

RE750-7N\_RGB 1-103031-L0

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

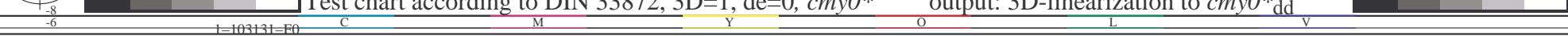
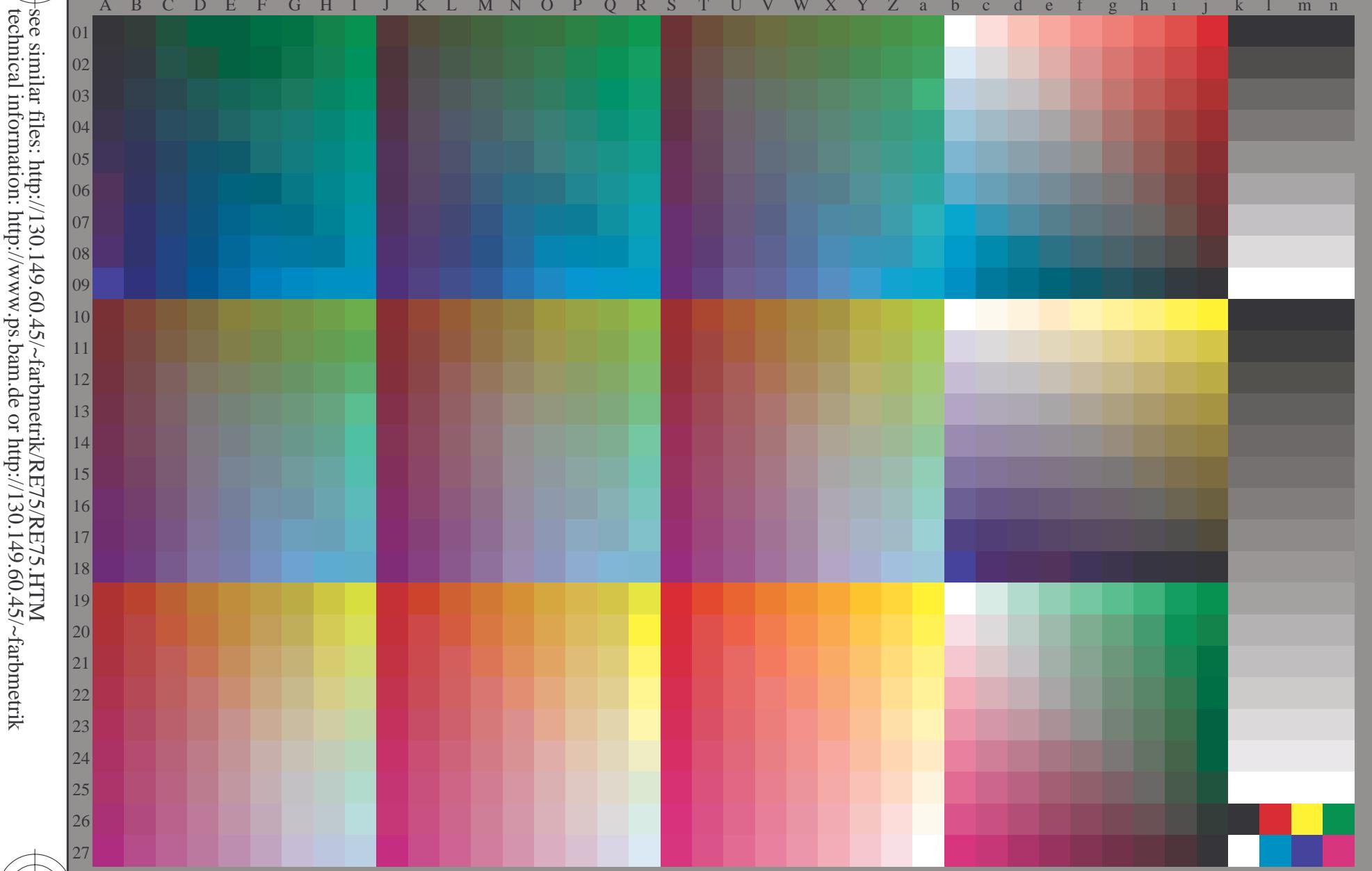
TUB-test chart RE75; 1080 standard colours,  $cf=0.9$   
 Test chart according to DIN 33872

input:  $rgb/cmyk \rightarrow rgb/cmyk$   
 output: no change

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

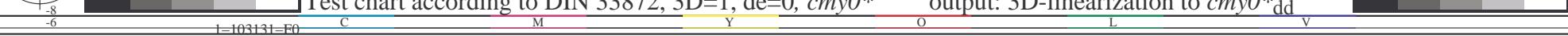
TUB material: code=rha4ta

v L o Y M C  
<http://130.149.60.45/~farbmefrik/RE75/RE75L0FA.TXT/.PS>; 3D-linearization  
 F: 3D-linearization RE75/RE75LE30FA.DAT in file (F), page 2/33



TUB-test chart RE75; 1080 standard colours, cf=0,9  
Test chart according to DIN 33872, 3D=1, de=0, cmy0\*

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



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

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

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



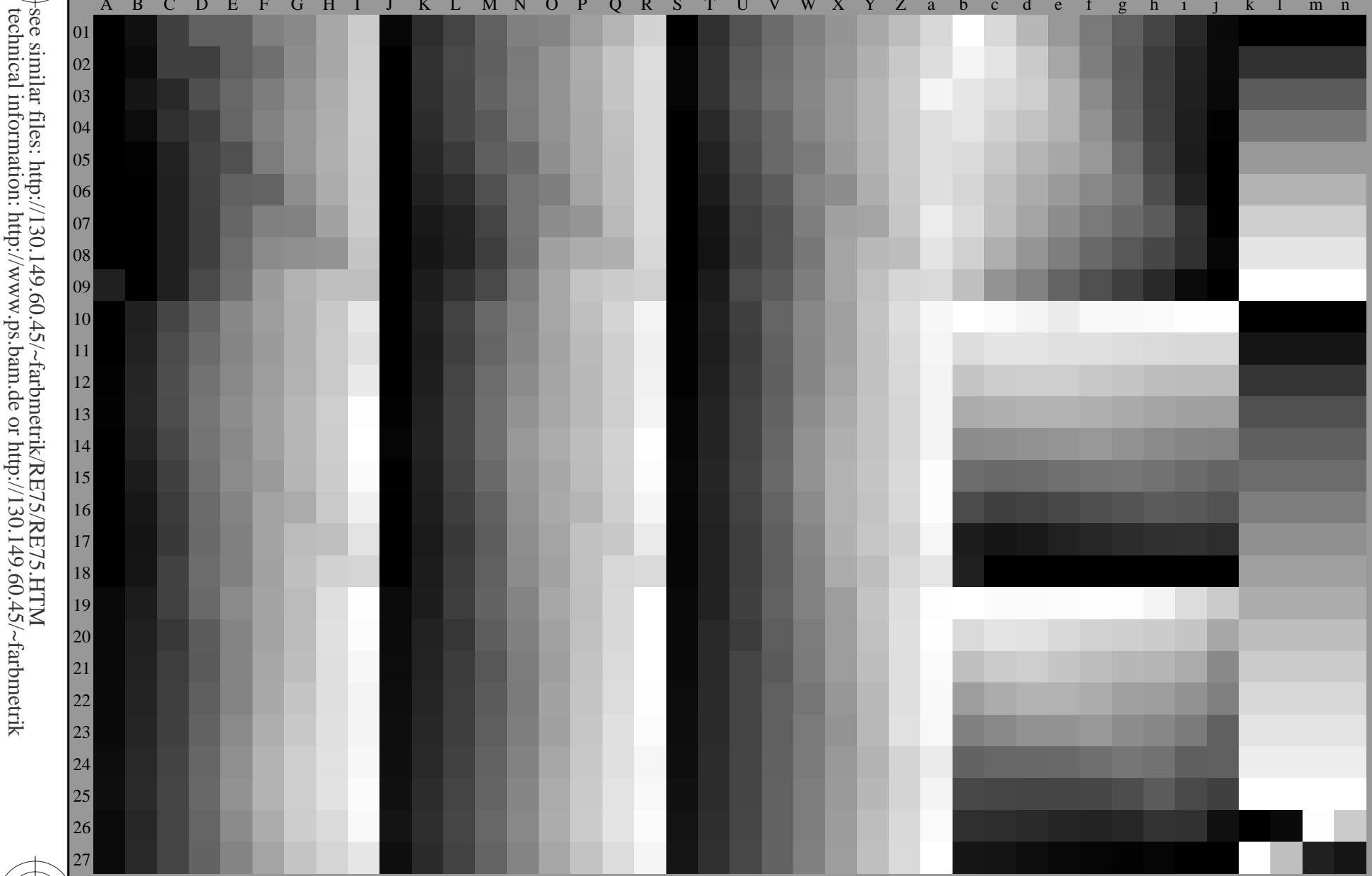
RE750\_72

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



RE750-72

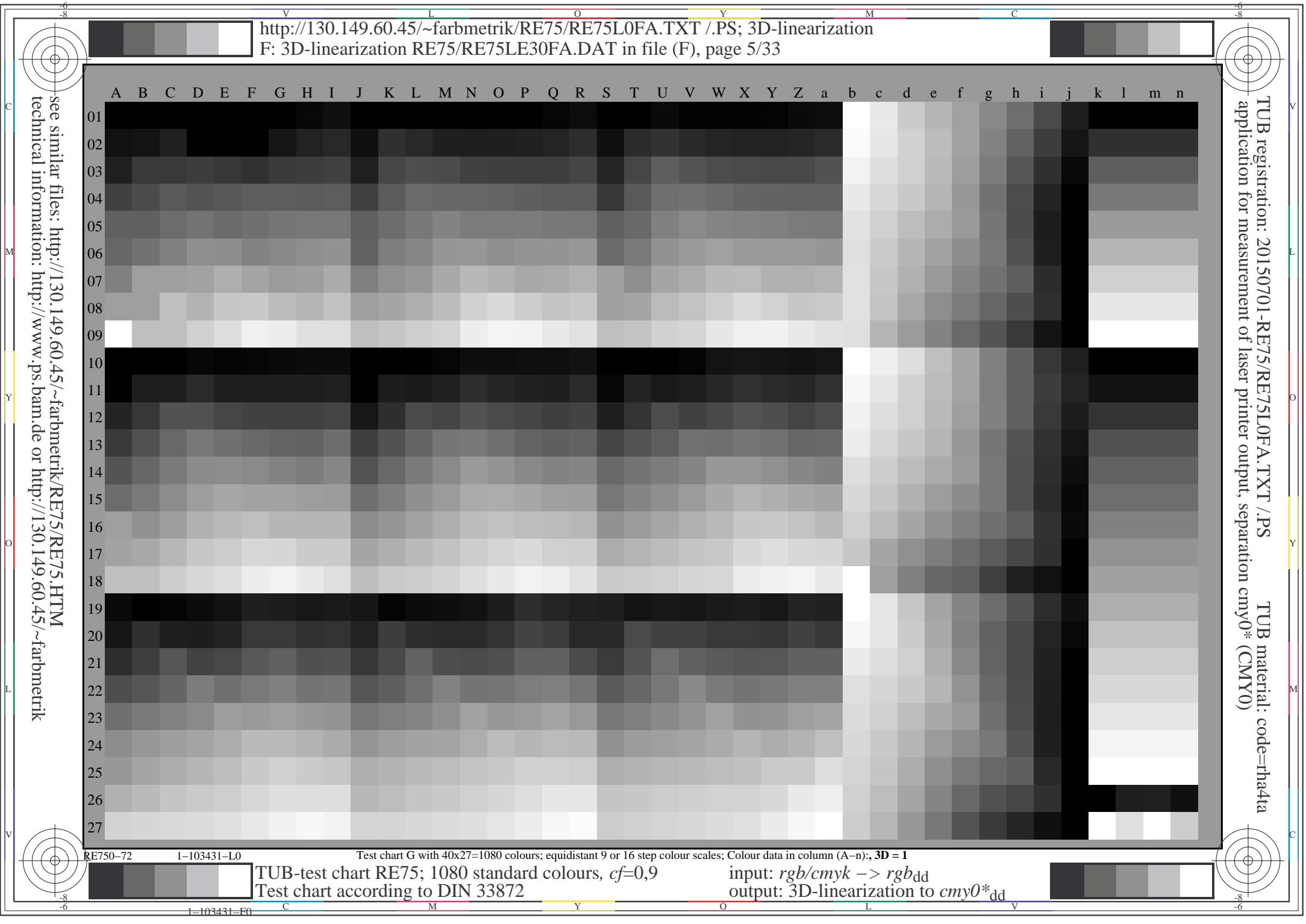
1-103331-L0

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

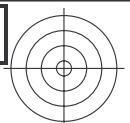
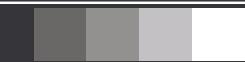
TUB-test chart RE75; 1080 standard colours,  $cf=0.9$   
Test chart according to DIN 33872

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

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



TUB registration: 20150701-RE75/RE75L0FA.TXT /.PS  
TUB material: code=rha4ta  
application for measurement of laser printer output, separation cmy0\* (CMY0)  
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see similar files: http://130.149.60.45/~farbmertik/RE75/RE75.HTM  
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmertik



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

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J=Y<sub>d</sub> 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<sub>d</sub> 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<sub>d</sub> cyan-blue  
 $LCH^*d = 53.2 \ 51.4 \ 229.6$   
 $LAB^*d = 53.2 \ -33.3 \ -39.2$   
 $rgb^*d = 0.0 \ 1.0 \ 1.0$

device CIELAB ( $a^*d, b^*d$ ) chroma diagram

O=R<sub>d</sub> 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<sub>d</sub> 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<sub>d</sub> 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<sub>s</sub> 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<sub>s</sub> 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<sub>s</sub> 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<sub>s</sub> 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<sub>s</sub> 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<sub>s</sub> blue  
 $LCH^*_s = 38.1 \ 48.2 \ 270.0$   
 $LAB^*_s = 38.1 \ 0.0 \ -48.2$   
 $rgb^*ds = 0.0 \ 0.299 \ 1.0$

RE750-72

1-103631-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 7/33

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

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

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

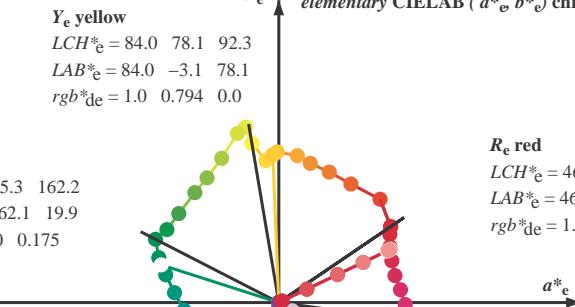
TUB material: code=rha4ta

Y<sub>e</sub> 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<sub>e</sub> 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<sub>e</sub> 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<sub>e</sub> 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<sub>e</sub> 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<sub>e</sub> blue-red  
 $LCH^*e = 34.6 \ 55.9 \ 328.6$   
 $LAB^*e = 34.6 \ 47.7 \ -29.1$   
 $rgb^*de = 0.439 \ 0.0 \ 1.0$

#### Notes to the CIELAB chroma diagrams ( $a^*d, b^*d$ ), ( $a^*_s, b^*_s$ ), ( $a^*_e, b^*_e$ )

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

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

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

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

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

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

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

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

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

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  $rgb^*$  produce the output of the device-independent elementary hues

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



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

$h_{ab,d}$	$h_{ab,s}$	$rgb^*dd64M$	$LAB^*ddx64M$ (x=LabCh)	$rgb^*ddx361M$	$LAB^*ddx361M$ (x=LabCh)	$rgb^*dsx361M$	$LAB^*dsx361M$ (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	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 0.031 0.0	48.5 58.1	43.8 72.8	37
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
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
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
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
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	70.8 19.4	72.6 75.1	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
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
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
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
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
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
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
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
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
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
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 -64.2	27.3 69.9	157
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
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
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
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
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
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
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
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
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	54.2 -35.2	-35.2 49.9	225
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
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
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
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
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
299.0	270.0	271.7	0.0 0.1 1.0	32.1 23.3	-42.1 48.1	299.0	0.0 0.1 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
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
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
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
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
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	307
342.7	315.0	314.3	0.75 0.0 1.0	41.8 60.0	-18.6 62.8	342.7	0.75 0.0 1.0	41.9 60.0	-18.6 62.9	342	0.204 0.0 1.0	31.1 36.0	-35.9 50.9	315
347.0	322.5	321.4	0.875 0.0 1.0	44.2 64.5	-14.8 66.2	347.0	0.867 0.0 1.0	44.1 64.3	-15.0 66.0	346	0.31 0.0 1.0	32.1 41.9	-32.6 53.2	322
352.3	330.0	328.6	1.0 0.0 0.1	47.6 69.9	-9.4 70.6	352.3	1.0 0.0 0.1	47.7 70.0	-9.3 70.6	352	0.47 0.0 1.0	35.3 48.8	-28.1 56.4	330
353.7	337.5	335.7	1.0 0.0 0.1	47.5 69.7	-7.6 70.1	353.7	1.0 0.0 0.1	48.3 69.8	-7.6 70.2	353	0.612 0.0 1.0	38.7 54.2	-22.9 58.9	337
359.1	345.0	342.8	1.0 0.0 0.1	47.3 66.8	-1.0 66.8	359.1	1.0 0.0 0.1	47.5 66.9	-0.9 66.9	359	0.815 0.0 1.0	40.3 44.0	-16.6 64.6	345
365.9	352.5	349.9	1.0 0.0 0.1	46.5 64.3	6.7 64.7	365.9	1.0 0.0 0.1	46.3 64.6	6.3 64.9	365	0.992 0.0 1.0	47.4 69.7	-9.7 70.3	352
373.0	360.0	357.0	1.0 0.0 0.1	46.0 61.4	14.2 63.1	373.0	1.0 0.0 0.1	45.5 61.5	14.3 63.1	373	0.0 0.734	46.3 66.6	0.0 66.6	360
380.2	367.5	364.1	1.0 0.0 0.1	47.5 45.8	59.8 22.0	380.2	1.0 0.0 0.1	47.8 45.9	60.0 21.6	379	0.0 0.607	46.1 64.0	7.9 64.5	367
386.6	375.0	371.2	1.0 0.0 0.1	46.3 58.7	29.5 65.8	386.6	1.0 0.0 0.1	46.4 58.8	29.6 65.8	386	0.0 0.467	46.0 61.1	16.4 63.3	375
391.5	382.5	378.3	1.0 0.0 0.1	46.7 58.7	36.0 68.9	391.5	1.0 0.0 0.1	46.3 58.8	35.6 68.7	391	0.0 0.341	46.0 59.6	24.1 64.3	376
394.1	390.0	385.4	1.0 0.0 0.1	47.0 59.1	40.1 71.5	394.1	1.0 0.0 0.1	47.1 59.2	40.2 71.5	394	0.0 0.165	46.6 58.8	34.0 67.9	390

RE750-72 1-I03731-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, 0.964, 0.0, 0.0, not adapted=adapted  
 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 8/33



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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd64M$	$LAB^*ddx64M$ (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	1.0 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	1.0 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	1.0 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	1.0 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	1.0 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	1.0 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	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	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	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	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	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	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	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	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	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	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	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	1.0 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	1.0 0.8	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	1.0 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	1.0 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	1.0 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	1.0 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	1.0 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	1.0 0.213 1.0	35.6 6.9	-46.9 47.5 278			
318.6	285.0	289.5	0.25 0.0 1.0	30.9 38.6 -34.0	51.4 318.6	318.6	1.0 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	1.0 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	1.0 0.015 0.0	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	1.0 0.101 0.0	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	1.0 0.197 0.0	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	1.0 0.292 0.0	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	1.0 0.44 0.0	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	1.0 0.577 0.0	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	1.0 0.753 0.0	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	1.0 0.932 0.0	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	1.0 0.993 0.0	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 0.736 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 0.576 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 0.439 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 0.274 46.3	59.1 28.1	65.4 385			

TUB registration: 20150701-RE75/RE75L0FA.TXT/.PS  
application for measurement of laser printer output, separation cmyn6\*, D65, page 9/33  
TUB material: code=rha4ta  
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  
1-103831-F0 C M Y O L V

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

TUB material: code=rha4ta  
 (CMY0)

