0	1.0	0.153	54.9	-62.7 21.6 66.4	161	0.0	1.0	0.183	0.0	1.0	0.34	56.0	-56.5 7.7 57.1	172	0.0	1.0	0.183	
163	162	173	0.0	1.0	0.2	55.1	-61.4 18.1 64.0	163	0.0	1.0	0.171	55.0	-62.2 20.2 65.5	162	0.0	1.0	0.2	0.0	1.0	0.354	56.1	-56.0 6.7 56.5	173	0.0	1.0	0.2	
164	163	174	0.0	1.0	0.216	55.2	-60.9 16.9 63.2	164	0.0	1.0	0.19	55.1	-61.7 18.9 64.6	163	0.0	1.0	0.217	0.0	1.0	0.367	56.2	-55.4 5.7 55.8	174	0.0	1.0	0.217	
165	164	175	0.0	1.0	0.233	55.3	-60.3 15.7 62.4	165	0.0	1.0	0.208	55.2	-61.1 17.5 63.7	164	0.0	1.0	0.233	0.0	1.0	0.38	56.3	-54.9 4.8 55.2	175	0.0	1.0	0.233	
166	165	175	0.0	1.0	0.25	55.4	-59.8 14.6 61.5	166	0.0	1.0	0.227	55.3	-60.5 16.2 62.7	165	0.0	1.0	0.25	0.0	1.0	0.391	56.3	-54.5 3.9 54.7	175	0.0	1.0	0.25	

RE750-72 1-1031131-L0

LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nmw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmy6*, D65, page 12/33

TUB-test chart RE75; 1080 standard colours, $cf=0.9$
48 step hue circles; $rgb-LabCh$ *tables

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmy0^*_{dd}$

Data of Maximum color M in colorimetric system Offset standard print; separation cmyln6*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_c: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours RYGBM_d: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; 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}	$LAB^*_{dd361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
166	165	175	0.0	1.0	0.25	55.4	-59.8 14.6	61.5	166	0.0	1.0	0.25		
167	166	176	0.0	1.0	0.266	55.5	-59.2 13.2	60.7	167	0.0	1.0	0.267		
168	167	177	0.0	1.0	0.283	55.6	-58.7 11.9	59.9	168	0.0	1.0	0.283		
169	168	178	0.0	1.0	0.3	55.7	-58.1 10.6	59.1	169	0.0	1.0	0.3		
170	169	179	0.0	1.0	0.316	55.8	-57.5 9.4	58.2	170	0.0	1.0	0.317		
171	170	180	0.0	1.0	0.333	55.9	-56.8 8.1	57.4	171	0.0	1.0	0.333		
172	171	181	0.0	1.0	0.35	56.0	-56.2 6.9	56.6	172	0.0	1.0	0.35		
174	172	182	0.0	1.0	0.366	56.1	-55.5 5.7	55.8	174	0.0	1.0	0.367		
175	173	183	0.0	1.0	0.383	56.2	-54.8 4.5	55.0	175	0.0	1.0	0.383		
176	174	184	0.0	1.0	0.4	56.3	-54.2 3.2	54.3	176	0.0	1.0	0.4		
177	175	185	0.0	1.0	0.416	56.4	-53.6 1.9	53.7	177	0.0	1.0	0.417		
179	176	185	0.0	1.0	0.433	56.5	-53.0 0.6	53.0	179	0.0	1.0	0.433		
180	177	186	0.0	1.0	0.45	56.6	-52.3 -0.5	52.3	180	0.0	1.0	0.45		
181	178	187	0.0	1.0	0.466	56.7	-51.6 -1.7	51.6	181	0.0	1.0	0.467		
183	179	188	0.0	1.0	0.483	56.8	-50.9 -2.9	50.9	183	0.0	1.0	0.483		
184	180	189	0.0	1.0	0.5	56.9	-50.1 -4.0	50.3	184	0.0	1.0	0.5		
186	181	190	0.0	1.0	0.516	56.9	-49.5 -5.2	49.8	186	0.0	1.0	0.517		
187	182	191	0.0	1.0	0.533	57.0	-48.9 -6.4	49.3	187	0.0	1.0	0.533		
188	183	192	0.0	1.0	0.55	57.1	-48.3 -7.5	48.8	188	0.0	1.0	0.55		
190	184	193	0.0	1.0	0.566	57.2	-47.6 -8.6	48.4	190	0.0	1.0	0.567		
191	185	194	0.0	1.0	0.583	57.2	-46.9 -9.7	47.9	191	0.0	1.0	0.583		
193	186	195	0.0	1.0	0.6	57.3	-46.2 -10.7	47.4	193	0.0	1.0	0.6		
194	187	195	0.0	1.0	0.616	57.4	-45.5 -11.8	47.0	194	0.0	1.0	0.617		
195	188	196	0.0	1.0	0.633	57.4	-44.8 -12.8	46.6	195	0.0	1.0	0.633		
197	189	197	0.0	1.0	0.65	57.4	-44.4 -13.8	46.5	197	0.0	1.0	0.65		
198	190	198	0.0	1.0	0.666	57.5	-43.9 -14.7	46.3	198	0.0	1.0	0.667		
199	191	199	0.0	1.0	0.683	57.5	-43.3 -15.7	46.1	199	0.0	1.0	0.683		
201	192	200	0.0	1.0	0.7	57.5	-42.8 -16.6	45.9	201	0.0	1.0	0.7		
202	193	201	0.0	1.0	0.716	57.5	-42.2 -17.5	45.7	202	0.0	1.0	0.717		
203	194	202	0.0	1.0	0.733	57.5	-41.6 -18.4	45.5	203	0.0	1.0	0.733		
205	195	203	0.0	1.0	0.75	57.5	-41.0 -19.3	45.3	205	0.0	1.0	0.75		
206	196	204	0.0	1.0	0.766	57.3	-40.7 -20.5	45.6	206	0.0	1.0	0.767		
208	197	205	0.0	1.0	0.783	57.1	-40.3 -21.6	45.8	208	0.0	1.0	0.783		
209	198	206	0.0	1.0	0.8	56.9	-39.9 -22.8	46.0	209	0.0	1.0	0.8		
211	199	206	0.0	1.0	0.816	56.7	-39.5 -23.9	46.2	211	0.0	1.0	0.817		
212	200	207	0.0	1.0	0.833	56.5	-39.1 -25.0	46.4	212	0.0	1.0	0.833		
214	201	208	0.0	1.0	0.85	56.3	-38.6 -26.2	46.6	214	0.0	1.0	0.85		
215	202	209	0.0	1.0	0.866	56.1	-38.0 -27.3	46.8	215	0.0	1.0	0.867		
217	203	210	0.0	1.0	0.883	55.8	-37.6 -28.6	47.2	217	0.0	1.0	0.883		
219	204	211	0.0	1.0	0.9	55.4	-37.1 -30.1	47.8	219	0.0	1.0	0.9		
220	205	212	0.0	1.0	0.916	55.1	-36.6 -31.6	48.4	220	0.0	1.0	0.917		
222	206	213	0.0	1.0	0.933	54.7	-36.1 -33.2	49.0	222	0.0	1.0	0.933		
224	207	214	0.0	1.0	0.95	54.3	-35.5 -34.7	49.6	224	0.0	1.0	0.95		
226	208	215	0.0	1.0	0.966	54.0	-34.8 -36.2	50.2	226	0.0	1.0	0.967		
227	209	216	0.0	1.0	0.983	53.6	-34.1 -37.7	50.8	227	0.0	1.0	0.983		
229	210	216	0.0	1.0	1.0	53.2	-33.3 -39.2	51.4	229	0.0	1.0	1.0		

RE750-72

1-1031231-L0

LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nmw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmyln6*, D65, page 13/33

TUB-test chart RE75; 1080 standard colours, $cf=0.9$
48 step hue circles; $rgb-LabCh$ *tables

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmy0^*_{dd}$

1-1031231-F0

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Table 1. The hue angles of the device colours (x=LabCh) and the hue angles of the elementary colours (x=LabCh) (Page 250, 520, 802, 1270, 1717, 5200)										Table 2. The hue angles of the device colours (x=LabCh) and the hue angles of the elementary colours (x=LabCh) (Page 250, 520, 802, 1270, 1717, 5200)																																
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^* dd361Mi	LAB^* dd361Mi (x=LabCh)	rgb^* ds361Mi	LAB^* ds361Mi (x=LabCh)	rgb^* dd361Mi	LAB^* dd361Mi (x=LabCh)	rgb^* ds361Mi	LAB^* ds361Mi (x=LabCh)	rgb^* dd361Mi	LAB^* dd361Mi (x=LabCh)	rgb^* ds361Mi	LAB^* ds361Mi (x=LabCh)																												
229	210	216	0.0	1.0	1.0	53.2	-33.3	-39.2	51.4	229	C _d	0.0	1.0	0.803	56.9	-39.8	-22.9	46.1	210	C _s	0.0	1.0	1.0	0.0	1.0	0.881	55.9	-37.6	-28.3	47.2	216	C _e	0.0	1.0	1.0							
230	211	217	0.0	0.983	1.0	53.1	-33.0	-39.6	51.6	230		0.0	1.0	0.814	56.8	-39.5	-23.7	46.2	211		0.0	0.983	1.0	0.0	1.0	0.889	55.7	-37.4	-29.1	47.5	217		0.0	0.983	1.0							
230	212	218	0.0	0.966	1.0	53.1	-32.7	-40.0	51.7	230		0.0	1.0	0.826	56.6	-39.2	-24.5	46.4	212		0.0	0.967	1.0	0.0	1.0	0.898	55.5	-37.2	-29.9	47.8	218		0.0	0.967	1.0							
231	213	219	0.0	0.95	1.0	53.0	-32.4	-40.4	51.9	231		0.0	1.0	0.837	56.5	-38.9	-25.2	46.5	213		0.0	0.95	1.0	0.0	1.0	0.906	55.3	-36.9	-30.6	48.1	219		0.0	0.95	1.0							
231	214	220	0.0	0.933	1.0	52.9	-32.2	-40.8	52.0	231		0.0	1.0	0.848	56.4	-38.6	-26.0	46.6	214		0.0	0.933	1.0	0.0	1.0	0.915	55.2	-36.6	-31.4	48.4	220		0.0	0.933	1.0							
232	215	221	0.0	0.916	1.0	52.8	-31.9	-41.2	52.1	232		0.0	1.0	0.859	56.2	-38.2	-26.7	46.8	215		0.0	0.917	1.0	0.0	1.0	0.924	55.0	-36.4	-32.2	48.7	221		0.0	0.917	1.0							
232	216	222	0.0	0.9	1.0	52.7	-31.6	-41.6	52.3	232		0.0	1.0	0.871	56.1	-37.9	-27.5	46.9	216		0.0	0.9	1.0	0.0	1.0	0.932	54.8	-36.1	-33.0	49.0	222		0.0	0.9	1.0							
233	217	223	0.0	0.883	1.0	52.7	-31.3	-42.0	52.4	233		0.0	1.0	0.881	55.9	-37.6	-28.3	47.2	217		0.0	0.883	1.0	0.0	1.0	0.941	54.6	-35.8	-33.8	49.4	223		0.0	0.883	1.0							
233	218	224	0.0	0.866	1.0	52.6	-30.9	-42.5	52.6	233		0.0	1.0	0.89	55.7	-37.4	-29.2	47.5	218		0.0	0.867	1.0	0.0	1.0	0.949	54.4	-35.5	-34.6	49.7	224		0.0	0.867	1.0							
234	219	225	0.0	0.85	1.0	52.6	-30.4	-43.1	52.8	234		0.0	1.0	0.9	55.5	-37.1	-30.0	47.9	219		0.0	0.85	1.0	0.0	1.0	0.958	54.2	-35.1	-35.4	50.0	225		0.0	0.85	1.0							
235	220	226	0.0	0.833	1.0	52.6	-30.0	-43.7	53.0	235		0.0	1.0	0.909	55.3	-36.8	-30.9	48.2	220		0.0	0.833	1.0	0.0	1.0	0.966	54.0	-34.8	-36.1	50.3	226		0.0	0.833	1.0							
236	221	227	0.0	0.816	1.0	52.6	-29.5	-44.2																																		

TUB-test chart RE75; 1080 standard colours, $cf=0,9$
48 step hue circles; $rgb-LabCh^*$ tables

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmy0^*_{dd}$

Output: Offset standard print; separation cmyn6*, D65, page 14/30

TUB registration: 20150701-RE75/RE75L0FA.TXT /.PS TUB material
application for measurement of laser printer output, separation cmy0* (CMY0)

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 RYGBM _s : h _{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours RYGBM _d : h _{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours RYGBM _e : h _{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6																			
h _{ab,d}		h _{ab,s}	h _{ab,e}	rgb* dd361M	LAB* ddx361Mi (x=LabCh)	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	rgb* dd361Mi	LAB* de361Mi	dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* de361Mi	dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* de361Mi	dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* de361Mi	dex361Mi (x=LabCh)
274	255	258	0.0	0.25	1.0	36.0	3.7	-47.8 47.9	274	0.0	0.25	1.0	36.0	3.7	-47.8 47.9	274	0.0	0.25	1.0
276	256	258	0.0	0.233	1.0	35.8	5.1	-47.4 47.7	276	0.0	0.233	1.0	35.8	5.1	-47.4 47.7	276	0.0	0.233	1.0
278	257	259	0.0	0.216	1.0	35.6	6.6	-47.1 47.5	278	0.0	0.216	1.0	35.6	6.6	-47.1 47.5	278	0.0	0.216	1.0
279	258	260	0.0	0.2	1.0	35.4	8.0	-46.7 47.3	279	0.0	0.2	1.0	35.4	8.0	-46.7 47.3	279	0.0	0.2	1.0
281	259	261	0.0	0.183	1.0	35.2	9.4	-46.2 47.1	281	0.0	0.183	1.0	35.2	9.4	-46.2 47.1	281	0.0	0.183	1.0
283	260	262	0.0	0.166	1.0	35.0	10.8	-45.7 47.0	283	0.0	0.166	1.0	35.0	10.8	-45.7 47.0	283	0.0	0.166	1.0
285	261	263	0.0	0.15	1.0	34.8	12.1	-45.2 46.8	285	0.0	0.15	1.0	34.8	12.1	-45.2 46.8	285	0.0	0.15	1.0
286	262	264	0.0	0.133	1.0	34.6	13.5	-44.6 46.6	286	0.0	0.133	1.0	34.6	13.5	-44.6 46.6	286	0.0	0.133	1.0
288	263	265	0.0	0.116	1.0	34.3	14.7	-44.2 46.6	288	0.0	0.116	1.0	34.3	14.7	-44.2 46.6	288	0.0	0.116	1.0
289	264	266	0.0	0.1	1.0	34.0	16.0	-44.0 46.8	289	0.0	0.1	1.0	34.0	16.0	-44.0 46.8	289	0.0	0.1	1.0
291	265	267	0.0	0.083	1.0	33.7	17.2	-43.8 47.0	291	0.0	0.083	1.0	33.7	17.2	-43.8 47.0	291	0.0	0.083	1.0
292	266	268	0.0	0.066	1.0	33.3	18.4	-43.5 47.2	292	0.0	0.066	1.0	33.3	18.4	-43.5 47.2	292	0.0	0.066	1.0
294	267	269	0.0	0.049	1.0	33.0	19.7	-43.2 47.5	294	0.0	0.049	1.0	33.0	19.7	-43.2 47.5	294	0.0	0.049	1.0
296	268	269	0.0	0.033	1.0	32.7	20.9	-42.9 47.7	296	0.0	0.033	1.0	32.7	20.9	-42.9 47.7	296	0.0	0.033	1.0
297	269	270	0.0	0.016	1.0	32.4	22.1	-42.5 47.9	297	0.0	0.016	1.0	32.4	22.1	-42.5 47.9	297	0.0	0.016	1.0
299	270	271	0.0	0.0	1.0	32.1	23.3	-42.1 48.1	299	0.0	0.0	1.0	32.1	23.3	-42.1 48.1	299	0.0	0.0	1.0
300	271	272	0.016	0.0	1.0	32.0	24.4	-41.7 48.3	300	0.016	0.0	1.0	32.0	24.4	-41.7 48.3	300	0.016	0.0	1.0
301	272	273	0.033	0.0	1.0	31.9	25.4	-41.4 48.6	301	0.033	0.0	1.0	31.9	25.4	-41.4 48.6	301	0.033	0.0	1.0
302	273	274	0.05	0.0	1.0	31.8	26.5	-41.0 48.8	302	0.05	0.0	1.0	31.8	26.5	-41.0 48.8	302	0.05	0.0	1.0
304	274	275	0.066	0.0	1.0	31.7	27.5	-40.6 49.0	304	0.066	0.0	1.0	31.7	27.5	-40.6 49.0	304	0.066	0.0	1.0
305	275	276	0.083	0.0	1.0	31.6	28.5	-40.1 49.2	305	0.083	0.0	1.0	31.6	28.5	-40.1 49.2	305	0.083	0.0	1.0
306	276	277	0.1	0.0	1.0	31.5	29.5	-39.6 49.5	306	0.1	0.0	1.0	31.5	29.5	-39.6 49.5	306	0.1	0.0	1.0
308	277	278	0.116	0.0	1.0	31.4	30.6	-39.1 49.7	308	0.116	0.0	1.0	31.4	30.6	-39.1 49.7	308	0.116	0.0	1.0
309	278	279	0.133	0.0	1.0	31.3	31.6	-38.6 49.9	309	0.133	0.0	1.0	31.3	31.6	-38.6 49.9	309	0.133	0.0	1.0
310	279	280	0.15	0.0	1.0	31.2	32.6	-38.0 50.1	310	0.15	0.0	1.0	31.2	32.6	-38.0 50.1	310	0.15	0.0	1.0
311	280	281	0.166	0.0	1.0	31.2	33.7	-37.4 50.3	311	0.166	0.0	1.0	31.2	33.7	-37.4 50.3	311	0.166	0.0	1.0
313	281	282	0.183	0.0	1.0	31.1	34.7	-36.8 50.6	313	0.183	0.0	1.0	31.1	34.7	-36.8 50.6	313	0.183	0.0	1.0
314	282	283	0.2	0.0	1.0	31.1	35.7	-36.1 50.8	314	0.2	0.0	1.0	31.1	35.7	-36.1 50.8	314	0.2	0.0	1.0
315	283	284	0.216	0.0	1.0	31.0	36.7	-35.4 51.0	315	0.216	0.0	1.0	31.0	36.7	-35.4 51.0	315	0.216	0.0	1.0
317	284	285	0.233	0.0	1.0	30.9	37.6	-34.7 51.2	317	0.233	0.0	1.0	30.9	37.6	-34.7 51.2	317	0.233	0.0	1.0
318	285	286	0.25	0.0	1.0	30.9	38.6	-34.0 51.4	318	0.25	0.0	1.0	30.9	38.6	-34.0 51.4	318	0.25	0.0	1.0
319	286	287	0.266	0.0	1.0	31.2	39.5	-33.6 51.9	319	0.266	0.0	1.0	31.2	39.5	-33.6 51.9	319	0.266	0.0	1.0
320	287	287	0.283	0.0	1.0	31.5	40.4	-33.3 52.4	320	0.283	0.0	1.0	31.5	40.4	-33.3 52.4	320	0.283	0.0	1.0
321	288	288	0.3	0.0	1.0	31.9	41.3	-32.9 52.9	321	0.3	0.0	1.0	31.9	41.3	-32.9 52.9	321	0.3	0.0	1.0
322	289	289	0.316	0.0	1.0	32.2	42.2	-32.5 53.3	322	0.316	0.0	1.0	32.2	42.2	-32.5 53.3	322	0.316	0.0	1.0
323	290	290	0.333	0.0	1.0	32.6	43.2	-32.1 53.8	323	0.333	0.0	1.0	32.6	43.2	-32.1 53.8	323	0.333	0.0	1.0
324	291	291	0.35	0.0	1.0	32.9	44.1	-31.7 54.3	324	0.35	0.0	1.0	32.9	44.1	-31.7 54.3	324	0.35	0.0	1.0
325	292	292	0.366	0.0	1.0	33.2	45.0	-31.2 54.8	325	0.366	0.0	1.0	33.2	45.0	-31.2 54.8	325	0.366	0.0	1.0
326	293	293	0.383	0.0	1.0	33.6	45.7	-30.8 55.1	326	0.383	0.0	1.0	33.6	45.7	-30.8 55.1	326	0.383	0.0	1.0
326	294	294	0.4	0.0	1.0	33.9	46.3	-30.3 55.4	326	0.4	0.0	1.0	33.9	46.3	-30.3 55.4	326	0.4	0.0	1.0
327	295	295	0.416	0.0	1.0	34.2	46.9	-29.8 55.6	327	0.416	0.0	1.0	34.2	46.9	-29.8 55.6	327	0.416	0.0	1.0
328	296	296	0.433	0.0	1.0	34.5	47.5	-29.3 55.8	328	0.433	0.0	1.0	34.5	47.5	-29.3 55.8	328	0.433	0.0	1.0
329	297	297	0.45	0.0	1.0	34.8	48.1	-28.8 56.0	329	0.45	0.0	1.0	34.8	48.1	-28.8 56.0	329	0.45	0.0	1.0
329	298	298	0.466	0.0	1.0	35.2	48.6	-28.3 56.3	329	0.466	0.0	1.0	35.2	48.6	-28.3 56.3	329	0.466	0.0	1.0
330	299	299	0.483	0.0	1.0	35.5	49.2	-27.7 56.5	330	0.483	0.0	1.0	35.5	49.2	-27.7 56.5	330	0.483	0.0	1.0
331	300	300	0.5	0.0	1.0	35.8	49.8	-27.2 56.7	331	0.5	0.0	1.0	35.8	49.8	-27.2 56.7	331	0.5	0.0	1.0

