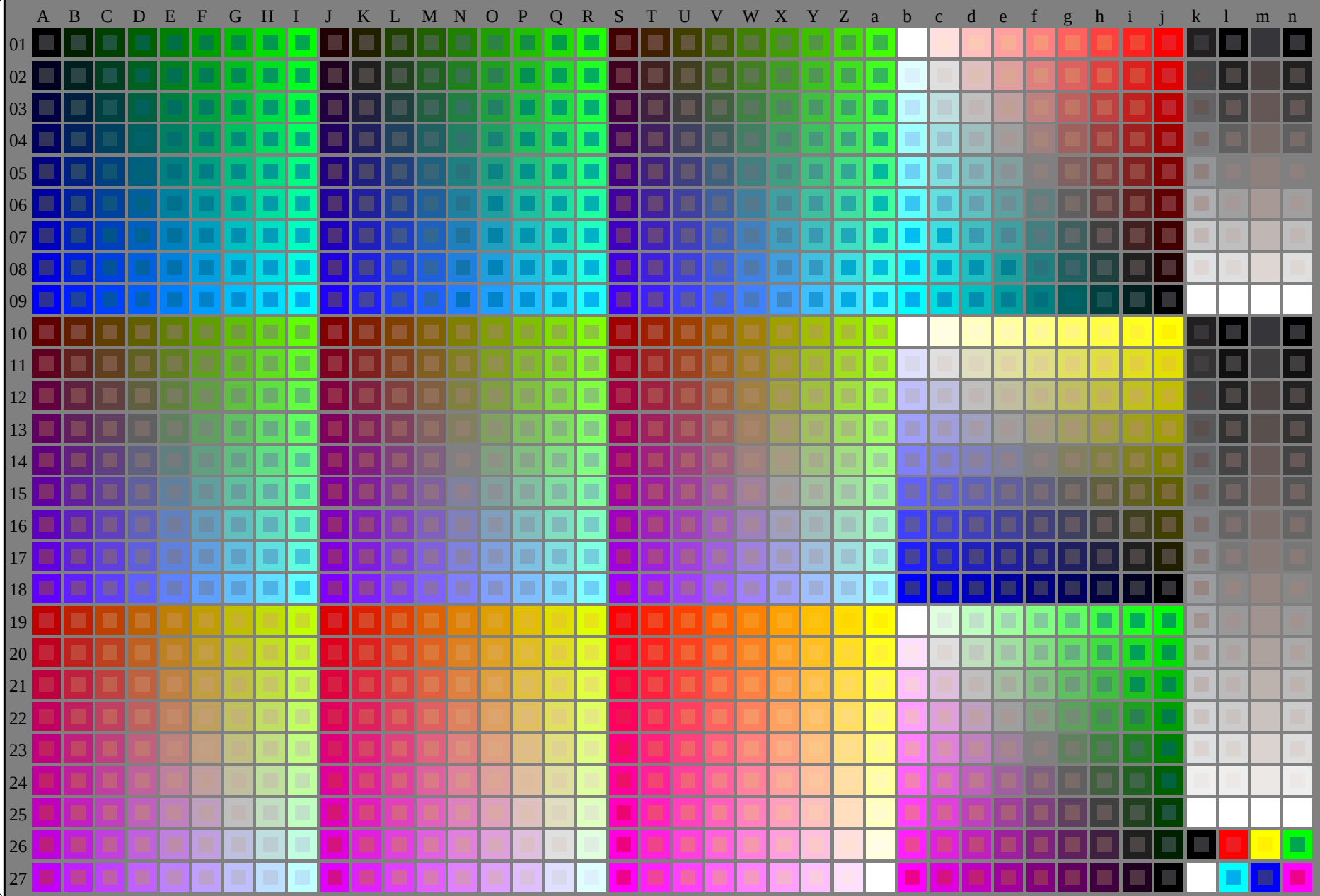


see similar files: <http://130.149.60.45/~farbmetrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE75/RE75L0NP.PDF /.PS
application for measurement of laser printer output

TUB material: code=rha4ta



RE750-7N_RGB 1-003031-L0

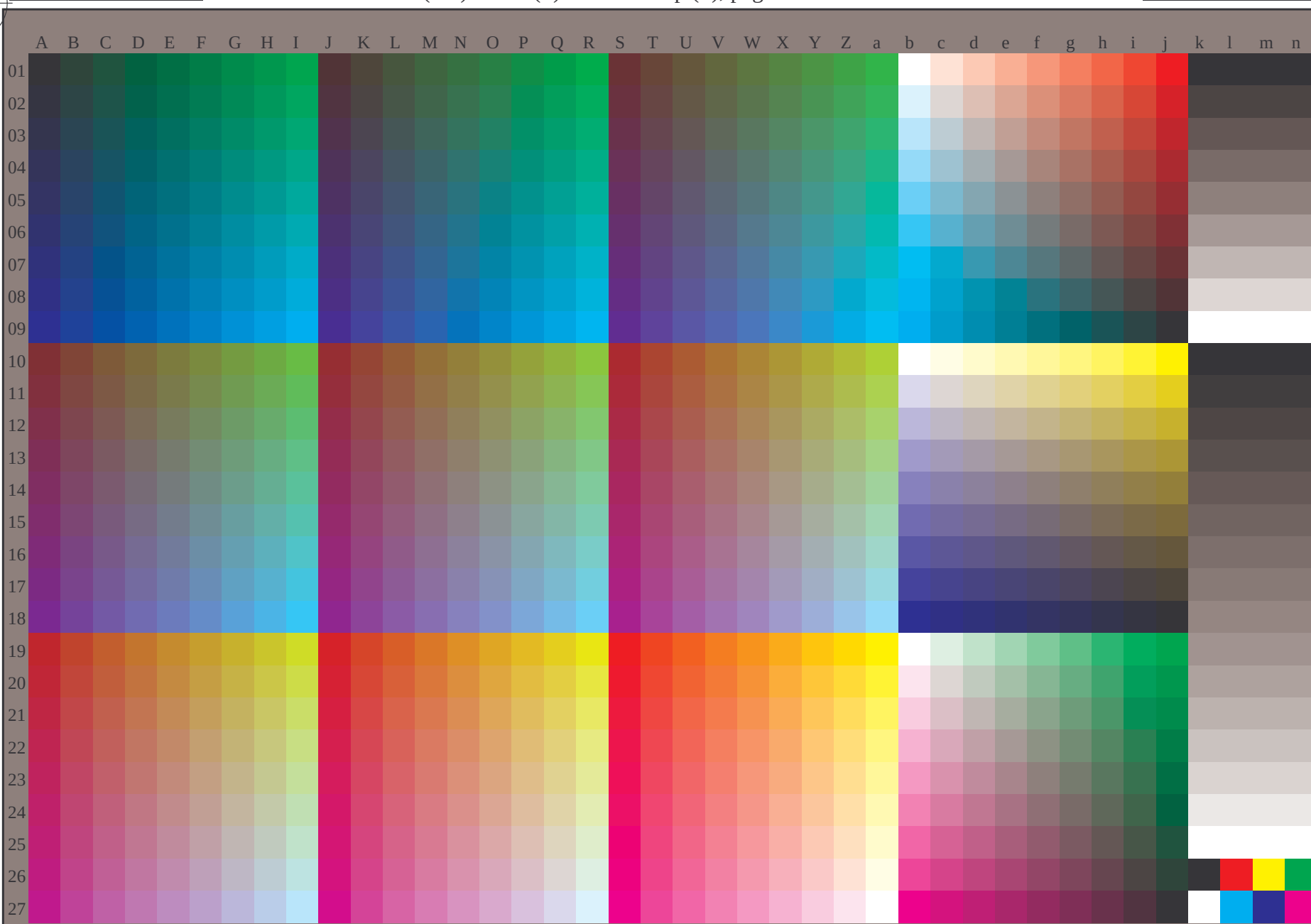
TUB-test chart RE75; 1080 standard colours, $cf=0,9$
Test chart according to DIN 33872