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<sub>s</sub>;  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Six hue angles of the device colours RYGCBM<sub>d</sub>;  $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$ ; Six hue angles of the elementary colours RYGCBM<sub>e</sub>;  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361M$	$LAB^*ddx361Mi$ (x=LabCh)	$rgb^*ds361Mi$	$LAB^*dsx361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*de361Mi$	$LAB^*dex361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*dd$	$rgb^*ds$	$rgb^*de$			
34	30	25	1.0 0.0 0.0	47.0 59.1 40.1	71.5 34	$R_d$	1.0 0.0 0.165	46.6 58.8 34.0	67.9 30	$R_s$	1.0 0.0 0.0	0.274	46.3 59.1	28.1 65.4 25	$R_e$	1.0 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 0.139	46.7 58.8 35.3	68.6 31		1.0 0.017 0.0	0.252	46.4 58.8	29.4 65.8 26		1.0 0.017 0.0
37	32	27	1.0 0.033 0.0	48.6 58.0 44.0	72.8 37		1.0 0.0 0.103	46.8 58.8 36.8	69.4 32		1.0 0.033 0.0	0.224	46.4 58.8	30.9 66.5 27		1.0 0.033 0.0
38	33	28	1.0 0.05 0.0	49.4 57.3 46.0	73.5 38		1.0 0.0 0.056	46.9 59.0 38.3	70.4 33		1.0 0.05 0.0	0.195	46.5 58.9	32.4 67.2 28		1.0 0.05 0.0
40	34	29	1.0 0.066 0.0	50.2 56.6 47.9	74.2 40		1.0 0.0 0.008	47.0 59.2 39.9	71.4 34		1.0 0.067 0.0	0.167	46.6 58.8	33.9 67.9 29		1.0 0.067 0.0
41	35	31	1.0 0.083 0.0	51.0 55.8 49.8	74.8 41		1.0 0.009 0.0	47.5 58.9 41.2	71.9 35		1.0 0.083 0.0	0.138	46.7 58.8	35.4 68.6 31		1.0 0.083 0.0
43	36	32	1.0 0.1 0.0	51.8 55.0 51.7	75.5 43		1.0 0.02 0.0	48.0 58.5 42.5	72.3 36		1.0 0.1 0.0	0.096	46.8 58.9	37.0 69.5 32		1.0 0.1 0.0
44	37	33	1.0 0.116 0.0	52.6 54.0 53.6	76.2 44		1.0 0.031 0.0	48.5 58.1 43.8	72.8 37		1.0 0.117 0.0	0.043	46.9 59.1	38.8 70.6 33		1.0 0.117 0.0
46	38	34	1.0 0.133 0.0	53.5 52.6 55.3	76.3 46		1.0 0.042 0.0	49.1 57.7 45.1	73.2 38		1.0 0.133 0.0	0.002	47.2 59.1	40.5 71.6 34		1.0 0.133 0.0
48	39	35	1.0 0.15 0.0	54.6 50.6 56.5	75.9 48		1.0 0.053 0.0	49.6 57.2 46.4	73.7 39		1.0 0.15 0.0	0.015	47.8 58.7	41.9 72.1 35		1.0 0.15 0.0
49	40	36	1.0 0.166 0.0	55.6 48.5 57.7	75.4 49		1.0 0.064 0.0	50.1 56.8 47.6	74.1 40		1.0 0.167 0.0	0.027	48.3 58.3	43.3 72.6 36		1.0 0.167 0.0
51	41	37	1.0 0.183 0.0	56.6 46.5 58.9	75.0 51		1.0 0.075 0.0	50.7 56.3 48.9	74.5 41		1.0 0.183 0.0	0.039	48.9 57.8	44.7 73.1 37		1.0 0.183 0.0
53	42	38	1.0 0.2 0.0	57.7 44.4 59.9	74.6 53		1.0 0.086 0.0	51.2 55.7 50.2	75.0 42		1.0 0.2 0.0	0.051	49.5 57.3	46.2 73.6 38		1.0 0.2 0.0
55	43	39	1.0 0.216 0.0	58.7 42.3 60.9	74.2 55		1.0 0.097 0.0	51.7 55.2 51.4	75.4 43		1.0 0.217 0.0	0.064	50.1 56.8	47.6 74.1 39		1.0 0.217 0.0
56	44	41	1.0 0.233 0.0	59.7 40.2 61.8	73.8 56		1.0 0.108 0.0	52.2 54.6 52.7	75.9 44		1.0 0.233 0.0	0.076	50.7 56.2	49.0 74.6 41		1.0 0.233 0.0
58	45	42	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 0.25 0.0	0.088	51.3 55.6	50.4 75.1 42		1.0 0.25 0.0
60	46	43	1.0 0.266 0.0	61.6 36.6 63.6	73.4 60		1.0 0.129 0.0	53.3 53.1 55.0	76.4 46		1.0 0.267 0.0	0.1	51.9 55.0	51.8 75.6 43		1.0 0.267 0.0
61	47	44	1.0 0.283 0.0	62.4 35.2 64.6	73.5 61		1.0 0.139 0.0	53.9 52.0 55.7	76.2 47		1.0 0.283 0.0	0.113	52.5 54.3	53.2 76.0 44		1.0 0.283 0.0
62	48	45	1.0 0.3 0.0	63.2 33.7 65.4	73.6 62		1.0 0.148 0.0	54.5 50.8 56.4	76.0 48		1.0 0.3 0.0	0.125	53.0 53.6	54.6 76.5 45		1.0 0.3 0.0
64	49	46	1.0 0.316 0.0	64.0 32.1 66.3	73.7 64		1.0 0.158 0.0	55.1 49.7 57.1	75.7 49		1.0 0.317 0.0	0.135	53.7 52.4	55.5 76.3 46		1.0 0.317 0.0
65	50	47	1.0 0.333 0.0	64.8 30.6 67.1	73.8 65		1.0 0.167 0.0	55.7 48.5 57.8	75.5 50		1.0 0.333 0.0	0.146	54.4 51.1	56.3 76.0 47		1.0 0.333 0.0
66	51	48	1.0 0.35 0.0	65.6 29.0 67.9	73.9 66		1.0 0.177 0.0	56.3 47.4 58.5	75.2 51		1.0 0.35 0.0	0.157	55.0 49.8	57.1 75.8 48		1.0 0.35 0.0
68	52	49	1.0 0.366 0.0	66.4 27.5 68.6	73.9 68		1.0 0.186 0.0	56.9 46.2 59.1	75.0 52		1.0 0.367 0.0	0.167	55.7 48.5	57.8 75.5 49		1.0 0.367 0.0
69	53	51	1.0 0.383 0.0	67.2 26.0 69.3	74.1 69		1.0 0.196 0.0	57.4 45.0 59.7	74.8 53		1.0 0.383 0.0	0.178	56.3 47.2	58.5 75.2 51		1.0 0.383 0.0
70	54	52	1.0 0.4 0.0	67.9 24.7 70.0	74.3 70		1.0 0.205 0.0	58.0 43.8 60.3	74.5 54		1.0 0.4 0.0	0.188	57.0 45.9	59.2 75.0 52		1.0 0.4 0.0
71	55	53	1.0 0.416 0.0	68.6 23.4 70.7	74.5 71		1.0 0.215 0.0	58.6 42.6 60.9	74.3 55		1.0 0.417 0.0	0.199	57.6 44.6	59.9 74.7 53		1.0 0.417 0.0
72	56	54	1.0 0.433 0.0	69.3 22.1 71.3	74.7 72		1.0 0.224 0.0	59.2 41.4 61.4	74.1 56		1.0 0.433 0.0	0.209	58.3 43.3	60.5 74.4 54		1.0 0.433 0.0
73	57	55	1.0 0.45 0.0	70.0 20.8 71.9	74.9 73		1.0 0.234 0.0	59.8 40.2 61.9	73.8 57		1.0 0.45 0.0	0.22	58.9 41.9	61.2 74.2 55		1.0 0.45 0.0
74	58	56	1.0 0.466 0.0	70.7 19.4 72.5	75.1 74		1.0 0.243 0.0	60.4 39.0 62.4	73.6 58		1.0 0.467 0.0	0.231	59.6 40.6	61.7 73.9 56		1.0 0.467 0.0
76	59	57	1.0 0.483 0.0	71.4 18.0 73.1	75.3 76		1.0 0.254 0.0	61.0 37.8 62.9	73.4 59		1.0 0.483 0.0	0.241	60.3 39.3	62.3 73.6 57		1.0 0.483 0.0
77	60	58	1.0 0.5 0.0	72.1 16.6 73.6	75.5 77		1.0 0.266 0.0	61.6 36.7 63.6	73.5 60		1.0 0.5 0.0	0.252	60.9 37.9	62.9 73.4 58		1.0 0.5 0.0
77	61	60	1.0 0.516 0.0	72.7 15.8 74.2	75.8 77		1.0 0.278 0.0	62.2 35.7 64.3	73.5 61		1.0 0.517 0.0	0.266	61.6 36.7	63.6 73.5 60		1.0 0.517 0.0
78	62	61	1.0 0.533 0.0	73.2 14.9 74.7	76.2 78		1.0 0.291 0.0	62.8 34.6 65.0	73.6 62		1.0 0.533 0.0	0.28	62.3 35.5	64.4 73.6 61		1.0 0.533 0.0
79	63	62	1.0 0.55 0.0	73.7 14.0 75.3	76.6 79		1.0 0.303 0.0	63.4 33.4 65.6	73.7 63		1.0 0.55 0.0	0.293	62.9 34.3	65.1 73.6 62		1.0 0.55 0.0
80	64	63	1.0 0.566 0.0	74.3 13.0 75.8	77.0 80		1.0 0.315 0.0	64.0 32.3 66.3	73.7 64		1.0 0.567 0.0	0.307	63.6 33.1	65.9 73.7 63		1.0 0.567 0.0
80	65	64	1.0 0.583 0.0	74.8 12.1 76.4	77.3 80		1.0 0.328 0.0	64.6 31.2 66.9	73.8 65		1.0 0.583 0.0	0.321	64.3 31.8	66.6 73.8 64		1.0 0.583 0.0
81	66	65	1.0 0.6 0.0	75.3 11.2 76.9	77.7 81		1.0 0.34 0.0	65.2 30.0 67.5	73.9 66		1.0 0.6 0.0	0.335	64.9 30.5	67.2 73.8 65		1.0 0.6 0.0
82	67	66	1.0 0.616 0.0	75.8 10.2 77.4	78.1 82		1.0 0.352 0.0	65.8 28.9 68.0	73.9 67		1.0 0.617 0.0	0.348	65.6 29.2	67.9 73.9 66		1.0 0.617 0.0
83	68	67	1.0 0.633 0.0	76.5 9.1 77.8	78.4 83		1.0 0.365 0.0	66.4 27.7 68.6	74.0 68		1.0 0.633 0.0	0.362	66.3 27.9	68.5 74.0 67		1.0 0.633 0.0
84	69	68	1.0 0.65 0.0	77.4 7.6 78.2	78.5 84		1.0 0.377 0.0	67.0 26.5 69.1	74.1 69		1.0 0.65 0.0	0.376	66.9 26.6	69.1 74.0 68		1.0 0.65 0.0
85	70	70	1.0 0.666 0.0	78.3 6.2 78.5	78.7 85		1.0 0.392 0.0	67.6 25.4 69.8	74.2 70		1.0 0.667 0.0	0.393	67.6 25.3	69.8 74.2 70		1.0 0.667 0.0
86	71	71	1.0 0.683 0.0	79.1 4.8 78.8	78.9 86		1.0 0.407 0.0	68.2 24.2 70.4	74.4 71		1.0 0.683 0.0	0.409	68.3 24.1	70.4 74.4 71		1.0 0.683 0.0
87	72	72	1.0 0.7 0.0	80.0 3.4 79.0	79.1 87		1.0 0.422 0.0	68.9 23.0 70.9	74.6 72		1.0 0.7 0.0	0.426	69.0 22.7	71.1 74.6 72		1.0 0.7 0.0
88	73	73	1.0 0.716 0.0	80.9 1.9 79.3	79.3 88		1.0 0.437 0.0	69.5 21.9 71.5	74.8 73		1.0 0.717 0.0	0.442	69.7 21.4	71.7 74.8 73		1.0 0.717 0.0
89	74	74	1.0 0.733 0.0	81.7 0.5 79.5	79.5 89		1.0 0.452 0.0	70.1 20.7 72.0	74.9 74		1.0 0.733 0.0	0.459	70.5 20.1	72.3 75.0 74		1.0 0.733 0.0
-269	75	75	1.0 0.75 0.0	82.6 -0.9 79.7	79.7 -269		1.0 0.467 0.0	70.8 19.4 72.6	75.1 75		1.0 0.75 0.0	0.476	71.2 18.7	72.9 75.2 75		1.0 0.75 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\*nw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted  
 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 RYGBM<sub>s</sub>;  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Six hue angles of the device colours RYGBM<sub>d</sub>:  $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$ ; Six hue angles of the elementary colours RYGBM<sub>e</sub>:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*ddx361Mi$ (x=LabCh)	$rgb^*dsx361Mi$	$LAB^*dsx361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*de361Mi$	$LAB^*dex361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*dd$	$rgb^*ds$	$rgb^*de$	
-269	75	75	1.0 0.75 0.0	82.6 -0.9 79.7 79.7 -269	R <sub>d</sub>	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	1.0 0.75 0.0	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	1.0 0.767 0.0	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	1.0 0.783 0.0	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	1.0 0.8 0.0	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	1.0 0.817 0.0	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	1.0 0.833 0.0	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	1.0 0.85 0.0	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	1.0 0.867 0.0	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	1.0 0.883 0.0	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	1.0 0.9 0.0	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	1.0 0.917 0.0	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	1.0 0.933 0.0	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	1.0 0.95 0.0	1.0 0.95 0.0	
98	88	89	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	1.0 0.967 0.0	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	1.0 0.983 0.0	1.0 0.983 0.0	
99	90	92	1.0 1.0 0.0	91.1 -14.2 84.3 85.4 99		1.0 0.739 0.0	82.1 0.0 79.6 79.6 90	Y <sub>s</sub>	1.0 1.0 0.0	1.0 0.795 0.0	84.1 -3.1 78.1 78.2 92	Y <sub>e</sub>	1.0 1.0 0.0	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	1.0 0.827 0.0	1.0 0.827 0.0	1.0 0.827 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	1.0 0.859 0.0	1.0 0.859 0.0	1.0 0.859 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	1.0 0.892 0.0	1.0 0.892 0.0	1.0 0.892 0.0
100	94	96	0.933 1.0 0.0	92.0 -16.0 88.8 90.2 100		1.0 0.841 0.0	85.6 -5.2 76.4 76.6 94	0.933 1.0 0.0	1.0 0.925 0.0	88.5 -9.5 78.9 79.5 96	0.933 1.0 0.0	1.0 0.925 0.0	1.0 0.925 0.0	1.0 0.925 0.0
100	95	98	0.916 1.0 0.0	92.3 -16.4 89.9 91.4 100		1.0 0.869 0.0	86.5 -6.5 75.4 75.7 95	0.917 1.0 0.0	1.0 0.958 0.0	89.7 -11.5 81.3 82.2 98	0.917 1.0 0.0	1.0 0.958 0.0	1.0 0.958 0.0	1.0 0.958 0.0
100	96	99	0.9 1.0 0.0	92.5 -16.9 91.0 92.6 100		1.0 0.897 0.0	87.5 -8.0 76.8 77.3 96	0.9 1.0 0.0	1.0 0.992 0.0	90.8 -13.6 83.7 84.8 99	0.9 1.0 0.0	1.0 0.992 0.0	1.0 0.992 0.0	1.0 0.992 0.0
100	97	100	0.883 1.0 0.0	92.7 -17.3 92.1 93.8 100		1.0 0.926 0.0	88.5 -9.6 79.0 79.5 97	0.883 1.0 0.0	1.0 0.905 1.0 0.0	92.5 -16.7 90.7 92.3 100	0.883 1.0 0.0	1.0 0.905 1.0 0.0	1.0 0.905 1.0 0.0	1.0 0.905 1.0 0.0
100	98	101	0.866 1.0 0.0	92.6 -17.9 92.5 94.2 100		1.0 0.954 0.0	89.5 -11.3 81.0 81.8 98	0.867 1.0 0.0	1.0 0.838 1.0 0.0	91.9 -18.8 91.8 93.7 101	0.867 1.0 0.0	1.0 0.838 1.0 0.0	1.0 0.838 1.0 0.0	1.0 0.838 1.0 0.0
101	99	102	0.85 1.0 0.0	92.2 -18.4 92.1 93.9 101		1.0 0.983 0.0	90.5 -13.1 83.1 84.1 99	0.85 1.0 0.0	1.0 0.79 1.0 0.0	90.6 -20.5 90.6 92.9 102	0.85 1.0 0.0	1.0 0.79 1.0 0.0	1.0 0.79 1.0 0.0	1.0 0.79 1.0 0.0
101	100	103	0.833 1.0 0.0	91.7 -19.0 91.6 93.6 101		0.956 1.0 0.0	91.8 -15.3 87.3 88.6 100	0.833 1.0 0.0	1.0 0.747 1.0 0.0	89.3 -22.1 89.2 91.9 103	0.833 1.0 0.0	1.0 0.747 1.0 0.0	1.0 0.747 1.0 0.0	1.0 0.747 1.0 0.0
102	101	105	0.816 1.0 0.0	91.3 -19.6 91.2 93.3 102		0.865 1.0 0.0	92.6 -17.9 92.5 94.2 101	0.817 1.0 0.0	1.0 0.728 1.0 0.0	88.0 -23.5 87.3 90.4 105	0.817 1.0 0.0	1.0 0.728 1.0 0.0	1.0 0.728 1.0 0.0	1.0 0.728 1.0 0.0
102	102	106	0.8 1.0 0.0	90.8 -20.2 90.8 93.0 102		0.823 1.0 0.0	91.5 -19.3 91.4 93.5 102	0.8 1.0 0.0	0.71 1.0 0.0	86.8 -24.8 85.3 88.9 106	0.8 1.0 0.0	1.0 0.71 1.0 0.0	1.0 0.71 1.0 0.0	1.0 0.71 1.0 0.0
102	103	107	0.783 1.0 0.0	90.3 -20.8 90.3 92.7 102		0.782 1.0 0.0	90.3 -20.8 90.3 92.7 103	0.783 1.0 0.0	0.691 1.0 0.0	85.5 -26.1 83.4 87.4 107	0.783 1.0 0.0	1.0 0.691 1.0 0.0	1.0 0.691 1.0 0.0	1.0 0.691 1.0 0.0
103	104	108	0.766 1.0 0.0	89.9 -21.3 89.9 92.4 103		0.746 1.0 0.0	89.2 -22.1 89.1 91.8 104	0.767 1.0 0.0	0.673 1.0 0.0	84.3 -27.3 81.4 85.9 108	0.767 1.0 0.0	1.0 0.673 1.0 0.0	1.0 0.673 1.0 0.0	1.0 0.673 1.0 0.0
103	105	109	0.75 1.0 0.0	89.4 -21.9 89.4 92.1 103		0.73 1.0 0.0	88.2 -23.3 87.5 90.6 105	0.75 1.0 0.0	0.654 1.0 0.0	83.0 -28.5 79.4 84.4 109	0.75 1.0 0.0	1.0 0.654 1.0 0.0	1.0 0.654 1.0 0.0	1.0 0.654 1.0 0.0
104	106	110	0.733 1.0 0.0	88.3 -23.2 87.7 90.7 104		0.714 1.0 0.0	87.1 -24.5 85.8 89.3 106	0.733 1.0 0.0	0.635 1.0 0.0	81.8 -29.6 77.4 82.9 110	0.733 1.0 0.0	1.0 0.635 1.0 0.0	1.0 0.635 1.0 0.0	1.0 0.635 1.0 0.0
105	107	112	0.716 1.0 0.0	87.2 -24.4 86.0 89.4 105		0.699 1.0 0.0	86.0 -25.6 84.2 88.0 107	0.717 1.0 0.0	0.617 1.0 0.0	80.7 -30.7 75.7 81.7 112	0.717 1.0 0.0	1.0 0.617 1.0 0.0	1.0 0.617 1.0 0.0	1.0 0.617 1.0 0.0
106	108	113	0.7 1.0 0.0	86.1 -25.6 84.3 88.1 106		0.683 1.0 0.0	84.9 -26.7 82.5 86.7 108	0.7 1.0 0.0	0.6 1.0 0.0	79.7 -31.9 74.3 80.9 113	0.7 1.0 0.0	1.0 0.683 1.0 0.0	1.0 0.683 1.0 0.0	1.0 0.683 1.0 0.0
107	109	114	0.683 1.0 0.0	84.9 -26.7 82.5 86.7 107		0.667 1.0 0.0	83.9 -27.7 80.8 85.4 109	0.683 1.0 0.0	0.582 1.0 0.0	78.8 -33.0 72.9 80.1 114	0.683 1.0 0.0	1.0 0.683 1.0 0.0	1.0 0.683 1.0 0.0	1.0 0.683 1.0 0.0
108	110	115	0.666 1.0 0.0	83.8 -27.8 80.7 85.4 108		0.651 1.0 0.0	82.8 -28.7 79.1 84.2 110	0.667 1.0 0.0	0.565 1.0 0.0	77.8 -34.1 71.4 79.2 115	0.667 1.0 0.0	1.0 0.667 1.0 0.0	1.0 0.667 1.0 0.0	1.0 0.667 1.0 0.0
110	111	116	0.65 1.0 0.0	82.7 -28.8 79.0 84.1 110		0.635 1.0 0.0	81.7 -29.6 77.4 82.9 111	0.65 1.0 0.0	0.547 1.0 0.0	76.9 -35.2 70.0 78.4 116	0.65 1.0 0.0	1.0 0.65 1.0 0.0	1.0 0.65 1.0 0.0	1.0 0.65 1.0 0.0
111	112	117	0.633 1.0 0.0	81.6 -29.7 77.2 82.7 111		0.619 1.0 0.0	80.8 -30.5 75.9 81.8 112	0.633 1.0 0.0	0.53 1.0 0.0	75.9 -36.2 68.5 77.5 117	0.633 1.0 0.0	1.0 0.633 1.0 0.0	1.0 0.633 1.0 0.0	1.0 0.633 1.0 0.0
112	113	119	0.616 1.0 0.0	80.6 -30.8 75.6 81.6 112		0.604 1.0 0.0	79.9 -31.6 74.6 81.1 113	0.617 1.0 0.0	0.512 1.0 0.0	75.0 -37.2 67.0 76.7 119	0.617 1.0 0.0	1.0 0.617 1.0 0.0	1.0 0.617 1.0 0.0	1.0 0.617 1.0 0.0
113	114	120	0.6 1.0 0.0	79.7 -31.9 74.3 80.9 113		0.589 1.0 0.0	79.1 -32.6 73.4 80.4 114	0.6 1.0 0.0	0.494 1.0 0.0	74.1 -38.2 65.6 76.0 120	0.6 1.0 0.0	1.0 0.6 1.0 0.0	1.0 0.6 1.0 0.0	1.0 0.6 1.0 0.0
114	115	121	0.583 1.0 0.0	78.8 -33.0 72.9 80.1 114		0.574 1.0 0.0	78.3 -33.6 72.2 79.7 115	0.583 1.0 0.0	0.474 1.					

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

TUB material: code=rha4ta  
 (CMY0)

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*ddx361Mi$ (x=LabCh)	$rgb^*ds361Mi$	$LAB^*dsx361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*de361Mi$	$LAB^*dex361Mi$ (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	76.1 119	0.499 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	75.7 120	0.482 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	75.3 121	0.465 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 62.9	74.9 122	0.448 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	74.5 123	0.431 1.0 0.0	71.6 -41.6 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	74.1 124	0.415 1.0 0.0	71.0 -42.4 60.7	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	73.7 125	0.398 1.0 0.0	70.3 -43.2 59.6	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	73.3 126	0.381 1.0 0.0	69.7 -44.0 58.6	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	0.368 1.0 0.0	69.0 -44.9 57.6	73.1 128	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	68.4 -45.7 56.6	72.8 129	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	67.7 -46.6 55.6	72.6 130	0.333 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	67.1 -47.4 54.6	72.4 131	0.317 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	66.5 -48.2 53.7	72.2 132	0.3 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	65.9 -49.0 52.6	72.0 133	0.283 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	65.2 -49.8 51.6	71.8 134	0.267 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	64.6 -50.5 50.6	71.6 135	0.25 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	64.0 -51.2 49.6	71.3 136	0.233 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	63.3 -51.9 48.5	71.1 137	0.217 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	62.7 -52.6 47.5	70.9 138	0.2 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	62.1 -53.4 46.5	70.8 139	0.183 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	61.6 -54.1 45.5	70.8 140	0.167 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	61.2 -54.9 44.5	70.8 141	0.15 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	60.7 -55.7 43.6	70.8 142	0.133 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	60.2 -56.4 42.6	70.8 143	0.117 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	59.7 -57.1 41.6	70.7 144	0.1 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			
149	145	156	0.083 1.0 0.0	57.1 -61.2 36.9	71.5 148	0.153 1.0 0.0	59.2 -57.8 40.6	70.7 145	0.083 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	58.7 -58.5 39.5	70.7 146	0.067 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	58.2 -59.2 38.5	70.7 147	0.05 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	57.6 -60.3 37.7	71.2 148	0.033 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	57.1 -61.3 36.9	71.6 149	0.017 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 <sub>d</sub>	0.06 1.0 0.0	56.6 -62.3 36.0	72.1 150	G <sub>s</sub>	0.0 1.0 0.0	0.0 1.0 0.175	55.1 -62.1 19.9	65.3 162	G <sub>e</sub>	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 20.5	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-LO 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  
 TUB-test chart RE75; 1080 standard colours, cf=0.9  
 48 step hue circles; rgb-LabCh\*tables

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

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

TUB material: code=rha4ta  
 separation cmy0\* (CMY0)

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*ddx361Mi$ (x=LabCh)	$rgb^*ds361Mi$	$LAB^*dsx361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*de361Mi$	$LAB^*dex361Mi$ (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 0.227	55.3 -60.5 16.2	62.7 165	0.0 1.0 0.391	56.3 -54.5 3.9	54.7 175	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 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 0.405	56.4 -54.0 2.8	54.2 177	0.0 1.0 0.45	0.0 1.0 0.526	57.0 -49.1 -5.8	49.6 186	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 0.417	56.5 -53.5 1.9	53.7 178	0.0 1.0 0.467	0.0 1.0 0.537	57.1 -48.7 -6.6	49.3 187	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 0.43	56.5 -53.1 0.9	53.2 179	0.0 1.0 0.483	0.0 1.0 0.548	57.1 -48.3 -7.3	49.0 188	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 0.442	56.6 -52.6 0.0	52.7 180	0.0 1.0 0.5	0.0 1.0 0.558	57.2 -47.9 -8.0	48.7 189	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 0.455	56.7 -52.0 -0.8	52.2 181	0.0 1.0 0.517	0.0 1.0 0.569	57.2 -47.4 -8.7	48.4 190	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 0.467	56.7 -51.5 -1.7	51.6 182	0.0 1.0 0.533	0.0 1.0 0.58	57.3 -47.0 -9.4	48.1 191	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 0.48	56.8 -51.0 -2.6	51.1 183	0.0 1.0 0.55	0.0 1.0 0.591	57.3 -46.6 -10.1	47.8 192	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 0.492	56.9 -50.4 -3.4	50.6 184	0.0 1.0 0.567	0.0 1.0 0.601	57.4 -46.1 -10.8	47.5 193	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 0.504	56.9 -49.9 -4.3	50.2 185	0.0 1.0 0.583	0.0 1.0 0.612	57.4 -45.6 -11.4	47.2 194	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 0.516	57.0 -49.5 -5.1	49.9 186	0.0 1.0 0.6	0.0 1.0 0.623	57.5 -45.1 -12.1	46.9 195	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 0.528	57.0 -49.1 -5.9	49.5 187	0.0 1.0 0.617	0.0 1.0 0.634	57.5 -44.8 -12.8	46.7 195	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 0.54	57.1 -48.6 -6.7	49.2 188	0.0 1.0 0.633	0.0 1.0 0.645	57.5 -44.4 -13.4	46.6 196	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 0.551	57.1 -48.2 -7.5	48.9 189	0.0 1.0 0.65	0.0 1.0 0.657	57.5 -44.1 -14.1	46.4 197	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 0.563	57.2 -47.7 -8.3	48.5 190	0.0 1.0 0.667	0.0 1.0 0.668	57.5 -43.8 -14.8	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 0.575	57.2 -47.2 -9.1	48.2 191	0.0 1.0 0.683	0.0 1.0 0.68	57.5 -43.4 -15.4	46.2 199	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 0.587	57.3 -46.7 -9.9	47.9 192	0.0 1.0 0.7	0.0 1.0 0.691	57.5 -43.0 -16.1	46.1 200	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 0.598	57.3 -46.2 -10.6	47.5 193	0.0 1.0 0.717	0.0 1.0 0.702	57.5 -42.6 -17.6	45.9 201	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 0.61	57.4 -45.7 -11.3	47.2 194	0.0 1.0 0.733	0.0 1.0 0.714	57.5 -42.2 -17.3	45.8 202	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 0.622	57.5 -45.2 -12.0	46.9 195	0.0 1.0 0.75	0.0 1.0 0.725	57.6 -41.8 -18.0	45.7 203	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 0.634	57.5 -44.8 -12.8	46.7 196	0.0 1.0 0.767	0.0 1.0 0.737	57.6 -41.4 -18.6	45.5 204	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 0.647	57.5 -44.4 -13.5	46.5 197	0.0 1.0 0.783	0.0 1.0 0.748	57.6 -41.0 -19.2	45.4 205	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 0.659	57.5 -44.0 -14.2	46.4 198	0.0 1.0 0.8	0.0 1.0 0.759	57.5 -40.8 -19.9	45.5 206	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 0.672	57.5 -43.6 -15.0	46.3 199	0.0 1.0 0.817	0.0 1.0 0.769	57.3 -40.6 -20.6	45.6 206	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 0.684	57.5 -43.2 -15.7	46.1 200	0.0 1.0 0.833	0.0 1.0 0.779	57.2 -40.4 -21.3	45.8 207	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 0.697	57.5 -42.8 -16.4	46.0 201	0.0 1.0 0.85	0.0 1.0 0.789	57.1 -40.1 -22.0	45.9 208	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 0.709	57.5 -42.4 -17.1	45.9 202	0.0 1.0 0.867	0.0 1.0 0.8	0.8 57.0	-39.9 -22.7	46.0 209	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 0.722	57.6 -42.0 -17.8	45.7 203	0.0 1.0 0.883	0.0 1.0 0.81	56.8 -39.6 -23.4	46.2 210	0.0 1.0 0.883			
219	211	210	0.0 1.0 0.9	55.4 -37.1 -30.1	47.8 219	0.0 1.0 0.734	57.6 -41.5 -18.4	45.6 204	0.0 1.0 0.9	0.0 1.0 0.82	56.7 -39.4 -24.1	46.3 211	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 0.747	57.6 -41.1 -19.1	45.4 205	0.0 1.0 0.917	0.0 1.0 0.83	56.6 -39.1 -24.8	46.4 212	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 0.758	57.5 -40.8 -19.8	45.5 206	0.0 1.0 0.933	0.0 1.0 0.841	56.5 -38.8 -25.5	46.5 213	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 0.769	57.3 -40.6 -20.6	45.6 207	0.0 1.0 0.95	0.0 1.0 0.851	56.3 -38.5 -26.2	46.7 214	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 0.781	57.2 -40.3 -21.4	45.8 208	0.0 1.0 0.967	0.0 1.0 0.861	56.2 -38.2 -26.9	46.8 215	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 0.792	57.1 -40.1 -22.2	45.9 209	0.0 1.0 0.983	0.0 1.0 0.871	56.1 -37.8 -27.5	46.9 216	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 0.803	56.9 -39.8 -22.9	46.1 210	0.0 1.0 1.0	0.0 1.0 0.881	55.9 -37.6 -28.3	47.2 216	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\*nw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted  
 TUB-test chart RE75; 1080 standard colours,



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

input:  $rgb/cm\gamma k \rightarrow rgbdd$   
output: 3D-linearization to  $cmy0^*_{dd}$

-8

v

L

o

y

m

c

-8



C

M

Y

O

L

V

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

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*ddx361Mi$ (x=LabCh)	$rgb^*ds361Mi$	$LAB^*dsx361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*de361Mi$	$LAB^*dex361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*dd$	$rgb^*ds$	$rgb^*de$	
274	255	258	0.0 0.25 1.0	36.0 3.7 -47.8 47.9 274	0.0 0.495 1.0	46.1 -12.9 -48.4 50.2 255	0.0 0.25 1.0	0.0 0.451 1.0	44.3 -10.2 -48.4 49.6 258	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 0.481 1.0	45.5 -12.0 -48.4 50.0 256	0.0 0.233 1.0	0.0 0.438 1.0	43.8 -9.4 -48.4 49.4 258	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 0.466 1.0	44.9 -11.1 -48.4 49.8 257	0.0 0.217 1.0	0.0 0.424 1.0	43.3 -8.6 -48.4 49.3 259	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 0.452 1.0	44.4 -10.2 -48.4 49.6 258	0.0 0.2 1.0	0.0 0.411 1.0	42.8 -7.8 -48.4 49.1 260	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 0.437 1.0	43.8 -9.3 -48.4 49.4 259	0.0 0.183 1.0	0.0 0.398 1.0	42.3 -7.0 -48.3 48.9 261	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 0.423 1.0	43.2 -8.5 -48.4 49.3 260	0.0 0.167 1.0	0.0 0.385 1.0	41.7 -6.2 -48.3 48.8 262	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 0.408 1.0	42.7 -7.6 -48.4 49.1 261	0.0 0.15 1.0	0.0 0.372 1.0	41.3 -5.4 -48.2 48.6 263	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 0.393 1.0	42.1 -6.7 -48.3 48.9 262	0.0 0.133 1.0	0.0 0.362 1.0	40.8 -4.6 -48.3 48.6 264	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 0.379 1.0	41.5 -5.8 -48.2 48.7 263	0.0 0.117 1.0	0.0 0.352 1.0	40.4 -3.8 -48.3 48.5 265	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 0.367 1.0	41.0 -5.0 -48.2 48.6 264	0.0 0.1 1.0	0.0 0.342 1.0	40.0 -3.1 -48.3 48.5 266	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 0.356 1.0	40.6 -4.1 -48.3 48.6 265	0.0 0.083 1.0	0.0 0.331 1.0	39.5 -2.3 -48.3 48.4 267	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 0.345 1.0	40.1 -3.3 -48.3 48.5 266	0.0 0.067 1.0	0.0 0.321 1.0	39.1 -1.5 -48.2 48.4 268	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 0.333 1.0	39.6 -2.4 -48.3 48.4 267	0.0 0.05 1.0	0.0 0.311 1.0	38.7 -0.7 -48.2 48.3 269	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 0.322 1.0	39.1 -1.6 -48.2 48.4 268	0.0 0.033 1.0	0.0 0.301 1.0	38.2 0.0 -48.1 48.2 269	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 0.311 1.0	38.7 -0.7 -48.2 48.3 269	0.0 0.017 1.0	0.0 0.291 1.0	37.8 0.7 -48.1 48.2 270	0.0 0.017 1.0				
299	270	271	0.0 0.0 1.0	32.1 23.3 -42.1 48.1 299	$B_d$	0.0 0.3 1.0	38.2 0.0 -48.1 48.2 270	$B_s$	0.0 0.0 1.0	0.0 0.281 1.0	37.4 1.5 -48.0 48.1 271	$B_e$	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 0.289 1.0	37.7 0.8 -48.1 48.2 271		0.0 0.17 0.0	1.0	0.0 0.27 1.0	36.9 2.3 -47.9 48.1 272	0.017 0.0 1.0	
301	272	273	0.033 0.0 1.0	31.9 25.4 -41.4 48.6 301		0.0 0.278 1.0	37.2 1.7 -48.0 48.1 272		0.0 0.033 0.0	1.0	0.0 0.259 1.0	36.5 3.0 -47.8 48.0 273	0.033 0.0 1.0	
302	273	274	0.05 0.0 1.0	31.8 26.5 -41.0 48.8 302		0.0 0.266 1.0	36.8 2.5 -47.9 48.1 273		0.0 0.05 0.0	1.0	0.0 0.249 1.0	36.1 3.8 -47.7 48.0 274	0.05 0.0 1.0	
304	274	275	0.066 0.0 1.0	31.7 27.5 -40.6 49.0 304		0.0 0.255 1.0	36.3 3.3 -47.8 48.0 274		0.0 0.067 0.0	1.0	0.0 0.24 1.0	36.0 4.6 -47.5 47.9 275	0.067 0.0 1.0	
305	275	276	0.083 0.0 1.0	31.6 28.5 -40.1 49.2 305		0.0 0.245 1.0	36.0 4.2 -47.6 47.9 275		0.0 0.083 0.0	1.0	0.0 0.231 1.0	35.8 5.4 -47.3 47.7 276	0.083 0.0 1.0	
306	276	277	0.1 0.0 1.0	31.5 29.5 -39.6 49.5 306		0.0 0.236 1.0	35.9 5.0 -47.4 47.8 276		0.1 0.0 1.0		0.0 0.222 1.0	35.7 6.2 -47.1 47.6 277	0.1 0.0 1.0	
308	277	278	0.116 0.0 1.0	31.4 30.6 -39.1 49.7 308		0.0 0.226 1.0	35.8 5.8 -47.2 47.7 277		0.117 0.0 1.0		0.0 0.213 1.0	35.6 6.9 -46.9 47.5 278	0.117 0.0 1.0	
309	278	279	0.133 0.0 1.0	31.3 31.6 -38.6 49.9 309		0.0 0.217 1.0	35.7 6.6 -47.0 47.6 278		0.133 0.0 1.0		0.0 0.204 1.0	35.5 7.7 -46.7 47.4 279	0.133 0.0 1.0	
310	279	280	0.15 0.0 1.0	31.2 32.6 -38.0 50.1 310		0.0 0.207 1.0	35.5 7.4 -46.8 47.5 279		0.15 0.0 1.0		0.0 0.195 1.0	35.4 8.4 -46.5 47.3 280	0.15 0.0 1.0	
311	280	281	0.166 0.0 1.0	31.2 33.7 -37.4 50.3 311		0.0 0.198 1.0	35.4 8.2 -46.5 47.4 280		0.167 0.0 1.0		0.0 0.186 1.0	35.3 9.2 -46.2 47.2 281	0.167 0.0 1.0	
313	281	282	0.183 0.0 1.0	31.1 34.7 -36.8 50.6 313		0.0 0.189 1.0	35.3 9.0 -46.3 47.3 281		0.183 0.0 1.0		0.0 0.178 1.0	35.2 9.9 -46.0 47.1 282	0.183 0.0 1.0	
314	282	283	0.2 0.0 1.0	31.1 35.7 -36.1 50.8 314		0.0 0.179 1.0	35.2 9.8 -46.0 47.2 282		0.2 0.0 1.0		0.0 0.169 1.0	35.0 10.7 -45.7 47.0 283	0.2 0.0 1.0	
315	283	284	0.216 0.0 1.0	31.0 36.7 -35.4 51.0 315		0.0 0.17 1.0	35.1 10.6 -45.7 47.0 283		0.217 0.0 1.0		0.0 0.16 1.0	34.9 11.4 -45.4 46.9 284	0.217 0.0 1.0	
317	284	285	0.233 0.0 1.0	30.9 37.6 -34.7 51.2 317		0.0 0.16 1.0	34.9 11.4 -45.4 46.9 284		0.233 0.0 1.0		0.0 0.151 1.0	34.8 12.1 -45.1 46.8 285	0.233 0.0 1.0	
318	285	285	0.25 0.0 1.0	30.9 38.6 -34.0 51.4 318		0.0 0.151 1.0	34.8 12.1 -45.1 46.8 285		0.25 0.0 1.0		0.0 0.142 1.0	34.7 12.8 -44.8 46.7 285	0.25 0.0 1.0	
319	286	286	0.266 0.0 1.0	31.2 39.5 -33.6 51.9 319		0.0 0.141 1.0	34.7 12.9 -44.8 46.7 286		0.267 0.0 1.0		0.0 0.133 1.0	34.6 13.6 -44.5 46.6 286	0.267 0.0 1.0	
320	287	287	0.283 0.0 1.0	31.5 40.4 -33.3 52.4 320		0.0 0.132 1.0	34.6 13.6 -44.5 46.6 287		0.283 0.0 1.0		0.0 0.124 1.0	34.5 14.3 -44.2 46.5 287	0.283 0.0 1.0	
321	288	288	0.3 0.0 1.0	31.9 41.3 -32.9 52.9 321		0.0 0.122 1.0	34.4 14.4 -44.2 46.6 288		0.3 0.0 1.0		0.0 0.113 1.0	34.3 15.0 -44.1 46.7 288	0.3 0.0 1.0	
322	289	289	0.316 0.0 1.0	32.2 42.2 -32.5 53.3 322		0.0 0.111 1.0	34.2 15.2 -44.1 46.7 289		0.317 0.0 1.0		0.0 0.103 1.0	34.1 15.8 -44.0 46.8 289	0.317 0.0 1.0	
323	290	290	0.333 0.0 1.0	32.6 43.2 -32.1 53.8 323		0.0 0.1 1.0	34.0 16.0 -43.9 46.9 290		0.333 0.0 1.0		0.0 0.092 1.0	33.9 16.6 -43.8 47.0 290	0.333 0.0 1.0	
324	291	291	0.35 0.0 1.0	32.9 44.1 -31.7 54.3 324		0.0 0.089 1.0	33.8 16.8 -43.8 47.0 291		0.35 0.0 1.0		0.0 0.082 1.0	33.7 17.4 -43.7 47.1 291	0.35 0.0 1.0	
325	292	292	0.366 0.0 1.0	33.2 45.0 -31.2 54.8 325		0.0 0.078 1.0	33.6 17.7 -43.6 47.2 292		0.367 0.0 1.0		0.0 0.071 1.0	33.5 18.1 -43.5 47.2 292	0.367 0.0 1.0	
326	293	293	0.383 0.0 1.0	33.6 45.7 -30.8 55.1 326		0.0 0.067 1.0	33.4 18.5 -43.4 47.3 293		0.383 0.0 1.0		0.0 0.061 1.0	33.3 18.9 -43.3 47.4 293	0.383 0.0 1.0	
326	294	294	0.4 0.0 1.0	33.9 46.3 -30.3 55.4 326		0.0 0.056 1.0	33.2 19.3 -43.2 47.4 294		0.4 0.0 1.0		0.0 0.05 1.0	33.1 19.7 -43.1 47.5 294	0.4 0.0 1.0	
327	295	295	0.416 0.0 1.0	34.2 46.9 -29.8 55.6 327		0.0 0.044 1.0	33.0 20.1 -43.0 47.6 295		0.417 0.0 1.0		0.0 0.04 1.0	32.9 20.5 -42.9 47.7 295	0.417 0.0 1.0	
328	296	296	0.433 0.0 1.0	34.5 47.5 -29.3 55.8 328		0.0 0.033 1.0	32.8 20.9 -42.8 47.7 296		0.433 0.0 1.0		0.0 0.029 1.0	32.7 21.2 -42.7 47.8 296	0.433 0.0 1.0	
329	297	297	0.45 0.0 1.0	34.8 48.1 -28.8 56.0 329		0.0 0.022 1.0	32.6 21.7 -42.6 47.9 297		0.45 0.0 1.0		0.0 0.019 1.0	32.5 22.0 -42.5 47.9 297	0.45 0.0 1.0	
329	298	298	0.466 0.0 1.0	35.2 48.6 -28.3 56.3 329		0.0 0.011 1.0	32.3 22.5 -42.3 48.0 298		0.467 0.0 1.0		0.0 0.008 1.0	32.3 22.8 -42.2 48.1 298	0.467 0.0 1.0	
330	299	299	0.483 0.0 1.0	35.5 49.2 -27.7 56.5 330		0.0 0.0 1.0	32.1 23.4 -42.0 48.2 299		0.483 0.0 1.0		0.0 0.003 0.0	32.1 23.5 -42.0 48.2 299	0.483 0.0 1.0	
331	300	300	0.5 0.0 1.0	35.8 49.8 -27.2 56.7 331		0.0								