RE750-72 1-1031431-L0

LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nmw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmy6*, D65, page 15/33

TUB-test chart RE75; 1080 standard colours, cf=0,9
48 step hue circles; rgb-LabCh*tables

input: rgb/cmyk -> rgb_{dd}
output: 3D-linearization to cmy0*_{dd}

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 $RYGCBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$ (x=LabCh)	$rgb^*_{dd361Mi}$
331	300	300	0.5 0.0 1.0	35.8 49.8 -27.2 56.7 331	0.013 0.0 1.0	32.1 24.2 -41.8 48.3 300	0.5 0.0 1.0	0.015 0.0 1.0	32.0 24.3 -41.7 48.4 300	0.5 0.0 1.0	
332	301	301	0.516 0.0 1.0	36.2 50.5 -26.6 57.0 332	0.026 0.0 1.0	32.0 25.0 -41.5 48.5 301	0.517 0.0 1.0	0.027 0.0 1.0	32.0 25.1 -41.5 48.5 301	0.517 0.0 1.0	
333	302	302	0.533 0.0 1.0	36.6 51.1 -26.0 57.4 333	0.039 0.0 1.0	31.9 25.8 -41.2 48.7 302	0.533 0.0 1.0	0.04 0.0 1.0	31.9 25.9 -41.2 48.7 302	0.533 0.0 1.0	
333	303	303	0.55 0.0 1.0	37.1 51.8 -25.4 57.7 333	0.052 0.0 1.0	31.8 26.6 -40.9 48.9 303	0.55 0.0 1.0	0.052 0.0 1.0	31.8 26.6 -40.9 48.9 303	0.55 0.0 1.0	
334	304	303	0.566 0.0 1.0	37.5 52.4 -24.7 58.0 334	0.065 0.0 1.0	31.7 27.4 -40.6 49.0 304	0.567 0.0 1.0	0.064 0.0 1.0	31.7 27.4 -40.6 49.0 303	0.567 0.0 1.0	
335	305	304	0.583 0.0 1.0	37.9 53.1 -24.1 58.3 335	0.078 0.0 1.0	31.7 28.2 -40.2 49.2 305	0.583 0.0 1.0	0.077 0.0 1.0	31.7 28.2 -40.2 49.2 304	0.583 0.0 1.0	
336	306	305	0.6 0.0 1.0	38.3 53.7 -23.4 58.6 336	0.091 0.0 1.0	31.6 29.0 -39.8 49.4 306	0.6 0.0 1.0	0.089 0.0 1.0	31.6 28.9 -39.9 49.4 305	0.6 0.0 1.0	
337	307	306	0.616 0.0 1.0	38.7 54.4 -22.8 59.0 337	0.104 0.0 1.0	31.5 29.8 -39.5 49.6 307	0.617 0.0 1.0	0.101 0.0 1.0	31.5 29.7 -39.5 49.5 306	0.617 0.0 1.0	
338	308	307	0.633 0.0 1.0	39.1 55.1 -22.2 59.4 338	0.117 0.0 1.0	31.4 30.6 -39.1 49.7 308	0.633 0.0 1.0	0.113 0.0 1.0	31.4 30.4 -39.2 49.7 307	0.633 0.0 1.0	
338	309	308	0.65 0.0 1.0	39.5 55.8 -21.7 59.9 338	0.129 0.0 1.0	31.4 31.4 -38.7 49.9 309	0.65 0.0 1.0	0.126 0.0 1.0	31.4 31.2 -38.8 49.8 308	0.65 0.0 1.0	
339	310	309	0.666 0.0 1.0	39.9 56.5 -21.2 60.4 339	0.142 0.0 1.0	31.3 32.2 -38.2 50.1 310	0.667 0.0 1.0	0.138 0.0 1.0	31.3 31.9 -38.4 50.0 309	0.667 0.0 1.0	
340	311	310	0.683 0.0 1.0	40.3 57.2 -20.7 60.9 340	0.154 0.0 1.0	31.3 32.9 -37.8 50.2 311	0.683 0.0 1.0	0.149 0.0 1.0	31.3 32.6 -38.0 50.2 310	0.683 0.0 1.0	
340	312	311	0.7 0.0 1.0	40.7 57.9 -20.2 61.3 340	0.167 0.0 1.0	31.2 33.7 -37.3 50.4 312	0.7 0.0 1.0	0.161 0.0 1.0	31.2 33.4 -37.6 50.3 311	0.7 0.0 1.0	
341	313	312	0.716 0.0 1.0	41.1 58.6 -19.7 61.8 341	0.179 0.0 1.0	31.2 34.5 -36.9 50.6 313	0.717 0.0 1.0	0.173 0.0 1.0	31.2 34.1 -37.1 50.5 312	0.717 0.0 1.0	
342	314	313	0.733 0.0 1.0	41.4 59.3 -19.2 62.3 342	0.192 0.0 1.0	31.1 35.2 -36.4 50.7 314	0.733 0.0 1.0	0.185 0.0 1.0	31.2 34.8 -36.7 50.6 313	0.733 0.0 1.0	
342	315	314	0.75 0.0 1.0	41.8 60.0 -18.6 62.8 342	0.204 0.0 1.0	31.1 36.0 -35.9 50.9 315	0.75 0.0 1.0	0.197 0.0 1.0	31.1 35.5 -36.2 50.8 314	0.75 0.0 1.0	
343	316	315	0.766 0.0 1.0	42.1 60.6 -18.1 63.3 343	0.217 0.0 1.0	31.0 36.7 -35.4 51.0 316	0.767 0.0 1.0	0.209 0.0 1.0	31.1 36.2 -35.7 50.9 315	0.767 0.0 1.0	
343	317	316	0.783 0.0 1.0	42.5 61.2 -17.6 63.7 343	0.229 0.0 1.0	31.0 37.5 -34.8 51.2 317	0.783 0.0 1.0	0.22 0.0 1.0	31.0 36.9 -35.2 51.1 316	0.783 0.0 1.0	
344	318	317	0.8 0.0 1.0	42.8 61.8 -17.1 64.2 344	0.242 0.0 1.0	31.0 38.2 -34.3 51.4 318	0.8 0.0 1.0	0.232 0.0 1.0	31.0 37.6 -34.7 51.3 317	0.8 0.0 1.0	
345	319	318	0.816 0.0 1.0	43.1 62.4 -16.6 64.6 345	0.256 0.0 1.0	31.0 39.0 -33.8 51.7 319	0.817 0.0 1.0	0.244 0.0 1.0	30.9 38.3 -34.2 51.4 318	0.817 0.0 1.0	
345	320	319	0.833 0.0 1.0	43.4 63.0 -16.1 65.1 345	0.274 0.0 1.0	31.4 40.0 -33.4 52.2 320	0.833 0.0 1.0	0.258 0.0 1.0	31.1 39.1 -33.7 51.7 319	0.833 0.0 1.0	
346	321	320	0.85 0.0 1.0	43.7 63.6 -15.6 65.5 346	0.292 0.0 1.0	31.8 40.9 -33.1 52.7 321	0.85 0.0 1.0	0.275 0.0 1.0	31.4 40.0 -33.4 52.2 320	0.85 0.0 1.0	
346	322	321	0.866 0.0 1.0	44.0 64.2 -15.1 66.0 346	0.31 0.0 1.0	32.1 41.9 -32.6 53.2 322	0.867 0.0 1.0	0.292 0.0 1.0	31.8 41.0 -33.0 52.7 321	0.867 0.0 1.0	
347	323	321	0.883 0.0 1.0	44.4 64.9 -14.4 66.5 347	0.328 0.0 1.0	32.5 42.9 -32.2 53.7 323	0.883 0.0 1.0	0.309 0.0 1.0	32.1 41.9 -32.7 53.2 321	0.883 0.0 1.0	
348	324	322	0.9 0.0 1.0	44.9 65.6 -13.8 67.1 348	0.345 0.0 1.0	32.9 43.9 -31.8 54.2 324	0.9 0.0 1.0	0.326 0.0 1.0	32.5 42.8 -32.3 53.7 322	0.9 0.0 1.0	
348	325	323	0.916 0.0 1.0	45.3 66.4 -13.1 67.7 348	0.363 0.0 1.0	33.2 44.8 -31.3 54.7 325	0.917 0.0 1.0	0.343 0.0 1.0	32.8 43.7 -31.8 54.2 323	0.917 0.0 1.0	
349	326	324	0.933 0.0 1.0	45.8 67.1 -12.4 68.2 349	0.383 0.0 1.0	33.6 45.7 -30.8 55.2 326	0.933 0.0 1.0	0.36 0.0 1.0	33.2 44.7 -31.4 54.6 324	0.933 0.0 1.0	
350	327	325	0.95 0.0 1.0	46.2 67.8 -11.6 68.8 350	0.405 0.0 1.0	34.0 46.5 -30.1 55.5 327	0.95 0.0 1.0	0.377 0.0 1.0	33.5 45.6 -30.9 55.1 325	0.95 0.0 1.0	
350	328	326	0.966 0.0 1.0	46.7 68.5 -10.9 69.4 350	0.426 0.0 1.0	34.4 47.3 -29.5 55.8 328	0.967 0.0 1.0	0.398 0.0 1.0	33.9 46.3 -30.3 55.4 326	0.967 0.0 1.0	
351	329	327	0.983 0.0 1.0	47.2 69.2 -10.1 70.0 351	0.448 0.0 1.0	34.9 48.1 -28.8 56.1 329	0.983 0.0 1.0	0.419 0.0 1.0	34.3 47.0 -29.7 55.7 327	0.983 0.0 1.0	
352	330	328	1.0 0.0 1.0	47.6 69.9 -9.4 70.6 352	M_d 0.47 0.0 1.0	35.3 48.8 -28.1 56.4 330	M_s 1.0 0.0 1.0	0.44 0.0 1.0	34.7 47.8 -29.0 56.0 328	M_e 1.0 0.0 1.0	
352	331	329	1.0 0.0 0.983 47.5 69.9 -9.1 70.5 352	0.492 0.0 1.0	35.7 49.6 -27.4 56.7 331	1.0 0.0 0.983	0.461 0.0 1.0	35.1 48.5 -28.4 56.2 329	1.0 0.0 0.983		
352	332	330	1.0 0.0 0.966 47.4 69.9 -8.9 70.5 352	0.513 0.0 1.0	36.2 50.3 -26.7 57.0 332	1.0 0.0 0.967	0.481 0.0 1.0	35.5 49.2 -27.7 56.5 330	1.0 0.0 0.967		
352	333	331	1.0 0.0 0.95 47.3 69.9 -8.6 70.4 352	0.533 0.0 1.0	36.7 51.1 -26.0 57.4 333	1.0 0.0 0.95	0.502 0.0 1.0	35.9 49.9 -27.1 56.8 331	1.0 0.0 0.95		
353	334	332	1.0 0.0 0.933 47.2 69.8 -8.4 70.3 353	0.552 0.0 1.0	37.2 51.9 -25.2 57.8 334	1.0 0.0 0.933	0.521 0.0 1.0	36.4 50.7 -26.4 57.2 332	1.0 0.0 0.933		
353	335	333	1.0 0.0 0.916 47.1 69.8 -8.2 70.3 353	0.572 0.0 1.0	37.7 52.7 -24.5 58.2 335	1.0 0.0 0.917	0.539 0.0 1.0	36.8 51.4 -25.7 57.5 333	1.0 0.0 0.917		
353	336	334	1.0 0.0 0.9 47.1 69.8 -7.9 70.2 353	0.592 0.0 1.0	38.2 53.5 -23.7 58.5 336	1.0 0.0 0.9	0.558 0.0 1.0	37.3 52.2 -25.0 57.9 334	1.0 0.0 0.9		
353	337	335	1.0 0.0 0.883 47.0 69.7 -7.7 70.2 353	0.612 0.0 1.0	38.7 54.2 -22.9 58.9 337	1.0 0.0 0.883	0.577 0.0 1.0	37.8 52.9 -24.3 58.3 335	1.0 0.0 0.883		
354	338	336	1.0 0.0 0.866 46.9 69.6 -7.1 69.9 354	0.633 0.0 1.0	39.2 55.1 -22.2 59.4 338	1.0 0.0 0.867	0.596 0.0 1.0	38.3 53.6 -23.6 58.6 336	1.0 0.0 0.867		
354	339	337	1.0 0.0 0.85 46.8 69.2 -6.2 69.5 354	0.658 0.0 1.0	39.8 56.1 -21.5 60.1 339	1.0 0.0 0.85	0.614 0.0 1.0	38.7 54.3 -22.8 59.0 337	1.0 0.0 0.85		
355	340	338	1.0 0.0 0.833 46.7 68.8 -5.3 69.0 355	0.682 0.0 1.0	40.3 57.2 -20.7 60.9 340	1.0 0.0 0.833	0.635 0.0 1.0	39.2 55.2 -22.1 59.5 338	1.0 0.0 0.833		
356	341	339	1.0 0.0 0.816 46.6 68.5 -4.4 68.6 356	0.707 0.0 1.0	40.9 58.2 -20.0 61.6 341	1.0 0.0 0.817	0.658 0.0 1.0	39.8 56.2 -21.4 60.2 339	1.0 0.0 0.817		
356	342	339	1.0 0.0 0.8 46.5 68.1 -3.6 68.2 356	0.732 0.0 1.0	41.5 59.3 -19.2 62.3 342	1.0 0.0 0.8	0.682 0.0 1.0	40.3 57.2 -20.7 60.9 339	1.0 0.0 0.8		
357	343	340	1.0 0.0 0.783 46.4 67.7 -2.7 67.7 357	0.758 0.0 1.0	42.0 60.3 -18.3 63.1 343	1.0 0.0 0.783	0.705 0.0 1.0	40.9 58.2 -20.0 61.6 340	1.0 0.0 0.783		
358	344	341	1.0 0.0 0.766 46.4 67.3 -1.8 67.3 358	0.787 0.0 1.0	42.6 61.4 -17.5 63.9 344	1.0 0.0 0.767	0.729 0.0 1.0	41.4 59.2 -19.3 62.2 341	1.0 0.0 0.767		
359	345	342	1.0 0.0 0.75 46.3 66.8 -1.0 66.8 359	0.815 0.0 1.0	43.1 62.4 -16.6 64.6 345	1.0 0.0 0.75	0.753 0.0 1.0	41.9 60.1 -18.5 62.9 342	1.0 0.0 0.75		

RE750-72

1-1031531-L0

LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nmw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted

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

TUB-test chart RE75; 1080 standard colours, $cf=0.9$
48 step hue circles; $rgb-LabCh$ *tables

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmy0^*_{dd}$

1-1031531-F0

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 $RYGBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours $RYGBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours $RYGBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Lab angles of the three colours (RGB) (x=LabCh)										Lab angles of the elementary colour (LAB*) (x=LabCh)										Lab angles of the elementary colour (RGB*) (x=LabCh)										Lab angles of the elementary colour (LAB*) (x=LabCh)										Lab angles of the elementary colour (RGB*) (x=LabCh)									
Lab _d	hab _s	hab _e	rgb* _d dd361Mi		LAB* _d dsx361Mi (x=LabCh)		rgb* _d ds361Mi		LAB* _d dsx361Mi (x=LabCh)		rgb* _d dd361Mi		rgb* _d de361Mi		LAB* _d dex361Mi (x=LabCh)		rgb* _d dd361Mi		rgb* _d ds361Mi		rgb* _d de361Mi																												
359	345	342	1.0	0.0	0.75	46.3	66.8	-1.0	66.8	359	0.815	0.0	1.0	43.1	62.4	-16.6	64.6	345	1.0	0.0	0.75	46.3	66.8	-1.0	66.8	359	0.753	0.0	1.0	41.9	60.1	-18.5	62.9	342	1.0	0.0	0.75	46.3	66.8	-1.0	66.8	359							
360	346	343	1.0	0.0	0.733	46.2	66.6	0.0	66.6	360	0.844	0.0	1.0	43.7	63.5	-15.7	65.4	346	1.0	0.0	0.733	46.2	66.6	0.0	66.6	360	0.78	0.0	1.0	42.4	61.1	-17.7	63.7	343	1.0	0.0	0.733	46.2	66.6	0.0	66.6	360							
360	347	344	1.0	0.0	0.716	46.2	66.3	1.0	66.3	360	0.873	0.0	1.0	44.2	64.5	-14.8	66.2	347	1.0	0.0	0.717	46.2	66.3	1.0	66.3	360	0.807	0.0	1.0	43.0	62.1	-16.9	64.4	344	1.0	0.0	0.717	46.2	66.3	1.0	66.3	360							
361	348	345	1.0	0.0	0.7	46.2	65.9	2.1	66.0	361	0.897	0.0	1.0	44.8	65.6	-13.8	67.0	348	1.0	0.0	0.7	46.2	65.9	2.1	66.0	361	0.835	0.0	1.0	43.5	63.1	-16.0	65.2	345	1.0	0.0	0.7	46.2	65.9	2.1	66.0	361							
362	349	346	1.0	0.0	0.683	46.2	65.6	3.1	65.7	362	0.921	0.0	1.0	45.5	66.6	-12.8	67.8	349	1.0	0.0	0.683	46.2	65.6	3.1	65.7	362	0.862	0.0	1.0	44.0	64.1	-15.2	65.9	346	1.0	0.0	0.683	46.2	65.6	3.1	65.7	362							
363	350	347	1.0	0.0	0.666	46.1	65.3	4.2	65.4	363	0.945	0.0	1.0	46.1	67.6	-11.8	68.7	350	1.0	0.0	0.667	46.1	65.3	4.2	65.4	363	0.887	0.0	1.0	44.6	65.1	-14.3	66.7	347	1.0	0.0	0.667	46.1	65.3	4.2	65.4	363							
364	351	348	1.0	0.0	0.65	46.1	64.9	5.2	65.1	364	0.968	0.0	1.0	46.8	68.7	-10.8	69.5	351	1.0	0.0	0.65	46.1	64.9	5.2	65.1	364	0.909	0.0	1.0	45.2	66.1	-13.3	67.4	348	1.0	0.0	0.65	46.1	64.9	5.2	65.1	364							
365	352	349	1.0	0.0	0.633	46.1	64.5	6.2	64.8	365	0.992	0.0	1.0	47.4	69.7	-9.7	70.3	352	1.0	0.0	0.633	46.1	64.5	6.2	64.8	365	0.932	0.0	1.0	45.8	67.1	-12.4	68.2	349	1.0	0.0	0.633	46.1	64.5	6.2	64.8	365							
366	353	350	1.0	0.0	0.616	46.1	64.2	7.2	64.6	366	1.0	0.0	0.942	47.3	69.9	-8.5	70.4	353	1.0	0.0	0.617	46.1	64.2	7.2	64.6	366	0.954	0.0	1.0	46.4	68.1	-11.4	69.0	350	1.0	0.0	0.617	46.1	64.2	7.2	64.6	366							
367	354	351	1.0	0.0	0.6	46.1	63.8	8.3	64.3	367	1.0	0.0	0.87	46.9	69.7	-7.2	70.0	354	1.0	0.0	0.6	46.1	63.8	8.3	64.3	367	0.977	0.0	1.0	47.0	69.0	-10.4	69.8	351	1.0	0.0	0.6	46.1	63.8	8.3	6								