Test chart G with 40x27=1080 colours; equidistant 9 or 16 step colour scales; Colour data in column (A-n): **rgb** (A_j + k26_n27), 000n (k), w (l), nnn0 (m), www (n), 3D = 0

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

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

TUB registration: 20150701-RE75/RE75L0NP.PDF /.PS
application for measurement of laser printer output, separation cmy0 (CMY0)
TUB material: code=rha4ta



RE750-70 1-003131-L0

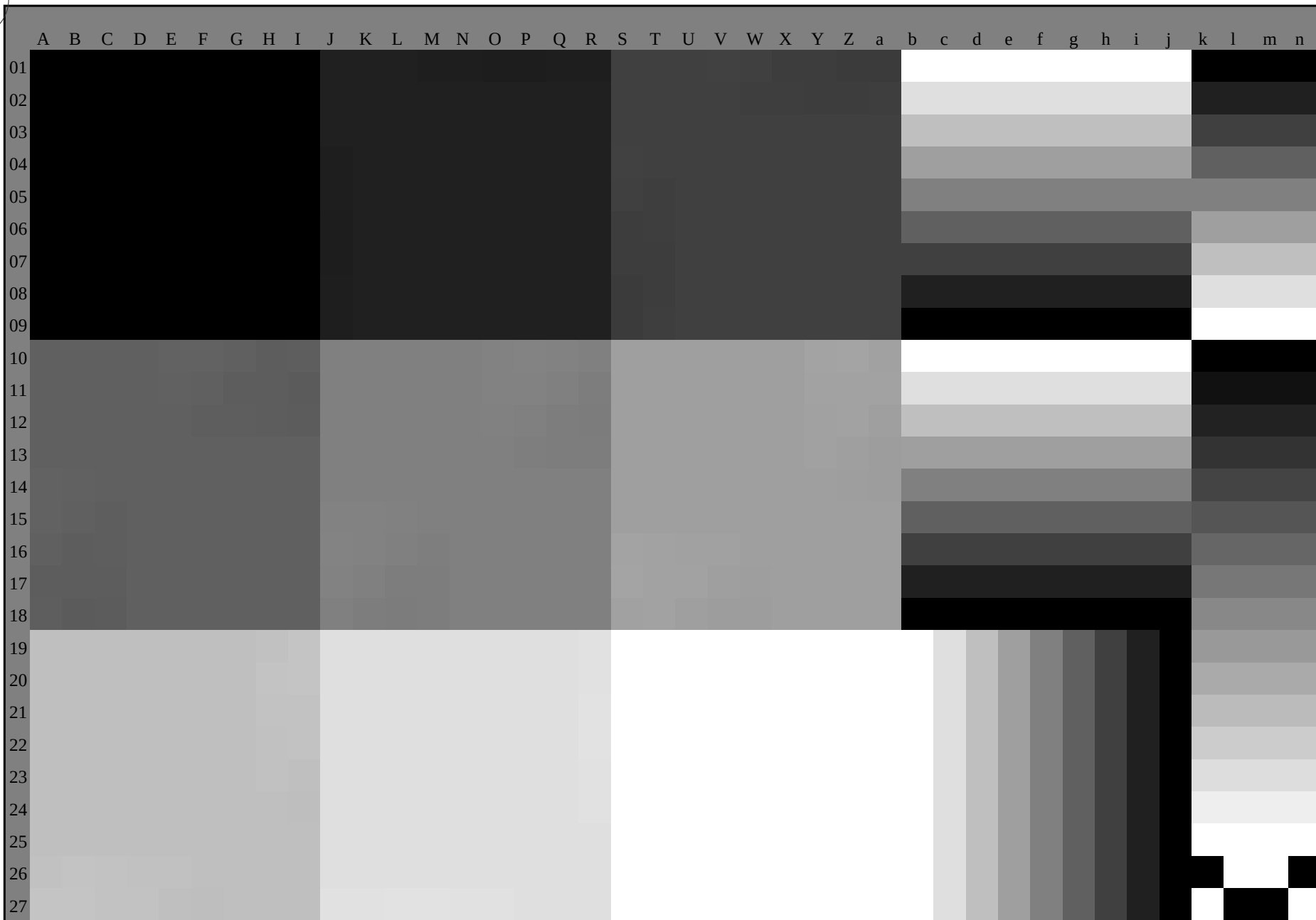
TUB-test chart RE75; 1080 standard colours, $cf=0,9$
Test chart according to DIN 33872, $3D=0$, $de=0$, $cmy0$

input: $rgb/cmyk \rightarrow rgb_d$
output: transfer to $cmy0_d$

1-003131-F0

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

TUB registration: 20150701-RE75/RE75L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmy0 (CMY0)