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*ddx361Mi$ (x=LabCh)	$rgb^*ds361Mi$	$LAB^*dsx361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*de361Mi$	$LAB^*dex361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*dd$	$rgb^*ds$	$rgb^*de$
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	324	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	0.47 0.0 1.0	35.3 48.8 -28.1 56.4 330	$M_d$	0.47 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				

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

TUB material: code=rha4ta  
 (CMY0)

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<sub>s</sub>;  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Six hue angles of the device colours RYGCBM<sub>d</sub>;  $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$ ; Six hue angles of the elementary colours RYGCBM<sub>e</sub>;  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*ddx361Mi$ (x=LabCh)	$rgb^*ds361Mi$	$LAB^*dsx361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*de361Mi$	$LAB^*dex361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*dd$	$rgb^*ds$	$rgb^*de$	
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	0.753 0.0 1.0	41.9 60.1 -18.5	62.9 342	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	0.78 0.0 1.0	42.4 61.1 -17.7	63.7 343	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	0.807 0.0 1.0	43.0 62.1 -16.9	64.4 344	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	0.835 0.0 1.0	43.5 63.1 -16.0	65.2 345	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	0.862 0.0 1.0	44.0 64.1 -15.2	65.9 346	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	0.887 0.0 1.0	44.6 65.1 -14.3	66.7 347	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	0.909 0.0 1.0	45.2 66.1 -13.3	67.4 348	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	0.932 0.0 1.0	45.8 67.1 -12.4	68.2 349	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	0.954 0.0 1.0	46.4 68.1 -11.4	69.0 350	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	0.977 0.0 1.0	47.0 69.0 -10.4	69.8 351	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	0.999 0.0 1.0	47.6 70.0 -9.4	70.6 352	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	1.0 0.0 0.92	47.2 69.9 -8.2	70.3 353	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	1.0 0.0 0.865	46.9 69.6 -7.0	69.9 354	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	1.0 0.0 0.843	46.8 69.1 -5.8	69.3 355	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	1.0 0.0 0.821	46.7 68.6 -4.6	68.8 356	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	0.993 0.0 1.0	47.5 69.7 -9.6	70.4 352	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	1.0 0.0 0.927	47.3 69.9 -8.3	70.4 353	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	1.0 0.0 0.863	46.9 69.5 -6.9	69.9 354	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	1.0 0.0 0.837	46.8 69.0 -5.4	69.2 355	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	1.0 0.0 0.811	46.6 68.4 -4.1	68.5 356	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	1.0 0.0 0.785	46.5 67.8 -2.7	67.8 357	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	1.0 0.0 0.759	46.4 67.1 -1.4	67.1 358	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	1.0 0.0 0.736	46.3 66.7 -0.1	66.7 359	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	1.0 0.0 0.716	46.3 66.3 1.1	66.3 360	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	1.0 0.0 0.696	46.2 65.9 2.4	66.0 362	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	1.0 0.0 0.676	46.2 65.5 3.7	65.6 363	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	1.0 0.0 0.655	46.2 65.1 4.9	65.3 364	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	1.0 0.0 0.635	46.1 64.6 6.1	64.9 365	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	1.0 0.0 0.615	46.1 64.2 7.4	64.6 366	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	1.0 0.0 0.596	46.1 63.8 8.6	64.3 367	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	1.0 0.0 0.576	46.1 63.3 9.8	64.1 368	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	1.0 0.0 0.556	46.1 62.9 11.0	63.8 369	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	1.0 0.0 0.537	46.1 62.4 12.1	63.6 370	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	1.0 0.0 0.517	46.1 61.9 13.3	63.3 372	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	1.0 0.0 0.497	46.1 61.4 14.4	63.1 373	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	1.0 0.0 0.478	46.0 61.3 15.7	63.2 374	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	1.0 0.0 0.459	46.0 61.0 16.9	63.3 375	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	1.0 0.0 0.439	46.0 60.8 18.1	63.4 376	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	1.0 0.0 0.42	45.9 60.5 19.3	63.5 377	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	1.0 0.0 0.401	45.9 60.2 20.5	63.6 378	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	1.0 0.0 0.381	45.9 59.9 21.7	63.7 379	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	1.0 0.0 0.36	45.9 59.7 23.0	64.0 381	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	1.0 0.0 0.339	46.0 59.6 24.2	64.4 382	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	1.0 0.0 0.317	46.1 59.5 25.5	64.7 383	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	1.0 0.0 0.295	46.2 59.3 26.8	65.1 384	1.0 0.0 0.017	
394	390	385	1.0 0.0 0.0	47.0 59.1 40.1	71.5 394	1.0 0.0 0.165	46.6 58.8 34.0	67.9 390	1.0 0.0 0.0	1.0 0.0 0.274	46.3 59.1 28.1	65.4 385	1.0 0.0 0.0	

TUB registration: 20150701-RE75/RE75L0FA.TXT /PS

TUB material: code=rha4ta  
application for measurement of laser printer output, separation cmy0\* (CMY0)

[http://130.149.60.45/~farbmektr/RE75/RE75L0FA.TXT /PS; 3D-linearization F: 3D-linearization RE75/RE75LE30FA.DAT in file \(F\), page 18/33](http://130.149.60.45/~farbmektr/RE75/RE75L0FA.TXT /PS; 3D-linearization F: 3D-linearization RE75/RE75LE30FA.DAT in file (F), page 18/33)



Line	Color	Value
0	Black	0.000
1	White	1.000
2	Grey	0.500
3	Grey	0.250
4	Grey	0.125
5	Grey	0.0625
6	Grey	0.03125
7	Grey	0.015625
8	Grey	0.0078125
9	Grey	0.00390625
10	Grey	0.001953125
11	Grey	0.0009765625
12	Grey	0.00048828125
13	Grey	0.000244140625
14	Grey	0.0001220703125
15	Grey	0.0000610351640625
16	Grey	0.00003051758203125
17	Grey	0.000015258791015625
18	Grey	0.0000076293955078125
19	Grey	0.0000038146977539375
20	Grey	0.0000019073488769688
21	Grey	0.0000009536744384844
22	Grey	0.0000004768372192422
23	Grey	0.0000002384186096211
24	Grey	0.0000001242093048105
25	Grey	0.0000000621046524052
26	Grey	0.0000000310523262026
27	Grey	0.0000000155261631013
28	Grey	0.0000000077630815506
29	Grey	0.0000000038815407753
30	Grey	0.0000000019407703876
31	Grey	0.0000000009703851938
32	Grey	0.0000000004851925969
33	Grey	0.0000000002425962984
34	Grey	0.0000000001212981492
35	Grey	0.0000000000606490746
36	Grey	0.0000000000303245373
37	Grey	0.0000000000151622687
38	Grey	0.0000000000075811343
39	Grey	0.0000000000037905671
40	Grey	0.0000000000018952835
41	Grey	0.0000000000009476417
42	Grey	0.0000000000004738208
43	Grey	0.0000000000002369104
44	Grey	0.0000000000001184552
45	Grey	0.0000000000000592276
46	Grey	0.0000000000000296138
47	Grey	0.0000000000000148069
48	Grey	0.0000000000000074034
49	Grey	0.0000000000000037017
50	Grey	0.0000000000000018508
51	Grey	0.0000000000000009254
52	Grey	0.0000000000000004627
53	Grey	0.0000000000000002314
54	Grey	0.0000000000000001157
55	Grey	0.00000000000000005785
56	Grey	0.00000000000000002892
57	Grey	0.00000000000000001446
58	Grey	0.00000000000000000723
59	Grey	0.00000000000000000361
60	Grey	0.000000000000000001805
61	Grey	0.000000000000000000902
62	Grey	0.000000000000000000451
63	Grey	0.0000000000000000002255
64	Grey	0.00000000000000000011275
65	Grey	0.00000000000000000005638
66	Grey	0.00000000000000000002819
67	Grey	0.000000000000000000014095
68	Grey	0.000000000000000000007047
69	Grey	0.000000000000000000003523
70	Grey	0.0000000000000000000017617
71	Grey	0.0000000000000000000008808
72	Grey	0.00000000000000000000044044
73	Grey	0.00000000000000000000022022
74	Grey	0.00000000000000000000011011
75	Grey	0.000000000000000000000055055
76	Grey	0.000000000000000000000027527
77	Grey	0.000000000000000000000013764
78	Grey	0.000000000000000000000006882
79	Grey	0.0000000000000000000000034411
80	Grey	0.0000000000000000000000017205
81	Grey	0.0000000000000000000000008602
82	Grey	0.0000000000000000000000004301
83	Grey	0.00000000000000000000000021501
84	Grey	0.000000000000000000000000107501
85	Grey	0.0000000000000000000000000537501
86	Grey	0.00000000000000000000000002687501
87	Grey	0.000000000000000000000000013437501
88	Grey	0.0000000000000000000000000067187501
89	Grey	0.00000000000000000000000000335937501
90	Grey	0.000000000000000000000000001679687501
91	Grey	0.000000000000000000000000000839812501
92	Grey	0.0000000000000000000000000004199062501
93	Grey	0.00000000000000000000000000020995312501
94	Grey	0.000000000000000000000000000104976562501
95	Grey	0.000000000000000000000000000052482812501
96	Grey	0.0000000000000000000000000000262441562501
97	Grey	0.00000000000000000000000000001312207812501
98	Grey	0.00000000000000000000000000000656103937501
99	Grey	0.000000000000000000000000000003280519687501
100	Grey	0.0000000000000000000000000000016402598437501
101	Grey	0.00000000000000000000000000000082012992187501
102	Grey	0.000000000000000000000000000000410064960937501
103	Grey	0.0000000000000000000000000000002050324804812501
104	Grey	0.00000000000000000000000000000010251624024062501
105	Grey	0.000000000000000000000000000000051258120120312501
106	Grey	0.0000000000000000000000000000000256290600601562501
107	Grey	0.00000000000000000000000000000001281473003007812501
108	Grey	0.00000000000000000000000000000000640736501503937501
109	Grey	0.0000000000000000000000000000000032036825007519687501
110	Grey	0.000000000000000000000000000000001601841250375937501
111	Grey	0.0000000000000000000000000000000008009206251879687501
112	Grey	0.000000000000000000000000000000000400460312593937501
113	Grey	0.00000000000000000000000000000000020023015625476562501
114	Grey	0.00000000000000000000000000000000010011507812523437501
115	Grey	0.000000000000000000000000000000000050057539375117187501
116	Grey	0.0000000000000000000000000000000000250287693750585937501
117	Grey	0.00000000000000000000000000000000001251438468752929687501
118	Grey	0.00000000000000000000000000000000000625717234375146487501
119	Grey	0.0000000000000000000000000000000000031235868750732437501
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121	Grey	0.0000000000000000000000000000000000007808968750381437501
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123	Grey	0.000000000000000000000000000000000000195224219648750196487501
124	Grey	0.000000000000000000000000000000000000097611209843750196487501
125	Grey	0.000000000000000000000000000000000000048805604843750196487501
126	Grey	0.00000000000000000000000000000000000002440280243750196487501
127	Grey	0.000000000000000000000000000000000000012201411218750196487501
128	Grey	0.00000000000000000000000000000000000000610070568750196487501
129	Grey	0.0000000000000000000000000000000000000030500353343750196487501
130	Grey	0.000000000000000000000000000000000000001525017668750196487501
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134	Grey	0.00953125118750196487501
135	Grey	0.00476562508843750196487501
136	Grey	0.00238281250562518750196487501
137	Grey	0.001191406250343750196487501
138	Grey	0.0005957468750196487501
139	Grey	0.00029787343750196487501
140	Grey	0.000148936750196487501
141	Grey	0.0074468750196487501
142	Grey	0.00372343750196487501
143	Grey	0.0018617343750196487501
144	Grey	0.0009308750196487501
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146	Grey	0.000232718750196487501
147	Grey	0.0001163593750196487501
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150	Grey	0.00145443750196487501
151	Grey	0.000727218750196487501
152	Grey	0.00036368750196487501
153	Grey	0.000181843750196487501
154	Grey	0.00904218750196487501
155	Grey	0.0045218750196487501
156	Grey	0.00226093750196487501
157	Grey	0.001130593750196487501
158	Grey	0.0005652968750196487501
159	Grey	0.000282643750196487501
160	Grey	0.0001413293750196487501
161	Grey	0.0070643750196487501
162	Grey	0.003531968750196487501
163	Grey	0.0017651968750196487501
164	Grey	0.000882968750196487501
165	Grey	0.0004414968750196487501
166	Grey	0.000220743750196487501
167	Grey	0.000110372968750196487501
168	Grey	0.00551868750196487501
169	Grey	0.00275843750196487501
170	Grey	0.001379218750196487501
171	Grey	0.00068943750196487501
172	Grey	0.000344718750196487501
173	Grey	0.0001723593750196487501
174	Grey	0.00000

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

TUB material: code=rha4ta

[http://130.149.60.45/~farbmektrik/RE75/RE75L0FA.TXT /PS; 3D-linearization F: 3D-linearization RE75/RE75LE30FA.DAT in file \(F\), page 19/33](http://130.149.60.45/~farbmektrik/RE75/RE75L0FA.TXT /PS; 3D-linearization F: 3D-linearization RE75/RE75LE30FA.DAT in file (F), page 19/33)

RE750-7N, Page 19/33-F

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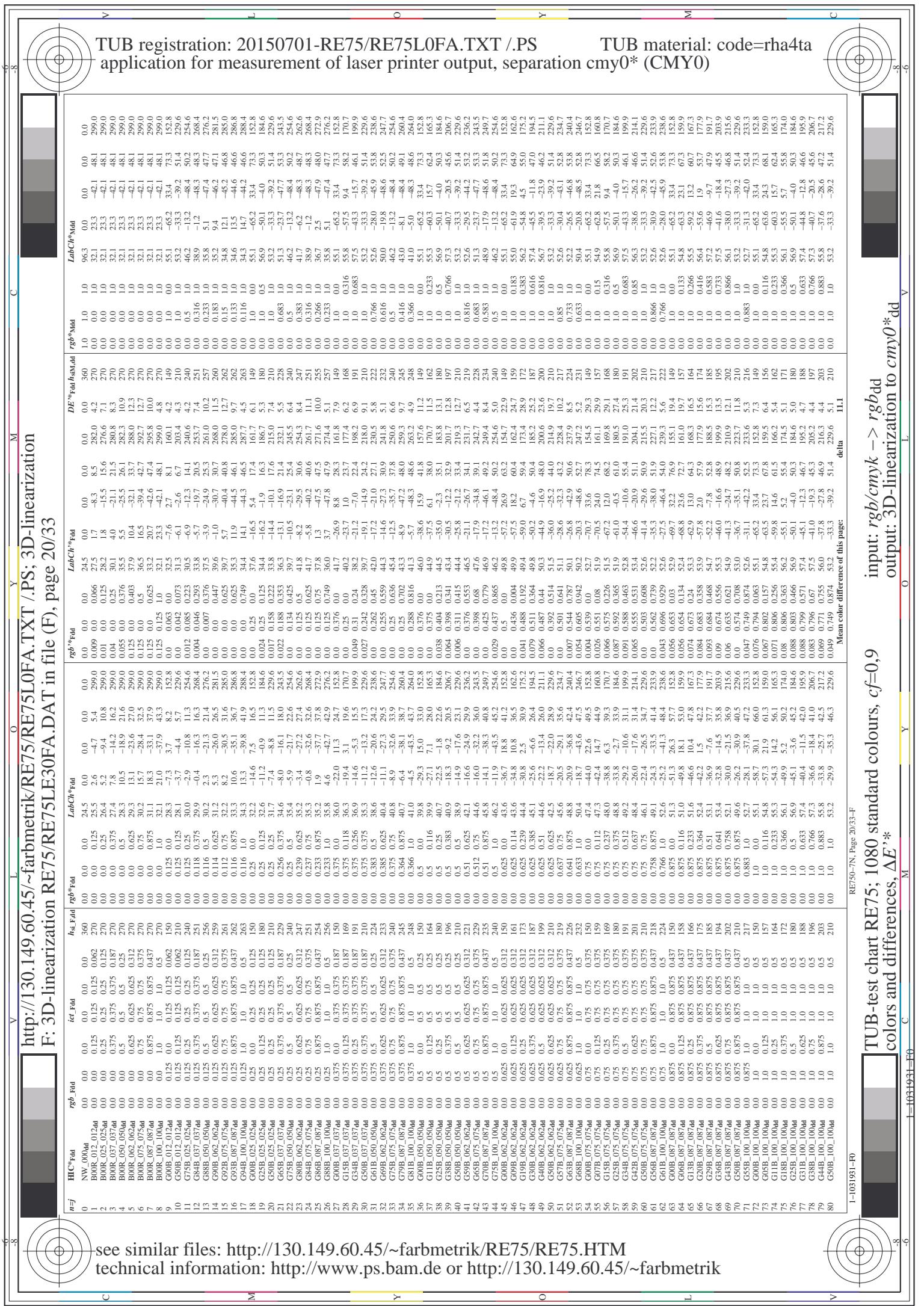
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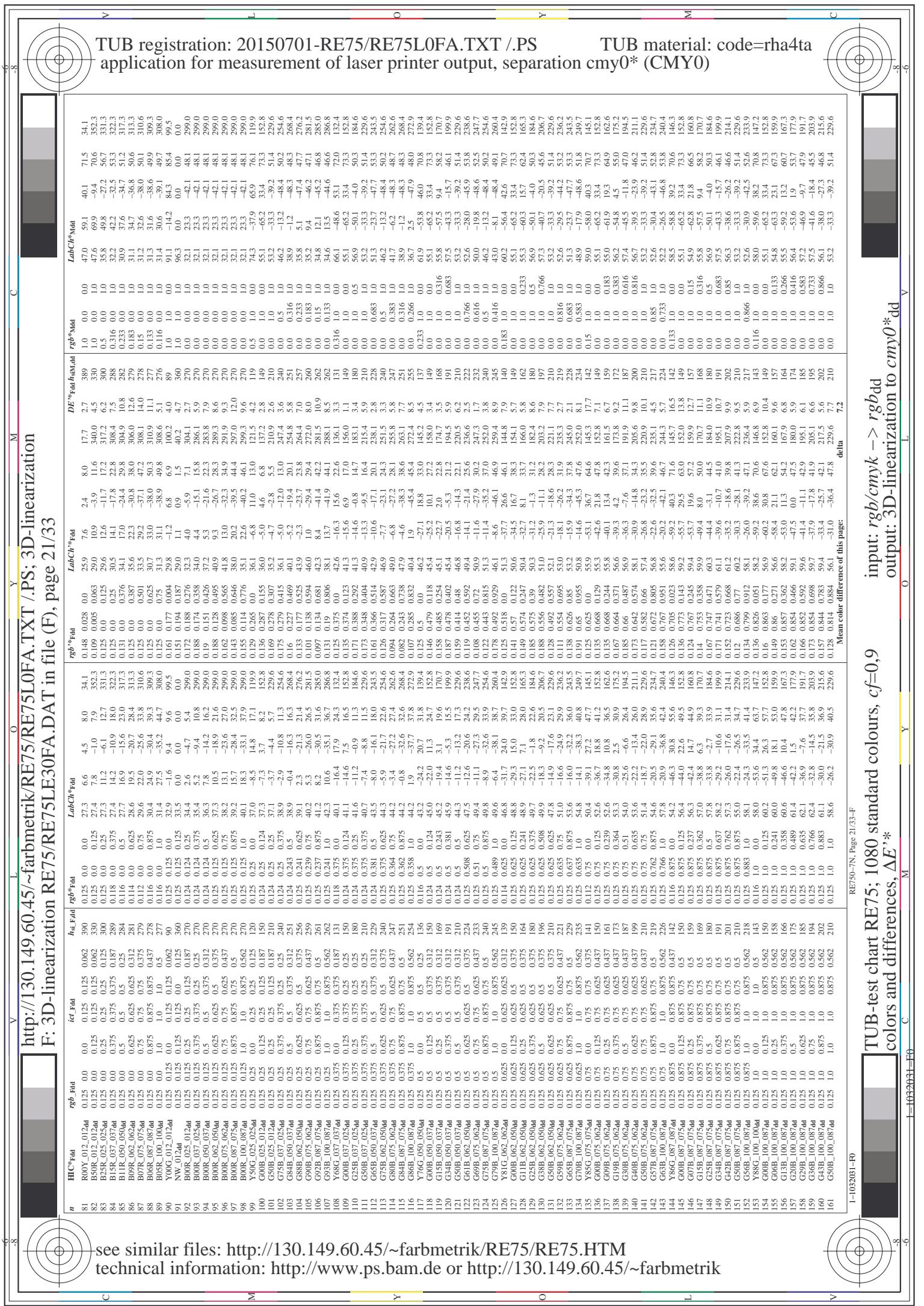
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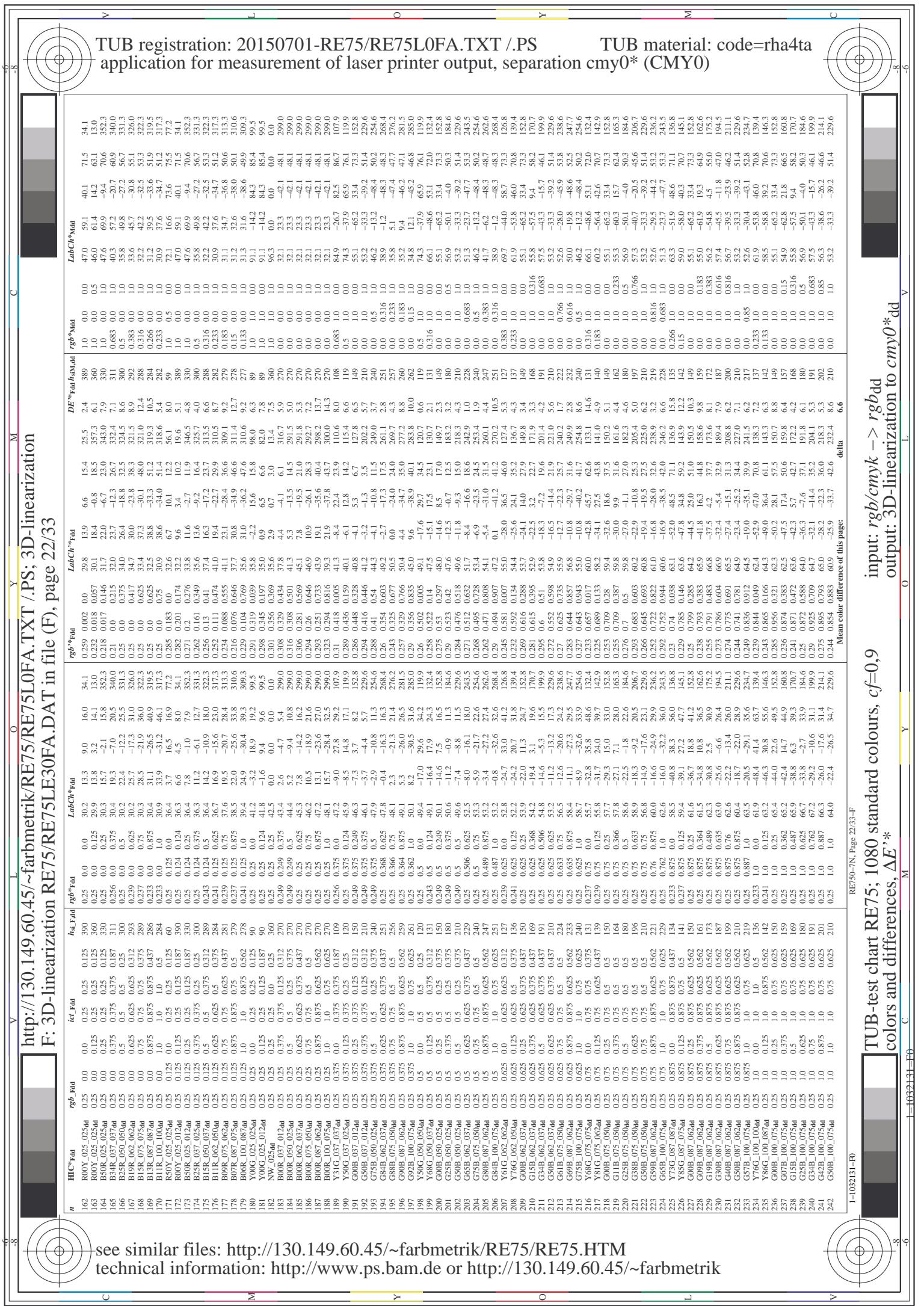
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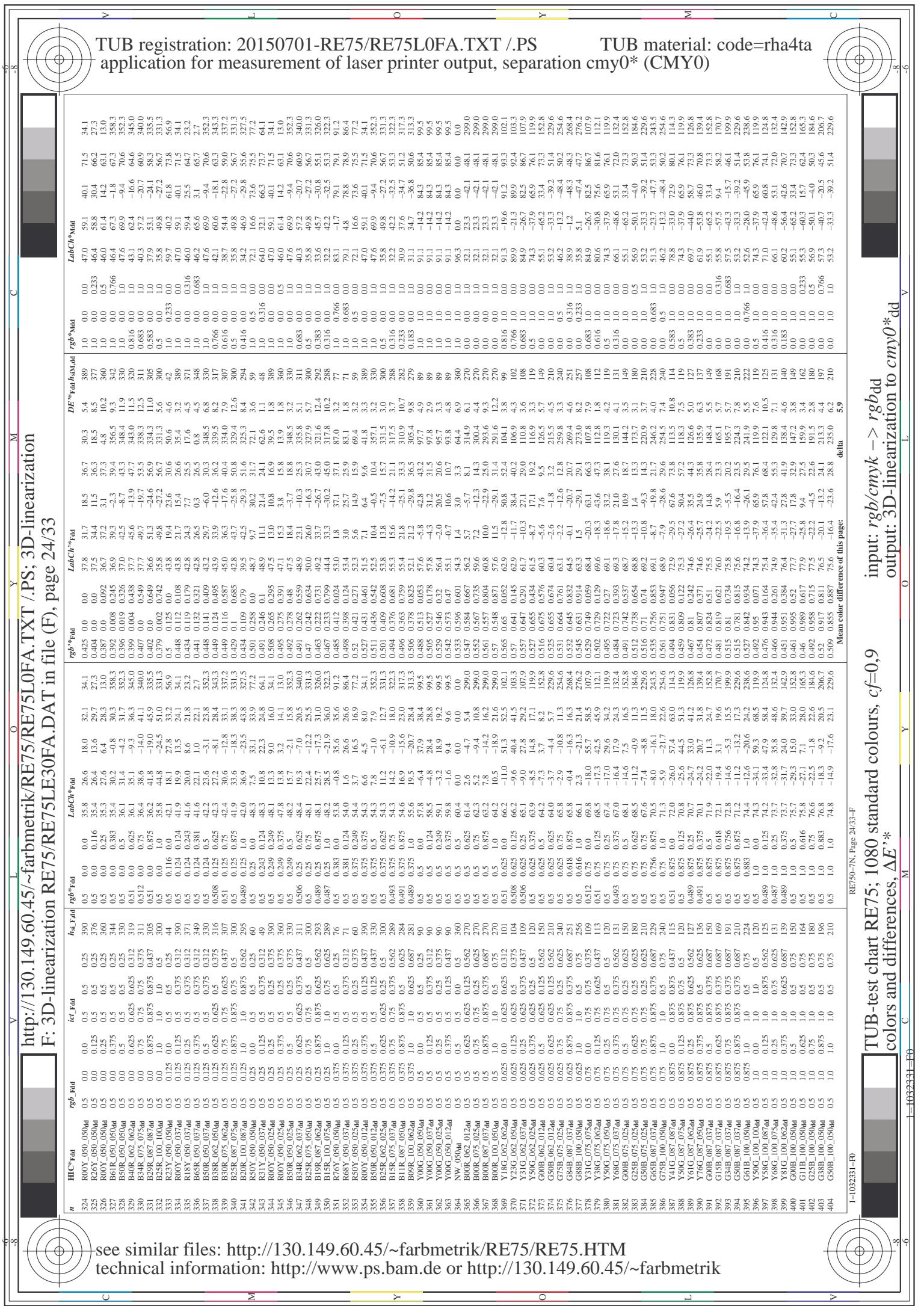