TUB registration: 20150701-RE75/RE75I0FA.TXT /.PS
application for measurement of laser printer output, sepa

TUB material: code=rh4ta
my0* (CMY0)

see similar files: <http://130.149.60.45/~farbmeterik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>



TUB material: code=rha4ta
my0* (CMY0)

input: *rgb/cmyk* $\rightarrow$ *rgb_{dd}*
output: 3D-linearization to *cmy0**_{dd}

-see similar files: <http://130.149.60.45/~farbmatrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

[illegible]

see similar files: <http://130.149.60.45/~farbmatrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

http://130.149.60.45/~farbmatrik/RE75/RE75L0FA.TXT /PS; 3D-linearization
F: 3D-linearization RE75/RE75LE30FA.DAT in file (F), page 23/33

TUB-test chart RE75; 1080 standard colours, $cf=0.9$

```
input: rgb/cmyk -> rgbdd
```

[illegible]

TUB material: code=rha4ta
cmv0* (CMY0)

see similar files: <http://130.149.60.45/~farbmatrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

input: *rgb/cmyk* $\rightarrow$ *rgbd*
output: 3D-linearization to

TUB-test chart RE75; 1080 standard colours, $c^*/=0,9$ colors and differences, ΔE^*

RE750-7N, Page 24/33-F

1-1032331-F0

[illegible]



TUB material: code=rha4ta
my0* (CMY0)

input: *rgb/cmyk* $\rightarrow$ *rgb_{dd}*
output: 3D-linearization to *cmy0*_{dd}*

[illegible]

TUB registration: 20150701-RE75/RE75L0FA.TXT /.PS
application for measurement of laser printer output, separation cmy0* (CMY0)

TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmetrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

<http://130.149.60.45/~farbmetrik/RE75/RE75L0FA.TXT> /.PS; 3D-linearization
F: 3D-linearization RE75/RE75LE30FA.DAT in file (F), page 33/33

input: *rgb/cmyk* -> *rgbdd*
output: 3D-linearization to *cmy0*dd*

n	HfC*Fidd	rgb_Fidd	lct_Fidd	hsa_Fidd	LabCH*Fidd	rgb*Fidd	LabCH*Fidd	DE*Fidd hAN,dd	rgb*Fidd	LabCH*Fidd	DE*Fidd hAN,dd
1053	NW_086dd	0.866	0.866	0.866	86.7	0.0	0.0	0.0	0.0	0.0	0.0
1054	NW_093dd	0.933	0.933	0.933	91.5	0.0	0.0	0.0	0.0	0.0	0.0
1055	NW_100dd	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	0.0
1056	NW_100dd	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0
1057	NW_006dd	0.066	0.066	0.066	29.3	0.0	0.0	0.0	0.0	0.0	0.0
1058	NW_013dd	0.133	0.133	0.133	34.1	0.0	0.0	0.0	0.0	0.0	0.0
1059	NW_020dd	0.2	0.2	0.2	38.9	0.0	0.0	0.0	0.0	0.0	0.0
1060	NW_026dd	0.266	0.266	0.266	43.6	0.0	0.0	0.0	0.0	0.0	0.0
1061	NW_033dd	0.333	0.333	0.333	48.4	0.0	0.0	0.0	0.0	0.0	0.0
1062	NW_040dd	0.4	0.4	0.4	53.2	0.0	0.0	0.0	0.0	0.0	0.0
1063	NW_046dd	0.466	0.466	0.466	58.0	0.0	0.0	0.0	0.0	0.0	0.0
1064	NW_053dd	0.533	0.533	0.533	62.8	0.0	0.0	0.0	0.0	0.0	0.0
1065	NW_060dd	0.6	0.6	0.6	67.6	0.0	0.0	0.0	0.0	0.0	0.0
1066	NW_066dd	0.666	0.666	0.666	72.3	0.0	0.0	0.0	0.0	0.0	0.0
1067	NW_073dd	0.734	0.734	0.734	77.2	0.0	0.0	0.0	0.0	0.0	0.0
1068	NW_080dd	0.8	0.8	0.8	81.9	0.0	0.0	0.0	0.0	0.0	0.0
1069	NW_086dd	0.866	0.866	0.866	86.7	0.0	0.0	0.0	0.0	0.0	0.0
1070	NW_093dd	0.933	0.933	0.933	91.5	0.0	0.0	0.0	0.0	0.0	0.0
1071	NW_100dd	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	0.0
1072	NW_100dd	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0
1073	ROY_100_100dd	1.0	1.0	1.0	47.0	53.2	36.1	0.0	0.0	0.0	0.0
1074	ROY_100_100dd	0.0	0.0	0.0	53.2	-29.9	-35.3	0.0	0.0	0.0	0.0
1075	G50B_100_100dd	1.0	1.0	1.0	91.1	-12.8	-12.8	0.0	0.0	0.0	0.0
1076	Y06B_100_100dd	1.0	1.0	1.0	21.1	75.8	75.8	0.0	0.0	0.0	0.0
1077	B06B_100_100dd	1.0	1.0	1.0	53.1	-48.7	-48.7	0.0	0.0	0.0	0.0
1078	B06B_100_100dd	0.0	0.0	0.0	53.1	48.7	48.7	0.0	0.0	0.0	0.0
1079	B50B_100_100dd	1.0	1.0	1.0	47.6	62.9	62.9	0.0	0.0	0.0	0.0

Mean color difference of this page: delta

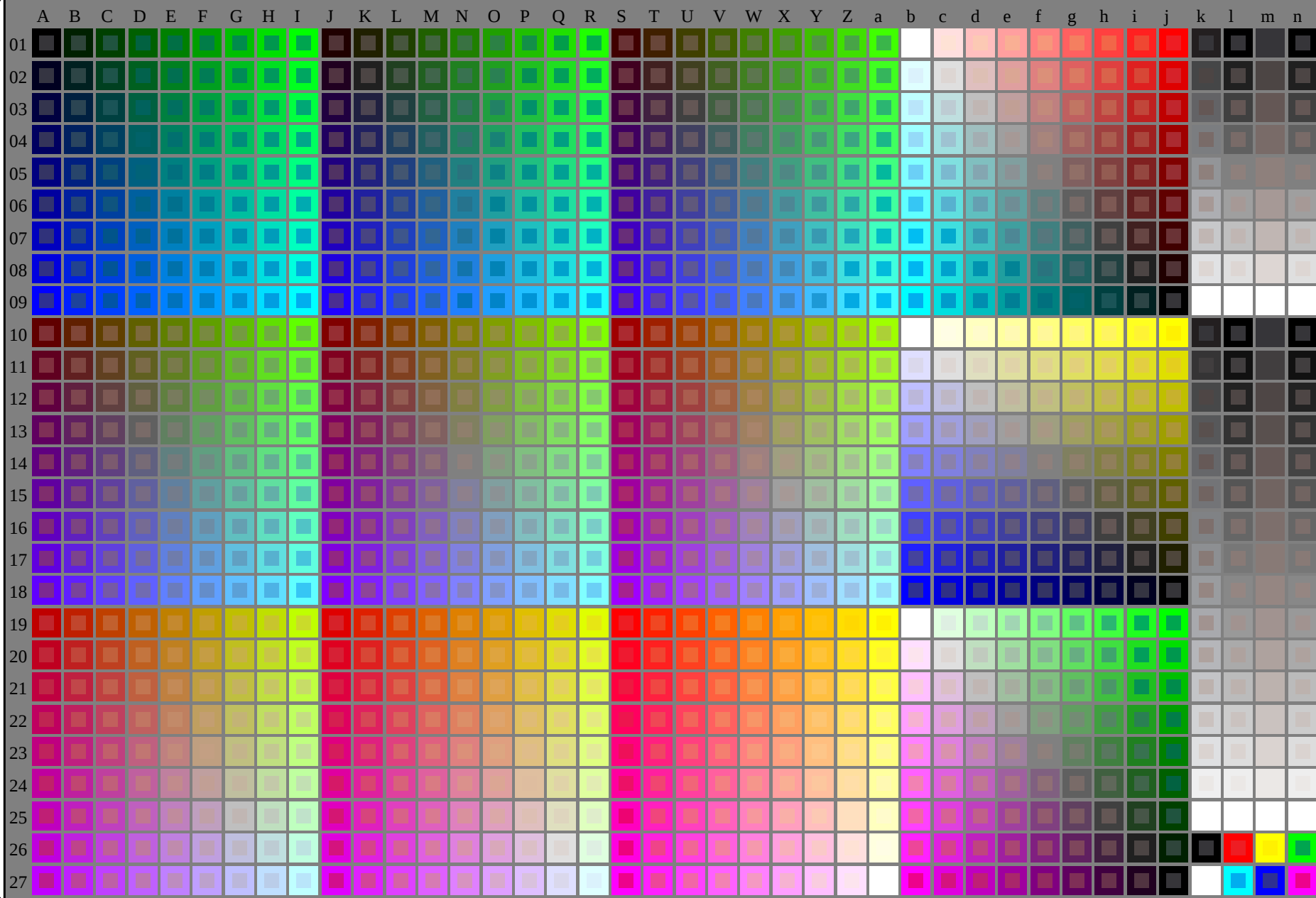
RE750-7N, Page 33/33-F

TUB-test chart RE75; 1080 standard colours, *cf*=0.9
colors and differences, ΔE^*

see similar files: <http://130.149.60.45/~farbmetrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE75/RE75L0FA.TXT /.PS
application for measurement of laser printer output

TUB material: code=rha4ta



RE750-7N_RGB 1-113031-L0

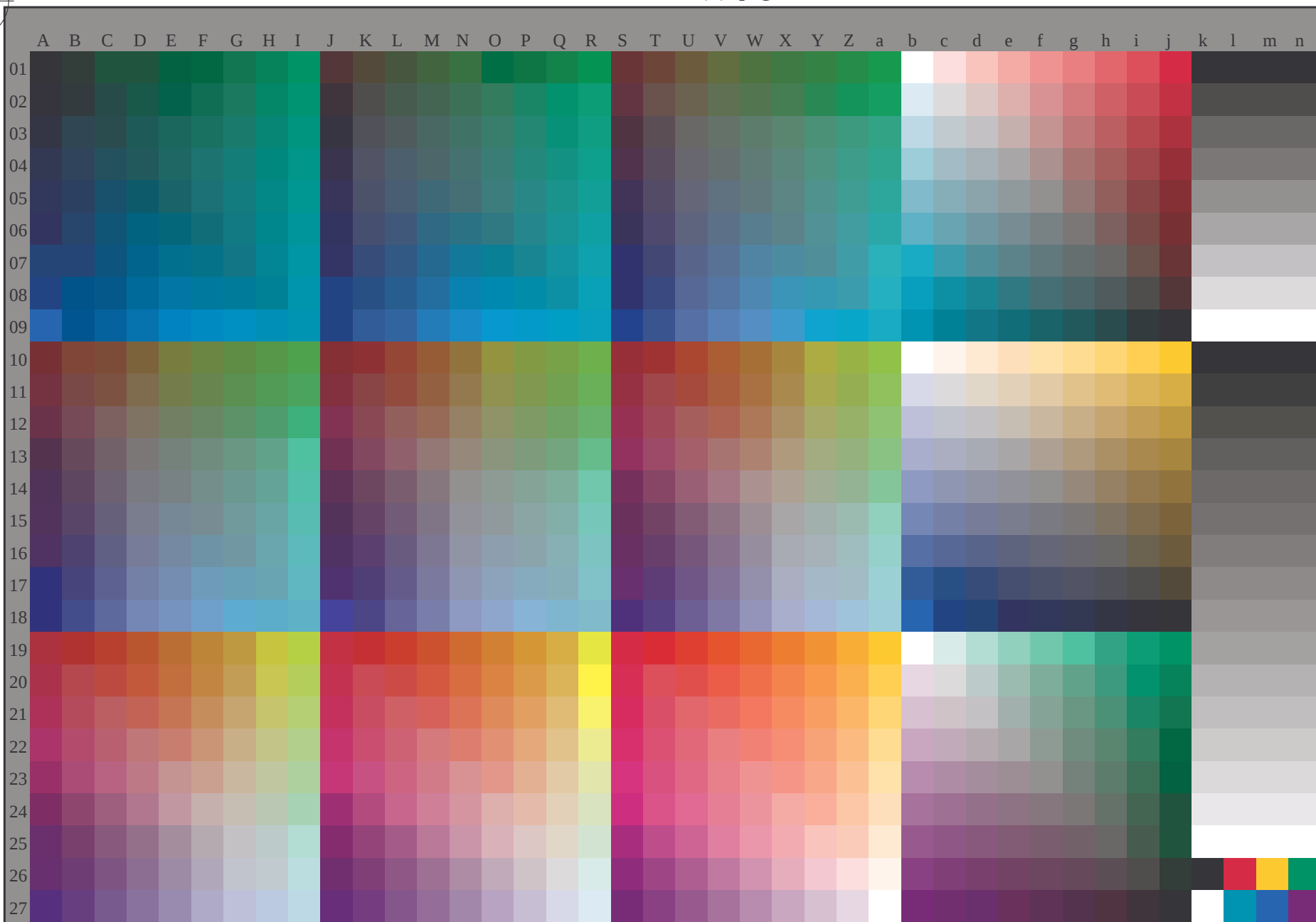
TUB-test chart RE75; 1080 standard colours, $cf=0,9$
Test chart according to DIN 33872

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

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

see similar files: <http://130.149.60.45/~farbmetrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE75/RE75L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation $cmY0^*$ (CMY0)



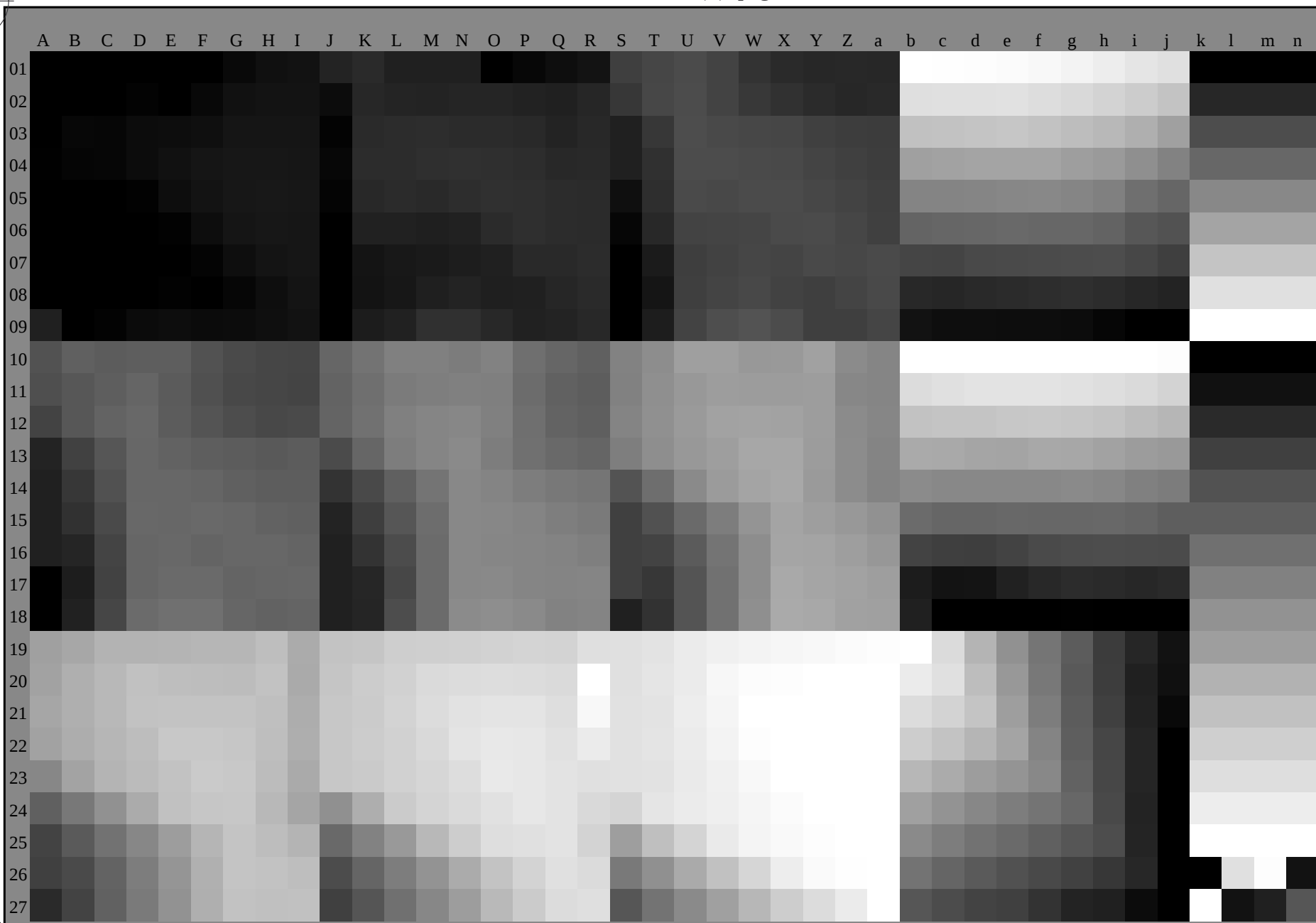
RE750-73 1-113131-L0

TUB-test chart RE75; 1080 standard colours, $cf=0,9$
Test chart according to DIN 33872, $3D=1$, $de=1$, $cmY0^*$