RE750-70

1-003231-L0

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

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

input: $rgb/cmyk \rightarrow rgb_d$
output: transfer to $cmy0_d$

1-003231-E0

C

M

Y

O

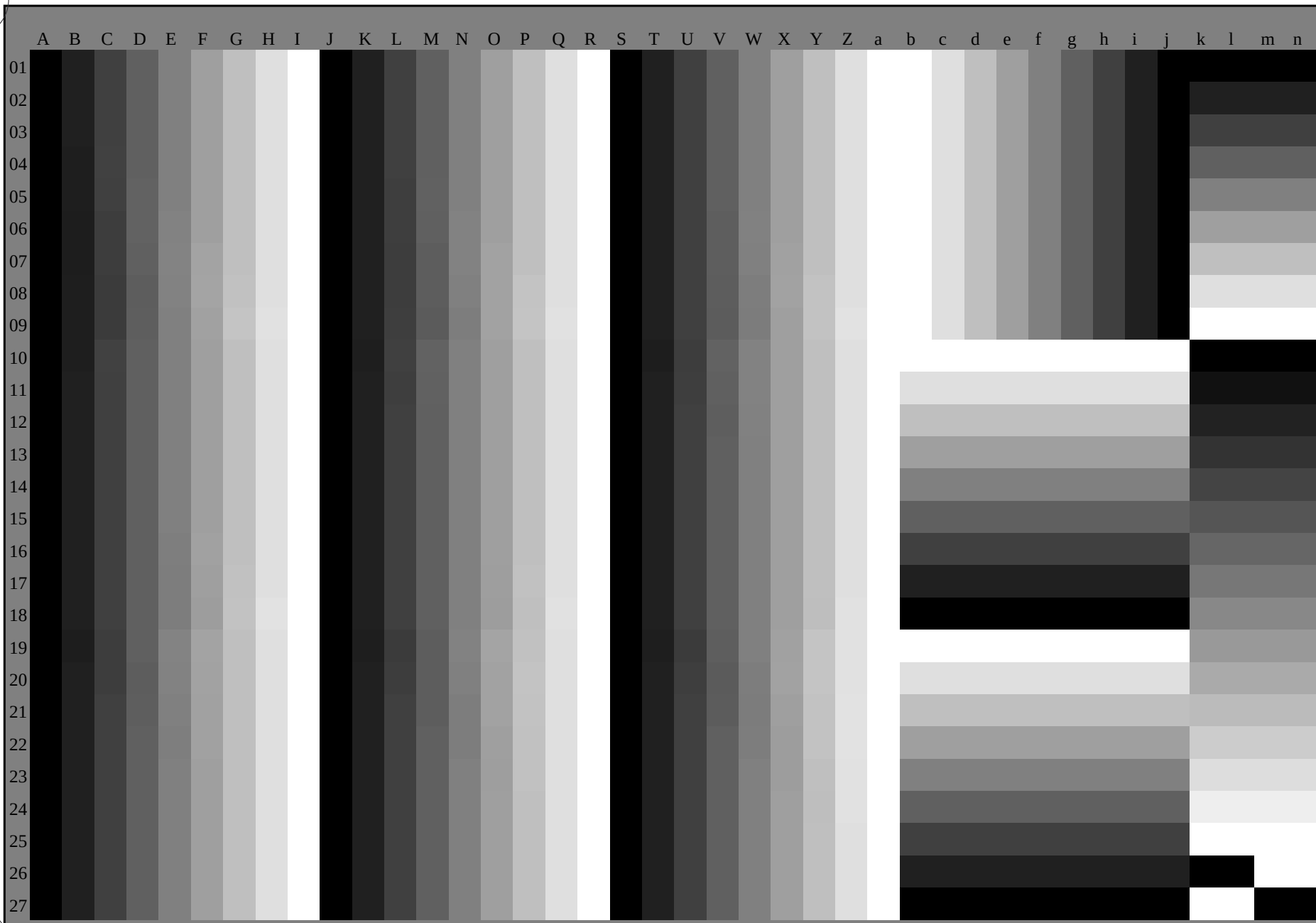
L

V

C

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

TUB registration: 20150701-RE75/RE75L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmy0 (CMY0)



RE750-70 1-003331-L0

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

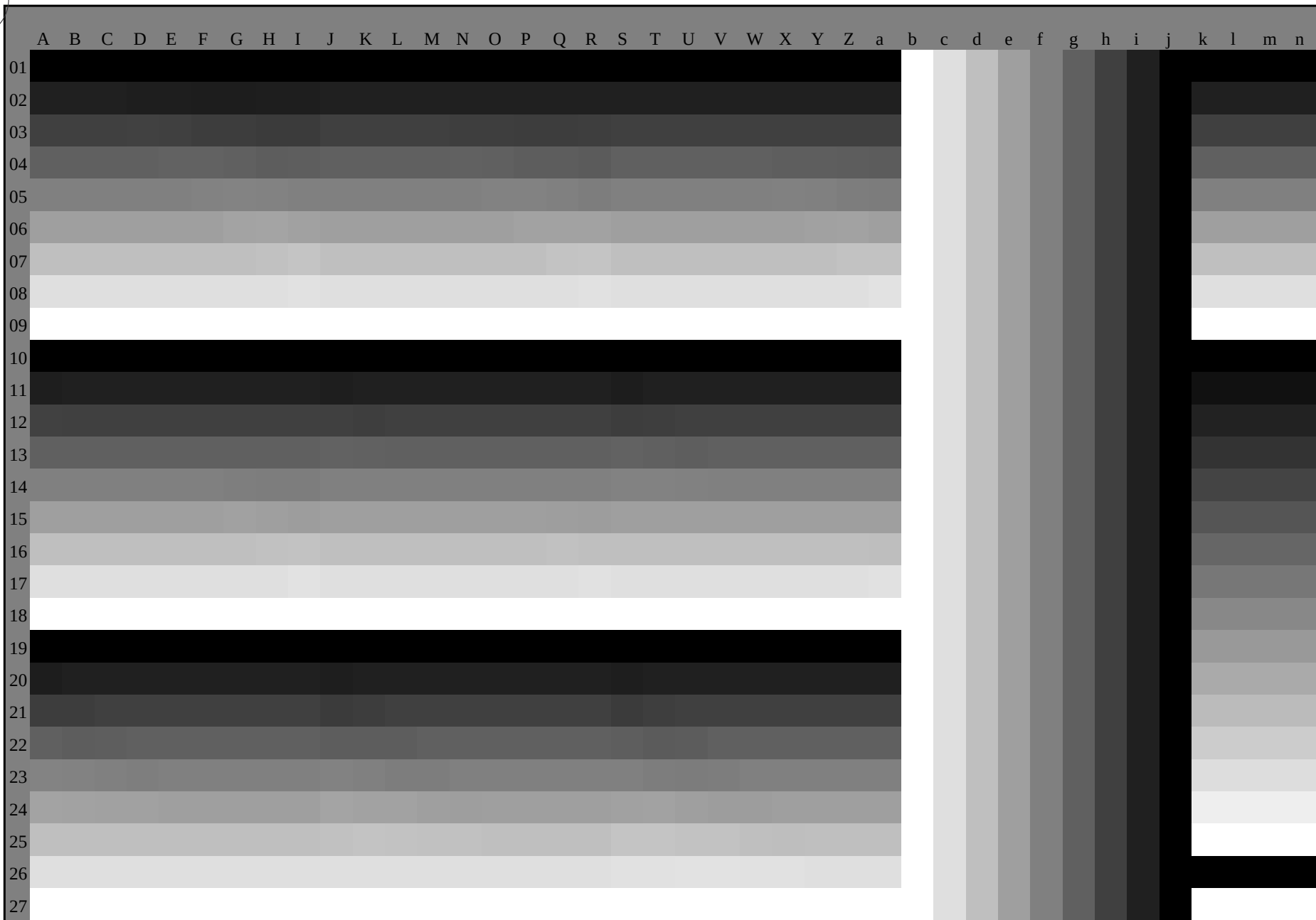
TUB-test chart RE75; 1080 standard colours, $cf=0,9$
Test chart according to DIN 33872

input: $rgb/cmyk \rightarrow rgb_d$
output: transfer to $cmy0_d$

1-003331-F0

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

TUB registration: 20150701-RE75/RE75L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmy0 (CMY0)