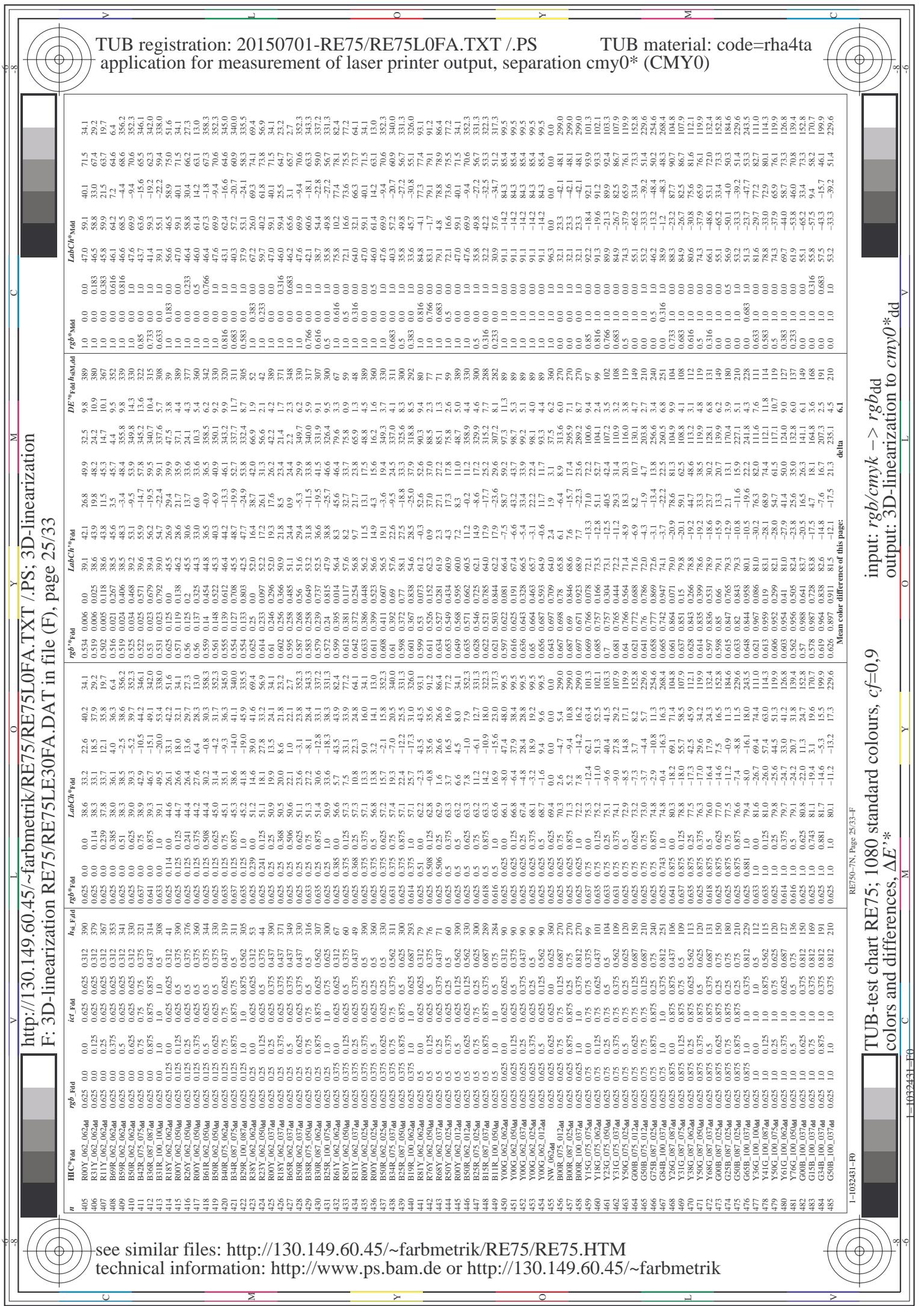


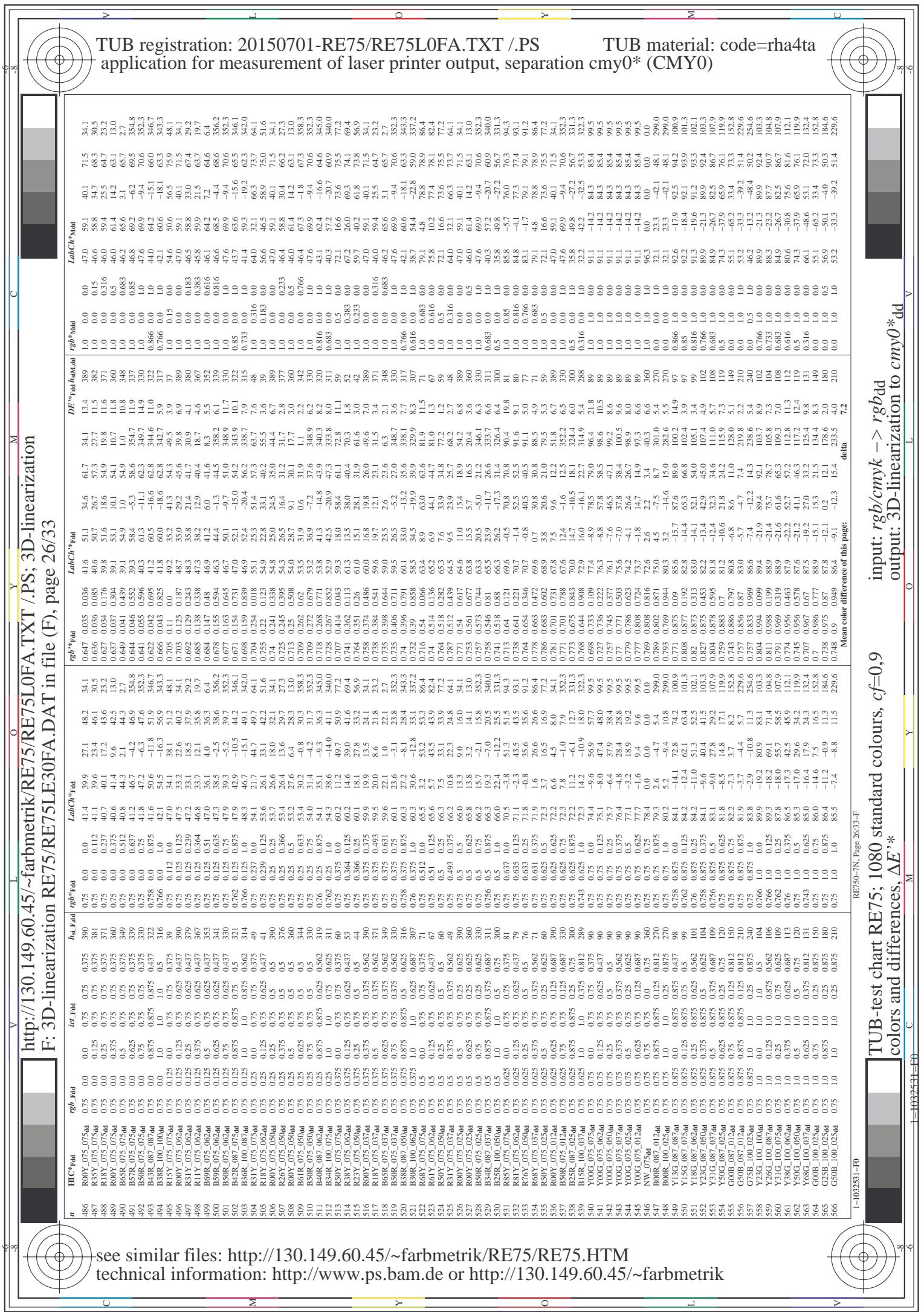
TUB registration: 20150701-RE75/RE75L0FA.TXT/.PS TUB material: code=rha4ta  
application for measurement of laser printer output, separation cmy0\* (CMY0)

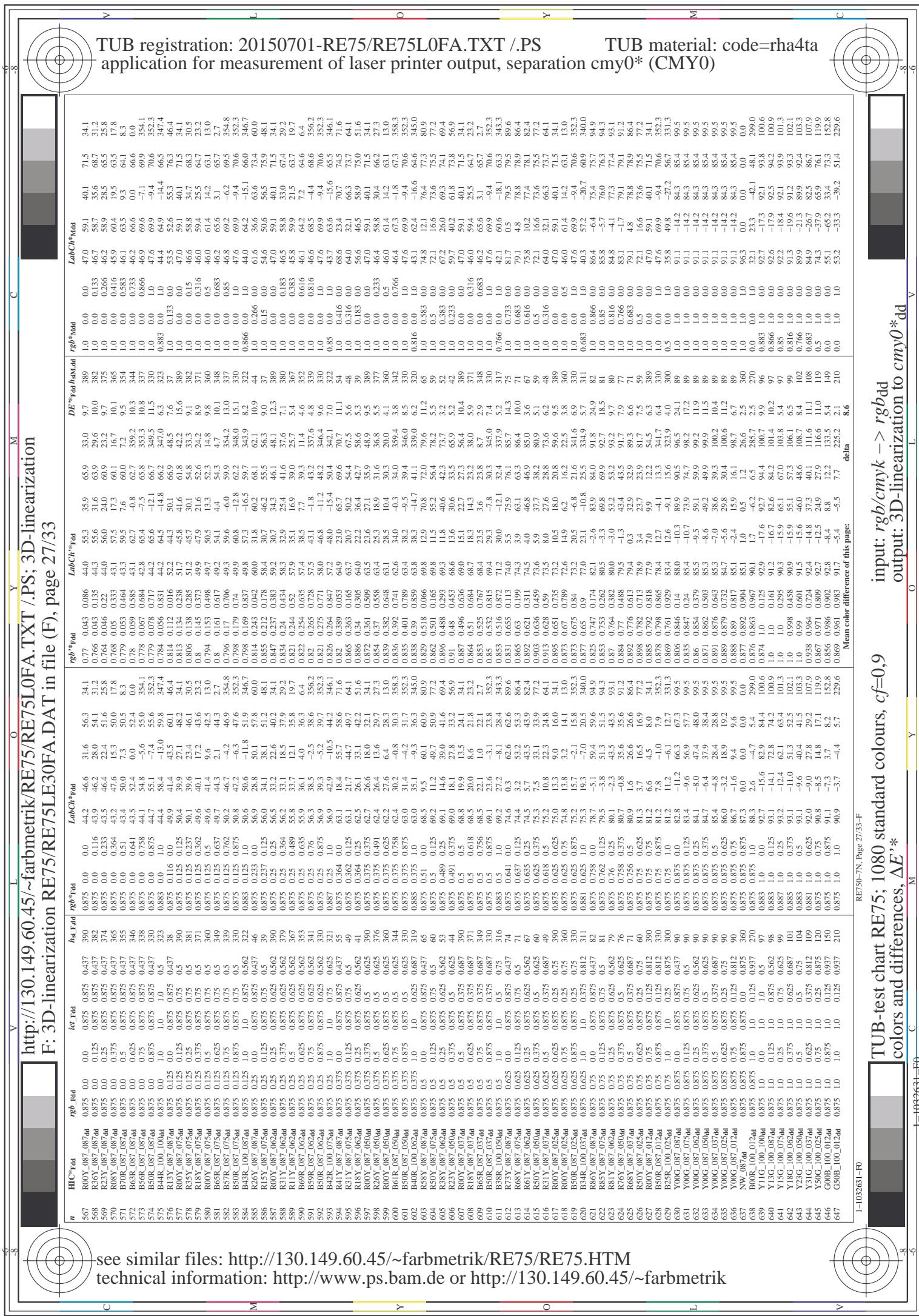
input: *rgb/cmyk* -> *rgbdd*  
output: 3D-linearization to

$\frac{1}{5}$ ; 1080 standard colours,  $c_f=0,5$

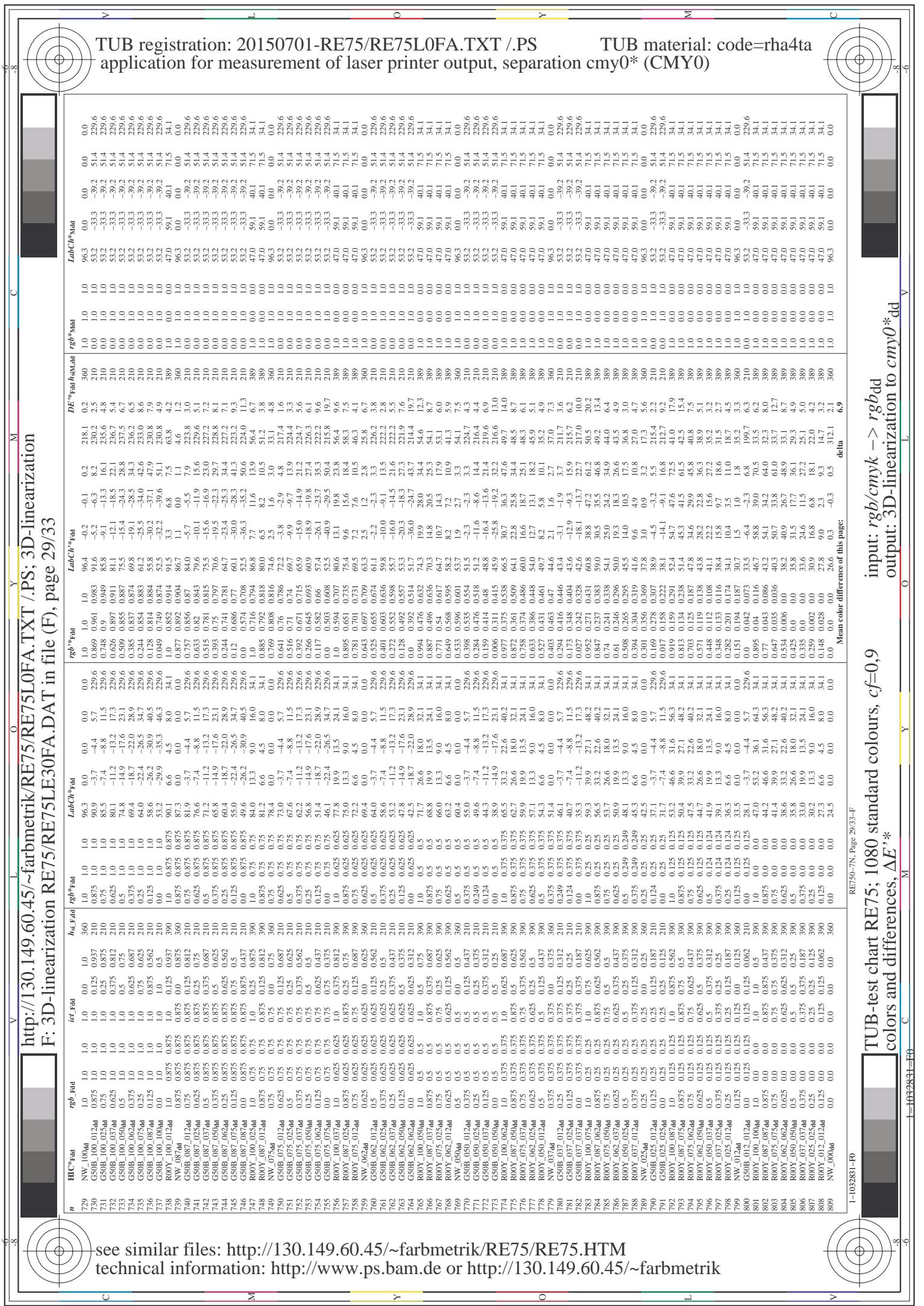


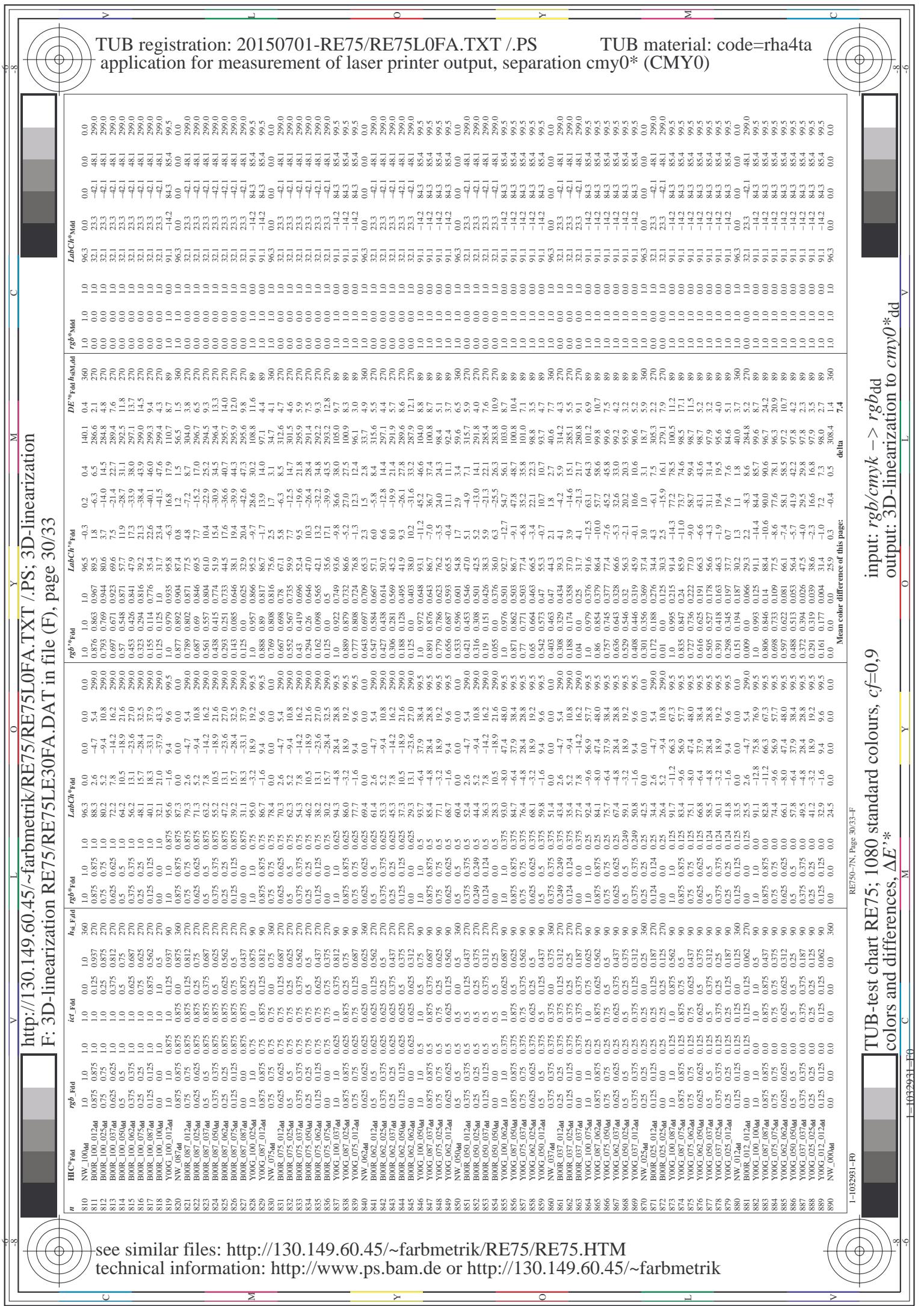


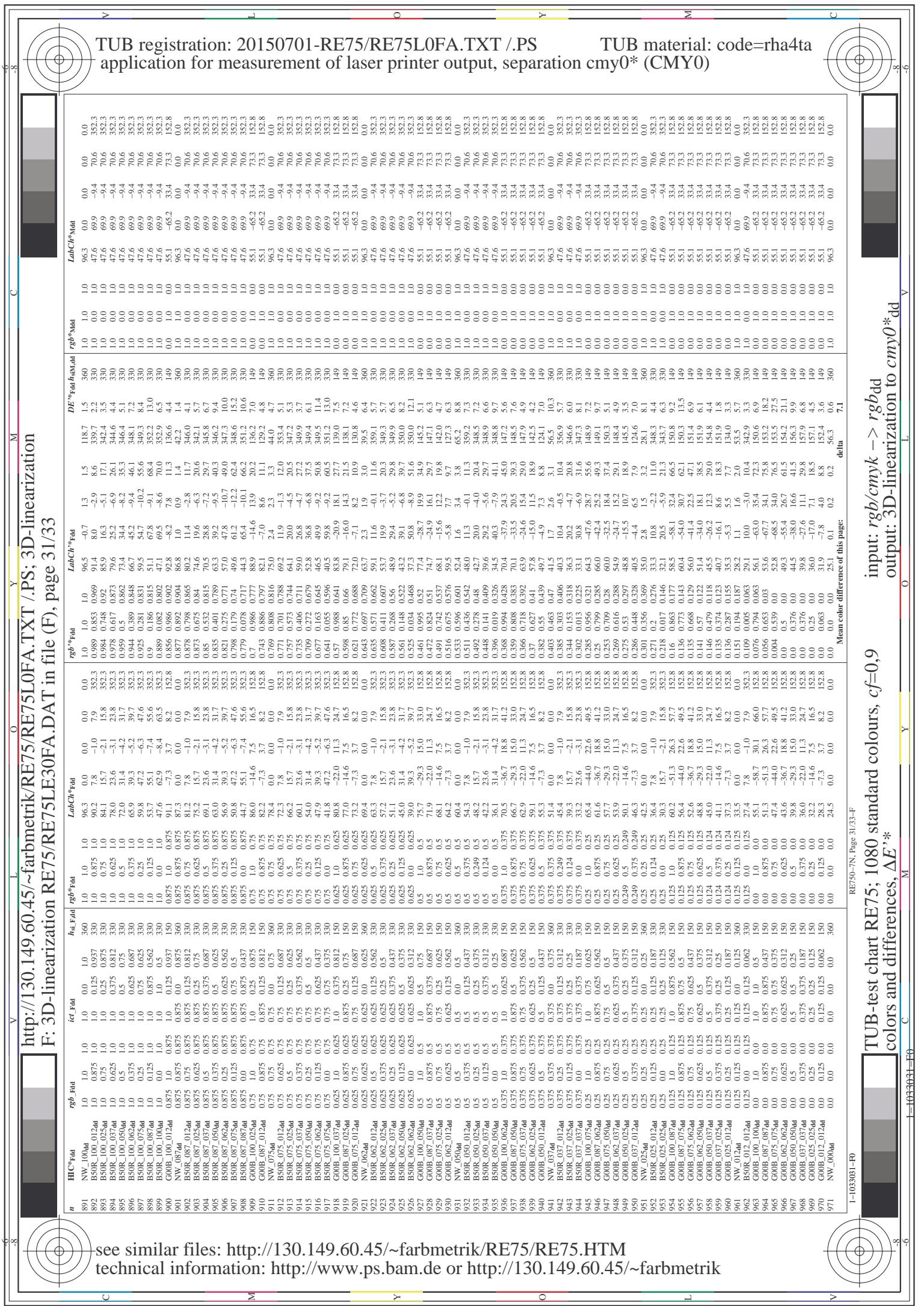




http://130.149.60.45/~farbmeprik/RE75/RE75L0FA.TXT /PS; 3D-linearization F: 3D-linearization RE75/RE75LE30FA.DAT in file (F), page 28/33	
n	RGB_Fad
648	R0Y1_100_1000dd
649	R38Y_100_1000dd
650	R26Y_100_1000dd
651	R13Y_100_1000dd
652	R0Y_100_1000dd
653	B68R_100_1000dd
654	B61R_100_1000dd
655	B63R_100_1000dd
656	B59R_100_1000dd
657	R11Y_100_1000dd
658	R0Y7_100_1000dd
659	R36Y_100_1000dd
660	R23Y_100_1000dd
661	R0Y8Y_100_1000dd
662	B70R_100_1000dd
663	R18Y_100_1000dd
664	B65R_100_1000dd
665	B59R_100_1000dd
666	R11Y_100_1000dd
667	R0Y7_100_1000dd
668	R36Y_100_1000dd
669	R23Y_100_1000dd
670	R0Y8Y_100_1000dd
671	R18Y_100_1075dd
672	B65R_100_1075dd
673	B57R_100_1075dd
674	B59R_100_1075dd
675	R13Y_100_1075dd
676	R26Y_100_1075dd
677	R0Y8Y_100_1075dd
678	R36Y_100_1075dd
679	R23Y_100_1075dd
680	R0Y8Y_100_1075dd
681	B65R_100_1062dd
682	B59R_100_1062dd
683	R18Y_100_1062dd
684	R0Y8Y_100_1062dd
685	R36Y_100_1062dd
686	R23Y_100_1062dd
687	R0Y8Y_100_1062dd
688	B65R_100_1062dd
689	B59R_100_1062dd
690	R18Y_100_1062dd
691	B61R_100_1062dd
692	B59R_100_1062dd
693	R18Y_100_1062dd
694	R0Y8Y_100_1062dd
695	R36Y_100_1062dd
696	R23Y_100_1062dd
697	R0Y8Y_100_1075dd
698	R36Y_100_1075dd
699	R23Y_100_1075dd
700	R0Y8Y_100_1075dd
701	B59R_100_1075dd
702	R18Y_100_1075dd
703	R26Y_100_1075dd
704	R0Y8Y_100_1075dd
705	R36Y_100_1075dd
706	R23Y_100_1075dd
707	R0Y8Y_100_1075dd
708	R36Y_100_1075dd
709	R23Y_100_1075dd
710	R0Y8Y_100_1075dd
711	B68R_100_1075dd
712	R61Y_100_1075dd
713	R59Y_100_1075dd
714	R81Y_100_1075dd
715	R76Y_100_1075dd
716	R89Y_100_1075dd
717	R50Y_100_1075dd
718	R0Y8Y_100_1075dd
719	B50R_100_1075dd
720	R50Y_100_1075dd
721	R0YG_100_1075dd
722	R0YG_100_1075dd
723	Y00G_100_1075dd
724	R50Y_100_1075dd
725	Y00G_100_1075dd
726	Y00G_100_1075dd
727	Y00G_100_1075dd
728	NW_100_1075dd

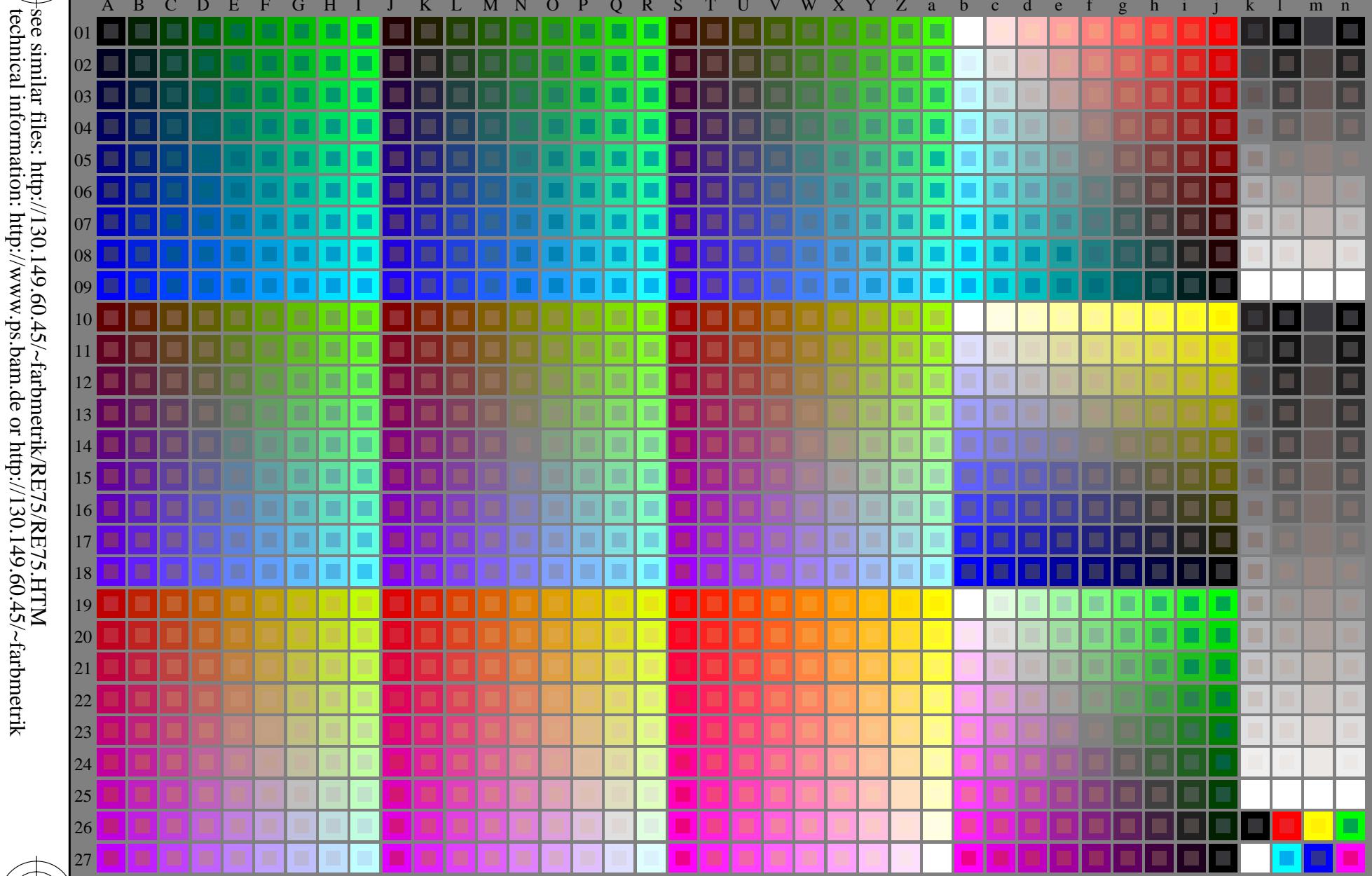










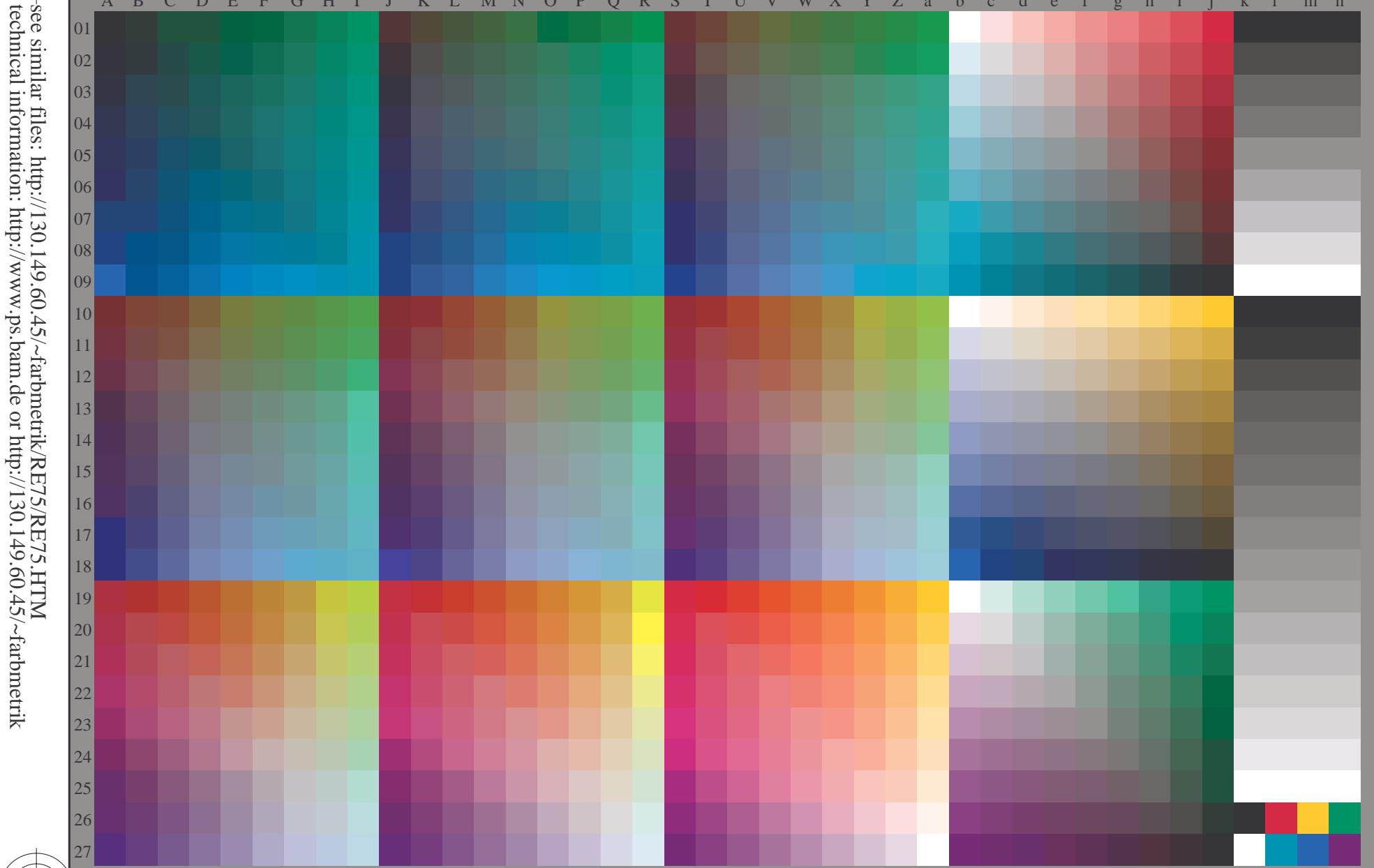


RE7511A

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

TUB material: code=rha4ta  
TUB-test chart RE75; 1080 standard colours,  $cf=0.9$   
Test chart according to DIN 33872, 3D=1, de=1, cmy0\*

v L o Y M C  
http://130.149.60.45/~farbmertik/RE75/RE75L0FA.TXT/.PS; 3D-linearization  
F: 3D-linearization RE75/RE75LE30FA.DAT in file (F), page 2/33