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmY0^*_{de}$

see similar files: <http://130.149.60.45/~farbmetrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE75/RE75L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation $cmY0^*$ (CMY0)



RE750-73

1-113231-L0

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

TUB-test chart RE75; 1080 standard colours, $cf=0,9$
Test chart according to DIN 33872

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmY0^*_{de}$

1-113231-F0

C

M

Y

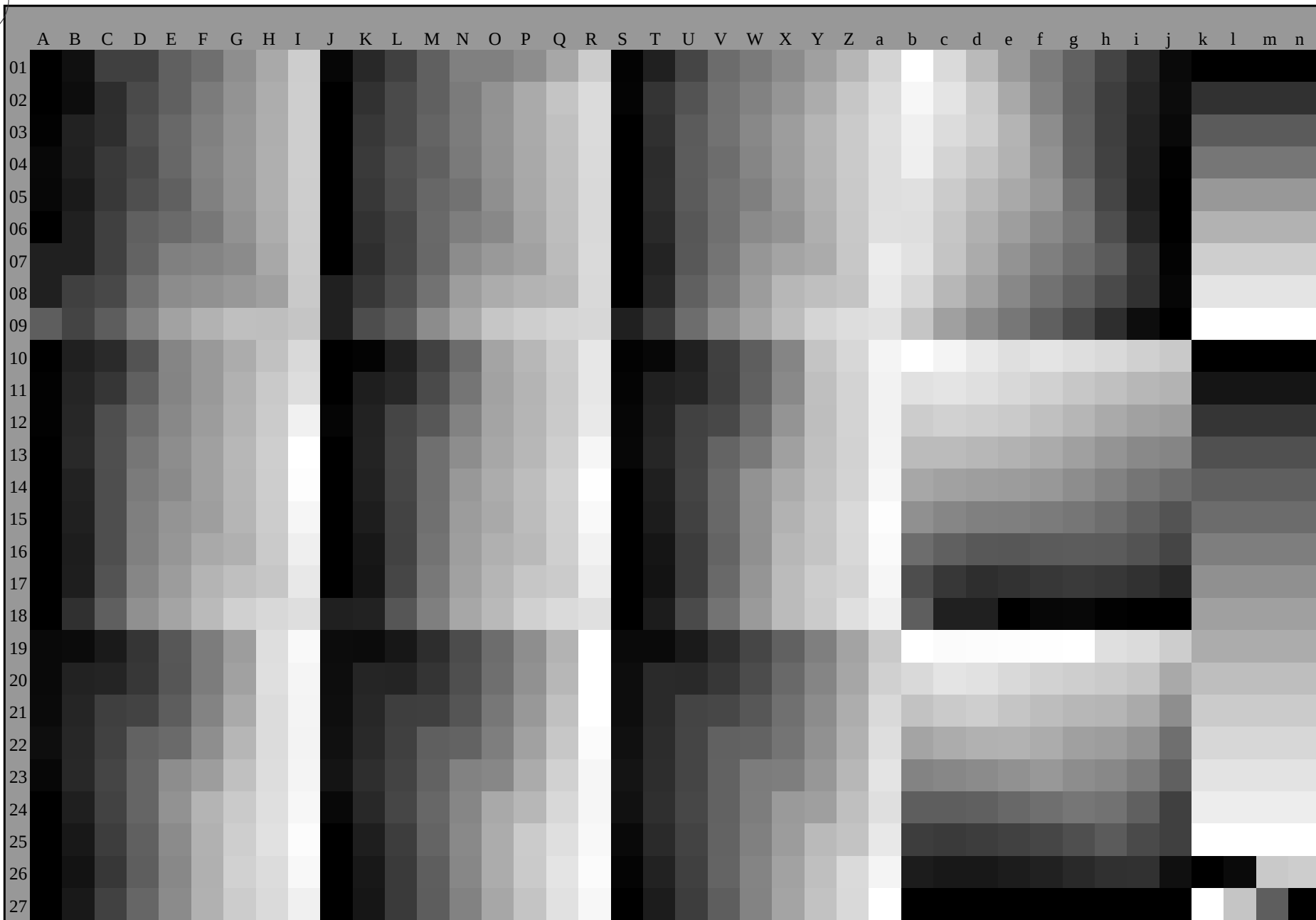
O

L

V

see similar files: <http://130.149.60.45/~farbmetrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE75/RE75L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation $cmY0^*$ (CMY0)



RE750-73

1-113331-L0

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

TUB-test chart RE75; 1080 standard colours, $cf=0,9$
Test chart according to DIN 33872

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmy0^*_{de}$

1-113331-F0

C

M

Y

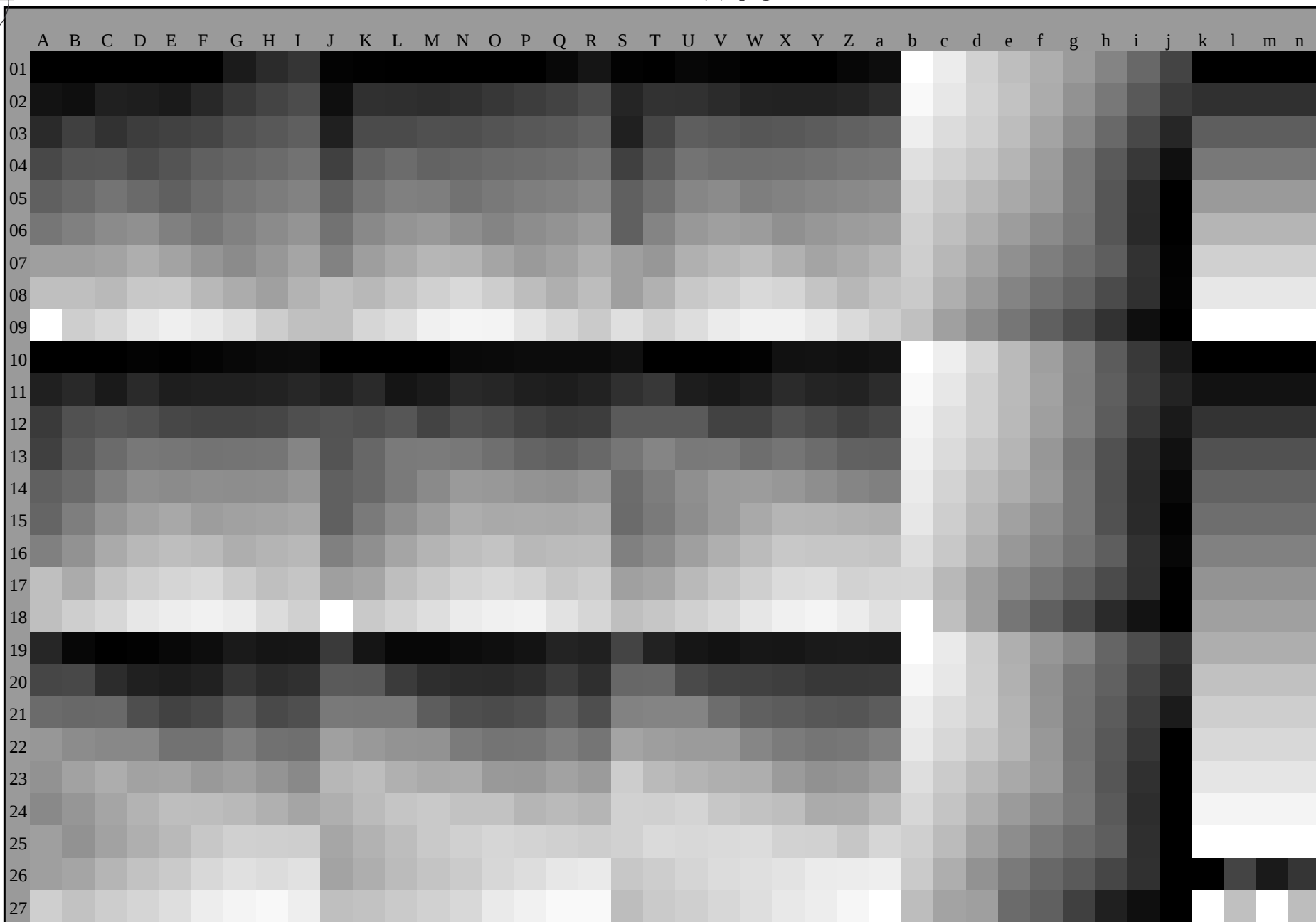
O

L

V

see similar files: <http://130.149.60.45/~farbmetrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE75/RE75L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation $cmY0^*$ (CMY0)



TUB-test chart RE75; 1080 standard colours, $cf=0,9$
Test chart according to DIN 33872

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmY0^*_{de}$

Data of Maximum color M in colorimetric system Offset standard print; separation cmy6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; 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

$LCH^*_d = 91.1 \ 85.4 \ 99.5$
 $LAB^*_d = 91.1 \ -14.2 \ 84.3$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$ leaf-green

$LCH^*_d = 55.1 \ 73.3 \ 152.8$
 $LAB^*_d = 55.1 \ -65.2 \ 33.4$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$ cyan-blue

$LCH^*_d = 53.2 \ 51.4 \ 229.6$
 $LAB^*_d = 53.2 \ -33.3 \ -39.2$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$

$O=R_d$ orange-red

$LCH^*_d = 47.0 \ 71.5 \ 34.1$
 $LAB^*_d = 47.0 \ 59.1 \ 40.1$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

$M=M_d$ magenta-red

$LCH^*_d = 47.6 \ 70.6 \ 352.3$
 $LAB^*_d = 47.6 \ 69.9 \ -9.4$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$ violet-blue

$LCH^*_d = 32.1 \ 48.1 \ 299.0$
 $LAB^*_d = 32.1 \ 23.3 \ -42.1$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e yellow

$LCH^*_e = 84.0 \ 78.1 \ 92.3$
 $LAB^*_e = 84.0 \ -3.1 \ 78.1$
 $rgb^*_{de} = 1.0 \ 0.794 \ 0.0$

G_e green

$LCH^*_e = 55.0 \ 65.3 \ 162.2$
 $LAB^*_e = 55.0 \ -62.1 \ 19.9$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.175$

C_e blue-green

$LCH^*_e = 55.9 \ 47.1 \ 216.9$
 $LAB^*_e = 55.9 \ -37.6 \ -28.3$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.88$

B_e blue

$LCH^*_e = 37.3 \ 48.1 \ 271.7$
 $LAB^*_e = 37.3 \ 1.4 \ -48.1$
 $rgb^*_{de} = 0.0 \ 0.28 \ 1.0$

R_e red

$LCH^*_e = 46.2 \ 65.4 \ 25.4$
 $LAB^*_e = 46.2 \ 59.0 \ 28.1$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.273$

M_e blue-red

$LCH^*_e = 34.6 \ 55.9 \ 328.6$
 $LAB^*_e = 34.6 \ 47.7 \ -29.1$
 $rgb^*_{de} = 0.439 \ 0.0 \ 1.0$

Y_s yellow

$LCH^*_s = 82.0 \ 79.6 \ 90.0$
 $LAB^*_s = 82.0 \ 0.0 \ 79.6$
 $rgb^*_{ds} = 1.0 \ 0.739 \ 0.0$

G_s green

$LCH^*_s = 56.5 \ 72.0 \ 150.0$
 $LAB^*_s = 56.5 \ -62.4 \ 36.0$
 $rgb^*_{ds} = 0.059 \ 1.0 \ 0.0$

R_s red

$LCH^*_s = 46.6 \ 67.9 \ 30.0$
 $LAB^*_s = 46.6 \ 58.8 \ 33.9$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.164$

C_s blue-green

$LCH^*_s = 56.9 \ 46.0 \ 210.0$
 $LAB^*_s = 56.9 \ -39.8 \ -23.0$
 $rgb^*_{ds} = 0.0 \ 1.0 \ 0.803$

M_s blue-red

$LCH^*_s = 35.2 \ 56.3 \ 330.0$
 $LAB^*_s = 35.2 \ 48.8 \ -28.1$
 $rgb^*_{ds} = 0.47 \ 0.0 \ 1.0$

B_s blue

$LCH^*_s = 38.1 \ 48.2 \ 270.0$
 $LAB^*_s = 38.1 \ 0.0 \ -48.2$
 $rgb^*_{ds} = 0.0 \ 0.299 \ 1.0$

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

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

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

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

3. For the 48 or 360 equally spaced standard hue angles $h_{ab,s}$ of the colours of maximum chroma use the seven hue angles of the 60 degree colours s : $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$ ($i=0,6$) and the equations for a 48 and 360 step hue circle:

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

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

4. For the 48 or 360 elementary hue angles $h_{ab,e}$ of the colours of maximum chroma use the seven hue angles of the elementary colours e : $h_{ab,ei} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$ ($i=0,6$) and the equations for a 48 and 360 step elementary hue circle:

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

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

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

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

RE750-73 1-113631-L0

LAB*la0, YN=0%, XYZZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted

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

TUB-test chart RE75; 1080 standard colours, $cf=0,9$
48 step hue circles; $rgb-LabCh^*$ -tables