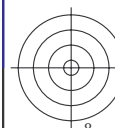
RE750-70 1-003431-L0

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

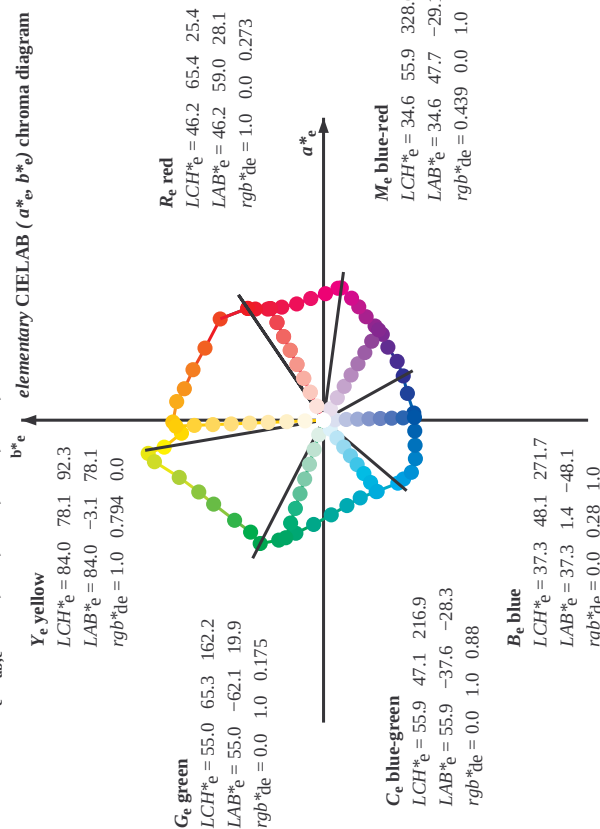
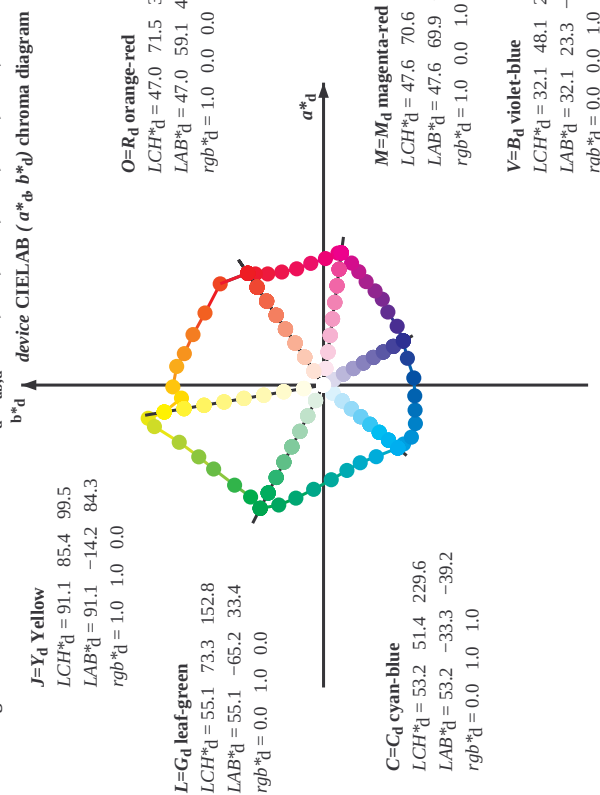
Test chart G with 40x27=1080 colours; equidistant 9 or 16 step colour scales; Colour data in column (A-n);, **3D = 0**

input: $rgb/cmyk \rightarrow rgb_d$
output: transfer to $cmy0_d$

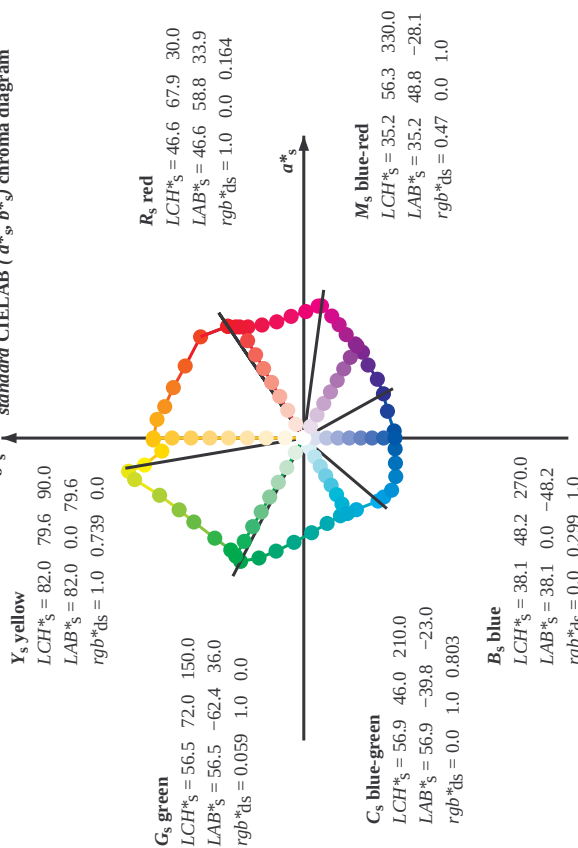
1-003431-E0



Data of Maximum color M in colorimetric system Offset standard print; separation cmy6* D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCM; $h_{ab,d} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours RYGBCM; $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours RYGBCM; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



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



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

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

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

$$h_{48ab,sij} = h_{ab,si} + j \left[\frac{h_{ab,si+1} - h_{ab,si}}{18} \right] \quad (i=0,1,...,5; j=0,1,...,7) \quad (2)$$