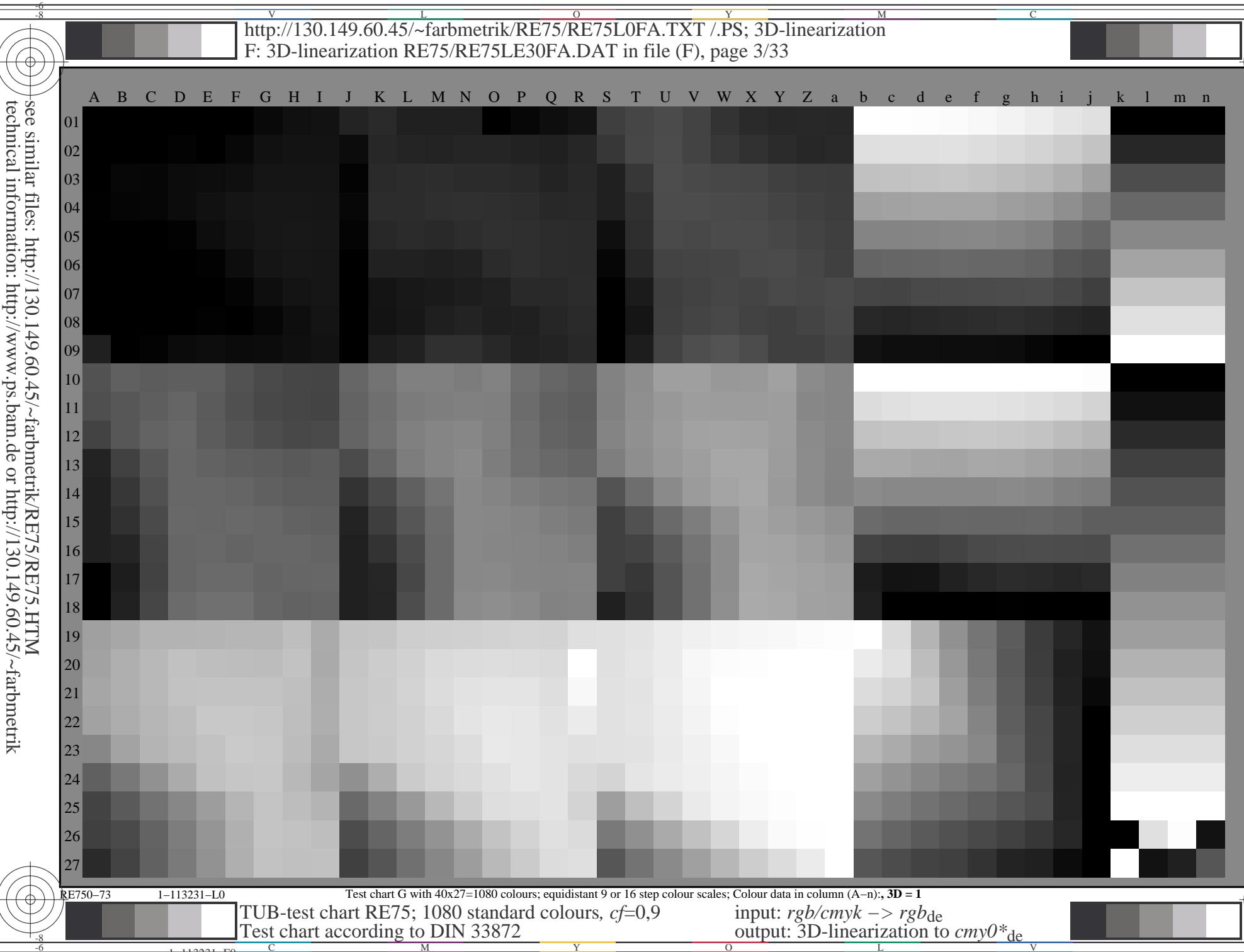


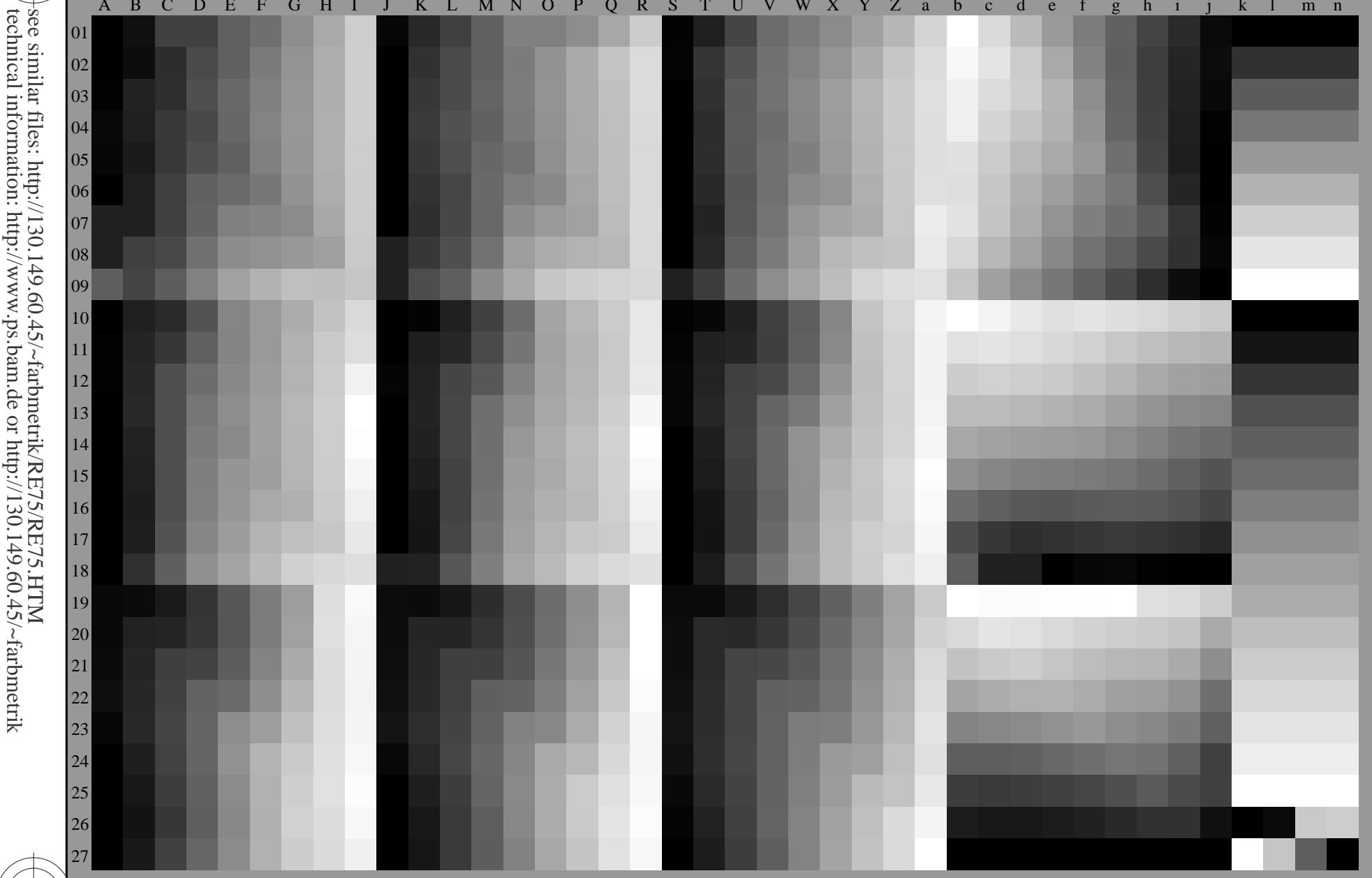
TUB-test chart RE75; 1080 standard colours,  $cf=0.9$   
Test chart according to DIN 33872, 3D=1, de=1, cmy0\*

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

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

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/~farbmertik/RE75/RE75.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmertik>

RE750-73

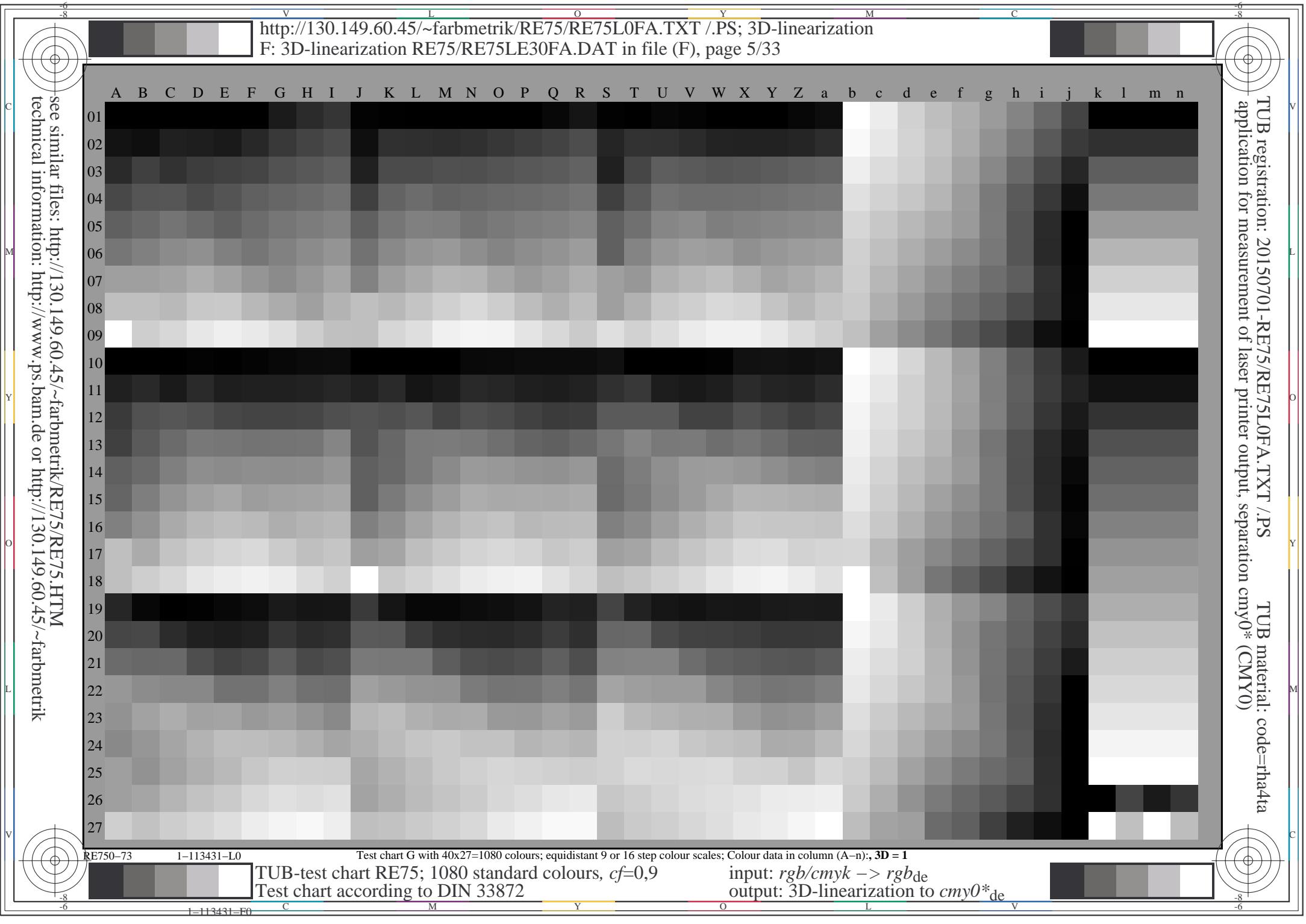
1-113331-L0

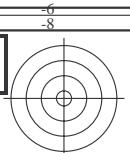
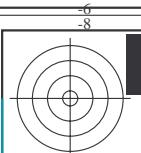
Test chart G with 40x27=1080 colours; equidistant 9 or 16 step colour scales; Colour data in column (A-n); 3D = 1

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

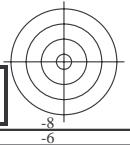
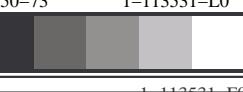
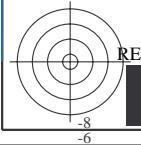
input:  $rgb/cmyk \rightarrow rgb_{de}$   
output: 3D-linearization to  $cmy0^*_{de}$

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





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

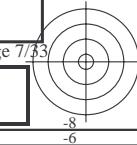


TUB-test chart RE75; 1080 standard colours,  $cf=0,9$   
Test chart according to DIN 33872

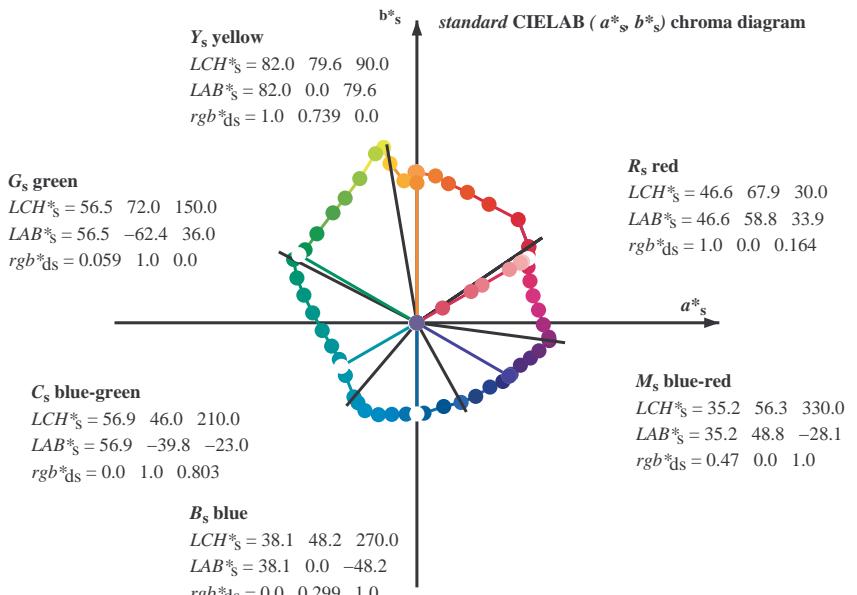
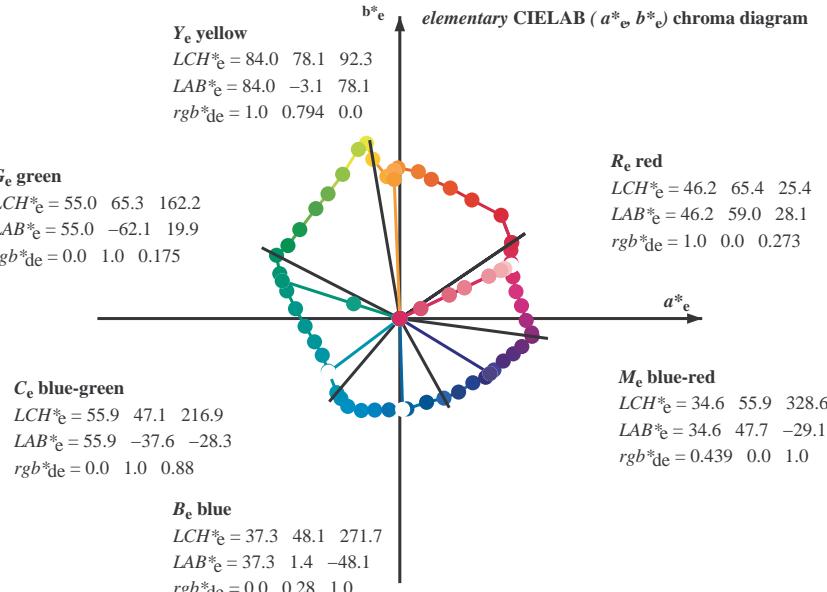
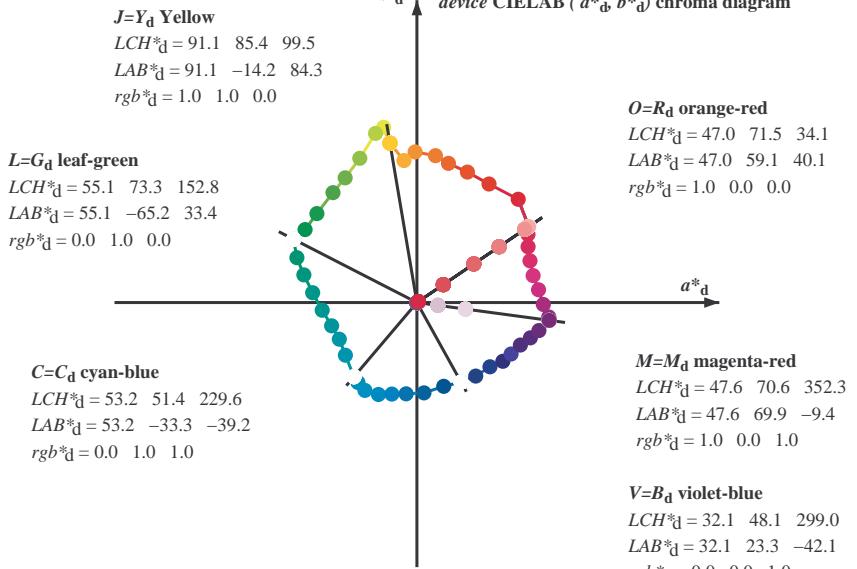
input:  $rgb/cm\text{y}k \rightarrow rg\text{b}_{de}$   
output: 3D-linearization to  $c\text{m}\text{y}0^*_{de}$



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



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



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

- For the  $rgb^*_d$ -input values the CIELAB data  $LCH^*_d$  and  $LAB^*_d$  have been calculated.
- For the calculation of the standard hue angle  $h_{ab,s}$  use for any device values  $rgb^*_d$  the equation:  

$$h_{ab,s} = atan [ r_d^* \cos(30) + g_d^* \cos(150) ] / [ r_d^* \sin(30) + g_d^* \sin(150) + b_d^* \sin(270) ] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles  $h_{ab,s}$  of the colours of maximum chroma use the seven hue angles of the 60 degree colours  $s: h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$  (i=0,6) and the equations for a 48 and 360 step hue circle:  

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

$$h_{360ab,si,j} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$
- For the 48 or 360 elementary hue angles  $h_{ab,e}$  of the colours of maximum chroma use the seven hue angles of the elementary colours  $e: h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$  (i=0,6) and the equations for a 48 and 360 step elementary hue circle:  

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

$$h_{360ab,ei,j} = h_{ab,ei} + j [ h_{ab,ei+1} - h_{ab,ei} ] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$
- For any elementary hue angle  $h_{ab,e}$  there is a well defined device hue angle  $h_{ab,d}$  see the following tables, columns 1 to 5 or 1 to 4.
- The values  $rgb^*_{de}$  produce the output of the device-independent elementary hues

C		M		Y		O		L		V		N		P		F		R		G		B		A																																																																								
6 -8		8 -6		V		L		O		Y		M		C		6 -8		C		6 -8		C		6 -8																																																																								
http://130.149.60.45/~farbm/RE75/RE75L0FA.TXT/.PS; 3D-linearization		TUB registration: 20150701-RE75/RE75L0FA.TXT/.PS		application for measurement of laser printer output, separation cmy0*		TUB material: code=rha4ta		see similar files: http://130.149.60.45/~farbm/RE75/RE75.HTM		technical information: http://www.ps.bam.de or http://130.149.60.45/~farbm/		Six hue angles of the device colours RYGCBM <sub>d</sub> : h <sub>ab,d</sub> = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours RYGCBM <sub>e</sub> : h <sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6		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 <sub>s</sub> : h <sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;		48 step hue circles; rgb-LabCh*tables		input: rgb/cmyk → rgbd <sub>de</sub>		output: 3D-linearization to cmy0* <sub>de</sub>		rgbd*dd*rgb*de		rgbd*dd*rgb*ds		rgbd*dd*rgb*de		rgbd*dd*rgb*de		rgbd*dd*rgb*de		rgbd*dd*rgb*de																																																																
C		M		Y		O		L		V		N		P		F		R		G		B		A																																																																								
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 0.031 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 -269 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 -64.2 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 54.2 -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 0.1 1.0 32.1 23.3 -42.1 48.1 299.0 0.0 0.1 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 49.6 307 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 0.75 0.0 1.0 41.9 60.0 -18.6 62.9 342 0.204 0.0 1.0 31.1 36.0 -35.9 50.9 315 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 0.867 0.0 1.0 44.1 64.3 -15.0 66.0 346 0.31 0.0 1.0 32.1 41.9 -32.6 53.2 322 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 1.0 0.0 1.0 47.7 70.0 -9.3 70.6 352 0.47 0.0 1.0 35.3 48.8 -28.1 56.4 330 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 1.0 0.0 0.883 47.0 69.8 -7.6 70.2 353 0.612 0.0 1.0 38.7 54.2 -22.9 58.9 337 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 1.0 0.0 0.75 46.3 66.9 -0.9 66.9 359 0.815 0.0 1.0 43.1 62.4 -16.6 64.6 345 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 1.0 0.0 0.633 46.1 64.6 6.3 64.9 365 0.992 0.0 1.0 47.4 69.7 -9.7 70.3 352 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 1.0 0.0 0.5 46.1 61.5 14.3 63.1 373 1.0 0.0 0.734 46.3 66.6 0.0 66.6 360 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 1.0 0.0 0.383 45.9 60.0 21.6 63.7 379 1.0 0.0 0.607 46.1 64.0 7.9 64.5 367 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 1.0 0.0 0.25 46.4 58.8 29.6 65.8 386 1.0 0.0 0.467 46.0 61.1 16.4 63.3 375 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 1.0 0.0 0.133 46.7 58.8 35.6 68.7 391 1.0 0.0 0.341 46.0 59.6 24.1 64.3 382 1.0 0.0 0.439 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 1.0 0.0 0.0 47.1 59.2 40.2 71.5 394 1.0 0.0 0.165 46.6 58.8 34.0 67.9 390 1.0

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd64M$	$LAB^*ddx64M$ (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	1.0 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	1.0 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	1.0 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	1.0 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	1.0 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	1.0 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	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	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	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	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	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	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	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	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	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	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	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	1.0 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	1.0 0.8 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	1.0 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	1.0 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	1.0 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	1.0 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	1.0 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	1.0 0.213 1.0 35.6 6.9 -46.9 47.5 278			
318.6	285.0	289.5	0.25 0.0 1.0	30.9 38.6 -34.0 51.4 318.6	318.6	1.0 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	1.0 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	1.0 0.015 0.0 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	1.0 0.101 0.0 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	1.0 0.197 0.0 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	1.0 0.292 0.0 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	1.0 0.44 0.0 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	1.0 0.577 0.0 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	1.0 0.753 0.0 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	1.0 0.932 0.0 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	1.0 0.993 0.0 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 0.736 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 0.576 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 0.439 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 0.274 46.3 59.1 28.1 65.4 385			

RE750-73 1-113831-L0  
 TUB-test chart RE75; 1080 standard colours, cf=0.9  
 48 step hue circles; rgb-LabCh\*tables  
 1-113831-F0

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

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

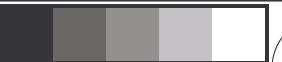
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6\*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGCBM<sub>s</sub>;  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Six hue angles of the device colours RYGCBM<sub>d</sub>;  $h_{ab,d}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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361M$	$LAB^*ddx361Mi$ (x=LabCh)	$rgb^*ds361Mi$	$LAB^*dsx361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*de361Mi$	$LAB^*dex361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*dd$	$rgb^*ds$	$rgb^*de$
34	30	25	1.0 0.0 0.0	47.0 59.1 40.1	1.0 0.165 46.6	58.8 34.0 67.9	1.0 0.0 0.0	1.0 0.0 0.274	46.3 59.1 28.1	65.4 25	R <sub>d</sub>	R <sub>e</sub>	R <sub>d</sub>
35	31	26	1.0 0.016 0.0	47.8 58.6 42.1	1.0 0.139 46.7	58.8 35.3 68.6	1.0 0.0 0.0	1.0 0.0 0.252	46.4 58.8 29.4	65.8 26			
37	32	27	1.0 0.033 0.0	48.6 58.0 44.0	1.0 0.103 46.8	58.8 36.8 69.4	1.0 0.0 0.0	1.0 0.0 0.224	46.4 58.8 30.9	66.5 27			
38	33	28	1.0 0.05 0.0	49.4 57.3 46.0	1.0 0.056 46.9	59.0 38.3 70.4	1.0 0.0 0.0	1.0 0.0 0.195	46.5 58.9 32.4	67.2 28			
40	34	29	1.0 0.066 0.0	50.2 56.6 47.9	1.0 0.008 47.0	59.2 39.9 71.4	1.0 0.0 0.0	1.0 0.0 0.167	46.6 58.8 33.9	67.9 29			
41	35	31	1.0 0.083 0.0	51.0 55.8 49.8	1.0 0.009 47.5	58.9 41.2 71.9	1.0 0.0 0.0	1.0 0.0 0.138	46.7 58.8 35.4	68.6 31			
43	36	32	1.0 0.1 0.0	51.8 55.0 51.7	1.0 0.02 0.0	58.5 42.5 72.3	1.0 0.0 0.0	1.0 0.0 0.096	46.8 58.9 37.0	69.5 32			
44	37	33	1.0 0.116 0.0	52.6 54.0 53.6	1.0 0.031 0.0	58.1 43.8 72.8	1.0 0.0 0.0	1.0 0.0 0.043	46.9 59.1 38.8	70.6 33			
46	38	34	1.0 0.133 0.0	53.5 52.6 55.3	1.0 0.042 0.0	57.7 45.1 73.2	1.0 0.0 0.0	1.0 0.002 0.0	47.2 59.1 40.5	71.6 34			
48	39	35	1.0 0.15 0.0	54.6 50.6 56.5	1.0 0.053 0.0	57.2 46.4 73.7	1.0 0.0 0.0	1.0 0.015 0.0	47.8 58.7 41.9	72.1 35			
49	40	36	1.0 0.166 0.0	55.6 48.5 57.7	1.0 0.064 0.0	56.8 47.6 74.1	1.0 0.0 0.0	1.0 0.027 0.0	48.3 58.3 43.3	72.6 36			
51	41	37	1.0 0.183 0.0	56.6 46.5 58.9	1.0 0.075 0.0	56.3 48.9 74.5	1.0 0.0 0.0	1.0 0.039 0.0	48.9 57.8 44.7	73.1 37			
53	42	38	1.0 0.2 0.0	57.7 44.4 59.9	1.0 0.086 0.0	55.7 50.2 75.0	1.0 0.0 0.0	1.0 0.051 0.0	49.5 57.3 46.2	73.6 38			
55	43	39	1.0 0.216 0.0	58.7 42.3 60.9	1.0 0.097 0.0	55.2 51.4 75.4	1.0 0.0 0.0	1.0 0.064 0.0	50.1 56.8 47.6	74.1 39			
56	44	41	1.0 0.233 0.0	59.7 40.2 61.8	1.0 0.108 0.0	54.6 52.7 75.9	1.0 0.0 0.0	1.0 0.076 0.0	50.7 56.2 49.0	74.6 41			
58	45	42	1.0 0.25 0.0	60.8 38.1 62.7	1.0 0.119 0.0	54.0 54.0 76.3	1.0 0.0 0.0	1.0 0.088 0.0	51.3 55.6 50.4	75.1 42			
60	46	43	1.0 0.266 0.0	61.6 36.6 63.6	1.0 0.129 0.0	53.1 55.0 76.4	1.0 0.0 0.0	1.0 0.027 0.0	51.9 55.0 51.8	75.6 43			
61	47	44	1.0 0.283 0.0	62.4 35.2 64.6	1.0 0.139 0.0	52.0 55.7 76.2	1.0 0.0 0.0	1.0 0.113 0.0	52.5 54.3 53.2	76.0 44			
62	48	45	1.0 0.3 0.0	63.2 33.7 65.4	1.0 0.148 0.0	50.8 56.4 76.0	1.0 0.0 0.0	1.0 0.125 0.0	53.0 53.6 54.6	76.5 45			
64	49	46	1.0 0.316 0.0	64.0 32.1 66.3	1.0 0.158 0.0	49.7 57.1 75.7	1.0 0.0 0.0	1.0 0.135 0.0	53.7 52.4 55.5	76.3 46			
65	50	47	1.0 0.333 0.0	64.8 30.6 67.1	1.0 0.167 0.0	48.5 57.8 75.5	1.0 0.0 0.0	1.0 0.146 0.0	54.4 51.1 56.3	76.0 47			
66	51	48	1.0 0.35 0.0	65.6 29.0 67.9	1.0 0.177 0.0	47.4 58.5 75.2	1.0 0.0 0.0	1.0 0.157 0.0	55.0 49.8 57.1	75.8 48			
68	52	49	1.0 0.366 0.0	66.4 27.5 68.6	1.0 0.186 0.0	46.2 59.1 75.0	1.0 0.0 0.0	1.0 0.167 0.0	55.7 48.5 57.8	75.5 49			
69	53	51	1.0 0.383 0.0	67.2 26.0 69.3	1.0 0.196 0.0	45.0 59.7 74.8	1.0 0.0 0.0	1.0 0.178 0.0	56.3 47.2 58.5	75.2 51			
70	54	52	1.0 0.4 0.0	67.9 24.7 70.0	1.0 0.205 0.0	43.8 60.3 74.5	1.0 0.0 0.0	1.0 0.188 0.0	57.0 45.9 59.2	75.0 52			
71	55	53	1.0 0.416 0.0	68.6 23.4 70.7	1.0 0.215 0.0	42.6 60.9 74.3	1.0 0.0 0.0	1.0 0.199 0.0	57.6 44.6 59.9	74.7 53			
72	56	54	1.0 0.433 0.0	69.3 22.1 71.3	1.0 0.224 0.0	41.4 61.4 74.1	1.0 0.0 0.0	1.0 0.209 0.0	58.3 43.3 60.5	74.4 54			
73	57	55	1.0 0.45 0.0	70.0 20.8 71.9	1.0 0.234 0.0	40.2 61.9 73.8	1.0 0.0 0.0	1.0 0.22 0.0	58.9 41.9 61.2	74.2 55			
74	58	56	1.0 0.466 0.0	70.7 19.4 72.5	1.0 0.243 0.0	39.0 62.4 73.6	1.0 0.0 0.0	1.0 0.231 0.0	59.6 40.6 61.7	73.9 56			
76	59	57	1.0 0.483 0.0	71.4 18.0 73.1	1.0 0.254 0.0	37.8 62.9 73.4	1.0 0.0 0.0	1.0 0.241 0.0	60.3 39.3 62.3	73.6 57			
77	60	58	1.0 0.5 0.0	72.1 16.6 73.6	1.0 0.266 0.0	36.7 63.6 73.5	1.0 0.0 0.0	1.0 0.252 0.0	60.9 37.9 62.9	73.4 58			
77	61	60	1.0 0.516 0.0	72.7 15.8 74.2	1.0 0.278 0.0	35.7 64.3 73.5	1.0 0.0 0.0	1.0 0.266 0.0	61.6 36.7 63.6	73.5 60			
78	62	61	1.0 0.533 0.0	73.2 14.9 74.7	1.0 0.291 0.0	34.6 65.0 73.6	1.0 0.0 0.0	1.0 0.28 0.0	62.3 35.5 64.4	73.6 61			
79	63	62	1.0 0.55 0.0	73.7 14.0 75.3	1.0 0.303 0.0	33.4 65.6 73.7	1.0 0.0 0.0	1.0 0.293 0.0	62.9 34.3 65.1	73.6 62			
80	64	63	1.0 0.566 0.0	74.3 13.0 75.8	1.0 0.315 0.0	32.3 66.3 73.7	1.0 0.0 0.0	1.0 0.307 0.0	63.6 33.1 65.9	73.7 63			
80	65	64	1.0 0.583 0.0	74.8 12.1 76.4	1.0 0.328 0.0	31.2 66.9 73.8	1.0 0.0 0.0	1.0 0.321 0.0	64.3 31.8 66.6	73.8 64			
81	66	65	1.0 0.6 0.0	75.3 11.2 76.9	1.0 0.34 0.0	30.0 67.5 73.9	1.0 0.0 0.0	1.0 0.335 0.0	64.9 30.5 67.2	73.8 65			
82	67	66	1.0 0.616 0.0	75.8 10.2 77.4	1.0 0.352 0.0	28.9 68.0 73.9	1.0 0.0 0.0	1.0 0.348 0.0	65.6 29.2 67.9	73.9 66			
83	68	67	1.0 0.633 0.0	76.5 9.1 77.8	1.0 0.365 0.0	27.7 68.6 74.0	1.0 0.0 0.0	1.0 0.362 0.0	66.3 27.9 68.5	74.0 67			
84	69	68	1.0 0.65 0.0	77.4 7.6 78.2	1.0 0.377 0.0	26.5 69.1 74.1	1.0 0.0 0.0	1.0 0.376 0.0	66.9 26.6 69.1	74.0 68			
85	70	70	1.0 0.666 0.0	78.3 6.2 78.5	1.0 0.392 0.0	25.4 69.8 74.2	1.0 0.0 0.0	1.0 0.393 0.0	67.6 25.3 69.8	74.2 70			
86	71	71	1.0 0.683 0.0	79.1 4.8 78.8	1.0 0.407 0.0	24.2 70.4 74.4	1.0 0.0 0.0	1.0 0.409 0.0	68.3 24.1 70.4	74.4 71			
87	72	72	1.0 0.7 0.0	80.0 3.4 79.0	1.0 0.422 0.0	23.0 70.9 74.6	1.0 0.0 0.0	1.0 0.426 0.0	69.0 22.7 71.1	74.6 72			
88	73	73	1.0 0.716 0.0	80.9 1.9 79.3	1.0 0.437 0.0	21.9 71.5 74.8	1.0 0.0 0.0	1.0 0.442 0.0	69.7 21.4 71.7	74.8 73			
89	74	74	1.0 0.733 0.0	81.7 0.5 79.5	1.0 0.452 0.0	20.7 72.0 74.9	1.0 0.0 0.0	1.0 0.459 0.0	70.5 20.1 72.3	75.0 74			
-269	75	75	1.0 0.75 0.0	82.6 -0.9 79.7	1.0 0.467 0.0	19.4 72.6 75.1	1.0 0.0 0.0	1.0 0.476 0.0	71.2 18.7 72.9	75.2 75			