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmy0^*_{de}$

1-113631-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 $RYGCBM_d$; $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours $RYGCBM_e$; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}	$LAB^*_{ddx64M}(x=LabCh)$	$rgb^*_{ddx361M}$	$LAB^*_{ddx361M}(x=LabCh)$	$rgb^*_{dsx361M}$	$LAB^*_{dsx361M}(x=LabCh)$	$rgb^*_{dex361M}$	$LAB^*_{dex361M}$																									
34.1	30.0	25.4	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1	1.0	0.0	0.0	47.1	59.2	40.2	71.5	34	1.0	0.0	0.165	46.6	58.8	34.0	67.9	30	1.0	0.0	0.274	46.3	59.1	28.1	65.4	25	
45.5	37.5	33.8	1.0	0.125	0.0	53.0	53.6	54.6	76.5	45.5	1.0	0.117	0.0	52.7	54.1	53.7	76.2	44	1.0	0.0	0.031	0.0	48.5	58.1	43.8	72.8	37	1.0	0.0	0.043	46.9	59.1	38.8	70.6	33
58.7	45.0	42.1	1.0	0.25	0.0	60.8	38.1	62.7	73.4	58.7	1.0	0.25	0.0	60.8	38.1	62.7	73.4	58	1.0	0.119	0.0	52.8	54.0	54.0	76.3	45	1.0	0.088	0.0	51.3	55.6	50.4	75.1	42	
68.8	52.5	50.5	1.0	0.375	0.0	66.8	26.7	69.0	74.0	68.8	1.0	0.367	0.0	66.5	27.5	68.7	74.0	68	1.0	0.186	0.0	56.9	46.2	59.1	75.0	52	1.0	0.167	0.0	55.7	48.5	57.8	75.5	49	
77.2	60.0	58.8	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2	1.0	0.5	0.0	72.2	16.7	73.7	75.5	77	1.0	0.266	0.0	61.6	36.7	63.6	73.5	60	1.0	0.252	0.0	60.9	37.9	62.9	73.4	58	
82.8	67.5	67.2	1.0	0.625	0.0	76.1	9.8	77.6	78.3	82.8	1.0	0.617	0.0	75.9	10.3	77.4	78.1	82	1.0	0.352	0.0	65.8	28.9	68.0	73.9	67	1.0	0.348	0.0	65.6	29.2	67.9	73.9	66	
90.6	75.0	75.6	1.0	0.75	0.0	82.6	-0.9	79.7	79.7	90.6	1.0	0.75	0.0	82.6	-0.9	79.7	79.7	90	1.0	0.467	0.0	70.8	19.4	72.6	75.1	75	1.0	0.476	0.0	71.2	18.7	72.9	75.2	75	
95.2	82.5	83.9	1.0	0.875	0.0	86.7	-6.8	75.1	75.4	95.2	1.0	0.867	0.0	86.4	-6.4	75.5	75.7	94	1.0	0.607	0.0	75.6	10.8	77.2	77.9	82	1.0	0.634	0.0	76.6	9.0	77.9	78.4	83	
99.5	90.0	92.3	1.0	1.0	0.0	91.1	-14.2	84.3	85.4	99.5	1.0	1.0	0.0	91.1	-14.2	84.3	85.5	99	1.0	0.739	0.0	82.1	0.0	79.6	79.6	90	1.0	0.795	0.0	84.1	-3.1	78.1	78.2	92	
100.7	97.5	101.0	0.875	1.0	0.0	92.9	-17.6	92.7	94.4	100.7	0.883	1.0	0.0	92.8	-17.3	92.2	93.8	100	1.0	0.926	0.0	88.5	-9.6	79.0	79.5	97	0.905	1.0	0.0	92.5	-16.7	90.7	92.3	100	
103.7	105.0	109.7	0.75	1.0	0.0	89.4	-21.9	89.4	92.1	103.7	0.75	1.0	0.0	89.5	-21.8	89.5	92.1	103	0.73	1.0	0.0	88.2	-23.3	87.5	90.6	105	0.654	1.0	0.0	83.0	-28.5	79.4	84.4	109	
111.6	112.5	118.5	0.625	1.0	0.0	81.0	-30.2	76.3	82.0	111.6	0.633	1.0	0.0	81.6	-29.7	77.2	82.8	111	0.619	1.0	0.0	80.8	-30.5	75.9	81.8	112	0.53	1.0	0.0	75.9	-36.2	68.5	77.5	117	
119.9	120.0	127.2	0.5	1.0	0.0	74.3	-37.9	65.9	76.1	119.9	0.5	1.0	0.0	74.3	-37.9	66.0	76.1	119	0.499	1.0	0.0	74.3	-37.9	65.9	76.1	120	0.377	1.0	0.0	69.5	-44.2	58.3	73.2	127	
127.3	127.5	136.0	0.375	1.0	0.0	69.4	-44.4	58.1	73.1	127.3	0.383	1.0	0.0	69.7	-43.9	58.7	73.4	126	0.381	1.0	0.0	69.7	-44.0	58.6	73.3	127	0.283	1.0	0.0	64.3	-50.8	50.2	71.5	135	
138.3	135.0	144.7	0.25	1.0	0.0	62.4	-52.9	47.0	70.8	138.3	0.25	1.0	0.0	62.5	-52.8	47.1	70.8	138	0.288	1.0	0.0	64.6	-50.5	50.6	71.6	135	0.156	1.0	0.0	59.3	-57.6	40.8	70.7	144	
146.8	142.5	153.4	0.125	1.0	0.0	58.2	-59.2	38.6	70.6	146.8	0.133	1.0	0.0	58.5	-58.7	39.2	70.7	146	0.197	1.0	0.0	60.7	-55.7	43.6	70.8	142	0.0	1.0	0.001	55.1	-65.1	33.4	73.3	152	
152.8	150.0	162.2	0.0	1.0	0.0	55.1	-65.2	33.4	73.3	152.8	0.0	1.0	0.0	55.1	-65.2	33.5	73.3	152	0.06	1.0	0.0	56.6	-62.3	36.0	72.1	150	0.0	1.0	0.175	55.1	-62.1	19.9	65.3	162	
159.5	157.5	169.0	0.0	1.0	0.125	54.8	-63.5	23.7	67.8	159.5	0.0	1.0	0.117	54.8	-63.6	24.4	68.2	159	0.0	1.0	0.078	54.9	-62.4	27.3	69.9	157	0.0	1.0	0.285	55.6	-58.6	11.8	59.8	168	
166.2	165.0	175.9	0.0	1.0	0.25	55.4	-59.8	14.6	61.5	166.2	0.0	1.0	0.25	55.4	-59.7	14.6	61.6	166	0.0	1.0	0.227	55.3	-60.5	16.2	62.7	165	0.0	1.0	0.391	56.3	-54.5	3.9	54.7	175	
174.5	172.5	182.7	0.0	1.0	0.375	56.2	-55.1	5.2	55.4	174.5	0.0	1.0	0.367	56.2	-55.4	5.8	55.8	174	0.0	1.0	0.336	56.0	-56.7	8.0	57.3	172	0.0	1.0	0.471	56.8	-51.4	-2.0	51.5	182	
184.6	180.0	189.6	0.0	1.0	0.5	56.9	-50.1	-4.0	50.3	184.6	0.0	1.0	0.5	56.9	-50.0	-4.0	50.3	184	0.0	1.0	0.442	56.6	-52.6	0.0	52.7	180	0.0	1.0	0.558	57.2	-47.9	-8.0	48.7	189	
195.2	187.5	196.4	0.0	1.0	0.625	57.4	-45.1	-12.3	46.7	195.2	0.0	1.0	0.617	57.4	-45.4	-11.7	47.0	194	0.0	1.0	0.528	57.0	-49.1	-5.9	49.5	187	0.0	1.0	0.634	57.5	-44.8	-12.8	46.7	195	
205.2	195.0	203.2	0.0	1.0	0.75	57.5	-41.0	-19.3	45.3	205.2	0.0	1.0	0.75	57.6	-41.0	-19.3	45.4	205	0.0	1.0	0.622	57.5	-45.2	-12.0	46.9	195	0.0	1.0	0.725	57.6	-41.8	-18.0	45.7	203	
216.3	202.5	210.1	0.0	1.0	0.875	56.0	-37.8	-27.8	46.9	216.3	0.0	1.0	0.867	56.1	-38.0	-27.2	46.9	215	0.0	1.0	0.709	57.5	-42.4	-17.1	45.9	202	0.0	1.0	0.8	57.0	-39.9	-22.7	46.0	209	
229.6	210.0	216.9	0.0	1.0	1.0	53.2	-33.3	-39.2	51.4	229.6	0.0	1.0	1.0	53.3	-33.2	-39.2	51.5	229	0.0	1.0	0.803	56.9	-39.8	-22.9	46.1	210	0.0	1.0	0.881	55.9	-37.6	-28.3	47.2	216	
233.6	217.5	223.8	0.0	0.875	1.0	52.6	-31.1	-42.2	52.5	233.6	0.0	0.883	1.0	52.7	-31.2	-42.0	52.5	233	0.0	1.0	0.881	55.9	-37.6	-28.3	47.2	217	0.0	1.0	0.941	54.6	-35.8	-33.8	49.4	223	
239.3	225.0	230.6	0.0	0.75	1.0	52.6	-27.5	-46.4	54.0	239.3	0.0	0.75	1.0	52.6	-27.4	-46.4	54.0	239	0.0	1.0	0.956	54.9	-35.2	-35.2	49.9	225	0.0	0.968	1.0	53.1	-32.7	-39.9	51.8	230	
247.2	232.5	237.5	0.0	0.625	1.0	50.2	-20.3	-48.6	52.7	247.2	0.0	0.633	1.0	50.4	-20.8	-48.4	52.8	246	0.0	0.926	1.0	52.9	-32.0	-41.0	52.1	232	0.0	0.8	1.0	52.6	-29.0	-44.7	53.4	237	
254.6	240.0	244.3	0.0	0.5	1.0	46.2	-13.2	-48.4	50.2	254.6	0.0	0.5	1.0	46.3	-13.2	-48.3	50.2	254	0.0	0.74	1.0	52.4	-26.9	-46.6	53.9	240	0.0	0.671	1.0	51.1	-22.9	-47.9	53.2	244	
263.2	247.5	251.2	0.0	0.375	1.0	41.3	-5.7	-48.3	48.6	263.2	0.0	0.383	1.0	41.7	-6.1	-48.3	48.8	262	0.0	0.629	1.0	50.3	-20.5	-48.5	52.8	247	0.0	0.566	1.0	48.4	-16.9	-48.6	51.6	250	
274.4	255.0	258.0	0.0	0.25	1.0	36.0	3.7	-47.8	47.9	274.4	0.0	0.25	1.0	36.1	3.7	-47.7	48.0	274	0.0	0.495	1.0	46.1	-12.9	-48.4	50.2	255	0.0	0.451	1.0	44.3	-10.2	-48.4	49.6	258	
287.7	262.5	264.8	0.0	0.125	1.0	34.4	14.1	-44.3	46.5	287.7	0.0	0.133	1.0	34.6	13.5	-44.5	46.6	286	0.0	0.393	1.0	42.1	-6.7	-48.3	48.9	262	0.0	0.362	1.0	40.8	-4.6	-48.3	48.6	264	
299.0	270.0	271.7	0.0	0.0	1.0	32.1	23.3	-42.1	48.1	299.0	0.0	0.0	1.0	32.1	23.4	-42.0	48.2	299	0.0	0.3	1.0	38.2	0.0	-48.1	48.2	270	0.0	0.281	1.0	37.4	1.5	-48.0	48.1	271	
308.6	277.5	278.8	0.125	0.0	1.0	31.3	31.1	-38.9	49.8	308.6	0.117	0.0	1.0	31.4	30.6	-39.1	49.7	308	0.0	0.226	1.0	35.8	5.8	-47.2	47.7	277	0.0	0.213	1.0	35.6	6.9	-46.9	47.5	278	
318.6	285.0	285.9	0.25	0.0	1.0	30.9	38.6	-34.0	51.4	318.6	0.25	0.0	1.0	30.9	38.7	-33.9	51.5	318	0.0	0.151	1.0	34.8	12.1	-45.1	46.8	285	0.0	0.142	1.0	34.7	12.8	-44.8	46.7	285	
325.6	292.5	293.0	0.375	0.0	1.0	33.4	45.4	-31.0	55.0	325.6	0.367	0.0	1.0	33.3	45.0	-31.2	54.8	325	0.0	0.078	1.0	33.6	17.7	-43.6	47.2	292	0.0	0.071	1.0	33.5	18.1	-43.5	47.2	292	
331.3	300.0	300.1	0.5	0.0	1.0	35.8	49.8	-27.2	56.7	331.3	0.5	0.0	1.0	35.8	49.8	-27.1	56.8	331	0.013	0.0	1.0	32.1	24.2	-41.8	48.3	300	0.015	0.0	1.0	32.0	24.3	-41.7	48.4	300	
337.6	307.5	307.2	0.625	0.0	1.0	39.0	54.7	-22.4	59.1	337.6	0.617	0.0	1.0	38.8	54.4	-22.7	59.0	337	0.104	0.0	1.0	31.5	29.8	-39.5	49.6										

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 $RYGCBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}	$LAB^*_{ddx64M} (x=LabCh)$	$rgb^*_{dex361M}$	$LAB^*_{dex361M}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}														
34.1	30.0	25.4	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1	34.1	1.0	0.0	0.274	46.3	59.1	28.1	65.4	25				
45.5	37.5	33.8	1.0	0.125	0.0	53.0	53.6	54.6	76.5	45.5	45.5	1.0	0.0	0.043	46.9	59.1	38.8	70.6	33				
58.7	45.0	42.1	1.0	0.25	0.0	60.8	38.1	62.7	73.4	58.7	58.7	1.0	0.088	0.0	51.3	55.6	50.4	75.1	42				
68.8	52.5	50.5	1.0	0.375	0.0	66.8	26.7	69.0	74.0	68.8	68.8	1.0	0.167	0.0	55.7	48.5	57.8	75.5	49				
77.2	60.0	58.8	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2	77.2	1.0	0.252	0.0	60.9	37.9	62.9	73.4	58				
82.8	67.5	67.2	1.0	0.625	0.0	76.1	9.8	77.6	78.3	82.8	82.8	1.0	0.348	0.0	65.6	29.2	67.9	73.9	66				
90.6	75.0	75.6	1.0	0.75	0.0	82.6	-0.9	79.7	79.7	90.6	90.6	1.0	0.476	0.0	71.2	18.7	72.9	75.2	75				
95.2	82.5	83.9	1.0	0.875	0.0	86.7	-6.8	75.1	75.4	95.2	95.2	1.0	0.634	0.0	76.6	9.0	77.9	78.4	83				
99.5	90.0	92.3	1.0	1.0	0.0	91.1	-14.2	84.3	85.4	99.5	99.5	1.0	0.795	0.0	84.1	-3.1	78.1	78.2	92				
100.7	97.5	101.0	0.875	1.0	0.0	92.9	-17.6	92.7	94.4	100.7	100.7	0.905	1.0	0.0	92.5	-16.7	90.7	92.3	100				
103.7	105.0	109.7	0.75	1.0	0.0	89.4	-21.9	89.4	92.1	103.7	103.7	0.654	1.0	0.0	83.0	-28.5	79.4	84.4	109				
111.6	112.5	118.5	0.625	1.0	0.0	81.0	-30.2	76.3	82.0	111.6	111.6	0.53	1.0	0.0	75.9	-36.2	68.5	77.5	117				
119.9	120.0	127.2	0.5	1.0	0.0	74.3	-37.9	65.9	76.1	119.9	119.9	0.377	1.0	0.0	69.5	-44.2	58.3	73.2	127				
127.3	127.5	136.0	0.375	1.0	0.0	69.4	-44.4	58.1	73.1	127.3	127.3	0.283	1.0	0.0	64.3	-50.8	50.2	71.5	135				
138.3	135.0	144.7	0.25	1.0	0.0	62.4	-52.9	47.0	70.8	138.3	138.3	0.156	1.0	0.0	59.3	-57.6	40.8	70.7	144				
146.8	142.5	153.4	0.125	1.0	0.0	58.2	-59.2	38.6	70.6	146.8	146.8	0.001	1.0	0.0	55.1	-65.1	33.4	73.3	152				
152.8	150.0	162.2	0.0	1.0	0.0	55.1	-65.2	33.4	73.3	152.8	152.8	0.0	1.0	0.175	55.1	-62.1	19.9	65.3	162				
159.5	157.5	169.0	0.0	1.0	0.125	54.8	-63.5	23.7	67.8	159.5	159.5	0.0	1.0	0.285	55.6	-58.6	11.8	59.8	168				
166.2	165.0	175.9	0.0	1.0	0.25	55.4	-59.8	14.6	61.5	166.2	166.2	0.0	1.0	0.391	56.3	-54.5	3.9	54.7	175				
174.5	172.5	182.7	0.0	1.0	0.375	56.2	-55.1	5.2	55.4	174.5	174.5	0.0	1.0	0.471	56.8	-51.4	-2.0	51.5	182				
184.6	180.0	189.6	0.0	1.0	0.5	56.9	-50.1	-4.0	50.3	184.6	184.6	0.0	1.0	0.558	57.2	-47.9	-8.0	48.7	189				
195.2	187.5	196.4	0.0	1.0	0.625	57.4	-45.1	-12.3	46.7	195.2	195.2	0.0	1.0	0.634	57.5	-44.8	-12.8	46.7	195				
205.2	195.0	203.2	0.0	1.0	0.75	57.5	-41.0	-19.3	45.3	205.2	205.2	0.0	1.0	0.725	57.6	-41.8	-18.0	45.7	203				
216.3	202.5	210.1	0.0	1.0	0.875	56.0	-37.8	-27.8	46.9	216.3	216.3	0.0	1.0	0.8	57.0	-39.9	-22.7	46.0	209				
229.6	210.0	216.9	0.0	1.0	1.0	53.2	-33.3	-39.2	51.4	229.6	229.6	0.0	1.0	0.881	55.9	-37.6	-28.3	47.2	216				
233.6	217.5	223.8	0.0	0.875	1.0	52.6	-31.1	-42.2	52.5	233.6	233.6	0.0	1.0	0.941	54.6	-35.8	-33.8	49.4	223				
239.3	225.0	230.6	0.0	0.75	1.0	52.6	-27.5	-46.4	54.0	239.3	239.3	0.0	0.968	1.0	53.1	-32.7	-39.9	51.8	230				
247.2	232.5	237.5	0.0	0.625	1.0	50.2	-20.3	-48.6	52.7	247.2	247.2	0.0	0.8	1.0	52.6	-29.0	-44.7	53.4	237				
254.6	240.0	244.3	0.0	0.5	1.0	46.2	-13.2	-48.4	50.2	254.6	254.6	0.0	0.671	1.0	51.1	-22.9	-47.9	53.2	244				
263.2	247.5	251.2	0.0	0.375	1.0	41.3	-5.7	-48.3	48.6	263.2	263.2	0.0	0.566	1.0	48.4	-16.9	-48.6	51.6	250				
274.4	255.0	258.0	0.0	0.25	1.0	36.0	3.7	-47.8	47.9	274.4	274.4	0.0	0.451	1.0	44.3	-10.2	-48.4	49.6	258				
287.7	262.5	264.8	0.0	0.125	1.0	34.4	14.1	-44.3	46.5	287.7	287.7	0.0	0.362	1.0	40.8	-4.6	-48.3	48.6	264				
299.0	270.0	271.7	0.0	0.0	1.0	32.1	23.3	-42.1	48.1	299.0	299.0	0.0	0.281	1.0	37.4	1.5	-48.0	48.1	271				
308.6	277.5	278.8	0.125	0.0	1.0	31.3	31.1	-38.9	49.8	308.6	308.6	0.0	0.213	1.0	35.6	6.9	-46.9	47.5	278				
318.6	285.0	285.9	0.25	0.0	1.0	30.9	38.6	-34.0	51.4	318.6	318.6	0.0	0.142	1.0	34.7	12.8	-44.8	46.7	285				
325.6	292.5	293.0	0.375	0.0	1.0	33.4	45.4	-31.0	55.0	325.6	325.6	0.0	0.071	1.0	33.5	18.1	-43.5	47.2	292				
331.3	300.0	300.1	0.5	0.0	1.0	35.8	49.8	-27.2	56.7	331.3	331.3	0.0	0.015	0.0	1.0	32.0	24.3	-41.7	48.4	300			
337.6	307.5	307.2	0.625	0.0	1.0	39.0	54.7	-22.4	59.1	337.6	337.6	0.0	0.101	0.0	1.0	31.5	29.7	-39.5	49.5	306			
342.7	315.0	314.3	0.75	0.0	1.0	41.8	60.0	-18.6	62.8	342.7	342.7	0.0	0.197	0.0	1.0	31.1	35.5	-36.2	50.8	314			
347.0	322.5	321.4	0.875	0.0	1.0	44.2	64.5	-14.8	66.2	347.0	347.0	0.0	0.292	0.0	1.0	31.8	41.0	-33.0	52.7	321			
352.3	330.0	328.6	1.0	0.0	1.0	47.6	69.9	-9.4	70.6	352.3	352.3	0.0	0.44	0.0	1.0	34.7	47.8	-29.0	56.0	328			
353.7	337.5	335.7	1.0	0.0	0.875	46.9	69.7	-7.6	70.1	353.7	353.7	0.0	0.577	0.0	1.0	37.8	52.9	-24.3	58.3	335			
359.1	345.0	342.8	1.0	0.0	0.75	46.3	66.8	-1.0	66.8	359.1	359.1	0.0	0.753	0.0	1.0	41.9	60.1	-18.5	62.9	342			
365.9	352.5	349.9	1.0	0.0	0.625	46.1	64.3	6.7	64.7	365.9	365.9	0.0	0.932	0.0	1.0	45.8	67.1	-12.4	68.2	349			
373.0	360.0	357.0	1.0	0.0	0.5	46.0	61.4	14.2	63.1	373.0	373.0	0.0	0.993	0.0	1.0	47.5	69.7	-9.6	70.4	352			
380.2	367.5	364.1	1.0	0.0	0.375	45.8	59.8	22.0	63.7	380.2	380.2	0.0	1.0	0.0	0.736	46.3	66.7	-0.1	66.7	359			
386.6	375.0	371.2	1.0	0.0	0.25	46.3	58.7	29.5	65.8	386.6	386.6	0.0	1.0	0.0	0.576	46.1	63.3	9.8	64.1	368			
391.5	382.5	378.3	1.0	0.0	0.125	46.7	58.7	36.0	68.9	391.5	391.5	0.0	1.0	0.0	0.439	46.0	60.8	18.1	63.4	376			
394.1	390.0	385.4	1.0	0.0	0.0	47.0	59.1	40.1	71.5	394.1	394.1	0.0	1.0	0.0	0.274	46.3	59.1	28.1	65.4	385			

RE750-73

1-113831-L0

LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted

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

TUB-test chart RE75; 1080 standard colours, $cf=0.9$
48 step hue circles; $rgb-LabCh$ *tables