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

$$h_{48ab,eij} = h_{ab,ei} + j \left[\frac{h_{ab,ei+1} - h_{ab,ei}}{18} \right] \quad (i=0,1,...,5; j=0,1,...,7) \quad (4)$$

$$h_{360ab,eij} = h_{ab,ei} + j \left[\frac{h_{ab,ei+1} - h_{ab,ei}}{60} \right] \quad (i=0,1,...,5; j=0,1,...,59) \quad (5)$$
- For any elementary hue angle h_{ab} 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^*_e produce the output of the device-independent elementary hues

LAB*_{ab}, YN=0%, XY Znw=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

input: $rgb/cmyk \rightarrow rgb_d$
output: transfer to $cmy0_d$

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

RE750-70 1-003631-L0

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

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

<http://130.149.60.45/~farbmeterik/RE75/RE75LONP.PDF> /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 8/33

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

[illegible]

TUB registration: 20150701-RE75/RE75L0NP.PDF /PS
application for measurement of laser printer output, separation cmy0 (CMY0)

TUB material: code=rha4ta

Six hue angles of the 60 degree standard colours RYGBCM; $h_{ab,d} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
separation cmy6*; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

LAB* d64M (x=LabCh)			rgb* d64M			LAB* d64M			rgb* d64M			LAB* d64M			rgb* d64M		
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$
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	0.0	27.4	46.3	59.1
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	0.0	0.043	46.9	59.1
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
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
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
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
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
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
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
100.7	97.5	101.0	0.875	1.0	0.0	92.9	-17.6	92.7	94.4	100.7	100.7	0.875	1.0	0.0	92.5	-16.7	90.7
103.7	105.0	109.7	0.75	1.0	0.0	89.4	-21.9	89.4	92.1	103.7	103.7	0.75	1.0	0.0	83.0	-28.5	79.4
111.6	112.5	118.5	0.625	1.0	0.0	81.0	-30.2	76.3	82.0	111.6	111.6	0.625	1.0	0.0	75.9	-36.2	68.5
119.9	120.0	127.2	0.5	1.0	0.0	74.3	-37.9	65.9	76.1	119.9	119.9	0.5	1.0	0.0	69.5	-44.2	58.3
127.3	127.5	136.0	0.375	1.0	0.0	69.4	-44.4	58.1	73.1	127.3	127.3	0.375	1.0	0.0	64.3	-50.8	50.2
138.3	135.0	144.7	0.25	1.0	0.0	62.4	-52.9	47.0	70.8	138.3	138.3	0.25	1.0	0.0	59.3	-57.6	40.8
146.8	142.5	153.4	0.125	1.0	0.0	58.2	-59.2	38.6	70.6	146.8	146.8	0.125	1.0	0.0	55.1	-65.1	33.4
152.8	150.0	162.2	0.0	1.0	0.0	55.1	-65.2	33.4	73.3	152.8	152.8	0.0	1.0	0.0	51.1	-72.9	24.9
159.5	157.5	169.0	0.0	1.0	0.125	54.8	-63.5	23.7	67.8	159.5	159.5	0.0	1.0	0.285	55.6	-58.6	11.8
166.2	165.0	175.9	0.0	1.0	0.25	55.4	-59.8	14.6	61.5	166.2	166.2	0.0	1.0	0.391	56.3	-54.5	3.9
174.5	172.5	182.7	0.0	1.0	0.375	56.2	-55.1	5.2	55.4	174.5	174.5	0.0	1.0	0.471	56.8	-51.4	-2.0
184.6	180.0	189.6	0.0	1.0	0.5	56.9	-50.1	-4.0	50.3	184.6	184.6	0.0	1.0	0.558	57.2	-47.9	-8.0
195.2	187.5	196.4	0.0	1.0	0.625	57.4	-45.1	-12.3	46.7	195.2	195.2	0.0	1.0	0.634	57.5	-44.8	-12.8
205.2	195.0	203.2	0.0	1.0	0.75	57.5	-41.0	-19.3	45.3	205.2	205.2	0.0	1.0	0.725	57.6	-41.8	-18.0
216.3	202.5	210.1	0.0	1.0	0.875	56.0	-37.8	-27.8	46.9	216.3	216.3	0.0	1.0	0.8	57.0	-39.9	-22.7
229.6	210.0	216.9	0.0	1.0	1.0	53.2	-33.3	-39.2	51.4	229.6	229.6	0.0	1.0	0.881	55.9	-37.6	-28.3
233.6	217.5	223.8	0.0	0.875	1.0	52.6	-31.1	-42.2	52.5	233.6	233.6	0.0	1.0	0.941	54.6	-35.8	-33.8
239.3	225.0	230.6	0.0	0.75	1.0	52.6	-27.5	-46.4	54.0	239.3	239.3	0.0	1.0	0.968	53.1	-32.7	-39.9
247.2	232.5	237.5	0.0	0.625	1.0	50.2	-20.3	-48.6	52.7	247.2	247.2	0.0	0.8	1.0	52.6	-29.0	-44.7
254.6	240.0	244.3	0.0	0.5	1.0	46.2	-13.2	-48.4	50.2	254.6	254.6	0.0	0.671	1.0	51.1	-22.9	-47.9
263.2	247.5	251.2	0.0	0.375	1.0	41.3	-5.7	-48.3	48.6	263.2	263.2	0.0	0.451	1.0	48.4	-16.9	-48.6
274.4	255.0	258.0	0.0	0.25	1.0	36.0	3.7	-47.8	47.9	274.4	274.4	0.0	0.362	1.0	40.8	-4.6	-48.3
287.7	262.5	264.8	0.0	0.125	1.0	34.4	14.1	-44.3	46.5	287.7	287.7	0.0	0.281	1.0	37.4	1.5	-48.0
299.0	270.0	271.7	0.0	0.0	1.0	32.1	23.3	-42.1	48.1	299.0	299.0	0.0	0.213	1.0	35.6	6.9	-46.9
308.6	277.5	278.8	0.125	0.0	1.0	31.3	31.1	-38.9	49.8	308.6	308.6	0.0	0.142	1.0	34.7	12.8	-44.8
318.6	285.0	285.9	0.25	0.0	1.0	30.9	38.6	-34.0	51.4	318.6	318.6	0.0	0.071	1.0	33.5	18.1	-43.5
325.6	292.5	293.0	0.375	0.0	1.0	33.4	45.4	-31.0	55.0	325.6	325.6	0.0	0.015	0.0	32.0	24.3	-41.7
331.3	300.0	300.1	0.5	0.0	1.0	35.8	49.8	-27.2	56.7	331.3	331.3	0.0	0.010	0.0	31.5	29.7	-39.5
337.6	307.5	307.2	0.625	0.0	1.0	39.0	54.7	-22.4	59.1	337.6	337.6	0.0	0.010	0.0	31.1	35.5	-36.2
342.7	315.0	314.3	0.75	0.0	1.0	41.8	60.0	-18.6	62.8	342.7	342.7	0.0	0.010	0.0	31.1	35.5	-36.2
347.0	322.5	321.4	0.875	0.0	1.0	44.2	64.5	-14.8	66.2	347.0	347.0	0.0	0.010	0.0	31.8	41.0	-33.0
352.3	330.0	328.6	1.0	0.0	1.0	47.6	69.9	-9.4	70.6	352.3	352.3	0.0	0.010	0.0	34.7	47.8	-29.0
353.7	337.5	335.7	1.0	0.0	0.875	46.9	69.7	-7.6	70.1	353.7	353.7	0.0	0.010	0.0	37.8	52.9	-24.3
359.1	345.0	342.8	1.0	0.0	0.75	46.3	66.8	-1.0	66.8	359.1	359.1	0.0	0.010	0.0	41.9	60.1	-18.5
365.9	352.5	349.9	1.0	0.0	0.625	46.1	64.3	6.7	64.7	365.9	365.9	0.0	0.010	0.0	45.8	67.1	-12.4
373.0	360.0	357.0	1.0	0.0	0.5	46.0	61.4	14.2	63.1	373.0	373.0	0.0	0.010	0.0	47.5	69.7	-9.6
380.2	367.5	364.1	1.0	0.0	0.375	45.8	59.8	22.0	63.7	380.2	380.2	0.0	0.010	0.0	47.5	69.7	-9.6
386.6	375.0	371.2	1.0	0.0	0.25	46.3	58.7	29.5	65.8	386.6	386.6	0.0	0.010	0.0	47.5	69.7	-9.6
391.5	382.5	378.3	1.0	0.0	0.125	46.7	58.7	36.0	68.9	391.5	391.5	0.0	0.010	0.0	47.5	69.7	-9.6
394.1	390.0	385.4	1.0	0.0	0.0	47.0	59.1	40.1	71.5	394.1	394.1	0.0	0.010	0.0	47.5	69.7	-9.6