RE750-73 1-113931-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  
TUB-test chart RE75; 1080 standard colours, cf=0.9  
48 step hue circles; rgb-LabCh\*tables

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

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



http://130.149.60.45/~farbmefrik/RE75/RE75L0FA.TXT /PS; 3D-linearization  
F: 3D-linearization RE75/RE75LE30FA.DAT in file (F), page 11/33

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

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

<i>h</i> <sub>ab,d</sub>	<i>h</i> <sub>ab,s</sub>	<i>h</i> <sub>ab,e</sub>	<i>rgb*</i> <sub>dd361M</sub>	<i>LAB*</i> <sub>ddx361Mi</sub> (x=LabCh)	<i>rgb*</i> <sub>ds361Mi</sub>	<i>LAB*</i> <sub>dsx361Mi</sub> (x=LabCh)	<i>rgb*</i> <sub>dd361Mi</sub>	<i>rgb*</i> <sub>de361Mi</sub>	<i>LAB*</i> <sub>dex361Mi</sub> (x=LabCh)	<i>rgb*</i> <sub>dd361Mi</sub>	<i>rgb*</i> <sub>dd361Mi</sub>	<i>rgb*</i> <sub>dd361Mi</sub>	<i>rgb*</i> <sub>dd361Mi</sub>	
-269	75	75	1.0 0.75 0.0	82.6 -0.9 79.7 79.7 -269	<i>R<sub>d</sub></i>	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	1.0 0.75 0.0	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	1.0 0.767 0.0	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	1.0 0.783 0.0	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	1.0 0.8 0.0	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	1.0 0.817 0.0	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	1.0 0.833 0.0	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	1.0 0.85 0.0	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	1.0 0.867 0.0	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	1.0 0.883 0.0	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	1.0 0.9 0.0	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	1.0 0.917 0.0	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	1.0 0.933 0.0	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	1.0 0.95 0.0	1.0 0.95 0.0	
98	88	89	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	1.0 0.967 0.0	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	1.0 0.983 0.0	1.0 0.983 0.0	
99	90	92	1.0 1.0 0.0	91.1 -14.2 84.3 85.4 99	<i>Y<sub>d</sub></i>	1.0 0.739 0.0	82.1 0.0 79.6 79.6 90	<i>Y<sub>s</sub></i>	1.0 1.0 0.0	1.0 0.795 0.0	84.1 -3.1 78.1 78.2 92	<i>Y<sub>e</sub></i>	1.0 1.0 0.0	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 0.0	85.6 -5.2 76.4 76.6 94		0.933 1.0 0.0	1.0 0.925 0.0	88.5 -9.5 78.9 79.5 96		0.933 1.0 0.0	
100	95	98	0.916 1.0 0.0	92.3 -16.4 89.9 91.4 100		1.0 0.869 0.0	86.5 -6.5 75.4 75.7 95		0.917 1.0 0.0	1.0 0.958 0.0	89.7 -11.5 81.3 82.2 98		0.917 1.0 0.0	
100	96	99	0.9 1.0 0.0	92.5 -16.9 91.0 92.6 100		1.0 0.897 0.0	87.5 -8.0 76.8 77.3 96		0.9 1.0 0.0	1.0 0.992 0.0	90.8 -13.6 83.7 84.8 99		0.9 1.0 0.0	
100	97	100	0.883 1.0 0.0	92.7 -17.3 92.1 93.8 100		1.0 0.926 0.0	88.5 -9.6 79.0 79.5 97		0.883 1.0 0.0	1.0 0.905 1.0 0.0	92.5 -16.7 90.7 92.3 100		0.883 1.0 0.0	
100	98	101	0.866 1.0 0.0	92.6 -17.9 92.5 94.2 100		1.0 0.954 0.0	89.5 -11.3 81.0 81.8 98		0.867 1.0 0.0	1.0 0.838 1.0 0.0	91.9 -18.8 91.8 93.7 101		0.867 1.0 0.0	
101	99	102	0.85 1.0 0.0	92.2 -18.4 92.1 93.9 101		1.0 0.983 0.0	90.5 -13.1 83.1 84.1 99		0.85 1.0 0.0	0.79 1.0 0.0	90.6 -20.5 90.6 92.9 102		0.85 1.0 0.0	
101	100	103	0.833 1.0 0.0	91.7 -19.0 91.6 93.6 101		0.956 1.0 0.0	91.8 -15.3 87.3 88.6 100		0.833 1.0 0.0	0.747 1.0 0.0	89.3 -22.1 89.2 91.9 103		0.833 1.0 0.0	
102	101	105	0.816 1.0 0.0	91.3 -19.6 91.2 93.3 102		0.865 1.0 0.0	92.6 -17.9 92.5 94.2 101		0.817 1.0 0.0	0.728 1.0 0.0	88.0 -23.5 87.3 90.4 105		0.817 1.0 0.0	
102	102	106	0.8 1.0 0.0	90.8 -20.2 90.8 93.0 102		0.823 1.0 0.0	91.5 -19.3 91.4 93.5 102		0.8 1.0 0.0	0.71 1.0 0.0	86.8 -24.8 85.3 88.9 106		0.8 1.0 0.0	
102	103	107	0.783 1.0 0.0	90.3 -20.8 90.3 92.7 102		0.782 1.0 0.0	90.3 -20.8 90.3 92.7 103		0.783 1.0 0.0	0.691 1.0 0.0	85.5 -26.1 83.4 87.4 107		0.783 1.0 0.0	
103	104	108	0.766 1.0 0.0	89.9 -21.3 89.9 92.4 103		0.746 1.0 0.0	89.2 -22.1 89.1 91.8 104		0.767 1.0 0.0	0.673 1.0 0.0	84.3 -27.3 81.4 85.9 108		0.767 1.0 0.0	
103	105	109	0.75 1.0 0.0	89.4 -21.9 89.4 92.1 103		0.73 1.0 0.0	88.2 -23.3 87.5 90.6 105		0.75 1.0 0.0	0.654 1.0 0.0	83.0 -28.5 79.4 84.4 109		0.75 1.0 0.0	
104	106	110	0.733 1.0 0.0	88.3 -23.2 87.7 90.7 104		0.714 1.0 0.0	87.1 -24.5 85.8 89.3 106		0.733 1.0 0.0	0.635 1.0 0.0	81.8 -29.6 77.4 82.9 110		0.733 1.0 0.0	
105	107	112	0.716 1.0 0.0	87.2 -24.4 86.0 89.4 105		0.699 1.0 0.0	86.0 -25.6 84.2 88.0 107		0.717 1.0 0.0	0.617 1.0 0.0	80.7 -30.7 75.7 81.7 112		0.717 1.0 0.0	
106	108	113	0.7 1.0 0.0	86.1 -25.6 84.3 88.1 106		0.683 1.0 0.0	84.9 -26.7 82.5 86.7 108		0.7 1.0 0.0	0.6 1.0 0.0	79.7 -31.9 74.3 80.9 113		0.7 1.0 0.0	
107	109	114	0.683 1.0 0.0	84.9 -26.7 82.5 86.7 107		0.667 1.0 0.0	83.9 -27.7 80.8 85.4 109		0.683 1.0 0.0	0.582 1.0 0.0	78.8 -33.0 72.9 80.1 114		0.683 1.0 0.0	
108	110	115	0.666 1.0 0.0	83.8 -27.8 80.7 85.4 108		0.651 1.0 0.0	82.8 -28.7 79.1 84.2 110		0.667 1.0 0.0	0.565 1.0 0.0	77.8 -34.1 71.4 79.2 115		0.667 1.0 0.0	
110	111	116	0.65 1.0 0.0	82.7 -28.8 79.0 84.1 110		0.635 1.0 0.0	81.7 -29.6 77.4 82.9 111		0.65 1.0 0.0	0.547 1.0 0.0	76.9 -35.2 70.0 78.4 116		0.65 1.0 0.0	
111	112	117	0.633 1.0 0.0	81.6 -29.7 77.2 82.7 111		0.619 1.0 0.0	80.8 -30.5 75.9 81.8 112		0.633 1.0 0.0	0.53 1.0 0.0	75.9 -36.2 68.5 77.5 117		0.633 1.0 0.0	
112	113	119	0.616 1.0 0.0	80.6 -30.8 75.6 81.6 112		0.604 1.0 0.0	79.9 -31.6 74.6 81.1 113		0.617 1.0 0.0	0.512 1.0 0.0	75.0 -37.2 67.0 76.7 119		0.617 1.0 0.0	
113	114	120	0.6 1.0 0.0	79.7 -31.9 74.3 80.9 113		0.589 1.0 0.0	79.1 -32.6 73.4 80.4 114		0.6 1.0 0.0	0.494 1.0 0.0	74.1 -38.2 65.6 76.0 120		0.6 1.0 0.0	
114	115	121	0.583 1.0 0.0	78.8 -33.0 72.9 80.1 114		0.574 1.0 0.0	78.3 -33.6 72.2 79.7 115		0.583 1.0 0.0	0.474 1.0 0.0	73.3 -39.3 64.4 75.5 121		0.583 1.0 0.0	
115	116	122	0.566 1.0 0.0	77.9 -34.1 71.5 79.3 115		0.559 1.0 0.0	77.5 -34.5 71.0 78.9 116		0.567 1.0 0.0	0.455 1.0 0.0	72.6 -40.4 63.2 75.1 122		0.567 1.0 0.0	
116	117	123	0.55 1.0 0.0	77.0 -35.1 70.2 78.5 116		0.544 1.0 0.0	76.7 -35.4 69.7 78.2 117		0.55 1.0 0.0	0.435 1.0 0.0	71.8 -41.4 62.0 74.6 123		0.55 1.0 0.0	
117	118	124	0.533 1.0 0.0	76.1 -36.1 68.8 77.7 117		0.529 1.0 0.0	75.9 -36.3 68.4 77.5 118		0.533 1.0 0.0	0.416 1.0 0.0	71.0 -42.4 60.8 74.1 124		0.533 1.0 0.0	
118	119	126	0.516 1.0 0.0	75.2 -37.0 67.3 76.9 118		0.514 1.0 0.0	75.1 -37.1 67.2 76.8 119		0.517 1.0 0.0	0.396 1.0 0.0	70.2 -43.3 59.5 73.7 126		0.517 1.0 0.0	
119	120	127	0.5 1.0 0.0	74.3 -37.9 65.9 76.1 119		0.499 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	

BE750-73

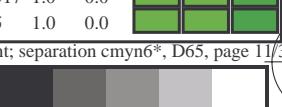
1131031-10

LAB\*1a0 YN-0% XY\*Ynw-4 1 4 3 4 8 85 9 90 9 95 3 LAB\*nw-24 6 0 0 0 96 4 0 0 0 0 not adapted adapted

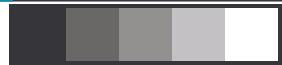
Output: Offset standard print; separation cmvny6\* D65 page 1

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

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



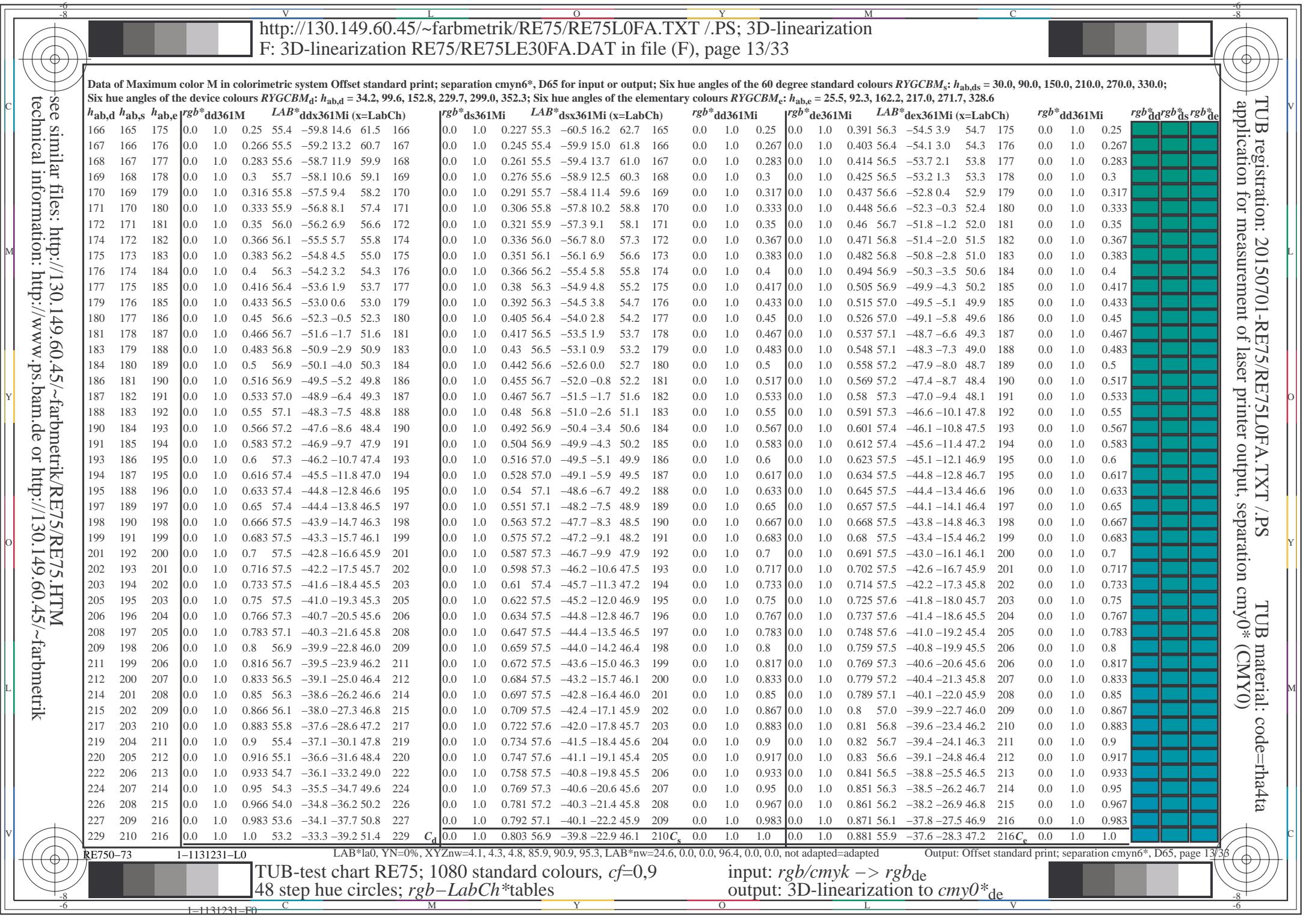
1-1131031-F0



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<sub>s</sub>;  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

Six hue angles of the device colours RYGCBM<sub>d</sub>;  $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$ ; Six hue angles of the elementary colours RYGCBM<sub>e</sub>;  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*ddx361Mi$ (x=LabCh)	$rgb^*ds361Mi$	$LAB^*dsx361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*de361Mi$	$LAB^*dex361Mi$ (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	76.1 119	0.499 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	75.7 120	0.482 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	75.3 121	0.465 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 62.9	74.9 122	0.448 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	74.5 123	0.431 1.0 0.0	71.6 -41.6 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	74.1 124	0.415 1.0 0.0	71.0 -42.4 60.7	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	73.7 125	0.398 1.0 0.0	70.3 -43.2 59.6	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	73.3 126	0.381 1.0 0.0	69.7 -44.0 58.6	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	0.368 1.0 0.0	69.0 -44.9 57.6	73.1 128	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	68.4 -45.7 56.6	72.8 129	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	67.7 -46.6 55.6	72.6 130	0.333 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	67.1 -47.4 54.6	72.4 131	0.317 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	66.5 -48.2 53.7	72.2 132	0.3 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	65.9 -49.0 52.6	72.0 133	0.283 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	65.2 -49.8 51.6	71.8 134	0.267 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	64.6 -50.5 50.6	71.6 135	0.25 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	64.0 -51.2 49.6	71.3 136	0.233 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	63.3 -51.9 48.5	71.1 137	0.217 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	62.7 -52.6 47.5	70.9 138	0.2 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	62.1 -53.4 46.5	70.8 139	0.183 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	61.6 -54.1 45.5	70.8 140	0.167 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	61.2 -54.9 44.5	70.8 141	0.15 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	60.7 -55.7 43.6	70.8 142	0.133 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	60.2 -56.4 42.6	70.8 143	0.117 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	59.7 -57.1 41.6	70.7 144	0.1 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				
149	145	156	0.083 1.0 0.0	57.1 -61.2 36.9	71.5 148	0.153 1.0 0.0	59.2 -57.8 40.6	70.7 145	0.083 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	58.7 -58.5 39.5	70.7 146	0.067 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	58.2 -59.2 38.5	70.7 147	0.05 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	57.6 -60.3 37.7	71.2 148	0.033 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	57.1 -61.3 36.9	71.6 149	0.017 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 <sub>d</sub>	0.06 1.0 0.0	56.6 -62.3 36.0	72.1 150	G <sub>s</sub>	0.0 1.0 0.0	0.0 1.0 0.175	55.1 -62.1 19.9	65.3 162	G <sub>e</sub>	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 20.5	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																	



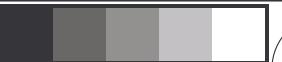


Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ ;  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Six hue angles of the device colours  $RYGCBM_d$ ;  $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$ ; 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)	$rgb^*dd361Mi$	$rgb^*dd$	$rgb^*ds$	$rgb^*de$	
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 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 0.998 1.0 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 0.968 1.0 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 0.939 1.0 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 0.91 1.0 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 0.881 1.0 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 0.859 1.0 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 0.84 1.0 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 0.82 1.0 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 0.8 1.0 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 0.78 1.0 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 0.761 1.0 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 0.743 1.0 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 0.729 1.0 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 0.714 1.0 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 0.7 1.0 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 0.686 1.0 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 0.671 1.0 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 0.657 1.0 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 0.642 1.0 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 0.628 1.0 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 0.613 1.0 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 0.597 1.0 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 0.582 1.0 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 0.566 1.0 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 0.551 1.0 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 0.536 1.0 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	0.0 0.52 1.0 46.9 -14.3 -48.4 50.6	253		0.0 0.333 1.0
268	251	254	0.0 0.316 1.0	38.9 -1.2 -48.3 48.3	268		0.0 0.562 1.0 48.3 -16.7 -48.6 51.5	251		0.0 0.317 1.0	0.0 0.505 1.0 46.4 -13.4 -48.4 50.3	254		0.0 0.317 1.0
269	252	255	0.0 0.3 1.0	38.1 0.0 -48.2 48.2	269		0.0 0.545 1.0 47.7 -15.7 -48.5 51.1	252		0.0 0.3 1.0	0.0 0.491 1.0 45.9 -12.6 -48.4 50.1	255		0.0 0.3 1.0
271	253	256	0.0 0.283 1.0	37.4 1.2 -48.1 48.1	271		0.0 0.528 1.0 47.2 -14.8 -48.5 50.8	253		0.0 0.283 1.0	0.0 0.478 1.0 45.4 -11.8 -48.4 49.9	256		0.0 0.283 1.0
272	254	257	0.0 0.266 1.0	36.7 2.5 -47.9 48.0	272		0.0 0.511 1.0 46.6 -13.8 -48.4 50.5	254		0.0 0.267 1.0	0.0 0.464 1.0 44.9 -11.0 -48.4 49.8	257		0.0 0.267 1.0
274	255	258	0.0 0.25 1.0	36.0 3.7 -47.8 47.9	274		0.0 0.495 1.0 46.1 -12.9 -48.4 50.2	255		0.0 0.25 1.0	0.0 0.451 1.0 44.3 -10.2 -48.4 49.6	258		0.0 0.25 1.0

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

input:  $rgb/cm\gamma k \rightarrow rgb_{de}$   
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  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

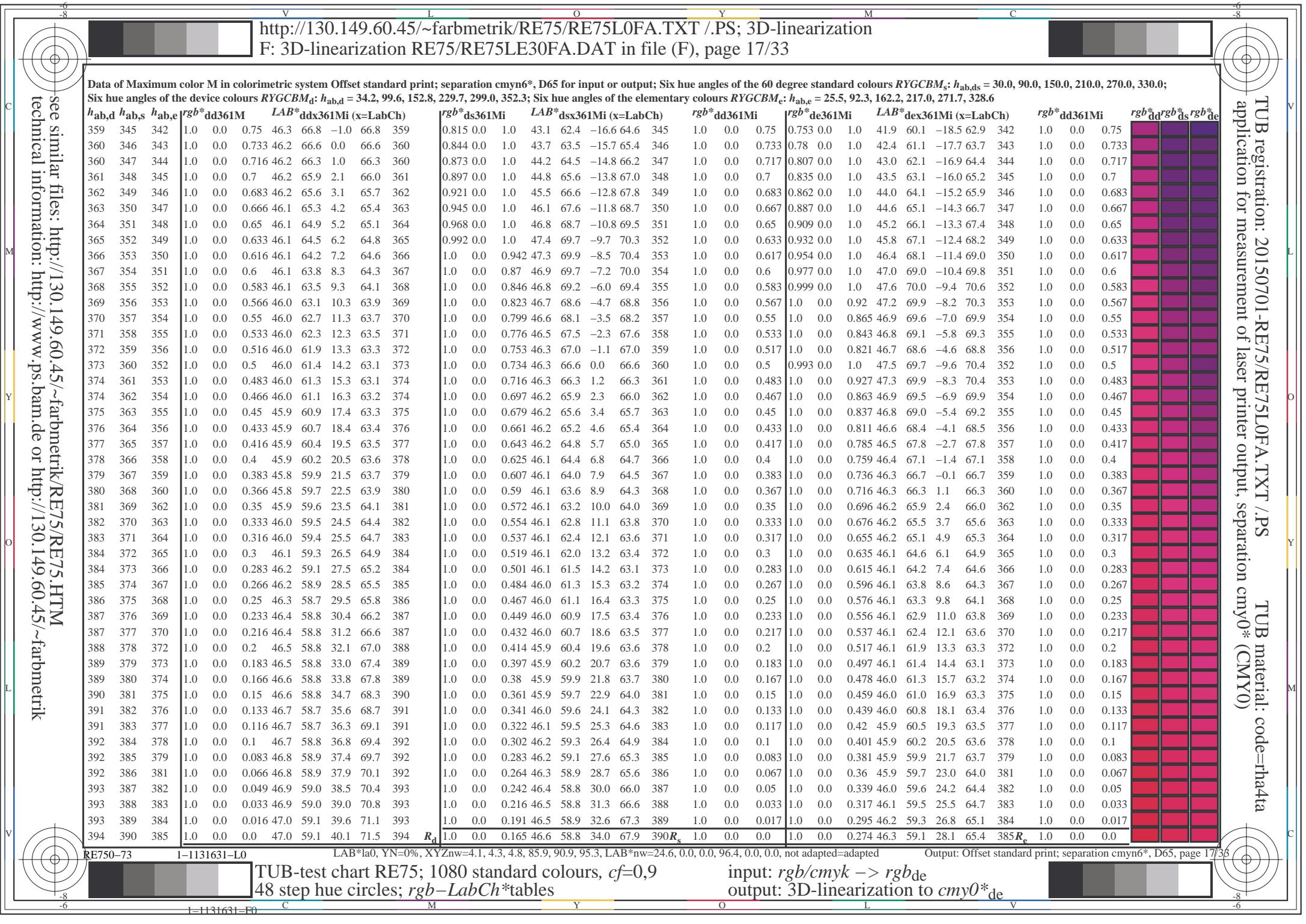
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361M$	$LAB^*dxd361Mi$ (x=LabCh)	$rgb^*ds361Mi$	$LAB^*dsx361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*de361Mi$	$LAB^*dex361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*dd$	$rgb^*ds$	$rgb^*de$		
274	255	258	0.0 0.25 1.0	36.0 3.7 -47.8 47.9	274	0.0 0.495 1.0	46.1 -12.9 -48.4 50.2	255	0.0 0.25 1.0	0.0 0.451 1.0	44.3 -10.2 -48.4 49.6	258	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 0.481 1.0	45.5 -12.0 -48.4 50.0	256	0.0 0.233 1.0	0.0 0.438 1.0	43.8 -9.4 -48.4 49.4	258	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 0.466 1.0	44.9 -11.1 -48.4 49.8	257	0.0 0.217 1.0	0.0 0.424 1.0	43.3 -8.6 -48.4 49.3	259	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 0.452 1.0	44.4 -10.2 -48.4 49.6	258	0.0 0.2 1.0	0.0 0.411 1.0	42.8 -7.8 -48.4 49.1	260	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 0.437 1.0	43.8 -9.3 -48.4 49.4	259	0.0 0.183 1.0	0.0 0.398 1.0	42.3 -7.0 -48.3 48.9	261	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 0.423 1.0	43.2 -8.5 -48.4 49.3	260	0.0 0.167 1.0	0.0 0.385 1.0	41.7 -6.2 -48.3 48.8	262	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 0.408 1.0	42.7 -7.6 -48.4 49.1	261	0.0 0.15 1.0	0.0 0.372 1.0	41.3 -5.4 -48.2 48.6	263	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 0.393 1.0	42.1 -6.7 -48.3 48.9	262	0.0 0.133 1.0	0.0 0.362 1.0	40.8 -4.6 -48.3 48.6	264	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 0.379 1.0	41.5 -5.8 -48.2 48.7	263	0.0 0.117 1.0	0.0 0.352 1.0	40.4 -3.8 -48.3 48.5	265	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 0.367 1.0	41.0 -5.0 -48.2 48.6	264	0.0 0.1 1.0	0.0 0.342 1.0	40.0 -3.1 -48.3 48.5	266	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 0.356 1.0	40.6 -4.1 -48.3 48.6	265	0.0 0.083 1.0	0.0 0.331 1.0	39.5 -2.3 -48.3 48.4	267	0.0 0.083 1.0		
292	266	268	0.0 0.066 1.0	33.5 18.4 -43.5 47.2	292	0.0 0.345 1.0	40.1 -3.3 -48.3 48.5	266	0.0 0.067 1.0	0.0 0.321 1.0	39.1 -1.5 -48.2 48.4	268	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 0.333 1.0	39.6 -2.4 -48.3 48.4	267	0.0 0.05 1.0	0.0 0.311 1.0	38.7 -0.7 -48.2 48.3	269	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 0.322 1.0	39.1 -1.6 -48.2 48.4	268	0.0 0.033 1.0	0.0 0.301 1.0	38.2 0.0 -48.1 48.2	269	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 0.311 1.0	38.7 -0.7 -48.2 48.3	269	0.0 0.017 1.0	0.0 0.291 1.0	37.8 0.7 -48.1 48.2	270	0.0 0.017 1.0		
299	270	271	0.0 0.0 1.0	32.1 23.3 -42.1 48.1	299	$B_d$	0.0 0.3 1.0	38.2 0.0 -48.1 48.2	$270B_s$	0.0 0.0 1.0	0.0 0.281 1.0	37.4 1.5 -48.0 48.1	$271B_e$	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 0.289 1.0	37.7 0.8 -48.1 48.2	271	0.017 0.0 1.0	0.0 0.27 1.0	36.9 2.3 -47.9 48.1	272	0.017 0.0 1.0		
301	272	273	0.033 0.0 1.0	31.9 25.4 -41.4 48.6	301	0.0 0.278 1.0	37.2 1.7 -48.0 48.1	272	0.033 0.0 1.0	0.0 0.259 1.0	36.5 3.0 -47.8 48.0	273	0.033 0.0 1.0		
302	273	274	0.05 0.0 1.0	31.8 26.5 -41.0 48.8	302	0.0 0.266 1.0	36.8 2.5 -47.9 48.1	273	0.05 0.0 1.0	0.0 0.249 1.0	36.1 3.8 -47.7 48.0	274	0.05 0.0 1.0		
304	274	275	0.066 0.0 1.0	31.7 27.5 -40.6 49.0	304	0.0 0.255 1.0	36.3 3.3 -47.8 48.0	274	0.067 0.0 1.0	0.0 0.24 1.0	36.0 4.6 -47.5 47.9	275	0.067 0.0 1.0		
305	275	276	0.083 0.0 1.0	31.6 28.5 -40.1 49.2	305	0.0 0.245 1.0	36.0 4.2 -47.6 47.9	275	0.083 0.0 1.0	0.0 0.231 1.0	35.8 5.4 -47.3 47.7	276	0.083 0.0 1.0		
306	276	277	0.1 0.0 1.0	31.5 29.5 -39.6 49.5	306	0.0 0.236 1.0	35.9 5.0 -47.4 47.8	276	0.1 0.0 1.0	0.0 0.222 1.0	35.7 6.2 -47.1 47.6	277	0.1 0.0 1.0		
308	277	278	0.116 0.0 1.0	31.4 30.6 -39.1 49.7	308	0.0 0.226 1.0	35.8 5.8 -47.2 47.7	277	0.117 0.0 1.0	0.0 0.213 1.0	35.6 6.9 -46.9 47.5	278	0.117 0.0 1.0		
309	278	279	0.133 0.0 1.0	31.3 31.6 -38.6 49.9	309	0.0 0.217 1.0	35.7 6.6 -47.0 47.6	278	0.133 0.0 1.0	0.0 0.204 1.0	35.5 7.7 -46.7 47.4	279	0.133 0.0 1.0		
310	279	280	0.15 0.0 1.0	31.2 32.6 -38.0 50.1	310	0.0 0.207 1.0	35.5 7.4 -46.8 47.5	279	0.15 0.0 1.0	0.0 0.195 1.0	35.4 8.4 -46.5 47.3	280	0.15 0.0 1.0		
311	280	281	0.166 0.0 1.0	31.1 33.7 -37.4 50.3	311	0.0 0.198 1.0	35.4 8.2 -46.5 47.4	280	0.167 0.0 1.0	0.0 0.186 1.0	35.3 9.2 -46.2 47.2	281	0.167 0.0 1.0		
313	281	282	0.183 0.0 1.0	31.1 34.7 -36.8 50.6	313	0.0 0.189 1.0	35.3 9.0 -46.3 47.3	281	0.183 0.0 1.0	0.0 0.178 1.0	35.2 9.9 -46.0 47.1	282	0.183 0.0 1.0		
314	282	283	0.2 0.0 1.0	31.1 35.7 -36.1 50.8	314	0.0 0.179 1.0	35.2 9.8 -46.0 47.2	282	0.2 0.0 1.0	0.0 0.169 1.0	35.0 10.7 -45.7 47.0	283	0.2 0.0 1.0		
315	283	284	0.216 0.0 1.0	31.0 36.7 -35.4 51.0	315	0.0 0.17 1.0	35.1 10.6 -45.7 47.0	283	0.217 0.0 1.0	0.0 0.16 1.0	34.9 11.4 -45.4 46.9	284	0.217 0.0 1.0		
317	284	285	0.233 0.0 1.0	30.9 37.6 -34.7 51.2	317	0.0 0.16 1.0	34.9 11.4 -45.4 46.9	284	0.233 0.0 1.0	0.0 0.151 1.0	34.8 12.1 -45.1 46.8	285	0.233 0.0 1.0		
318	285	285	0.25 0.0 1.0	30.9 38.6 -34.0 51.4	318	0.0 0.151 1.0	34.8 12.1 -45.1 46.8	285	0.25 0.0 1.0	0.0 0.142 1.0	34.7 12.8 -44.8 46.7	285	0.25 0.0 1.0		
319	286	286	0.266 0.0 1.0	31.2 39.5 -33.6 51.9	319	0.0 0.141 1.0	34.7 12.9 -44.8 46.7	286	0.267 0.0 1.0	0.0 0.133 1.0	34.6 13.6 -44.5 46.6	286	0.267 0.0 1.0		
320	287	287	0.283 0.0 1.0	31.5 40.4 -33.3 52.4	320	0.0 0.132 1.0	34.6 13.6 -44.5 46.6	287	0.283 0.0 1.0	0.0 0.124 1.0	34.5 14.3 -44.2 46.5	287	0.283 0.0 1.0		
321	288	288	0.3 0.0 1.0	31.9 41.3 -32.9 52.9	321	0.0 0.122 1.0	34.4 14.4 -44.2 46.6	288	0.3 0.0 1.0	0.0 0.113 1.0	34.3 15.0 -44.1 46.7	288	0.3 0.0 1.0		
322	289	289	0.316 0.0 1.0	32.2 42.2 -32.5 53.3	322	0.0 0.111 1.0	34.2 15.2 -44.1 46.7	289	0.317 0.0 1.0	0.0 0.103 1.0	34.1 15.8 -44.0 46.8	289	0.317 0.0 1.0		
323	290	290	0.333 0.0 1.0	32.6 43.2 -32.1 53.8	323	0.0 0.1 1.0	34.0 16.0 -43.9 46.9	290	0.333 0.0 1.0	0.0 0.092 1.0	33.9 16.6 -43.8 47.0	290	0.333 0.0 1.0		
324	291	291	0.35 0.0 1.0	32.9 44.1 -31.7 54.3	324	0.0 0.089 1.0	33.8 16.8 -43.8 47.0	291	0.35 0.0 1.0	0.0 0.082 1.0	33.7 17.4 -43.7 47.1	291	0.35 0.0 1.0		
325	292	292	0.366 0.0 1.0	33.2 45.0 -31.2 54.8	325	0.0 0.078 1.0	33.6 17.7 -43.6 47.2	292	0.367 0.0 1.0	0.0 0.071 1.0	33.5 18.1 -43.5 47.2	292	0.367 0.0 1.0		
326	293	293	0.383 0.0 1.0	33.6 45.7 -30.8 55.1	326	0.0 0.067 1.0	33.4 18.5 -43.4 47.3	293	0.383 0.0 1.0	0.0 0.061 1.0	33.3 18.9 -43.3 47.4	293	0.383 0.0 1.0		
326	294	294	0.4 0.0 1.0	33.9 46.3 -30.3 55.4	326	0.0 0.056 1.0	33.2 19.3 -43.2 47.4	294	0.4 0.0 1.0	0.0 0.05 1.0	33.1 19.7 -43.1 47.5	294	0.4 0.0 1.0		
327	295	295	0.416 0.0 1.0	34.2 46.9 -29.8 55.6	327	0.0 0.044 1.0	33.0 20.1 -43.0 47.6	295	0.417 0.0 1.0	0.0 0.04 1.0	32.9 20.5 -42.9 47.7	295	0.417 0.0 1.0		
328	296	296	0.433 0.0 1.0	34.5 47.5 -29.3 55.8	328	0.0 0.033 1.0	32.8 20.9 -42.8 47.7	296	0.433 0.0 1.0	0.0 0.029 1.0	32.7 21.2 -42.7 47.8	296	0.433 0.0 1.0		
329	297	297	0.45 0.0 1.0	34.8 48.1 -28.8 56.0	329	0.0 0.022 1.0	32.6 21.7 -42.6 47.9	297	0.45 0.0 1.0	0.0 0.019 1.0	32.5 22.0 -42.5 47.9	297	0.45 0.0 1.0		
329	298	298	0.466 0.0 1.0	35.2 48.6 -28.3 56.3	329	0.0 0.011 1.0	32.3 22.5 -42.3 48.0	298	0.467 0.0 1.0	0.0 0.008 1.0	32.3 22.8 -42.2 48.1	298	0.467 0.0 1.0		
330	299	299	0.483 0.0 1.0	35.5 49.2 -27.7 56.5	330	0.0 0.0 1.0	32.1 23.4 -42.0 48.2	299	0.483 0.0 1.0	0.0 0.003 0.1	32.1 23.5 -42.0 48.2	299	0.483 0.0 1.0		
331	300	300	0.5 0.0 1.0	35.8 49.8 -27.2 56.7	331	0.013 0.0 1.0	32.1 24.2 -41.8 48.3	300	0.5 0.0 1.0	0.0 0.015 0.1	32.0 24.3 -41.7 48.4	300	0.5 0.0 1.0		