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmy0^*_{de}$

TUB registration: 20150701-RE75/RE75L0FA.TXT /.PS
application for measurement of laser printer output, separation $cmy0^*$ (CMY0)
TUB material: code=rh4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmy6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_c$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; 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}
34	30	25	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34	1.0	0.0	0.0	0.0	0.0
35	31	26	1.0	0.016	0.0	47.8	58.6	42.1	72.2	35	1.0	0.0	0.017	0.0	0.0
37	32	27	1.0	0.033	0.0	48.6	58.0	44.0	72.8	37	1.0	0.0	0.033	0.0	0.0
38	33	28	1.0	0.05	0.0	49.4	57.3	46.0	73.5	38	1.0	0.0	0.05	0.0	0.0
40	34	29	1.0	0.066	0.0	50.2	56.6	47.9	74.2	40	1.0	0.0	0.067	0.0	0.0
41	35	31	1.0	0.083	0.0	51.0	55.8	49.8	74.8	41	1.0	0.0	0.083	0.0	0.0
43	36	32	1.0	0.1	0.0	51.8	55.0	51.7	75.5	43	1.0	0.0	0.1	0.0	0.0
44	37	33	1.0	0.116	0.0	52.6	54.0	53.6	76.2	44	1.0	0.0	0.117	0.0	0.0
46	38	34	1.0	0.133	0.0	53.5	52.6	55.3	76.3	46	1.0	0.0	0.133	0.0	0.0
48	39	35	1.0	0.15	0.0	54.6	50.6	56.5	75.9	48	1.0	0.0	0.15	0.0	0.0
49	40	36	1.0	0.166	0.0	55.6	48.5	57.7	75.4	49	1.0	0.0	0.167	0.0	0.0
51	41	37	1.0	0.183	0.0	56.6	46.5	58.9	75.0	51	1.0	0.0	0.183	0.0	0.0
53	42	38	1.0	0.2	0.0	57.7	44.4	59.9	74.6	53	1.0	0.0	0.2	0.0	0.0
55	43	39	1.0	0.216	0.0	58.7	42.3	60.9	74.2	55	1.0	0.0	0.217	0.0	0.0
56	44	41	1.0	0.233	0.0	59.7	40.2	61.8	73.8	56	1.0	0.0	0.233	0.0	0.0
58	45	42	1.0	0.25	0.0	60.8	38.1	62.7	73.4	58	1.0	0.0	0.25	0.0	0.0
60	46	43	1.0	0.266	0.0	61.6	36.6	63.6	73.4	60	1.0	0.0	0.267	0.0	0.0
61	47	44	1.0	0.283	0.0	62.4	35.2	64.6	73.5	61	1.0	0.0	0.283	0.0	0.0
62	48	45	1.0	0.3	0.0	63.2	33.7	65.4	73.6	62	1.0	0.0	0.3	0.0	0.0
64	49	46	1.0	0.316	0.0	64.0	32.1	66.3	73.7	64	1.0	0.0	0.317	0.0	0.0
65	50	47	1.0	0.333	0.0	64.8	30.6	67.1	73.8	65	1.0	0.0	0.333	0.0	0.0
66	51	48	1.0	0.35	0.0	65.6	29.0	67.9	73.9	66	1.0	0.0	0.35	0.0	0.0
68	52	49	1.0	0.366	0.0	66.4	27.5	68.6	73.9	68	1.0	0.0	0.367	0.0	0.0
69	53	51	1.0	0.383	0.0	67.2	26.0	69.3	74.1	69	1.0	0.0	0.383	0.0	0.0
70	54	52	1.0	0.4	0.0	67.9	24.7	70.0	74.3	70	1.0	0.0	0.4	0.0	0.0
71	55	53	1.0	0.416	0.0	68.6	23.4	70.7	74.5	71	1.0	0.0	0.417	0.0	0.0
72	56	54	1.0	0.433	0.0	69.3	22.1	71.3	74.7	72	1.0	0.0	0.433	0.0	0.0
73	57	55	1.0	0.45	0.0	70.0	20.8	71.9	74.9	73	1.0	0.0	0.45	0.0	0.0
74	58	56	1.0	0.466	0.0	70.7	19.4	72.5	75.1	74	1.0	0.0	0.467	0.0	0.0
76	59	57	1.0	0.483	0.0	71.4	18.0	73.1	75.3	76	1.0	0.0	0.483	0.0	0.0
77	60	58	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77	1.0	0.0	0.5	0.0	0.0
77	61	60	1.0	0.516	0.0	72.7	15.8	74.2	75.8	77	1.0	0.0	0.517	0.0	0.0
78	62	61	1.0	0.533	0.0	73.2	14.9	74.7	76.2	78	1.0	0.0	0.533	0.0	0.0
79	63	62	1.0	0.55	0.0	73.7	14.0	75.3	76.6	79	1.0	0.0	0.55	0.0	0.0
80	64	63	1.0	0.566	0.0	74.3	13.0	75.8	77.0	80	1.0	0.0	0.567	0.0	0.0
80	65	64	1.0	0.583	0.0	74.8	12.1	76.4	77.3	80	1.0	0.0	0.583	0.0	0.0
81	66	65	1.0	0.6	0.0	75.3	11.2	76.9	77.7	81	1.0	0.0	0.6	0.0	0.0
82	67	66	1.0	0.616	0.0	75.8	10.2	77.4	78.1	82	1.0	0.0	0.617	0.0	0.0
83	68	67	1.0	0.633	0.0	76.5	9.1	77.8	78.4	83	1.0	0.0	0.633	0.0	0.0
84	69	68	1.0	0.65	0.0	77.4	7.6	78.2	78.5	84	1.0	0.0	0.65	0.0	0.0
85	70	70	1.0	0.666	0.0	78.3	6.2	78.5	78.7	85	1.0	0.0	0.667	0.0	0.0
86	71	71	1.0	0.683	0.0	79.1	4.8	78.8	78.9	86	1.0	0.0	0.683	0.0	0.0
87	72	72	1.0	0.7	0.0	80.0	3.4	79.0	79.1	87	1.0	0.0	0.7	0.0	0.0
88	73	73	1.0	0.716	0.0	80.9	1.9	79.3	79.3	88	1.0	0.0	0.717	0.0	0.0
89	74	74	1.0	0.733	0.0	81.7	0.5	79.5	79.5	89	1.0	0.0	0.733	0.0	0.0
-269	75	75	1.0	0.75	0.0	82.6	-0.9	79.7	79.7	-269	1.0	0.0	0.75	0.0	0.0

RE750-73

1-113931-L0

LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nmw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted

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

TUB-test chart RE75; 1080 standard colours, $cf=0.9$
48 step hue circles; $rgb-LabCh$ *tables

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmy0^*_{de}$

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

Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; 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}							$LAB^*_{ddx361Mi} (x=LabCh)$							$rgb^*_{ds361Mi}$							$LAB^*_{dsx361Mi} (x=LabCh)$							$rgb^*_{dd361Mi}$							$rgb^*_{de361Mi}$							$LAB^*_{dex361Mi} (x=LabCh)$							$rgb^*_{dd361Mi}$						
-269	75	75	1.0	0.75	0.0	82.6	-0.9	79.7	79.7	-269	R_d	1.0	0.467	0.0	70.8	19.4	72.6	75.1	75	1.0	0.75	0.0	1.0	0.476	0.0	71.2	18.7	72.9	75.2	75	1.0	0.75	0.0																									
91	76	76	1.0	0.766	0.0	83.1	-1.7	79.1	79.1	91		1.0	0.482	0.0	71.4	18.2	73.1	75.3	76	1.0	0.767	0.0	1.0	0.492	0.0	71.9	17.3	73.4	75.4	76	1.0	0.767	0.0																									
91	77	77	1.0	0.783	0.0	83.7	-2.5	78.5	78.5	91		1.0	0.496	0.0	72.0	17.0	73.5	75.5	77	1.0	0.783	0.0	1.0	0.513	0.0	72.6	16.0	74.1	75.8	77	1.0	0.783	0.0																									
92	78	78	1.0	0.8	0.0	84.2	-3.4	77.9	78.0	92		1.0	0.517	0.0	72.7	15.8	74.2	75.9	78	1.0	0.8	0.0	1.0	0.538	0.0	73.4	14.6	75.0	76.4	78	1.0	0.8	0.0																									
93	79	80	1.0	0.816	0.0	84.8	-4.1	77.3	77.4	93		1.0	0.54	0.0	73.4	14.6	75.0	76.4	79	1.0	0.817	0.0	1.0	0.563	0.0	74.2	13.3	75.8	76.9	80	1.0	0.817	0.0																									
93	80	81	1.0	0.833	0.0	85.3	-4.9	76.7	76.8	93		1.0	0.562	0.0	74.2	13.4	75.7	76.9	80	1.0	0.833	0.0	1.0	0.588	0.0	75.0	11.9	76.6	77.5	81	1.0	0.833	0.0																									
94	81	82	1.0	0.85	0.0	85.8	-5.7	76.0	76.3	94		1.0	0.584	0.0	74.9	12.1	76.5	77.4	81	1.0	0.85	0.0	1.0	0.613	0.0	75.8	10.5	77.3	78.1	82	1.0	0.85	0.0																									
94	82	83	1.0	0.866	0.0	86.4	-6.4	75.4	75.7	94		1.0	0.607	0.0	75.6	10.8	77.2	77.9	82	1.0	0.867	0.0	1.0	0.634	0.0	76.6	9.0	77.9	78.4	83	1.0	0.867	0.0																									
95	83	84	1.0	0.883	0.0	87.0	-7.3	75.7	76.1	95		1.0	0.628	0.0	76.3	9.5	77.8	78.4	83	1.0	0.883	0.0	1.0	0.652	0.0	77.6	7.5	78.3	78.6	84	1.0	0.883	0.0																									
96	84	85	1.0	0.9	0.0	87.5	-8.2	77.0	77.4	96		1.0	0.644	0.0	77.1	8.2	78.1	78.5	84	1.0	0.9	0.0	1.0	0.67	0.0	78.5	6.0	78.6	78.8	85	1.0	0.9	0.0																									
96	85	86	1.0	0.916	0.0	88.1	-9.1	78.2	78.8	96		1.0	0.66	0.0	78.0	6.9	78.4	78.7	85	1.0	0.917	0.0	1.0	0.687	0.0	79.4	4.5	78.9	79.0	86	1.0	0.917	0.0																									
97	86	87	1.0	0.933	0.0	88.7	-10.1	79.5	80.1	97		1.0	0.676	0.0	78.8	5.5	78.7	78.9	86	1.0	0.933	0.0	1.0	0.705	0.0	80.3	3.0	79.2	79.2	87	1.0	0.933	0.0																									
97	87	88	1.0	0.95	0.0	89.3	-11.1	80.7	81.4	97		1.0	0.692	0.0	79.6	4.1	79.0	79.1	87	1.0	0.95	0.0	1.0	0.723	0.0	81.2	1.4	79.4	79.4	88	1.0	0.95	0.0																									
98	88	90	1.0	0.966	0.0	89.9	-12.1	81.9	82.8	98		1.0	0.707	0.0	80.4	2.8	79.2	79.2																																								

RE750-73	1-1131031-L0	LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted
----------	--------------	---

Output: Offset standard print; separation cmyn6*, D65, page 11/36

TUB-test chart RE75; 1080 standard colours, $cf=0,9$
48 step hue circles; $rqb-LabCh^*$ tables

input: *rgb/cmyk* $\rightarrow$ *rgb_{de}*
output: 3D-linearization to *cmy0*_{de}*

Data of Maximum color M in colorimetric system Offset standard print; separation cmyln6*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM₆: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours RYGBM₆: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours RYGBM₆: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}											
119	120	127	0.5	1.0	0.0	74.3	-37.9 65.9	76.1	120	0.5	1.0	0.0	0.377	1.0	0.0	69.5	-44.2 58.3	73.2	127	0.5	1.0	0.0			
120	121	128	0.483	1.0	0.0	73.6	-38.9 64.9	75.7	121	0.483	1.0	0.0	0.363	1.0	0.0	68.7	-45.3 57.2	73.0	128	0.483	1.0	0.0			
121	122	129	0.466	1.0	0.0	73.0	-39.8 63.9	75.3	122	0.466	1.0	0.0	0.35	1.0	0.0	68.0	-46.2 56.0	72.7	129	0.466	1.0	0.0			
122	123	130	0.45	1.0	0.0	72.3	-40.7 62.8	74.9	123	0.45	1.0	0.0	0.336	1.0	0.0	67.3	-47.2 54.9	72.5	130	0.45	1.0	0.0			
123	124	131	0.433	1.0	0.0	71.7	-41.5 61.8	74.5	124	0.433	1.0	0.0	0.323	1.0	0.0	66.5	-48.2 53.7	72.2	131	0.433	1.0	0.0			
124	125	133	0.416	1.0	0.0	71.0	-42.4 60.8	74.1	125	0.416	1.0	0.0	0.31	1.0	0.0	65.8	-49.1 52.5	72.0	133	0.416	1.0	0.0			
125	126	134	0.4	1.0	0.0	70.4	-43.2 59.7	73.7	126	0.4	1.0	0.0	0.296	1.0	0.0	65.1	-49.9 51.4	71.7	134	0.4	1.0	0.0			
126	127	135	0.383	1.0	0.0	69.7	-44.0 58.7	73.3	127	0.383	1.0	0.0	0.283	1.0	0.0	64.3	-50.8 50.2	71.5	135	0.383	1.0	0.0			
128	128	136	0.366	1.0	0.0	68.9	-45.0 57.4	73.0	128	0.366	1.0	0.0	0.27	1.0	0.0	63.6	-51.6 48.9	71.2	136	0.366	1.0	0.0			
129	129	137	0.35	1.0	0.0	68.0	-46.3 56.0	72.7	129	0.35	1.0	0.0	0.257	1.0	0.0	62.8	-52.4 47.7	71.0	137	0.35	1.0	0.0			
131	130	138	0.333	1.0	0.0	67.1	-47.5 54.6	72.4	131	0.345	1.0	0.0	0.242	1.0	0.0	62.2	-53.3 46.5	70.8	138	0.333	1.0	0.0			
132	131	140	0.316	1.0	0.0	66.1	-48.6 53.1	72.0	132	0.334	1.0	0.0	0.225	1.0	0.0	61.6	-54.2 45.4	70.8	140	0.317	1.0	0.0			
133	132	141	0.3	1.0	0.0	65.2	-49.8 51.6	71.7	133	0.322	1.0	0.0	0.207	1.0	0.0	61.0	-55.1 44.3	70.8	141	0.3	1.0	0.0			
135	133	142	0.283	1.0	0.0	64.3	-50.8 50.1	71.4	135	0.311	1.0	0.0	0.19	1.0	0.0	60.4	-56.0 43.2	70.8	142	0.283	1.0	0.0			
136	134	143	0.266	1.0	0.0	63.3	-51.9 48.6	71.1	136	0.299	1.0	0.0	0.173	1.0	0.0	59.9	-56.8 42.0	70.7	143	0.267	1.0	0.0			
138	135	144	0.25	1.0	0.0	62.4	-52.9 47.0	70.8	138	0.288	1.0	0.0	0.156	1.0	0.0	59.3	-57.6 40.8	70.7	144	0.25	1.0	0.0			
139	136	145	0.233	1.0	0.0	61.9	-53.8 46.0	70.8	139	0.277	1.0	0.0	0.139	1.0	0.0	58.7	-58.4 39.6	70.7	145	0.233	1.0	0.0			
140	137	147	0.216	1.0	0.0	61.3	-54.7 44.9	70.7	140	0.265	1.0	0.0	0.121	1.0	0.0	58.1	-59.3 38.5	70.8	147	0.217	1.0	0.0			
141	138	148	0.2	1.0	0.0	60.7	-55.5 43.8	70.7	141	0.254	1.0	0.0	0.097	1.0	0.0	57.5	-60.5 37.5	71.3	148	0.2	1.0	0.0			
142	139	149	0.183	1.0	0.0	60.2	-56.4 42.6	70.7	142	0.24	1.0	0.0	0.072	1.0	0.0	56.9	-61.7 36.5	71.8	149	0.183	1.0	0.0			
144	140	150	0.166	1.0	0.0	59.6	-57.2 41.5	70.7	144	0.226	1.0	0.0	0.048	1.0	0.0	56.3	-62.9 35.5	72.3	150	0.167	1.0	0.0			
145	141	151	0.15	1.0	0.0	59.0	-58.0 40.3	70.7	145	0.211	1.0	0.0	0.023	1.0	0.0	55.7	-64.1 34.5	72.9	151	0.15	1.0	0.0			
146	142	152	0.133	1.0	0.0	58.5	-58.8 39.2	70.6	146	0.197	1.0	0.0	0.0	1.0	0.001	55.1	-65.1 33.4	73.3	152	0.133	1.0	0.0			
147	143	154	0.116	1.0	0.0	58.0	-59.6 38.2	70.8	147	0.182	1.0	0.0	0.0	1.0	0.023	55.1	-64.9 31.6	72.3	154	0.117	1.0	0.0			
148	144	155	0.1	1.0	0.0	57.5	-60.4 37.6	71.2	148	0.167	1.0	0.0	0.0	1.0	0.045	55.0	-64.7 29.9	71.4	155	0.1	1.0	0.0			
148	145	156	0.083	1.0	0.0	57.1	-61.2 36.9	71.5	148	0.153	1.0	0.0	0.0	1.0	0.067	55.0	-64.4 28.2	70.4	156	0.083	1.0	0.0			
149	146	157	0.066	1.0	0.0	56.7	-62.0 36.3	71.9	149	0.138	1.0	0.0	0.0	1.0	0.089	54.9	-64.1 26.5	69.4	157	0.067	1.0	0.0			
150	147	158	0.049	1.0	0.0	56.3	-62.8 35.6	72.2	150	0.123	1.0	0.0	0.0	1.0	0.11	54.8	-63.7 24.8	68.5	158	0.05	1.0	0.0			
151	148	159	0.033	1.0	0.0	55.9	-63.6 34.9	72.6	151	0.102	1.0	0.0	0.0	1.0	0.132	54.8	-63.2 23.2	67.5	159	0.033	1.0	0.0			
152	149	161	0.016	1.0	0.0	55.5	-64.4 34.2	72.9	152	0.081	1.0	0.0	0.0	1.0	0.154	54.9	-62.7 21.5	66.4	161	0.017	1.0	0.0			
152	150	162	0.0	1.0	0.0	55.1	-65.2 33.4	73.3	152	G_d 0.06	1.0	0.0	0.0	1.0	0.175	55.1	-62.1 19.9	65.3	162	G_e 0.0	1.0	0.0			
153	151	163	0.0	1.0	0.016	55.0	-65.1 32.1	72.6	153	0.039	1.0	0.0	0.0	1.0	0.192	55.1	-61.6 18.7	64.5	163	0.0	1.0	0.017			
154	152	164	0.0	1.0	0.033	55.0	-64.9 30.8	71.8	154	0.018	1.0	0.0	0.0	1.0	0.209	55.2	-61.1 17.5	63.6	164	0.0	1.0	0.033			
155	153	164	0.0	1.0	0.05	54.9	-64.7 29.4	71.1	155	0.0	1.0	0.003	55.1	-65.1 33.2	73.2	153	0.0	1.0	0.05	0.0	1.0	0.0			
156	154	165	0.0	1.0	0.066	54.9	-64.5 28.1	70.3	156	0.0	1.0	0.022	55.1	-65.0 31.7	72.4	154	0.0	1.0	0.067	0.0	1.0	0.067			
157	155	166	0.0	1.0	0.083	54.9	-64.2 26.9	69.6	157	0.0	1.0	0.041	55.0	-64.7 30.2	71.5	155	0.0	1.0	0.083	0.0	1.0	0.083			
158	156	167	0.0	1.0	0.1	54.8	-63.9 25.6	68.9	158	0.0	1.0	0.059	55.0	-64.5 28.8	70.7	156	0.0	1.0	0.1	0.0	1.0	0.1			
159	157	168	0.0	1.0	0.116	54.8	-63.6 24.3	68.1	159	0.0	1.0	0.078	54.9	-64.2 27.3	69.9	157	0.0	1.0	0.117	0.0	1.0	0.117			
159	158	169	0.0	1.0	0.133	54.8	-63.3 23.1	67.3	159	0.0	1.0	0.097	54.9	-63.9 25.9	69.1	158	0.0	1.0	0.133	0.0	1.0	0.133			
160	159	170	0.0	1.0	0.15	54.9	-62.8 21.8	66.5	160	0.0	1.0	0.116	54.8	-63.6 24.5	68.2	159	0.0	1.0	0.15	0.0	1.0	0.15			
161	160	171	0.0	1.0	0.166	55.0	-62.4 20.5	65.7	161	0.0	1.0	0.134	54.9	-63.2 23.0	67.4	160	0.0	1.0	0.167	0.0	1.0	0.167			
162	161	172	0.0	1.0	0.183	55.0	-61.9 19.3	64.9	162	0.0	1.0	0.153	54.9	-62.7 21.6	66.4	161	0.0	1.0	0.183	0.0	1.0	0.183			
163	162	173	0.0	1.0	0.2	55.1	-61.4 18.1	64.0	163	0.0	1.0	0.171	55.0	-62.2 20.2	65.5	162	0.0	1.0	0.2	0.0	1.0	0.2			
164	163	174	0.0	1.0	0.216	55.2	-60.9 16.9	63.2	164	0.0	1.0	0.19	55.1	-61.7 18.9	64.6	163	0.0	1.0	0.217	0.0	1.0	0.217			
165	164	175	0.0	1.0	0.233	55.3	-60.3 15.7	62.4	165	0.0	1.0	0.208	55.2	-61.1 17.5	63.7	164	0.0	1.0	0.233	0.0	1.0	0.233			
166	165	175	0.0	1.0	0.25	55.4	-59.8 14.6	61.5	166	0.0	1.0	0.227	55.3	-60.5 16.2	62.7	165	0.0	1.0	0.25	0.0	1.0	0.25			

RE750-73

1-1131131-L0

LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nmw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmyln6*, D65, page 12/33

TUB-test chart RE75; 1080 standard colours, $cf=0.9$
48 step hue circles; $rgb-LabCh$ *tables