LAB*lab,0, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*mnw=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 -> rgbd
output: transfer to cmy0d

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

Six hue angles of the device colours RYGBM; $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours RYGBM; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$										Six hue angles of the elementary colours RYGBM; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$									
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{d361M}	$LAB^*_{d361M}(x=LabCh)$	Y_d	rgb^*_{d361M}	$LAB^*_{d361M}(x=LabCh)$	Y_d	rgb^*_{d361M}	$LAB^*_{d361M}(x=LabCh)$	Y_e	rgb^*_{d361M}	$LAB^*_{d361M}(x=LabCh)$	Y_e	rgb^*_{d361M}	$LAB^*_{d361M}(x=LabCh)$	Y_e		
-269	75	75	1.0	0.75	0.0	82.6	-0.9	79.7	79.7	-269	R_d	1.0	0.467	0.0	70.8	19.4	72.6	75.1	75
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
98	88	90	1.0	0.966	0.0	89.9	-12.1	81.9	82.8	98	1.0	0.707	0.0	80.4	2.8	79.2	79.2	88	
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	
99	90	92	1.0	1.0	0.0	91.1	-14.2	84.3	85.4	99	1.0	0.739	0.0	82.0	0.0	79.6	79.6	90	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
120	121	128	0.483	1.0	0.0	73.4	-38.8	64.8	75.1	120	0.483	1.0	0.0	73.4	-38.8	64.8	75.1	121	
121	122	129	0.466	1.0	0.0	72.5	-39.7	63.7	74.1	121	0.466	1.0	0.0	72.5	-39.7	63.7	74.1	122	
122	123	130	0.449	1.0	0.0	71.6	-40.6	62.6	73.1	122	0.449	1.0	0.0	71.6	-40.6	62.6	73.1	123	
123	124	131	0.432	1.0	0.0	70.7	-41.5	61.5	72.1	123	0.432	1.0	0.0	70.7	-41.5	61.5	72.1	124	
124	125	132	0.415	1.0	0.0	69.8	-42.4	60.4	71.1	124	0.415	1.0	0.0	70.0	-42.4	60.8	74.1	125	
125	126	133	0.398	1.0	0.0	68.9	-43.3	59.3	70.1	125	0.398	1.0	0.0	69.2	-43.3	59.5	73.7	126	
126	127	134	0.381	1.0	0.0	68.0	-44.2	58.2	69.1	126	0.381	1.0	0.0	68.5	-44.2	58.3	73.2	127	
127	128	135	0.364	1.0	0.0	67.1	-45.1	57.1	68.1	127	0.364	1.0	0.0	67.1	-45.1	57.1	68.1	128	
128	129	136	0.347	1.0	0.0	66.2	-46.0	56.0	67.1	128	0.347	1.0	0.0	66.2	-46.0	56.0	67.1	129	
129	130	137	0.33	1.0	0.0	65.3	-46.9	54.9	66.1	129	0.33	1.0	0.0	65.3	-46.9	54.9	66.1	130	
130	131	138	0.313	1.0	0.0	64.4	-47.8	53.8	65.1	130	0.313	1.0	0.0	64.4	-47.8	53.8	65.1	131	
131	132	139	0.296	1.0	0.0	63.5	-48.7	52.7	64.1	131	0.296	1.0	0.0	63.5	-48.7	52.7	64.1	132	
132	133	140	0.279	1.0	0.0	62.6	-49.6	51.6	63.1										

<http://130.149.60.45/~farbmatrik/RE75/RE75LONP.PDF> /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 13/33

Six hue angles of the device colours RYGBCEM_d: $\text{hab}_{ab} = 34.2^\circ, 99.6^\circ, 152.8^\circ, 229.7^\circ, 299.0^\circ, 352.3^\circ$; Six hue angles of the elementary colours RYGBCEM_e: $\text{hab}_e = 25.5^\circ, 92.3^\circ, 162.2^\circ, 217.0^\circ, 271.7^\circ, 328.6^\circ$. Six hue angles of the colorimetric system print; Six hue angles of the maximum color M in colorimetric system print; Six hue angles of the maximum color M in colorimetric system output; Six hue angles of the 60 degree standard colours KRGCM95%: $\text{hab}_{d,60} = 30.6^\circ, 90.6^\circ, 130.6^\circ, 210.6^\circ, 270.6^\circ, 330.6^\circ$.