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

TUB material: code=rha4ta  
my0\* (CMY0)

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<sub>s</sub>;  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Six hue angles of the device colours RYGCBM<sub>d</sub>;  $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$ ; Six hue angles of the elementary colours RYGCBM<sub>e</sub>;  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*ddx361Mi$ (x=LabCh)	$rgb^*ds361Mi$	$LAB^*dsx361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*de361Mi$	$LAB^*dex361Mi$ (x=LabCh)	$rgb^*dd361Mi$	$rgb^*dd$	$rgb^*ds$	$rgb^*de$
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	0.517 0.0 1.0	32.0 25.1 -41.5 48.5 301	0.517 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	0.533 0.0 1.0	32.0 25.9 -41.2 48.7 302	0.533 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	0.55 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
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	0.567 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
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	0.077 0.0 1.0	31.7 28.2 -40.2 49.2 305	0.583 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
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	0.091 0.0 1.0	31.6 28.9 -39.9 49.4 306	0.6 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	0.104 0.0 1.0	31.5 29.7 -39.5 49.5 306	0.617 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	0.117 0.0 1.0	31.4 30.6 -39.1 49.7 308	0.633 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	0.129 0.0 1.0	31.4 31.4 -38.7 49.9 309	0.65 0.0 1.0
339	309	308	0.65 0.0 1.0	39.5 55.8 -21.7 59.9 339	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	0.154 0.0 1.0	31.3 32.9 -37.8 50.2 311	0.683 0.0 1.0
340	310	310	0.683 0.0 1.0	40.3 57.2 -20.7 60.9 340	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	0.179 0.0 1.0	31.2 34.5 -36.9 50.6 313	0.717 0.0 1.0
341	313	312	0.716 0.0 1.0	41.1 58.6 -19.7 61.8 341	0.197 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	0.214 0.0 1.0	31.2 34.8 -36.4 50.7 314	0.733 0.0 1.0
342	314	313	0.733 0.0 1.0	41.4 59.3 -19.2 62.3 342	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	0.217 0.0 1.0	31.0 36.7 -35.4 51.0 316	0.767 0.0 1.0
342	315	314	0.75 0.0 1.0	41.8 60.0 -18.6 62.8 342	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	0.242 0.0 1.0	31.0 38.2 -34.3 51.4 318	0.8 0.0 1.0
343	316	315	0.766 0.0 1.0	42.1 60.6 -18.1 63.3 343	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	0.274 0.0 1.0	31.4 40.0 -33.4 52.2 320	0.833 0.0 1.0
344	317	316	0.783 0.0 1.0	42.5 61.2 -17.6 63.7 343	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	0.31 0.0 1.0	32.1 41.9 -32.6 53.2 322	0.867 0.0 1.0
346	321	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	0.345 0.0 1.0	32.5 42.9 -32.2 53.7 323	0.883 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	0.36 0.0 1.0	32.9 43.9 -31.8 54.2 324	0.9 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	0.363 0.0 1.0	33.2 44.8 -31.3 54.7 325	0.917 0.0 1.0
348	325	323	0.916 0.0 1.0	45.3 66.4 -13.1 67.7 348	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	0.397 0.0 1.0	34.0 46.5 -30.1 55.5 327	0.95 0.0 1.0
349	326	324	0.933 0.0 1.0	45.8 67.1 -12.4 68.2 349	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	0.426 0.0 1.0	34.4 47.3 -29.5 55.8 328	0.967 0.0 1.0
350	327	325	0.95 0.0 1.0	46.2 67.8 -11.6 68.8 350	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	0.492 0.0 1.0	35.3 48.8 -28.1 56.4 330	1.0 0.0 1.0
352	330	328	1.0 0.0 1.0	47.6 69.9 -9.4 70.6 352	0.47 0.0 1.0	35.3 48.8 -28.1 56.4 330	0.44 0.0 1.0	0.44 0.0 1.0	34.7 47.8 -29.0 56.0 328	0.44 0.0 1.0	0.513 0.0 1.0	36.2 50.3 -26.7 57.0 332	1.0 0.0 1.0
352	331	329	1.0 0.0 1.0	49.8 70.5 -9.1 70.5 352	0.492 0.0 1.0	35.7 49.6 -27.4 56.7 331	1.0 0.0 1.0	0.461 0.0 1.0	35.1 48.5 -28.4 56.2 329	1.0 0.0 1.0	0.533 0.0 1.0	36.7 51.1 -26.0 57.4 333	1.0 0.0 1.0
352	332	330	1.0 0.0 1.0	49.6 70.5 -8.9 70.5 352	0.513 0.0 1.0	36.2 50.3 -26.7 57.0 332	1.0 0.0 1.0	0.481 0.0 1.0	35.5 49.2 -27.7 56.5 330	1.0 0.0 1.0	0.532 0.0 1.0	37.2 51.9 -25.2 57.8 334	1.0 0.0 1.0
353	334	332	1.0 0.0 1.0	49.3 70.3 -8.4 70.3 353	0.552 0.0 1.0	37.2 51.9 -25.2 57.8 334	1.0 0.0 1.0	0.521 0.0 1.0	36.4 50.7 -26.4 57.2 332	1.0 0.0 1.0	0.592 0.0 1.0	38.2 53.5 -23.7 58.5 336	1.0 0.0 1.0
353	335	333	1.0 0.0 1.0	49.1 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 1.0	0.539 0.0 1.0	36.8 51.4 -25.7 57.5 333	1.0 0.0 1.0	0.612 0.0 1.0	38.7 54.2 -22.9 58.9 337	1.0 0.0 1.0
353	336	334	1.0 0.0 1.0	47.1 69.8 -7.9 70.2 353	0.592 0.0 1.0	39.2 55.1 -22.2 59.4 338	1.0 0.0 1.0	0.558 0.0 1.0	37.3 52.2 -25.0 57.9 334	1.0 0.0 1.0	0.633 0.0 1.0	39.2 57.2 -20.7 60.9 339	1.0 0.0 1.0
353	337	335	1.0 0.0 1.0	48.0 69.7 -7.7 70.2 353	0.612 0.0 1.0	39.7 55.8 -22.7 60.7 338	1.0 0.0 1.0	0.577 0.0 1.0	37.8 52.9 -24.3 58.3 335	1.0 0.0 1.0	0.633 0.0 1.0	40.9 60.1 -20.0 61.6 340	1.0 0.0 1.0
354	338	336	1.0 0.0 1.0	48.6 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 1.0	0.596 0.0 1.0	38.3 53.6 -23.6 58.6 336	1.0 0.0 1.0	0.668 0.0 1.0	41.5 59.3 -19.2 62.3 342	1.0 0.0 1.0
354	339	337	1.0 0.0 1.0	48.6 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 1.0	0.614 0.0 1.0	38.7 54.3 -22.8 59.0 337	1.0 0.0 1.0	0.682 0.0 1.0	42.0 60.3 -18.3 63.1 343	1.0 0.0 1.0
355	340	338	1.0 0.0 1.0	48.3 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 1.0	0.635 0.0 1.0	39.2 55.2 -22.1 59.5 338	1.0 0.0 1.0	0.707 0.0 1.0	40.9 59.2 -19.3 62.2 341	1.0 0.0 1.0
356	341	339	1.0 0.0 1.0	48.1 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 1.0	0.658 0.0 1.0	39.8 56.2 -21.4 60.2 339	1.0 0.0 1.0	0.732 0.0 1.0	41.5 59.3 -19.2 62.3 342	1.0 0.0 1.0
356	342	339	1.0 0.0 1.0	47.8 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 1.0	0.682 0.0 1.0	40.3 57.2 -20.7 60.9 339	1.0 0.0 1.0	0.758 0.0 1.0	42.0 60.3 -18.3 63.1 343	1.0 0.0 1.0
357	343	340	1.0 0.0 1.0	47.3 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 1.0	0.783 0.0 1.0	40.9 58.2 -20.0 61.6 340	1.0 0.0 1.0	0.815 0.0 1.0	43.1 62.4 -16.6 64.6 345	1.0 0.0 1.0
358	344	341	1.0 0.0 1.0	46.6 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 1.0	0.767 0.0 1.0	40.9 58.2 -20.0 61.6 340	1.0 0.0 1.0	0.815 0.0 1.0	43.1 62.4 -16.6 64.6 345	1.0 0.0 1.0
359	345	342	1.0 0.0 1.0	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 1.0	0.753 0.0 1.0	41.9 60.1 -18.5 62.9 342	1.0 0.0 1.0	0.75 0.0 1.0	44.7 64.6 -13.1 65.5 346	1.0 0.0 1.0



# TUB registration: 20150701-RE75/RE75L0FA.TXT /PS

TUB material: code=rha4ta  
application for measurement of laser printer output, separation cmy0\* (CMY0)

## http://130.149.60.45/~farbmerek/RE75/RE75L0FA.TXT /PS; 3D-linearization F: 3D-linearization RE75/RE75L0FA.DAT in file (F), page 18/33

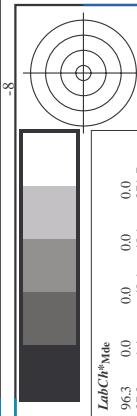


n	HIC-Fde	rgb_Fde	hsl_Fde	rgb*_Fde	LabCh*_Fde	LabCh*_Mode	rgb*_Mode	DE*_Mode	DE*_Mode	DE*_Mode	DE*_Mode
0.648	ROY_100_100ae	1.0 0.0 0.0	1.0 0.0 0.5	0.390 1.0 0.0	0.273 46.2 53.1	25.3 58.8	24.7 62.8	-26.3 45.5	57.0 45.5	26.3 45.5	28.1 65.4
1.657	R13Y_100_100ae	1.0 0.125 0.0	1.0 0.1 0.5	0.44 1.0 0.0	0.042 46.9 53.1	33.2 53.4	40.7 57.5	-30.7 46.0	57.5 46.0	30.7 57.5	33.2 65.4
2.666	R25Y_100_100ae	1.0 0.25 0.0	1.0 0.2 0.5	0.44 1.0 0.0	0.042 50.6 53.1	40.3 63.5	44.0 57.5	-40.3 50.6	56.2 50.6	44.0 57.5	41.0 63.5
3.675	R38Y_100_100ae	1.0 0.375 0.0	1.0 0.3 0.5	0.52 1.0 0.0	0.167 50.6 53.1	55.6 63.5	52.0 59.4	-55.6 50.6	55.6 50.6	52.0 59.4	41.0 63.5
4.684	R50Y_100_100ae	1.0 0.5 0.0	1.0 0.5 0.5	0.60 1.0 0.0	0.167 50.6 53.1	67.9 63.5	50.0 49.4	-67.9 50.6	55.6 50.6	50.0 49.4	49.0 63.5
5.693	R63Y_100_100ae	1.0 0.625 0.0	1.0 0.55 0.5	0.68 1.0 0.0	0.362 50.6 53.1	66.5 63.5	66.0 58.8	-66.5 50.6	59.1 50.6	66.0 58.8	49.0 63.5
6.702	R75Y_100_100ae	1.0 0.75 0.0	1.0 0.5 0.5	0.76 1.0 0.0	0.362 50.6 53.1	66.5 63.5	67.4 60.4	-66.5 50.6	59.1 50.6	67.4 60.4	49.0 63.5
7.711	R88Y_100_100ae	1.0 0.875 0.0	1.0 0.5 0.5	0.83 1.0 0.0	0.362 50.6 53.1	66.5 63.5	68.4 62.8	-66.5 50.6	59.1 50.6	68.4 62.8	49.0 63.5
8.720	Y00G_100_100ae	1.0 0.7 0.0	1.0 0.5 0.5	0.90 1.0 0.0	0.794 40.0 53.1	84.0 90.9	81.9 84.1	-84.0 80.9	90.7 80.9	81.9 84.1	92.3 98.1
9.639	Y13G_100_100ae	1.0 0.875 0.0	1.0 0.5 0.5	0.95 1.0 0.0	0.905 40.0 53.1	90.2 92.3	90.8 91.9	-90.2 89.0	90.7 89.0	90.8 91.9	90.4 98.1
10.654	Y25G_100_100ae	1.0 0.75 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.672 40.0 53.1	84.2 87.5	81.6 84.1	-84.2 80.9	85.4 80.9	81.6 84.1	88.6 98.1
11.673	Y38G_100_100ae	1.0 0.625 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.629 40.0 53.1	84.2 87.5	82.4 84.1	-84.2 80.9	85.4 80.9	82.4 84.1	88.6 98.1
12.692	Y50G_100_100ae	1.0 0.5 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.326 40.0 53.1	66.0 63.5	66.0 63.5	-66.0 50.6	67.4 50.6	66.0 63.5	68.6 98.1
13.711	Y63G_100_100ae	1.0 0.375 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.269 40.0 53.1	63.5 60.6	63.5 60.6	-63.5 50.6	64.9 50.6	63.5 60.6	63.5 98.1
14.730	Y75G_100_100ae	1.0 0.25 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.139 40.0 53.1	58.7 56.3	58.7 56.3	-58.7 50.6	59.1 50.6	58.7 56.3	59.0 98.1
15.749	Y88G_100_100ae	1.0 0.125 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.023 40.0 53.1	58.4 56.0	58.4 56.0	-58.4 50.6	58.7 50.6	58.4 56.0	58.6 98.1
16.767	G00C_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.175 40.0 53.1	55.9 53.1	55.9 53.1	-55.9 50.6	56.3 50.6	55.9 53.1	56.3 98.1
17.786	G13C_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.285 40.0 53.1	53.8 51.1	53.8 51.1	-53.8 50.6	54.2 50.6	53.8 51.1	53.8 98.1
18.805	G25C_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.38 40.0 53.1	52.6 49.3	52.6 49.3	-52.6 50.6	53.0 50.6	52.6 49.3	52.6 98.1
19.824	G38C_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.47 40.0 53.1	51.3 46.5	51.3 46.5	-51.3 50.6	51.7 50.6	51.3 46.5	51.3 98.1
20.843	G50C_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.558 40.0 53.1	49.7 43.1	49.7 43.1	-49.7 50.6	50.1 50.6	49.7 43.1	49.6 98.1
21.862	G63C_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.645 40.0 53.1	47.4 40.7	47.4 40.7	-47.4 50.6	47.8 50.6	47.4 40.7	47.3 98.1
22.881	G75C_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.736 40.0 53.1	45.1 38.5	45.1 38.5	-45.1 50.6	45.5 50.6	45.1 38.5	45.0 98.1
23.899	G88C_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.837 40.0 53.1	41.5 32.1	41.5 32.1	-41.5 50.6	41.9 50.6	41.5 32.1	41.4 98.1
24.918	C00B_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.351 40.0 53.1	40.3 31.0	40.3 31.0	-40.3 50.6	40.7 50.6	40.3 31.0	40.6 98.1
25.937	C13B_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.375 40.0 53.1	39.7 30.6	39.7 30.6	-39.7 50.6	40.1 50.6	39.7 30.6	39.6 98.1
26.956	C25B_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.42 40.0 53.1	38.3 29.2	38.3 29.2	-38.3 50.6	38.7 50.6	38.3 29.2	38.2 98.1
27.975	C38B_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.52 40.0 53.1	36.9 27.8	36.9 27.8	-36.9 50.6	37.3 50.6	36.9 27.8	36.8 98.1
28.994	C50B_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.625 40.0 53.1	35.5 26.4	35.5 26.4	-35.5 50.6	35.9 50.6	35.5 26.4	35.4 98.1
29.994	C63B_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.735 40.0 53.1	34.1 25.0	34.1 25.0	-34.1 50.6	34.5 50.6	34.1 25.0	34.0 98.1
31.013	C75B_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.826 40.0 53.1	32.7 23.6	32.7 23.6	-32.7 50.6	33.1 50.6	32.7 23.6	32.6 98.1
32.032	C88B_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.915 40.0 53.1	31.3 22.2	31.3 22.2	-31.3 50.6	31.7 50.6	31.3 22.2	31.2 98.1
33.051	B00M_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.351 40.0 53.1	30.9 20.8	30.9 20.8	-30.9 50.6	31.3 50.6	30.9 20.8	30.8 98.1
34.070	B13M_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.377 40.0 53.1	29.5 19.4	29.5 19.4	-29.5 50.6	29.9 50.6	29.5 19.4	29.4 98.1
35.089	B25M_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.402 40.0 53.1	28.1 18.0	28.1 18.0	-28.1 50.6	28.5 50.6	28.1 18.0	28.0 98.1
36.108	B38M_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.471 40.0 53.1	26.7 16.6	26.7 16.6	-26.7 50.6	27.1 50.6	26.7 16.6	26.6 98.1
37.127	B50M_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.534 40.0 53.1	25.3 15.2	25.3 15.2	-25.3 50.6	25.7 50.6	25.3 15.2	25.2 98.1
38.146	B63M_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.625 40.0 53.1	24.0 13.8	24.0 13.8	-24.0 50.6	24.4 50.6	24.0 13.8	23.9 98.1
39.165	B75M_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.726 40.0 53.1	22.6 12.4	22.6 12.4	-22.6 50.6	23.0 50.6	22.6 12.4	22.5 98.1
40.184	M00R_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.349 40.0 53.1	21.2 11.0	21.2 11.0	-21.2 50.6	21.6 50.6	21.2 11.0	21.1 98.1
41.203	M13R_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.377 40.0 53.1	20.8 9.6	20.8 9.6	-20.8 50.6	21.2 50.6	20.8 9.6	20.7 98.1
42.222	M25R_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.434 40.0 53.1	19.4 8.2	19.4 8.2	-19.4 50.6	19.8 50.6	19.4 8.2	19.3 98.1
43.241	M38R_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.525 40.0 53.1	18.0 6.8	18.0 6.8	-18.0 50.6	18.4 50.6	18.0 6.8	18.3 98.1
44.260	M50R_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.625 40.0 53.1	16.6 5.4	16.6 5.4	-16.6 50.6	17.0 50.6	16.6 5.4	16.5 98.1
45.279	M63R_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.726 40.0 53.1	15.2 4.0	15.2 4.0	-15.2 50.6	15.6 50.6	15.2 4.0	15.1 98.1
46.298	M75R_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.826 40.0 53.1	13.8 2.6	13.8 2.6	-13.8 50.6	14.2 50.6	13.8 2.6	13.7 98.1
47.317	M88R_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.925 40.0 53.1	12.4 1.2	12.4 1.2	-12.4 50.6	12.8 50.6	12.4 1.2	12.3 98.1
48.336	ROY_100_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.390 40.0 53.1	11.0 0.8	11.0 0.8	-11.0 50.6	11.4 50.6	11.0 0.8	11.3 98.1
49.355	NW_000ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.273 40.0 53.1	5.0 0.0	5.0 0.0	-5.0 50.6	5.4 50.6	5.0 0.0	5.3 98.1
50.374	NW_013ae	0.125 0.125 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.342 40.0 53.1	3.6 0.0	3.6 0.0	-3.6 50.6	4.0 50.6	3.6 0.0	3.5 98.1
51.393	NW_025ae	0.25 0.25 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.425 40.0 53.1	2.5 0.0	2.5 0.0	-2.5 50.6	2.9 50.6	2.5 0.0	2.4 98.1
52.412	NW_037ae	0.375 0.375 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.505 40.0 53.1	1.4 0.0	1.4 0.0	-1.4 50.6	1.8 50.6	1.4 0.0	1.3 98.1
53.431	NW_050ae	0.5 0.5 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.604 40.0 53.1	0.3 0.0	0.3 0.0	-0.3 50.6	0.7 50.6	0.3 0.0	0.2 98.1
54.450	NW_063ae	0.625 0.625 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.694 40.0 53.1	-0.1 0.0	-0.1 0.0	-0.1 50.6	0.2 50.6	-0.1 0.0	0.1 98.1
55.469	NW_075ae	0.75 0.75 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.785 40.0 53.1	-0.8 0.0	-0.8 0.0	-0.8 50.6	0.0 50.6	-0.8 0.0	0.0 98.1
56.488	NW_088ae	0.875 0.875 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.875 40.0 53.1	-1.5 0.0	-1.5 0.0	-1.5 50.6	0.5 50.6	-1.5 0.0	0.4 98.1
57.507	NW_100ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.974 40.0 53.1	-2.2 0.0	-2.2 0.0	-2.2 50.6	1.0 50.6	-2.2 0.0	1.9 98.1
58.526	NW_000ae	0.0 0.0 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.273 40.0 53.1	7.5 0.0	7.5 0.0	-7.5 50.6	7.9 50.6	7.5 0.0	7.4 98.1
59.545	NW_013ae	0.125 0.125 0.0	1.0 0.5 0.5	1.02 1.0 0.0	0.342 40.0 53.1	6.0 0.0	6.0 0.0	-6.0 50.6	6.4 50.6	6.0 0.0	



TUB registration: 20150701-RE75/RE75L0FA.TXT /PS; 3D-linearization  
application for measurement of laser printer output, separation cmy0\* (CMY0)

TUB material: code=rha4ta



<http://130.149.60.45/~farbm/RE75/RE75L0FA.TXT>  
F: 3D-linearization RE75/RE75L0FA.DAT in file (F), page 20/33

n/e	HIC*File	ict_Fde	hs_L_Fde	rgb*Fde	LabCh*Fde		LabCh*Fde		DE*Fde		DE*Fde	
					rgb*Fde	DE*Fde	rgb*Fde	DE*Fde	rgb*Fde	DE*Fde	rgb*Fde	DE*Fde
0	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	B0R_012_012de	0.0	0.0	0.125	0.125	0.062	270	0.0	0.035	0.125	24.5	0.0
2	B0R_012_025de	0.0	0.0	0.25	0.25	0.125	270	0.0	0.07	0.25	-5.4	5.4
3	B0R_037_037de	0.0	0.0	0.375	0.375	0.187	270	0.0	0.105	0.375	-16.2	16.2
4	B0R_050_050de	0.0	0.0	0.5	0.5	0.25	270	0.0	0.14	0.5	-21.6	21.6
5	B0R_062_062de	0.0	0.0	0.625	0.625	0.312	270	0.0	0.175	0.625	-27.0	27.0
6	B0R_075_075de	0.0	0.0	0.75	0.75	0.375	270	0.0	0.21	0.75	-34.1	34.1
7	B0R_087_087de	0.0	0.0	0.875	0.875	0.437	270	0.0	0.245	0.875	-41.2	41.2
8	B0R_100_100de	0.0	0.0	1.0	1.0	0.5	270	0.0	0.28	1.0	-48.1	48.1
9	G0B_012_012de	0.0	0.0	0.125	0.125	0.062	150	0.0	0.07	0.125	-21.1	21.1
10	G0B_012_025de	0.0	0.0	0.25	0.25	0.125	150	0.0	0.125	0.25	-21.1	21.1
11	G0B_012_050de	0.0	0.0	0.5	0.5	0.25	150	0.0	0.175	0.5	-21.1	21.1
12	G0B_012_075de	0.0	0.0	0.75	0.75	0.375	150	0.0	0.21	0.75	-21.1	21.1
13	G0B_012_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.25	1.0	-21.1	21.1
14	G0B_025_025de	0.0	0.0	0.25	0.25	0.125	150	0.0	0.07	0.25	-21.1	21.1
15	G0B_025_050de	0.0	0.0	0.5	0.5	0.25	150	0.0	0.125	0.5	-21.1	21.1
16	G0B_025_075de	0.0	0.0	0.75	0.75	0.375	150	0.0	0.21	0.75	-21.1	21.1
17	G0B_025_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.25	1.0	-21.1	21.1
18	G0B_050_050de	0.0	0.0	0.25	0.25	0.125	150	0.0	0.07	0.25	-21.1	21.1
19	G0B_050_075de	0.0	0.0	0.5	0.5	0.25	150	0.0	0.125	0.5	-21.1	21.1
20	G0B_050_100de	0.0	0.0	0.75	0.75	0.375	150	0.0	0.21	0.75	-21.1	21.1
21	G0B_075_075de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.25	1.0	-21.1	21.1
22	G0B_087_087de	0.0	0.0	0.875	0.875	0.437	150	0.0	0.245	0.875	-41.2	41.2
23	G0B_100_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.28	1.0	-48.1	48.1
24	G4B_012_012de	0.0	0.0	0.125	0.125	0.062	150	0.0	0.07	0.125	-21.1	21.1
25	G4B_012_025de	0.0	0.0	0.25	0.25	0.125	150	0.0	0.125	0.25	-21.1	21.1
26	G4B_012_050de	0.0	0.0	0.5	0.5	0.25	150	0.0	0.175	0.5	-21.1	21.1
27	G4B_012_075de	0.0	0.0	0.75	0.75	0.375	150	0.0	0.21	0.75	-21.1	21.1
28	G4B_012_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.25	1.0	-21.1	21.1
29	G4B_025_025de	0.0	0.0	0.25	0.25	0.125	150	0.0	0.07	0.25	-21.1	21.1
30	G4B_025_050de	0.0	0.0	0.5	0.5	0.25	150	0.0	0.125	0.5	-21.1	21.1
31	G4B_025_075de	0.0	0.0	0.75	0.75	0.375	150	0.0	0.21	0.75	-21.1	21.1
32	G4B_025_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.25	1.0	-21.1	21.1
33	G4B_050_050de	0.0	0.0	0.25	0.25	0.125	150	0.0	0.07	0.25	-21.1	21.1
34	G4B_050_075de	0.0	0.0	0.5	0.5	0.25	150	0.0	0.125	0.5	-21.1	21.1
35	G4B_050_100de	0.0	0.0	0.75	0.75	0.375	150	0.0	0.21	0.75	-21.1	21.1
36	G4B_075_075de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.25	1.0	-21.1	21.1
37	G4B_087_087de	0.0	0.0	0.875	0.875	0.437	150	0.0	0.245	0.875	-41.2	41.2
38	G4B_100_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.28	1.0	-48.1	48.1
39	G5B_012_012de	0.0	0.0	0.125	0.125	0.062	150	0.0	0.07	0.125	-21.1	21.1
40	G5B_012_025de	0.0	0.0	0.25	0.25	0.125	150	0.0	0.125	0.25	-21.1	21.1
41	G5B_012_050de	0.0	0.0	0.5	0.5	0.25	150	0.0	0.175	0.5	-21.1	21.1
42	G5B_012_075de	0.0	0.0	0.75	0.75	0.375	150	0.0	0.21	0.75	-21.1	21.1
43	G5B_012_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.25	1.0	-21.1	21.1
44	G5B_025_025de	0.0	0.0	0.25	0.25	0.125	150	0.0	0.07	0.25	-21.1	21.1
45	G5B_025_050de	0.0	0.0	0.5	0.5	0.25	150	0.0	0.125	0.5	-21.1	21.1
46	G5B_025_075de	0.0	0.0	0.75	0.75	0.375	150	0.0	0.21	0.75	-21.1	21.1
47	G5B_025_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.25	1.0	-21.1	21.1
48	G5B_050_050de	0.0	0.0	0.25	0.25	0.125	150	0.0	0.07	0.25	-21.1	21.1
49	G5B_050_075de	0.0	0.0	0.5	0.5	0.25	150	0.0	0.125	0.5	-21.1	21.1
50	G5B_050_100de	0.0	0.0	0.75	0.75	0.375	150	0.0	0.21	0.75	-21.1	21.1
51	G5B_075_075de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.25	1.0	-21.1	21.1
52	G6B_012_012de	0.0	0.0	0.125	0.125	0.062	150	0.0	0.07	0.125	-21.1	21.1
53	G6B_012_025de	0.0	0.0	0.25	0.25	0.125	150	0.0	0.125	0.25	-21.1	21.1
54	G6B_012_050de	0.0	0.0	0.5	0.5	0.25	150	0.0	0.175	0.5	-21.1	21.1
55	G6B_012_075de	0.0	0.0	0.75	0.75	0.375	150	0.0	0.21	0.75	-21.1	21.1
56	G6B_012_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.25	1.0	-21.1	21.1
57	G6B_025_025de	0.0	0.0	0.25	0.25	0.125	150	0.0	0.07	0.25	-21.1	21.1
58	G6B_025_050de	0.0	0.0	0.5	0.5	0.25	150	0.0	0.125	0.5	-21.1	21.1
59	G6B_025_075de	0.0	0.0	0.75	0.75	0.375	150	0.0	0.21	0.75	-21.1	21.1
60	G6B_025_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.25	1.0	-21.1	21.1
61	G6B_050_050de	0.0	0.0	0.25	0.25	0.125	150	0.0	0.07	0.25	-21.1	21.1
62	G6B_050_075de	0.0	0.0	0.5	0.5	0.25	150	0.0	0.125	0.5	-21.1	21.1
63	G6B_050_100de	0.0	0.0	0.75	0.75	0.375	150	0.0	0.21	0.75	-21.1	21.1
64	G6B_075_075de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.25	1.0	-21.1	21.1
65	G6B_087_087de	0.0	0.0	0.875	0.875	0.437	150	0.0	0.245	0.875	-41.2	41.2
66	G6B_087_094de	0.0	0.0	0.9	0.9	0.437	150	0.0	0.28	0.9	-48.1	48.1
67	G6B_087_098de	0.0	0.0	0.875	0.875	0.437	150	0.0	0.245	0.875	-41.2	41.2
68	G6B_087_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.25	1.0	-21.1	21.1
69	G6B_087_087de	0.0	0.0	0.875	0.875	0.437	150	0.0	0.245	0.875	-41.2	41.2
70	G6B_087_087de	0.0	0.0	0.875	0.875	0.437	150	0.0	0.245	0.875	-41.2	41.2
71	G6B_100_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.28	1.0	-48.1	48.1
72	G6B_100_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.28	1.0	-48.1	48.1
73	G6B_100_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.28	1.0	-48.1	48.1
74	G6B_100_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.28	1.0	-48.1	48.1
75	G6B_100_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.28	1.0	-48.1	48.1
76	G6B_100_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.28	1.0	-48.1	48.1
77	G6B_100_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.28	1.0	-48.1	48.1
78	G6B_100_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.28	1.0	-48.1	48.1
79	G6B_100_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.28	1.0	-48.1	48.1
80	G6B_100_100de	0.0	0.0	1.0	1.0	0.5	150	0.0	0.28	1.0	-48.1	48.1