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmy0^*_{de}$

TUB registration: 20150701-RE75/RE75L0FA.TXT /.PS
application for measurement of laser printer output, separation cmy0* (CMY0)
TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

CIE Lab angles of the device colours (x=LabCh)										CIE Lab angles of the elementary colours (x=LabCh)										CIE Lab angles of the device colours (x=LabCh)										CIE Lab angles of the elementary colours (x=LabCh)									
Lab_d	hab_s	hab_e	rgb* dd361Mi	LAB* dxd361Mi (x=LabCh)	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)															
166	165	175	0.0	1.0	0.25	55.4	-59.8	14.6	61.5	166	0.0	1.0	0.227	55.3	-60.5	16.2	62.7	165	0.0	1.0	0.25	0.0	1.0	0.391	56.3	-54.5	3.9	54.7	175	0.0	1.0	0.25							
167	166	176	0.0	1.0	0.266	55.5	-59.2	13.2	60.7	167	0.0	1.0	0.245	55.4	-59.9	15.0	61.8	166	0.0	1.0	0.267	0.0	1.0	0.403	56.4	-54.1	3.0	54.3	176	0.0	1.0	0.267							
168	167	177	0.0	1.0	0.283	55.6	-58.7	11.9	59.9	168	0.0	1.0	0.261	55.5	-59.4	13.7	61.0	167	0.0	1.0	0.283	0.0	1.0	0.414	56.5	-53.7	2.1	53.8	177	0.0	1.0	0.283							
169	168	178	0.0	1.0	0.3	55.7	-58.1	10.6	59.1	169	0.0	1.0	0.276	55.6	-58.9	12.5	60.3	168	0.0	1.0	0.3	0.0	1.0	0.425	56.5	-53.2	1.3	53.3	178	0.0	1.0	0.3							
170	169	179	0.0	1.0	0.316	55.8	-57.5	9.4	58.2	170	0.0	1.0	0.291	55.7	-58.4	11.4	59.6	169	0.0	1.0	0.317	0.0	1.0	0.437	56.6	-52.8	0.4	52.9	179	0.0	1.0	0.317							
171	170	180	0.0	1.0	0.333	55.9	-56.8	8.1	57.4	171	0.0	1.0	0.306	55.8	-57.8	10.2	58.8	170	0.0	1.0	0.333	0.0	1.0	0.448	56.6	-52.3	-0.3	52.4	180	0.0	1.0	0.333							
172	171	181	0.0	1.0	0.35	56.0	-56.2	6.9	56.6	172	0.0	1.0	0.321	55.9	-57.3	9.1	58.1	171	0.0	1.0	0.35	0.0	1.0	0.46	56.7	-51.8	-1.2	52.0	181	0.0	1.0	0.35							
174	172	182	0.0	1.0	0.366	56.1	-55.5	5.7	55.8	174	0.0	1.0	0.336	56.0	-56.7	8.0	57.3	172	0.0	1.0	0.367	0.0	1.0	0.471	56.8	-51.4	-2.0	51.5	182	0.0	1.0	0.367							
175	173	183	0.0	1.0	0.383	56.2	-54.8	4.5	55.0	175	0.0	1.0	0.351	56.1	-56.1	6.9	56.6	173	0.0	1.0	0.383	0.0	1.0	0.482	56.8	-50.8	-2.8	51.0	183	0.0	1.0	0.383							
176	174	184	0.0	1.0	0.4	56.3	-54.2	3.2	54.3	176	0.0	1.0	0.366	56.2	-55.4	5.8	55.8	174	0.0	1.0	0.4	0.0	1.0	0.494	56.9	-50.3	-3.5	50.6	184	0.0	1.0	0.4							
177	175	185	0.0	1.0	0.416	56.4	-53.6	1.9	53.7	177	0.0	1.0	0.38	56.3	-54.9	4.8	55.2	175	0.0	1.0	0.417	0.0	1.0	0.505	56.9	-49.9	-4.3	50.2	185	0.0	1.0	0.417							
179	176	185	0.0	1.0	0.433	56.5	-53.0	0.6	53.0	179	0.0	1.0	0.392	56.3	-54.5	3.8	54.7	176	0.0	1.0	0.433	0.0	1.0	0.515	57.0	-49.5	-5.1	49.9	185	0.0									

TUB registration: 20150701-RE75/RE75L0FA.TXT / PS TUB material
 application for measurement of laser printer output, separation cmy0* (CMY0)

TUB-test chart RE75; 1080 standard colours, $cf=0,9$
48 step hue circles; $rgb-LabCh^*$ tables

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmy0^*_{de}$

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

Data of Maximum color M in colorimetric system Offset standard print; separation cmyln6*, 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 $RYGCBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; 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}	$LAB^*_{ddx361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$rgb^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{de361Mi}$																										
229	210	216	0.0	1.0	1.0	53.2	-33.3	-39.2	51.4	229	C_d	0.0	1.0	0.803	56.9	-39.8	-22.9	46.1	210	C_s	0.0	1.0	1.0	1.0	0.0	1.0	0.881	55.9	-37.6	-28.3	47.2	216	C_e	0.0	1.0	1.0	1.0
230	211	217	0.0	0.983	1.0	53.1	-33.0	-39.6	51.6	230	0.0	1.0	0.814	56.8	-39.5	-23.7	46.2	211	0.0	0.983	1.0	0.0	1.0	0.889	55.7	-37.4	-29.1	47.5	217	0.0	0.983	1.0					
230	212	218	0.0	0.966	1.0	53.1	-32.7	-40.0	51.7	230	0.0	1.0	0.826	56.6	-39.2	-24.5	46.4	212	0.0	0.967	1.0	0.0	1.0	0.898	55.5	-37.2	-29.9	47.8	218	0.0	0.967	1.0					
231	213	219	0.0	0.95	1.0	53.0	-32.4	-40.4	51.9	231	0.0	1.0	0.837	56.5	-38.9	-25.2	46.5	213	0.0	0.95	1.0	0.0	1.0	0.906	55.3	-36.9	-30.6	48.1	219	0.0	0.95	1.0					
231	214	220	0.0	0.933	1.0	52.9	-32.2	-40.8	52.0	231	0.0	1.0	0.848	56.4	-38.6	-26.0	46.6	214	0.0	0.933	1.0	0.0	1.0	0.915	55.2	-36.6	-31.4	48.4	220	0.0	0.933	1.0					
232	215	221	0.0	0.916	1.0	52.8	-31.9	-41.2	52.1	232	0.0	1.0	0.859	56.2	-38.2	-26.7	46.8	215	0.0	0.917	1.0	0.0	1.0	0.924	55.0	-36.4	-32.2	48.7	221	0.0	0.917	1.0					
232	216	222	0.0	0.9	1.0	52.7	-31.6	-41.6	52.3	232	0.0	1.0	0.871	56.1	-37.9	-27.5	46.9	216	0.0	0.9	1.0	0.0	1.0	0.932	54.8	-36.1	-33.0	49.0	222	0.0	0.9	1.0					
233	217	223	0.0	0.883	1.0	52.7	-31.3	-42.0	52.4	233	0.0	1.0	0.881	55.9	-37.6	-28.3	47.2	217	0.0	0.883	1.0	0.0	1.0	0.941	54.6	-35.8	-33.8	49.4	223	0.0	0.883	1.0					
233	218	224	0.0	0.866	1.0	52.6	-30.9	-42.5	52.6	233	0.0	1.0	0.89	55.7	-37.4	-29.2	47.5	218	0.0	0.867	1.0	0.0	1.0	0.949	54.4	-35.5	-34.6	49.7	224	0.0	0.867	1.0					
234	219	225	0.0	0.85	1.0	52.6	-30.4	-43.1	52.8	234	0.0	1.0	0.9	55.5	-37.1	-30.0	47.9	219	0.0	0.85	1.0	0.0	1.0	0.958	54.2	-35.1	-35.4	50.0	225	0.0	0.85	1.0					
235	220	226	0.0	0.833	1.0	52.6	-30.0	-43.7	53.0	235	0.0	1.0	0.909	55.3	-36.8	-30.9	48.2	220	0.0	0.833	1.0	0.0	1.0	0.966	54.0	-34.8	-36.1	50.3	226	0.0	0.833	1.0					
236	221	227	0.0	0.816	1.0	52.6	-29.5	-44.2	53.2	236	0.0	1.0	0.918	55.1	-36.5	-31.8	48.5	221	0.0	0.817	1.0	0.0	1.0	0.975	53.8	-34.4	-36.9	50.6	227	0.0	0.817	1.0					
237	222	227	0.0	0.8	1.0	52.6	-29.0	-44.8	53.4	237	0.0	1.0	0.928	54.9	-36.2	-32.6	48.9	222	0.0	0.8	1.0	0.0	1.0	0.984	53.6	-34.0	-37.7	50.9	227	0.0	0.8	1.0					
237	223	228	0.0	0.783	1.0	52.6	-28.5	-45.4	53.6	237	0.0	1.0	0.937	54.7	-35.9	-33.5	49.2	223	0.0	0.783	1.0	0.0	1.0	0.992	53.4	-33.6	-38.5	51.2	228	0.0	0.783	1.0					
238	224	229	0.0	0.766	1.0	52.6	-28.0	-45.9	53.8	238	0.0	1.0	0.947	54.5	-35.6	-34.3	49.6	224	0.0	0.767	1.0	0.0	1.0	0.998	53.3	-33.2	-39.2	51.5	229	0.0	0.767	1.0					
239	225	230	0.0	0.75	1.0	52.6	-27.5	-46.4	54.0	239	0.0	1.0	0.956	54.2	-35.2	-35.2	49.9	225	0.0	0.75	1.0	0.0	1.0	0.968	53.1	-32.7	-39.9	51.8	230	0.0	0.75	1.0					
240	226	231	0.0	0.733	1.0	52.2	-26.5	-46.8	53.8	240	0.0	1.0	0.965	54.0	-34.8	-36.0	50.2	226	0.0	0.733	1.0	0.0	1.0	0.939	53.0	-32.2	-40.6	52.0	231	0.0	0.733	1.0					
241	227	232	0.0	0.716	1.0	51.9	-25.6	-47.1	53.6	241	0.0	1.0	0.975	53.8	-34.4	-36.9	50.6	227	0.0	0.717	1.0	0.0	1.0	0.91	52.8	-31.7	-41.3	52.2	232	0.0	0.717	1.0					
242	228	233	0.0	0.7	1.0	51.6	-24.6	-47.4	53.5	242	0.0	1.0	0.984	53.6	-34.0	-37.7	50.9	228	0.0	0.7	1.0	0.0	1.0	0.881	52.7	-31.2	-42.0	52.5	233	0.0	0.7	1.0					
243	229	234	0.0	0.683	1.0	51.3	-23.7	-47.7	53.3	243	0.0	1.0	0.994	53.4	-33.5	-38.6	51.3	229	0.0	0.683	1.0	0.0	1.0	0.859	52.7	-30.7	-42.7	52.7	234	0.0	0.683	1.0					
244	230	235	0.0	0.666	1.0	51.0	-22.7	-48.0	53.1	244	0.0	0.99	1.0	53.2	-33.1	-39.4	51.6	230	0.0	0.667	1.0	0.0	1.0	0.84	52.7	-30.1	-43.4	53.0	235	0.0	0.667	1.0					
245	231	236	0.0	0.65	1.0	50.7	-21.8	-48.2	52.9	245	0.0	0.958	1.0	53.1	-32.5	-40.2	51.8	231	0.0	0.65	1.0	0.0	1.0	0.82	52.6	-29.5	-44.1	53.2	236	0.0	0.65	1.0					
246	232	237	0.0	0.633	1.0	50.4	-20.8	-48.5	52.8	246	0.0	0.926	1.0	52.9	-32.0	-41.0	52.1	232	0.0	0.633	1.0	0.0	1.0	0.8	52.6	-29.0	-44.7	53.4	237	0.0	0.633	1.0					
247	233	237	0.0	0.616	1.0	50.0	-19.8	-48.6	52.5	247	0.0	0.894	1.0	52.8	-31.4	-41.7	52.4	233	0.0	0.617	1.0	0.0	1.0	0.78	52.6	-28.4	-45.4	53.7	237	0.0	0.617	1.0					
248	234	238	0.0	0.6	1.0	49.4	-18.9	-48.6	52.2	248	0.0	0.866	1.0	52.7	-30.8	-42.5	52.6	234	0.0	0.6	1.0	0.0	1.0	0.761	52.6	-27.8	-46.0	53.9	238	0.0	0.6	1.0					
249	235	239	0.0	0.583	1.0	48.9	-17.9	-48.6	51.8	249	0.0	0.845	1.0	52.7	-30.2	-43.2	52.9	235	0.0	0.583	1.0	0.0	1.0	0.743	52.5	-27.0	-46.5	54.0	239	0.0	0.583	1.0					
250	236	240	0.0	0.566	1.0	48.4	-17.0	-48.6	51.5	250	0.0	0.823	1.0	52.6	-29.6	-44.0	53.2	236	0.0	0.567	1.0	0.0	1.0	0.729	52.2	-26.2	-46.8	53.8	240	0.0	0.567	1.0					
251	237	241	0.0	0.55	1.0	47.8	-16.0	-48.6	51.2	251	0.0	0.802	1.0	52.6	-29.0	-44.7	53.4	237	0.0	0.55	1.0	0.0	1.0	0.714	51.9	-25.4	-47.1	53.7	241	0.0	0.55	1.0					
252	238	242	0.0	0.533	1.0	47.3	-15.1	-48.5	50.8	252	0.0	0.78	1.0	52.6	-28.3	-45.4	53.7	238	0.0	0.533	1.0	0.0	1.0	0.7	51.7	-24.6	-47.4	53.5	242	0.0	0.533	1.0					
253	239	243	0.0	0.516	1.0	46.8	-14.1	-48.5	50.5	253	0.0	0.758	1.0	52.6	-27.7	-46.1	53.9	239	0.0	0.517	1.0	0.0	1.0	0.686	51.4	-23.8	-47.6	53.4	243	0.0	0.517	1.0					
254	240	244	0.0	0.5	1.0	46.2	-13.2	-48.4	50.2	254	0.0	0.74	1.0	52.4	-26.9	-46.6	53.9	240	0.0	0.5	1.0	0.0	1.0	0.671	51.1	-22.9	-47.9	53.2	244	0.0	0.5	1.0					
255	241	245	0.0	0.483	1.0	45.6	-12.2	-48.4	50.0	255	0.0	0.724	1.0	52.1	-26.0	-46.9	53.8	241	0.0	0.483	1.0	0.0	1.0	0.657	50.9	-22.1	-48.1	53.1	245	0.0	0.483	1.0					
256	242	246	0.0	0.466	1.0	44.9	-11.2	-48.5	49.8	256	0.0	0.709	1.0	51.8	-25.1	-47.2	53.6	242	0.0	0.467	1.0	0.0	1.0	0.642	50.6	-21.3	-48.3	52.9	246	0.0	0.467	1.0					
258	243	247	0.0	0.45	1.0	44.3	-10.2	-48.5	49.5	258	0.0	0.693	1.0	51.5	-24.2	-47.5	53.4	243	0.0	0.45	1.0	0.0	1.0	0.628	50.3	-20.4	-48.5	52.8	247	0.0	0.45	1.0					
259	244	248	0.0	0.433	1.0	43.6	-9.2	-48.5	49.3	259	0.0	0.677	1.0	51.2	-23.3	-47.8	53.3	244	0.0	0.433	1.0	0.0	1.0	0.613	49.9	-19.6	-48.6	52.5	248	0.0	0.433	1.0					
260	245	248	0.0	0.416	1.0	43.0	-8.1	-48.4	49.1	260	0.0	0.661	1.0	50.9	-22.3	-48.0	53.1	245	0.0	0.417	1.0	0.0	1.0	0.597	49.4	-18.7	-48.6	52.2	248	0.0	0.417	1.0					
261	246	249	0.0	0.4	1.0	42.3	-7.1	-48.4	48.9	261	0.0	0.645	1.0	50.6	-21.4	-48.3	52.9	246	0.0	0.4	1.0	0.0	1.0	0.582	48.9	-17.8	-48.6	51.9	249	0.0	0.4	1.0					
262	247	250	0.0	0.383	1.0	41.7	-6.2	-48.3	48.7	262	0.0	0.629	1.0	50.3	-20.5	-48.5	52.8	247	0.0	0.383	1.0	0.0	1.0	0.566	48.4	-16.9	-48.6	51.6	250	0.0	0.383	1.0					
264	248	251	0.0	0.366	1.0	41.0	-5.0	-48.3	48.6	264	0.0	0.613	1.0	49.9	-19.6	-48.6	52.5	248	0.0	0.367	1.0	0.0	1.0	0.551	47.9	-16.0	-48.5	51.2	251	0.0	0.367	1.0					
265	249	252	0.0	0.35	1.0	40.3	-3.8	-48.3	48.5	265	0.0	0.596	1.0	49.3	-18.6	-48.6	52.1	249	0.0	0.35	1.0	0.0	1.0	0.536	47.4	-15.2	-48.5	50.9	252	0.0	0.35	1.0					
267	250	253	0.0	0.333	1.0	39.6	-2.5	-48.3	48.4	267	0.0	0.579	1.0	48.8	-17.6	-48.6	51.8	250	0.0	0.333	1.0																