[illegible]

5.4, 0.0, 0.0, not adapted=adapted

4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*_{nw}=24.1

input: *rgb/cmyk* - $\rightarrow$ *rgb*
output: transfer to *cmy0a*

5.4, 0.0, 0.0, not adapted=adapted

4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*_{nw}=24.1

Data of Maximum color M in colorimetric system Offset standard print; separation cmy6* D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCM; $h_{ab,d65} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;										
Six hue angles of the device colours RYGBCM; $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours RYGBCM; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$										
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{d361M}	$LAB^*_{d361M}(x=L, a=Ch)$	rgb^*_{d361M}	$LAB^*_{d361M}(x=L, a=Ch)$	rgb^*_{d361M}	LAB^*_{d361M}	rgb^*_{d361M}	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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 48.4 266	
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	
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	
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	
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	
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	
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_d	0.0 0.281 1.0	37.4 1.5 -48.0 48.1 271
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	0.0 0.27 1.0	36.9 2.3 -47.9 48.1 272	
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	0.0 0.259 1.0	36.5 3.0 -47.8 48.0 273	
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	0.0 0.249 1.0	36.1 3.8 -47.7 48.0 274	
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	0.0 0.24 1.0	36.0 4.6 -47.5 47.9 275	
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	0.0 0.231 1.0	35.8 5.4 -47.3 47.7 276	
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	0.0 0.222 1.0	35.7 6.2 -47.1 47.6 277	
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	0.0 0.213 1.0	35.6 6.9 -46.9 47.5 278	
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	0.0 0.204 1.0	35.5 7.7 -46.7 47.4 279	
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	0.0 0.195 1.0	35.4 8.4 -46.5 47.3 280	
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	0.0 0.186 1.0	35.3 9.2 -46.2 47.2 281	
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	0.0 0.178 1.0	35.2 9.9 -46.0 47.1 282	
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	0.0 0.169 1.0	35.0 10.7 -45.7 47.0 283	
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	0.0 0.16 1.0	34.9 11.4 -45.4 46.9 284	
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	0.0 0.151 1.0	34.8 12.1 -45.1 46.8 285	
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	0.0 0.142 1.0	34.7 12.8 -44.8 46.7 285	
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	0.0 0.133 1.0	34.6 13.6 -44.5 46.6 286	
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	0.0 0.124 1.0	34.5 14.3 -44.2 46.5 287	
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	0.0 0.113 1.0	34.3 15.0 -44.1 46.7 288	
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	0.0 0.103 1.0	34.1 15.8 -44.0 46.8 289	
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	0.0 0.092 1.0	33.9 16.6 -43.8 47.0 290	
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	0.0 0.082 1.0	33.7 17.4 -43.7 47.1 291	
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	0.0 0.071 1.0	33.5 18.1 -43.5 47.2 292	
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	0.0 0.061 1.0	33.3 18.9 -43.3 47.4 293	
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	0.0 0.05 1.0	33.1 19.7 -43.1 47.5 294	
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	0.0 0.04 1.0	32.9 20.5 -42.9 47.7 295	
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	0.0 0.029 1.0	32.7 21.2 -42.7 47.8 296	
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	0.0 0.019 1.0	32.5 22.0 -42.5 47.9 297	
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	0.0 0.008 1.0	32.3 22.8 -42.2 48.1 298	
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	0.003 0.0	1.0 32.1 23.5 -42.0 48.2 299	
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	0.015 0.0	1.0 32.0 24.3 -41.7 48.4 300	