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

input:  $rgb/cm\gamma k \rightarrow rgbd$   
output: 3D-D-linearization to  $cmy0^*$

colors and differences,  $\Delta E^*$

Mean color difference of this page:

delta

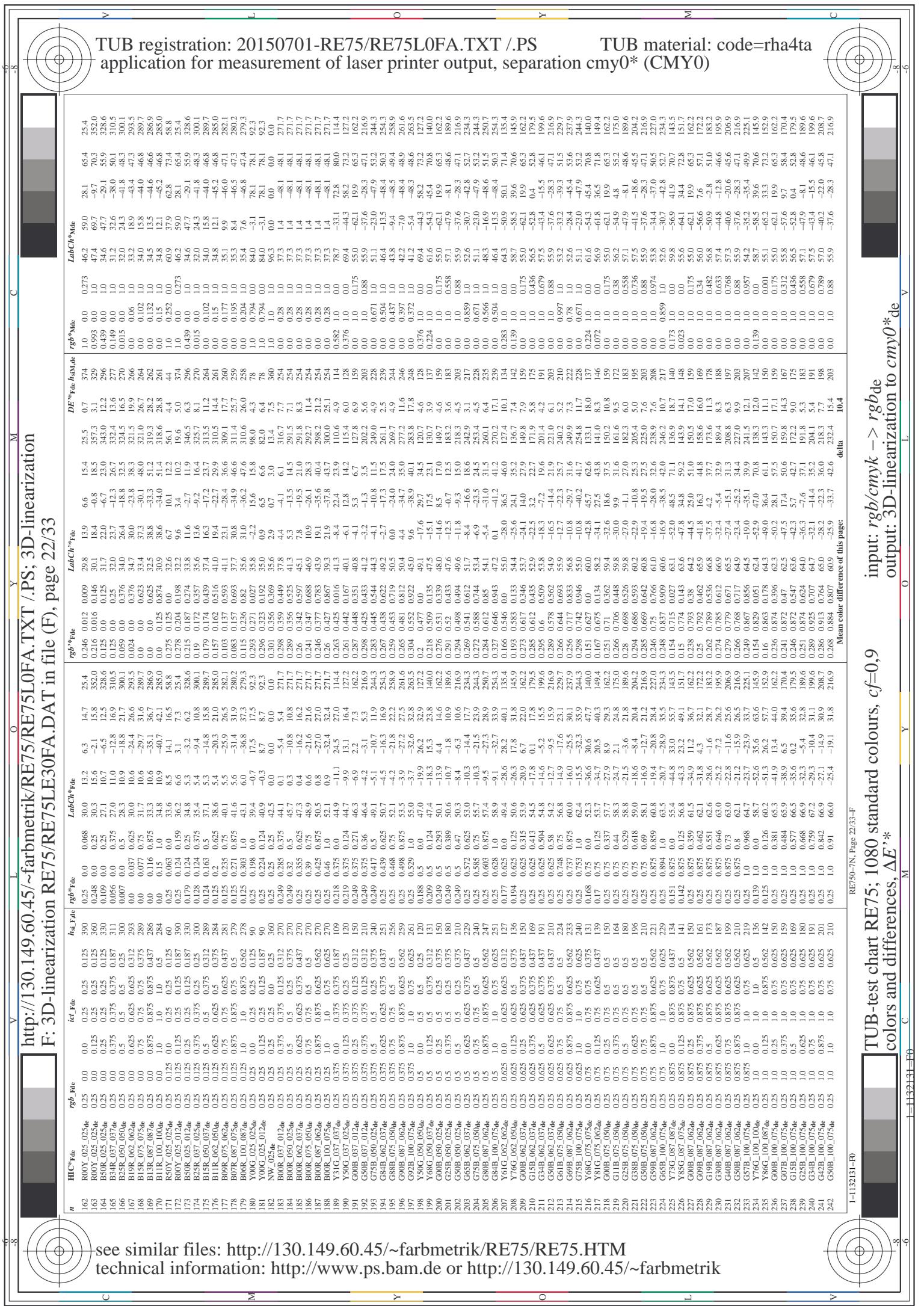
Mean color difference of this page:

delta

Mean color difference of this page:

delta





TUB registration: 20150701-RE75/RE75L0FA.TXT /PS; 3D-linearization  
application for measurement of laser printer output, separation cmy0\* (CMY0)

TUB material: code=rha4ta



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

TUB material: code=rha4ta



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n	HIC-Fate	ict_Fate	hs_Fate	rgb_Fate	LabCh%Fate				DE*%Fate				DE*%Fate_haus.de				rgb*%Fate				LabCh*%Fate					
					DE	DE*	DE**	DE***	DE	DE*	DE**	DE***	DE	DE*	DE**	DE***	DE	DE*	DE**	DE***	DE	DE*	DE**	DE***		
324	ROY_050_050aе	0.5	0.0	0.0	0.5	0.5	0.25	0.25	390	0.5	0.0	0.136	35.4	26.5	12.6	29.4	25.4	0.401	0.0	0.0	0.273	30.3	8.1	374	28.1	
325	R26Y_050_050aе	0.5	0.0	0.125	0.5	0.5	0.25	0.25	360	0.5	0.0	0.278	35.3	28.2	4.9	28.7	9.8	0.388	0.0	0.125	0.056	46.0	59.0	35.6	63.4	
326	ROY_050_050aе	0.5	0.0	0.25	0.5	0.5	0.25	0.25	344	0.364	0.0	0.5	32.9	26.6	-8.7	28.0	0.25	0.295	0.0	0.252	0.0	0.0	0.0	0.0	46.0	9.8
327	B61R_050_050aе	0.5	0.0	0.375	0.5	0.5	0.25	0.25	330	0.219	0.0	0.620	29.6	28.0	0.2	28.1	21.4	0.224	0.0	0.252	0.0	0.0	0.0	0.0	46.0	35.2
328	B40R_062_062aе	0.5	0.0	0.625	0.625	0.5	0.25	0.25	319	0.152	0.0	0.625	28.5	21.4	-19.2	28.1	0.138	0.0	0.276	0.0	0.0	0.0	0.0	46.0	34.8	
329	B40R_062_062aе	0.5	0.0	0.625	0.625	0.5	0.25	0.25	319	0.152	0.0	0.625	28.5	21.4	-19.2	28.1	0.138	0.0	0.276	0.0	0.0	0.0	0.0	46.0	34.8	
330	B34R_075_075aе	0.5	0.0	0.75	0.75	0.5	0.25	0.25	311	0.112	0.0	0.75	29.6	22.0	-31.7	33.8	0.125	0.0	0.250	0.0	0.0	0.0	0.0	46.0	29.7	
331	B32R_087_087aе	0.5	0.0	0.875	0.875	0.5	0.25	0.25	306	0.066	0.0	0.875	36.0	36.0	-22.3	37.7	0.188	0.0	0.252	0.0	0.0	0.0	0.0	46.0	30.1	
332	B25R_100_100aе	0.5	0.0	1.0	0.5	0.5	0.25	0.25	300	0.015	0.0	1.0	32.0	21.8	-37.6	35.5	0.125	0.0	0.250	0.0	0.0	0.0	0.0	46.0	30.1	
333	R23Y_050_050aе	0.5	0.0	0.125	0.5	0.5	0.25	0.25	305	0.125	0.0	0.125	30.0	32.0	-23.0	22.0	0.144	0.0	0.132	0.0	0.0	0.0	0.0	46.0	41.0	
334	R07_050_050aе	0.5	0.0	0.125	0.125	0.5	0.25	0.25	300	0.124	0.0	0.127	41.6	19.9	22.0	25.4	0.145	0.0	0.118	0.0	0.0	0.0	0.0	46.0	25.4	
335	R18Y_050_037aе	0.5	0.0	0.125	0.25	0.5	0.25	0.25	312	0.124	0.0	0.125	41.6	19.6	22.0	25.4	0.144	0.0	0.132	0.0	0.0	0.0	0.0	46.0	25.4	
336	B65R_050_037aе	0.5	0.0	0.125	0.375	0.5	0.25	0.25	319	0.124	0.0	0.125	40.8	21.6	22.0	22.2	0.146	0.0	0.136	0.0	0.0	0.0	0.0	46.0	24.6	
337	B30R_050_037aе	0.5	0.0	0.125	0.625	0.5	0.25	0.25	312	0.229	0.0	0.625	36.7	16.3	-9.8	18.8	0.125	0.0	0.250	0.0	0.0	0.0	0.0	46.0	24.6	
338	B33R_062_025aе	0.5	0.0	0.125	0.625	0.5	0.25	0.25	316	0.188	0.0	0.625	43.6	31.9	-22.4	22.9	0.153	0.0	0.252	0.0	0.0	0.0	0.0	46.0	31.5	
339	B30R_075_025aе	0.5	0.0	0.125	0.75	0.5	0.25	0.25	307	0.188	0.0	0.75	37.8	16.4	-28.2	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	30.8	
340	B25R_087_025aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	300	0.136	0.0	0.875	32.6	32.6	0.1	30.1	0.155	0.0	0.254	0.0	0.0	0.0	0.0	46.0	30.1	
341	B20R_100_025aе	0.5	0.0	0.125	0.125	0.5	0.25	0.25	305	0.125	0.0	0.125	30.0	32.0	-23.0	22.0	0.144	0.0	0.132	0.0	0.0	0.0	0.0	46.0	29.5	
342	B50Y_050_035aе	0.5	0.0	0.125	0.375	0.5	0.25	0.25	312	0.124	0.0	0.125	40.8	21.6	22.0	22.2	0.146	0.0	0.136	0.0	0.0	0.0	0.0	46.0	24.6	
343	R11Y_050_037aе	0.5	0.0	0.125	0.375	0.5	0.25	0.25	319	0.124	0.0	0.125	40.8	21.6	22.0	22.2	0.146	0.0	0.136	0.0	0.0	0.0	0.0	46.0	24.6	
344	R09Y_050_025aе	0.5	0.0	0.125	0.375	0.5	0.25	0.25	310	0.229	0.0	0.125	37.3	16.3	-9.8	18.8	0.125	0.0	0.250	0.0	0.0	0.0	0.0	46.0	24.6	
345	R08Y_050_025aе	0.5	0.0	0.125	0.375	0.5	0.25	0.25	310	0.229	0.0	0.125	37.3	16.3	-9.8	18.8	0.125	0.0	0.250	0.0	0.0	0.0	0.0	46.0	24.6	
346	B30R_050_025aе	0.5	0.0	0.125	0.625	0.5	0.25	0.25	311	0.188	0.0	0.625	45.0	10.7	-22.3	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
347	B34R_062_037aе	0.5	0.0	0.125	0.75	0.5	0.25	0.25	307	0.188	0.0	0.75	37.8	16.4	-28.2	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
348	B25R_075_037aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	300	0.136	0.0	0.875	32.6	32.6	0.1	30.1	0.155	0.0	0.254	0.0	0.0	0.0	0.0	46.0	32.0	
349	B19R_087_037aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	305	0.125	0.0	0.875	32.6	32.6	-23.0	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
350	B15R_100_037aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	306	0.124	0.0	0.875	32.6	32.6	-23.0	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
351	B67Y_050_035aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	312	0.124	0.0	0.875	32.6	32.6	-23.0	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
352	R08Y_050_037aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	310	0.124	0.0	0.875	32.6	32.6	-23.0	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
353	R09Y_050_025aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	310	0.124	0.0	0.875	32.6	32.6	-23.0	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
354	R09Y_050_025aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	310	0.124	0.0	0.875	32.6	32.6	-23.0	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
355	B30R_050_012aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	311	0.124	0.0	0.875	32.6	32.6	-23.0	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
356	B25R_062_025aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	310	0.124	0.0	0.875	32.6	32.6	-23.0	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
357	B11R_075_037aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	306	0.124	0.0	0.875	32.6	32.6	-23.0	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
358	B11R_087_037aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	307	0.124	0.0	0.875	32.6	32.6	-23.0	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
359	B09R_100_025aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	306	0.124	0.0	0.875	32.6	32.6	-23.0	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
360	Y00G_050_035aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	305	0.124	0.0	0.875	32.6	32.6	-23.0	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
361	Y00G_050_035aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	305	0.124	0.0	0.875	32.6	32.6	-23.0	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
362	T23G_062_025aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	304	0.124	0.0	0.875	32.6	32.6	-23.0	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
363	T31G_062_025aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	305	0.124	0.0	0.875	32.6	32.6	-23.0	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
364	T31G_062_025aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	305	0.124	0.0	0.875	32.6	32.6	-23.0	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	
365	B09R_062_012aе	0.5	0.0	0.125	0.875	0.5	0.25	0.25	307	0.124	0.0	0.875	32.6	32.6	-23.0	27.8	0.125	0.0	0.252	0.0	0.0	0.0	0.0	46.0	32.0	

TUB registration: 20150701-RE75/RE75L0FA.TXT /PS; 3D-linearization  
application for measurement of laser printer output, separation cmy0\* (CMY0)

TUB material: code=rha4ta

<http://130.149.60.45/~farbmektrik/RE75/RE75L0FA.TXT>

F: 3D-linearization RE75/RE75L0FA.DAT in file (F), page 25/33

<http://130.149.60.45/~farbmektrik/RE75/RE75L0FA.DAT>

see similar files:

<http://130.149.60.45/~farbmektrik/RE75/RE75.HTM>

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

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see similar files: <http://130.149.60.45/~farbmektrik/RE75/RE75.HTM>

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

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TUB registration: 20150701-RE75/RE75L0FA.TXT /PS; 3D-linearization  
application for measurement of laser printer output, separation cmy0\* (CMY0)

TUB material: code=rha4ta



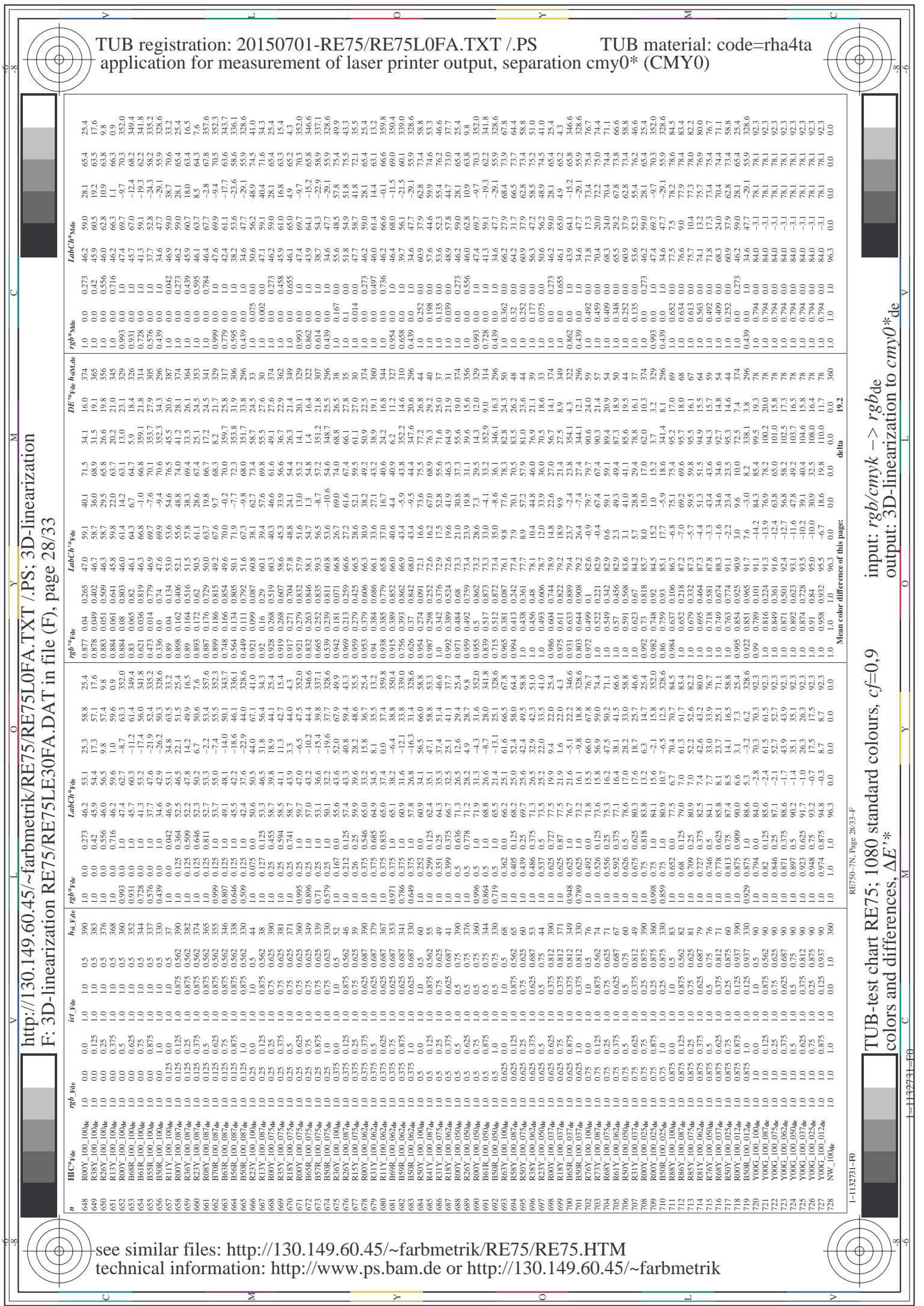
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n	HIC-Fde	rgb-Fde	ict-Fde	LabCh%Fde				LabCh%Mode				DE%*rgb-Hist,de				rgb%Mode													
				bs_Fde	rgb%Fde	rgb%Mode	LabCh%Mode	bs_Fde	rgb%Mode	LabCh%Mode	bs_Fde	rgb%Mode	LabCh%Mode	bs_Fde	rgb%Mode	LabCh%Mode	bs_Fde	rgb%Mode	LabCh%Mode										
567	RIOY_087_0874e	0.875	0.0	0.875	0.875	0.437	43.5	46.5	22.1	51.5	25.4	0.764	0.046	0.225	44.0	55.3	35.9	65.9	33.0	28.1									
568	R316Y_087_0874e	0.875	0.0	0.875	0.875	0.437	38.2	43.2	47.8	14.2	49.9	16.5	0.771	0.051	0.253	44.3	55.6	31.6	63.4	29.6	18.0								
569	R233Y_087_0874e	0.875	0.0	0.875	0.875	0.437	37.4	43.2	45.4	6.7	50.6	17.6	0.779	0.053	0.267	43.1	55.7	31.2	63.4	29.6	16.5								
570	R08Y_087_0874e	0.875	0.0	0.875	0.875	0.437	36.5	0.868	43.7	53.3	2.2	53.4	35.7	0.781	0.053	0.267	43.1	55.7	31.2	63.4	29.6	16.5							
571	B70R_087_0874e	0.875	0.0	0.875	0.875	0.437	35.5	0.874	0.0	44.7	5.4	55.5	0.778	0.078	0.267	43.1	55.7	2.2	67.8	29.6	16.5								
572	B63R_087_0874e	0.875	0.0	0.875	0.875	0.437	34.6	0.862	0.0	40.2	48.1	-4.1	50.1	343.7	0.563	0.03	0.267	43.1	55.7	7.6	63.4	29.6	16.5						
573	B65R_087_0874e	0.875	0.0	0.875	0.875	0.437	33.8	0.521	0.0	0.875	46.1	-18.6	46.1	336.1	0.413	0.03	0.261	42.7	55.7	2.2	63.4	29.6	16.5						
574	B50R_087_0874e	0.875	0.0	0.875	0.875	0.437	34.9	0.731	0.0	0.875	44.0	-22.4	44.0	328.6	0.299	0.03	0.261	42.7	55.7	2.2	63.4	29.6	16.5						
575	B44R_100_0874e	0.875	0.0	0.875	0.875	0.437	33.0	0.339	0.0	1.0	32.1	37.7	29.4	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
576	B50R_100_0874e	0.875	0.0	0.875	0.875	0.437	38.8	0.755	0.002	43.5	46.5	31.8	33.0	0.771	0.044	0.084	52.2	50.1	66.9	20.4	48.5	1.0	0.002	0.0	32.1	37.7	16.5		
577	R00Y_087_0754e	0.875	0.0	0.875	0.875	0.437	30.0	0.875	0.125	0.39	44.3	1.4	44.1	25.4	0.8	0.144	0.047	0.171	45.8	41.6	42.2	23.4	30.0	1.0	0.002	0.0	32.1	37.7	16.5
578	R35Y_087_0754e	0.875	0.0	0.875	0.875	0.437	38.1	0.875	0.125	0.39	44.3	1.4	44.1	25.4	0.8	0.144	0.047	0.171	45.8	41.6	42.2	23.4	30.0	1.0	0.002	0.0	32.1	37.7	16.5
579	R18Y_087_0754e	0.875	0.0	0.875	0.875	0.437	39.0	0.875	0.125	0.39	44.3	1.4	44.0	25.4	0.8	0.144	0.047	0.171	45.8	41.6	42.2	23.4	30.0	1.0	0.002	0.0	32.1	37.7	16.5
580	R00Y_087_0754e	0.875	0.0	0.875	0.875	0.437	36.0	0.871	0.125	0.39	47.0	1.4	44.0	32.2	0.793	0.176	0.741	49.7	50.5	55.6	14.8	32.9	0.0	0.993	0.0	32.1	37.7	16.5	
581	B65R_087_0754e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	43.2	-42.2	44.0	346.2	0.413	0.0	0.261	42.8	55.4	2.2	63.4	29.6	16.5						
582	B50R_087_0754e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
583	B50R_100_0874e	0.875	0.0	0.875	0.875	0.437	32.0	0.339	0.0	1.0	32.1	37.7	29.4	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
584	B44R_100_0874e	0.875	0.0	0.875	0.875	0.437	32.0	0.339	0.0	1.0	32.1	37.7	29.4	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
585	B61R_087_0754e	0.875	0.0	0.875	0.875	0.437	32.0	0.339	0.0	1.0	32.1	37.7	29.4	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
586	R15Y_087_0754e	0.875	0.0	0.875	0.875	0.437	39.0	0.875	0.125	0.39	44.3	1.4	44.0	25.4	0.8	0.144	0.047	0.171	45.8	41.6	42.2	23.4	30.0	1.0	0.002	0.0	32.1	37.7	16.5
587	R31Y_087_0624e	0.875	0.0	0.875	0.875	0.437	34.9	0.771	0.125	0.39	47.0	1.4	44.0	32.2	0.793	0.176	0.741	49.7	50.5	55.6	14.8	32.9	0.0	0.993	0.0	32.1	37.7	16.5	
588	R57Y_087_0624e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	44.0	-22.4	44.0	328.6	0.299	0.03	0.261	42.8	55.4	2.2	63.4	29.6	16.5						
589	R11Y_087_0624e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
590	B69R_087_0624e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
591	R00Y_087_0624e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
592	B50R_087_0624e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
593	B61R_087_0624e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
594	R41Y_087_0624e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
595	R31Y_087_0624e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
596	R57Y_087_0624e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
597	R00Y_087_0624e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
598	R233Y_087_0624e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
599	R00Y_087_0624e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
600	B61R_087_0624e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
601	B50R_087_0624e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
602	B44R_087_0624e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
603	R00Y_087_0754e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
604	R31Y_087_0754e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
605	R57Y_087_0754e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
606	R233Y_087_0754e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
607	R00Y_087_0754e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
608	R15Y_087_0754e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255	44.2	64.5	14.8	63.4	29.6	16.5						
609	R716Y_087_0624e	0.875	0.0	0.875	0.875	0.437	33.0	0.521	0.0	0.875	41.1	-36.6	32.2	321.9	0.255	0.0	0.255</												



input:  $rgb/cm\gamma k \rightarrow rgb$   
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output: 3D-linearization to

/5; 1080 standard colours, cf=0,5

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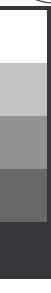
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TUB registration: 20150701-RE75/RE75L0FA.TXT /PS  
application for measurement of laser printer output, separation cmy0\* (CMY0)

TUB material: code=rha4ta



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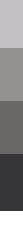
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see similar files: <http://130.149.60.45/~farbmek/RE75/RE75.htm>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmek>



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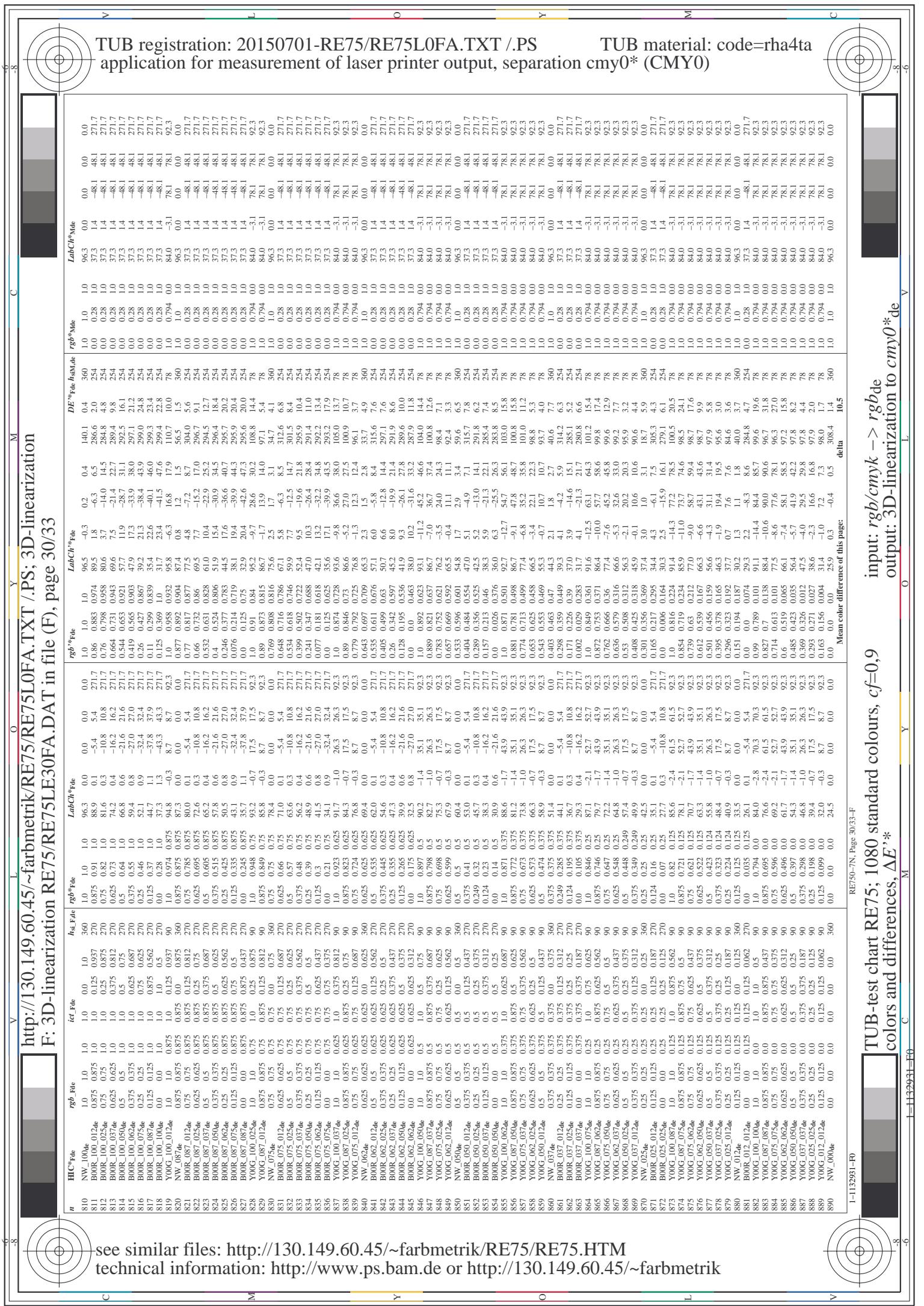
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TUB registration: 20150701-RE75/RE75L0FA.TXT /PS  
application for measurement of laser printer output, separation cmy0\* (CMY0)

TUB material: code=rha4ta



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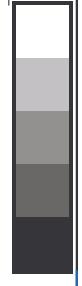
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TUB registration: 20150701-RE75/RE75L0FA.TXT /PS  
application for measurement of laser printer output, separation cmy0\* (CMY0)

TUB material: code=rha4ta



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