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 $RYGCBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{dd361Mi} (x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi} (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$	$dex361Mi (x=LabCh)$	$rgb^*_{dd361Mi}$	$LAB^*_{de361Mi}$
274	255	258	0.0	0.25 1.0	36.0	3.7	-47.8 47.9	274		0.0	0.25 1.0
276	256	258	0.0	0.233 1.0	35.8	5.1	-47.4 47.7	276		0.0	0.233 1.0
278	257	259	0.0	0.216 1.0	35.6	6.6	-47.1 47.5	278		0.0	0.217 1.0
279	258	260	0.0	0.2 1.0	35.4	8.0	-46.7 47.3	279		0.0	0.2 1.0
281	259	261	0.0	0.183 1.0	35.2	9.4	-46.2 47.1	281		0.0	0.183 1.0
283	260	262	0.0	0.166 1.0	35.0	10.8	-45.7 47.0	283		0.0	0.167 1.0
285	261	263	0.0	0.15 1.0	34.8	12.1	-45.2 46.8	285		0.0	0.15 1.0
286	262	264	0.0	0.133 1.0	34.6	13.5	-44.6 46.6	286		0.0	0.133 1.0
288	263	265	0.0	0.116 1.0	34.3	14.7	-44.2 46.6	288		0.0	0.117 1.0
289	264	266	0.0	0.1 1.0	34.0	16.0	-44.0 46.8	289		0.0	0.1 1.0
291	265	267	0.0	0.083 1.0	33.7	17.2	-43.8 47.0	291		0.0	0.083 1.0
292	266	268	0.0	0.066 1.0	33.3	18.4	-43.5 47.2	292		0.0	0.067 1.0
294	267	269	0.0	0.049 1.0	33.0	19.7	-43.2 47.5	294		0.0	0.05 1.0
296	268	269	0.0	0.033 1.0	32.7	20.9	-42.9 47.7	296		0.0	0.033 1.0
297	269	270	0.0	0.016 1.0	32.4	22.1	-42.5 47.9	297		0.0	0.017 1.0
299	270	271	0.0	0.0 1.0	32.1	23.3	-42.1 48.1	299		0.0	0.0 1.0
300	271	272	0.016 0.0	1.0	32.0	24.4	-41.7 48.3	300		0.0	0.017 1.0
301	272	273	0.033 0.0	1.0	31.9	25.4	-41.4 48.6	301		0.0	0.033 0.0
302	273	274	0.05 0.0	1.0	31.8	26.5	-41.0 48.8	302		0.0	0.05 0.0
304	274	275	0.066 0.0	1.0	31.7	27.5	-40.6 49.0	304		0.0	0.067 0.0
305	275	276	0.083 0.0	1.0	31.6	28.5	-40.1 49.2	305		0.0	0.083 0.0
306	276	277	0.1 0.0	1.0	31.5	29.5	-39.6 49.5	306		0.1	0.0 1.0
308	277	278	0.116 0.0	1.0	31.4	30.6	-39.1 49.7	308		0.117 0.0	1.0
309	278	279	0.133 0.0	1.0	31.3	31.6	-38.6 49.9	309		0.133 0.0	1.0
310	279	280	0.15 0.0	1.0	31.2	32.6	-38.0 50.1	310		0.15 0.0	1.0
311	280	281	0.166 0.0	1.0	31.2	33.7	-37.4 50.3	311		0.167 0.0	1.0
313	281	282	0.183 0.0	1.0	31.1	34.7	-36.8 50.6	313		0.183 0.0	1.0
314	282	283	0.2 0.0	1.0	31.1	35.7	-36.1 50.8	314		0.2 0.0	1.0
315	283	284	0.216 0.0	1.0	31.0	36.7	-35.4 51.0	315		0.217 0.0	1.0
317	284	285	0.233 0.0	1.0	30.9	37.6	-34.7 51.2	317		0.233 0.0	1.0
318	285	286	0.25 0.0	1.0	30.9	38.6	-34.0 51.4	318		0.25 0.0	1.0
319	286	287	0.266 0.0	1.0	31.2	39.5	-33.6 51.9	319		0.267 0.0	1.0
320	287	287	0.283 0.0	1.0	31.5	40.4	-33.3 52.4	320		0.283 0.0	1.0
321	288	288	0.3 0.0	1.0	31.9	41.3	-32.9 52.9	321		0.3 0.0	1.0
322	289	289	0.316 0.0	1.0	32.2	42.2	-32.5 53.3	322		0.317 0.0	1.0
323	290	290	0.333 0.0	1.0	32.6	43.2	-32.1 53.8	323		0.333 0.0	1.0
324	291	291	0.35 0.0	1.0	32.9	44.1	-31.7 54.3	324		0.35 0.0	1.0
325	292	292	0.366 0.0	1.0	33.2	45.0	-31.2 54.8	325		0.367 0.0	1.0
326	293	293	0.383 0.0	1.0	33.6	45.7	-30.8 55.1	326		0.383 0.0	1.0
326	294	294	0.4 0.0	1.0	33.9	46.3	-30.3 55.4	326		0.4 0.0	1.0
327	295	295	0.416 0.0	1.0	34.2	46.9	-29.8 55.6	327		0.417 0.0	1.0
328	296	296	0.433 0.0	1.0	34.5	47.5	-29.3 55.8	328		0.433 0.0	1.0
329	297	297	0.45 0.0	1.0	34.8	48.1	-28.8 56.0	329		0.45 0.0	1.0
329	298	298	0.466 0.0	1.0	35.2	48.6	-28.3 56.3	329		0.467 0.0	1.0
330	299	299	0.483 0.0	1.0	35.5	49.2	-27.7 56.5	330		0.483 0.0	1.0
331	300	300	0.5 0.0	1.0	35.8	49.8	-27.2 56.7	331		0.5 0.0	1.0

RE750-73 1-1131431-L0

LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nmw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmy6*, D65, page 15/33

TUB-test chart RE75; 1080 standard colours, $cf=0.9$
48 step hue circles; $rgb-LabCh$ *tables

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmy0^*_{de}$

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

[illegible]

TUB registration: 20150701-RE75/RE75L0FA.TXT / PS TUB material
 application for measurement of laser printer output, separation cmy0* (CMY0)

TUB-test chart RE75; 1080 standard colours, $cf=0,9$
48 step hue circles; $rgb-LabCh^*$ tables

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmy0^*_{de}$

Output: Offset standard print; separation cmyn6*, D65, page 16/30

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

Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{dsx361Mi}(x=LabCh)$	$rgb^*_{ds361Mi}$	$rgb^*_{de361Mi}$	$LAB^*_{dex361Mi}(x=LabCh)$	$rgb^*_{dd361Mi}$	$rgb^*_{dd361Mi}$	rgb^*_{ds}	rgb^*_{de}														
359	345	342	1.0	0.0	0.75	46.3	66.8	-1.0	66.8	359	0.815	0.0	1.0	43.1	62.4	-16.6	64.6	345	1.0	0.0	0.75						
360	346	343	1.0	0.0	0.733	46.2	66.6	0.0	66.6	360	0.844	0.0	1.0	43.7	63.5	-15.7	65.4	346	1.0	0.0	0.733						
360	347	344	1.0	0.0	0.716	46.2	66.3	1.0	66.3	360	0.873	0.0	1.0	44.2	64.5	-14.8	66.2	347	1.0	0.0	0.717						
361	348	345	1.0	0.0	0.7	46.2	65.9	2.1	66.0	361	0.897	0.0	1.0	44.8	65.6	-13.8	67.0	348	1.0	0.0	0.7						
362	349	346	1.0	0.0	0.683	46.2	65.6	3.1	65.7	362	0.921	0.0	1.0	45.5	66.6	-12.8	67.8	349	1.0	0.0	0.683						
363	350	347	1.0	0.0	0.666	46.1	65.3	4.2	65.4	363	0.945	0.0	1.0	46.1	67.6	-11.8	68.7	350	1.0	0.0	0.667						
364	351	348	1.0	0.0	0.65	46.1	64.9	5.2	65.1	364	0.968	0.0	1.0	46.8	68.7	-10.8	69.5	351	1.0	0.0	0.65						
365	352	349	1.0	0.0	0.633	46.1	64.5	6.2	64.8	365	0.992	0.0	1.0	47.4	69.7	-9.7	70.3	352	1.0	0.0	0.633						
366	353	350	1.0	0.0	0.616	46.1	64.2	7.2	64.6	366	1.0	0.0	0.942	47.3	69.9	-8.5	70.4	353	1.0	0.0	0.617						
367	354	351	1.0	0.0	0.6	46.1	63.8	8.3	64.3	367	1.0	0.0	0.87	46.9	69.7	-7.2	70.0	354	1.0	0.0	0.6						
368	355	352	1.0	0.0	0.583	46.1	63.5	9.3	64.1	368	1.0	0.0	0.846	46.8	69.2	-6.0	69.4	355	1.0	0.0	0.583						
369	356	353	1.0	0.0	0.566	46.0	63.1	10.3	63.9	369	1.0	0.0	0.823	46.7	68.6	-4.7	68.8	356	1.0	0.0	0.567						
370	357	354	1.0	0.0	0.55	46.0	62.7	11.3	63.7	370	1.0	0.0	0.799	46.6	68.1	-3.5	68.2	357	1.0	0.0	0.55						
371	358	355	1.0	0.0	0.533	46.0	62.3	12.3	63.5	371	1.0	0.0	0.776	46.5	67.5	-2.3	67.6	358	1.0	0.0	0.533						
372	359	356	1.0	0.0	0.516	46.0	61.9	13.3	63.3	372	1.0	0.0	0.753	46.3	67.0	-1.1	67.0	359	1.0	0.0	0.517						
373	360	352	1.0	0.0	0.5	46.0	61.4	14.2	63.1	373	1.0	0.0	0.734	46.3	66.6	0.0	66.6	360	1.0	0.0	0.5						
374	361	353	1.0	0.0	0.483	46.0	61.3	15.3	63.1	374	1.0	0.0	0.716	46.3	66.3	1.2	66.3	361	1.0	0.0	0.483						
374	362	354	1.0	0.0	0.466	46.0	61.1	16.3	63.2	374	1.0	0.0	0.697	46.2	65.9	2.3	66.0	362	1.0	0.0	0.467						
375	363	355	1.0	0.0	0.45	45.9	60.9	17.4	63.3	375	1.0	0.0	0.679	46.2	65.6	3.4	65.7	363	1.0	0.0	0.45						
376	364	356	1.0	0.0	0.433	45.9	60.7	18.4	63.4	376	1.0	0.0	0.661	46.2	65.2	4.6	65.4	364	1.0	0.0	0.433						
377	365	357	1.0	0.0	0.416	45.9	60.4	19.5	63.5	377	1.0	0.0	0.643	46.2	64.8	5.7	65.0	365	1.0	0.0	0.417						
378	366	358	1.0	0.0	0.4	45.9	60.2	20.5	63.6	378	1.0	0.0	0.625	46.1	64.4	6.8	64.7	366	1.0	0.0	0.4						
379	367	359	1.0	0.0	0.383	45.8	59.9	21.5	63.7	379	1.0	0.0	0.607	46.1	64.0	7.9	64.5	367	1.0	0.0	0.383						
380	368	360	1.0	0.0	0.366	45.8	59.7	22.5	63.9	380	1.0	0.0	0.59	46.1	63.6	8.9	64.3	368	1.0	0.0	0.367						
381	369	362	1.0	0.0	0.35	45.9	59.6	23.5	64.1	381	1.0	0.0	0.572	46.1	63.2	10.0	64.0	369	1.0	0.0	0.35						
382	370	363	1.0	0.0	0.333	46.0	59.5	24.5	64.4	382	1.0	0.0	0.554	46.1	62.8	11.1	63.8	370	1.0	0.0	0.333						
383	371	364	1.0	0.0	0.316	46.0	59.4	25.5	64.7	383	1.0	0.0	0.537	46.1	62.4	12.1	63.6	371	1.0	0.0	0.317						
384	372	365	1.0	0.0	0.3	46.1	59.3	26.5	64.9	384	1.0	0.0	0.519	46.1	62.0	13.2	63.4	372	1.0	0.0	0.3						
384	373	366	1.0	0.0	0.283	46.2	59.1	27.5	65.2	384	1.0	0.0	0.501	46.1	61.5	14.2	63.1	373	1.0	0.0	0.283						
385	374	367	1.0	0.0	0.266	46.2	58.9	28.5	65.5	385	1.0	0.0	0.484	46.0	61.3	15.3	63.2	374	1.0	0.0	0.267						
386	375	368	1.0	0.0	0.25	46.3	58.7	29.5	65.8	386	1.0	0.0	0.467	46.0	61.1	16.4	63.3	375	1.0	0.0	0.25						
387	376	369	1.0	0.0	0.233	46.4	58.8	30.4	66.2	387	1.0	0.0	0.449	46.0	60.9	17.5	63.4	376	1.0	0.0	0.233						
387	377	370	1.0	0.0	0.216	46.4	58.8	31.2	66.6	387	1.0	0.0	0.432	46.0	60.7	18.6	63.5	377	1.0	0.0	0.217						
388	378	372	1.0	0.0	0.2	46.5	58.8	32.1	67.0	388	1.0	0.0	0.414	45.9	60.4	19.6	63.6	378	1.0	0.0	0.2						
389	379	373	1.0	0.0	0.183	46.5	58.8	33.0	67.4	389	1.0	0.0	0.397	45.9	60.2	20.7	63.6	379	1.0	0.0	0.183						
389	380	374	1.0	0.0	0.166	46.6	58.8	33.8	67.8	389	1.0	0.0	0.38	45.9	59.9	21.8	63.7	380	1.0	0.0	0.167						
390	381	375	1.0	0.0	0.15	46.6	58.8	34.7	68.3	390	1.0	0.0	0.361	45.9	59.7	22.9	64.0	381	1.0	0.0	0.15						
391	382	376	1.0	0.0	0.133	46.7	58.7	35.6	68.7	391	1.0	0.0	0.341	46.0	59.6	24.1	64.3	382	1.0	0.0	0.133						
391	383	377	1.0	0.0	0.116	46.7	58.7	36.3	69.1	391	1.0	0.0	0.322	46.1	59.5	25.3	64.6	383	1.0	0.0	0.117						
392	384	378	1.0	0.0	0.1	46.7	58.8	36.8	69.4	392	1.0	0.0	0.302	46.2	59.3	26.4	64.9	384	1.0	0.0	0.1						
392	385	379	1.0	0.0	0.083	46.8	58.9	37.4	69.7	392	1.0	0.0	0.283	46.2	59.1	27.6	65.3	385	1.0	0.0	0.083						
392	386	381	1.0	0.0	0.066	46.8	58.9	37.9	70.1	392	1.0	0.0	0.264	46.3	58.9	28.7	65.6	386	1.0	0.0	0.067						
393	387	382	1.0	0.0	0.049	46.9	59.0	38.5	70.4	393	1.0	0.0	0.242	46.4	58.8	30.0	66.0	387	1.0	0.0	0.05						
393	388	383	1.0	0.0	0.033	46.9	59.0	39.0	70.8	393	1.0	0.0	0.216	46.5	58.8	31.3	66.6	388	1.0	0.0	0.033						
393	389	384	1.0	0.0	0.016	47.0	59.1	39.6	71.1	393	1.0	0.0	0.191	46.5	58.9	32.6	67.3	389	1.0	0.0	0.017						
394	390	385	1.0	0.0	0.0	47.0	59.1	40.1	71.5	394	R_d	1.0	0.0	0.165	46.6	58.8	34.0	67.9	390	R_s	1.0	0.0	0.0				
												1.0	0.0	0.274	46.3	59.1	28.1	65.4	385	R_c	1.0	0.0	0.0				

RE750-73

1-1131631-L0

LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmyk6*, D65, page 17/36

TUB-test chart RE75; 1080 standard colours, $cf=0,9$
48 step hue circles; *rgb-LabCh**tables

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmy0^*_{de}$

1-1131631-F0

TUB registration: 20150701-RE75/RE75L0FA.TXT /.PSS
 application for measurement of laser printer output, sepa

TUB material: code=rh4ta
my0* (CMY0)

see similar files: <http://130.149.60.45/~farbmetrik/RE75/RE75.HTM>
technical information: <http://www.ps.barn.de> or <http://130.149.60.45/>

k

[illegible]

see similar files: <http://130.149.60.45/~farbmatrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

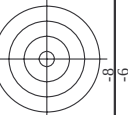


TUB material: code=rha4ta
cm0* (CMY0)

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmy0^*_{de}$

[illegible]

n=F		HVC*File	rgb*File	LabCH*File	rgb*File	LabCH*File	rgb*File	LabCH*File	DF*File	rgb*File	LabCH*File
1	0	NW 0000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0	BOOR.012.012a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0	0.0
3	0	BOOR.025.025a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0	0.0
4	0	BOOR.037.037a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0
5	0	BOOR.050.050a	0.0	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0
6	0	BOOR.062.062a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0
7	0	BOOR.075.075a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0
8	0	BOOR.087.087a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0	0.0
9	0	BOOR.100.100a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0
10	0	BOOR.012.012a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0	0.0
11	0	G50B.012.012a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0	0.0
12	0	G50B.025.025a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0	0.0
13	0	G50B.037.037a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0
14	0	G50B.050.050a	0.0	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0
15	0	G50B.062.062a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0
16	0	G50B.075.075a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0
17	0	G50B.087.087a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0	0.0
18	0	G50B.100.100a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0
19	0	G50B.012.012a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0	0.0
20	0	G50B.025.025a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0	0.0
21	0	G50B.037.037a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0
22	0	G50B.050.050a	0.0	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0
23	0	G50B.062.062a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0
24	0	G50B.075.075a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0
25	0	G50B.087.087a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0	0.0
26	0	G50B.100.100a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0
27	0	G50B.012.012a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0	0.0
28	0	G50B.025.025a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0	0.0
29	0	G50B.037.037a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0
30	0	G50B.050.050a	0.0	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0
31	0	G50B.062.062a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0
32	0	G50B.075.075a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0
33	0	G50B.087.087a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0	0.0
34	0	G50B.100.100a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0
35	0	G50B.012.012a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0	0.0
36	0	G50B.025.025a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0	0.0
37	0	G50B.037.037a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0
38	0	G50B.050.050a	0.0	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0
39	0	G50B.062.062a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0
40	0	G50B.075.075a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0
41	0	G50B.087.087a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0	0.0
42	0	G50B.100.100a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0
43	0	G50B.012.012a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0	0.0
44	0	G50B.025.025a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0	0.0
45	0	G50B.037.037a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0
46	0	G50B.050.050a	0.0	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0
47	0	G50B.062.062a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0
48	0	G50B.075.075a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0
49	0	G50B.087.087a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0	0.0
50	0	G50B.100.100a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0
51	0	G50B.012.012a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0	0.0
52	0	G50B.025.025a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0	0.0
53	0	G50B.037.037a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0
54	0	G50B.050.050a	0.0	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0
55	0	G50B.062.062a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0
56	0	G50B.075.075a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0
57	0	G50B.087.087a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0	0.0
58	0	G50B.100.100a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0
59	0	G50B.012.012a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0	0.0
60	0	G50B.025.025a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0	0.0
61	0	G50B.037.037a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0
62	0	G50B.050.050a	0.0	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0
63	0	G50B.062.062a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0
64	0	G50B.075.075a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0
65	0	G50B.087.087a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0	0.0
66	0	G50B.100.100a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0
67	0	G50B.012.012a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0	0.0
68	0	G50B.025.025a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0	0.0
69	0	G50B.037.037a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0
70	0	G50B.050.050a	0.0	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0
71	0	G50B.062.062a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0
72	0	G50B.075.075a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0
73	0	G50B.087.087a	0.0	0.875	0.875	0.437	0.0	0.0	0.0	0.0	0.0
74	0	G50B.100.100a	0.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0
75	0	G50B.012.012a	0.0	0.125	0.125	0.062	0.0	0.0	0.0	0.0	0.0
76	0	G50B.025.025a	0.0	0.25	0.25	0.125	0.0	0.0	0.0	0.0	0.0
77	0	G50B.037.037a	0.0	0.375	0.375	0.187	0.0	0.0	0.0	0.0	0.0
78	0	G50B.050.050a	0.0	0.5	0.5	0.25	0.0	0.0	0.0	0.0	0.0
79	0	G50B.062.062a	0.0	0.625	0.625	0.312	0.0	0.0	0.0	0.0	0.0
80	0	G50B.075.075a	0.0	0.75	0.75	0.375	0.0	0.0	0.0	0.0	0.0



TUB material: code=rha4ta
cmv0* (CMY0)

TUB-test chart RE75; 1080 standard colours, $cf=0,9$
colors and differences, ΔE^*

1-1132031-F0	RE750-7N, Page 21/33-F	RE750-7N, Page 21/33-F
--------------	------------------------	------------------------

RE750-7N, Page 21/33-F

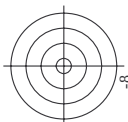
RE750-7N, Page 21/33-F

http://130.149.60.45/~farbmatrik/RE75/RE75L0FA.TXT /PS; 3D-linearization
F: 3D-linearization RE75/RE75LE30FA.DAT in file (F), page 27/33

TUB-test chart RE75; 1080 standard colours, $cf=0.9$

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmy0^*_{de}$

[illegible]



TUB material: code=rha4ta
cm0* (CMY0)

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmy0^*_{de}$

TUB-test chart RE75; 1080 standard colours, $cf=0,9$

1133231-F0

-1133231-E0

REF750-7N Page 33/33-F

1

1

1

—

1

750-

1

1

1

1

see similar files: <http://130.149.60.45/~farbmatrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

[illegible]