Output: Offset standard print; separation cmy6*, D65, page 15/38

input: $rgb/cmyk \rightarrow rgb$
output: transfer to $cmy0_d$

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

1-0031431-L0
RE750-70

Data of Maximum color M in colorimetric system Offset standard print; separation cmy6*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCM; $h_{ab,d} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;																			
Six hue angles of the device colours RYGBCM; $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours RYGBCM; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																			
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{d361M}	$LAB^*_{d361M}(x=LabCh)$	rgb^*_{d361MI}	$LAB^*_{d361MI}(x=LabCh)$	rgb^*_{d361MI}	LAB^*_{d361MI}	rgb^*_{d361MI}										
331	300	0.5	0.0	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
332	301	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
333	302	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
334	303	0.0	1.0	37.1	51.8	-25.4	57.7	334	0.052	0.0	1.0	31.8	26.6	-40.9	48.9	303	0.55	0.0	1.0
335	304	0.0	1.0	37.5	52.4	-24.7	58.0	335	0.065	0.0	1.0	31.7	27.4	-40.6	49.0	304	0.567	0.0	1.0
336	305	0.0	1.0	37.9	53.1	-24.1	58.3	336	0.078	0.0	1.0	31.7	28.2	-40.2	49.2	305	0.583	0.0	1.0
337	306	0.0	1.0	38.3	53.7	-23.4	58.6	337	0.091	0.0	1.0	31.6	29.0	-39.8	49.4	306	0.6	0.0	1.0
338	307	0.0	1.0	38.7	54.4	-22.8	59.0	338	0.104	0.0	1.0	31.5	29.8	-39.5	49.6	307	0.617	0.0	1.0
339	308	0.0	1.0	39.1	55.1	-22.2	59.4	339	0.117	0.0	1.0	31.4	30.6	-39.1	49.7	308	0.633	0.0	1.0
340	309	0.0	1.0	39.5	55.8	-21.7	59.9	340	0.129	0.0	1.0	31.4	31.4	-38.7	49.9	309	0.65	0.0	1.0
341	310	0.0	1.0	39.9	56.5	-21.2	60.4	341	0.142	0.0	1.0	31.3	32.2	-38.2	50.1	310	0.667	0.0	1.0
342	311	0.0	1.0	40.3	57.2	-20.7	60.9	342	0.154	0.0	1.0	31.3	32.9	-37.8	50.2	311	0.683	0.0	1.0
343	312	0.0	1.0	40.7	57.9	-20.2	61.3	343	0.167	0.0	1.0	31.2	33.7	-37.3	50.4	312	0.7	0.0	1.0
344	313	0.0	1.0	41.1	58.6	-19.7	61.8	344	0.179	0.0	1.0	31.2	34.5	-36.9	50.6	313	0.717	0.0	1.0
345	314	0.0	1.0	41.4	59.3	-19.2	62.3	345	0.192	0.0	1.0	31.1	35.2	-36.4	50.7	314	0.733	0.0	1.0
346	315	0.0	1.0	41.8	60.0	-18.6	62.8	346	0.204	0.0	1.0	31.1	36.0	-35.9	50.9	315	0.75	0.0	1.0
347	316	0.0	1.0	42.1	60.6	-18.1	63.3	347	0.217	0.0	1.0	31.0	36.7	-35.4	51.0	316	0.767	0.0	1.0
348	317	0.0	1.0	42.5	61.2	-17.6	63.7	348	0.229	0.0	1.0	31.0	37.5	-34.8	51.2	317	0.783	0.0	1.0
349	318	0.0	1.0	42.8	61.8	-17.1	64.2	349	0.242	0.0	1.0	31.0	38.2	-34.3	51.4	318	0.8	0.0	1.0
350	319	0.0	1.0	43.1	62.4	-16.6	64.6	350	0.256	0.0	1.0	31.0	39.0	-33.8	51.7	319	0.817	0.0	1.0
351	320	0.0	1.0	43.4	63.0	-16.1	65.1	351	0.274	0.0	1.0	31.4	40.0	-33.4	52.2	320	0.833	0.0	1.0
352	321	0.0	1.0	43.7	63.6	-15.6	65.5	352	0.292	0.0	1.0	31.8	40.9	-33.1	52.7	321	0.85	0.0	1.0
353	322	0.0	1.0	44.0	64.2	-15.1	66.0	353	0.31	0.0	1.0	32.1	41.9	-32.6	53.2	322	0.867	0.0	1.0
354	323	0.0	1.0	44.4	64.9	-14.6	66.5	354	0.328	0.0	1.0	32.5	42.9	-32.2	53.7	323	0.883	0.0	1.0
355	324	0.0	1.0	44.9	65.6	-13.8	67.1	355	0.345	0.0	1.0	32.9	43.9	-31.8	54.2	324	0.9	0.0	1.0
356	325	0.0	1.0	45.3	66.4	-13.1	67.7	356	0.363	0.0	1.0	33.2	44.8	-31.3	54.7	325	0.917	0.0	1.0
357	326	0.0	1.0	45.8	67.1	-12.4	68.2	357	0.383	0.0	1.0	33.6	45.7	-30.8	55.2	326	0.933	0.0	1.0
358	327	0.0	1.0	46.2	67.8	-11.6	68.8	358	0.405	0.0	1.0	34.0	46.5	-30.1	55.5	327	0.95	0.0	1.0
359	328	0.0	1.0	46.7	68.5	-10.9	69.4	359	0.426	0.0	1.0	34.4	47.3	-29.5	55.8	328	0.967	0.0	1.0
360	329	0.0	1.0	47.2	69.2	-10.1	70.0	360	0.448	0.0	1.0	34.9	48.1	-28.8	56.1	329	0.983	0.0	1.0
361	330	0.0	1.0	47.6	69.9	-9.4	70.6	361	0.47	0.0	1.0	35.3	48.8	-28.1	56.4	330	0.983	0.0	1.0
362	331	0.0	1.0	48.1	70.6	-8.7	71.2	362	0.492	0.0	1.0	35.7	49.6	-27.4	56.7	331	1.0	0.0	0.983
363	332	0.0	1.0	48.6	71.3	-8.0	71.8	363	0.513	0.0	1.0	36.2	50.3	-26.7	57.0	332	1.0	0.0	0.967
364	333	0.0	1.0	49.1	72.0	-7.3	72.4	364	0.533	0.0	1.0	36.7	51.1	-26.0	57.4	333	1.0	0.0	0.95
365	334	0.0	1.0	49.6	72.7	-6.6	73.0	365	0.552	0.0	1.0	37.2	51.9	-25.2	57.8	334	1.0	0.0	0.933
366	335	0.0	1.0	50.1	73.4	-5.9	73.6	366	0.572	0.0	1.0	37.7	52.7	-24.5	58.2	335	1.0	0.0	0.917
367	336	0.0	1.0	50.6	74.1	-5.2	74.2	367	0.592	0.0	1.0	38.2	53.5	-23.7	58.5	336	1.0	0.0	0.9
368	337	0.0	1.0	51.1	74.8	-4.5	74.8	368	0.612	0.0	1.0	38.7	54.2	-22.9	58.9	337	1.0	0.0	0.883
369	338	0.0	1.0	51.6	75.5	-3.8	75.4	369	0.633	0.0	1.0	39.2	55.1	-22.2	59.4	338	1.0	0.0	0.867
370	339	0.0	1.0	52.1	76.2	-3.1	76.0	370	0.658	0.0	1.0	39.8	56.1	-21.5	60.1	339	1.0	0.0	0.85
371	340	0.0	1.0	52.6	76.9	-2.4	76.7	371	0.682	0.0	1.0	40.3	57.2	-20.7	60.9	340	1.0	0.0	0.833
372	341	0.0	1.0	53.1	77.6	-1.7	77.4	372	0.702	0.0	1.0	40.9	58.2	-20.0	61.6	341	1.0	0.0	0.817
373	342	0.0	1.0	53.6	78.3	-1.0	78.1	373	0.727	0.0	1.0	41.5	59.3	-19.2	62.3	342	1.0	0.0	0.8
374	343	0.0	1.0	54.1	79.0	-0.3	78.8	374	0.758	0.0	1.0	42.0	60.3	-18.3	63.1	343	1.0	0.0	0.783
375	344	0.0	1.0	54.6	79.7	0.4	79.5	375	0.787	0.0	1.0	42.6	61.4	-17.5	63.9	344	1.0	0.0	0.767
376	345	0.0	1.0	55.1	80.4	1.1	80.2	376	0.815	0.0	1.0	43.1	62.4	-16.6	64.6	345	1.0	0.0	0.75
377	346	0.0	1.0	55.6	81.1	1.8	80.9	377	0.843	0.0	1.0	43.7	63.4	-15.7	65.4	346	1.0	0.0	0.733
378	347	0.0	1.0	56.1	81.8	2.5	81.6	378	0.871	0.0	1.0	44.3	64.4	-14.8	66.2	347	1.0	0.0	0.717
379	348	0.0	1.0	56.6	82.5	3.2	82.3	379	0.9	0.0	1.0	44.9	65.4	-13.8	67.1	348	1.0	0.0	0.7
380	349	0.0	1.0	57.1	83.2	3.9	83.0	380	0.929	0.0	1.0	45.5	66.4	-12.8	68.0	349	1.0	0.0	0.683
381	350	0.0	1.0	57.6	83.9	4.6	83.7	381	0.958	0.0	1.0	46.1	67.4	-11.8	68.9	350	1.0	0.0	0.667
382	351	0.0	1.0	58.1	84.6	5.3	84.4	382	0.987	0.0	1.0	46.7	68.4	-10.8	69.8	351	1.0	0.0	0.65
383	352	0.0	1.0	58.6	85.3	6.0	85.1	383	1.016	0.0	1.0	47.3	69.4	-9.8	70.7	352	1.0	0.0	0.633
384	353	0.0	1.0	59.1	86.0	6.7	85.8	384	1.045	0.0	1.0	47.9	70.4	-8.8	71.6	353	1.0	0.0	0.617
385	354	0.0	1.0	59.6	86.7	7.4	86.5	385	1.074	0.0	1.0	48.5	71.4	-7.8	72.5	354	1.0	0.0	0.6
386	355	0.0	1.0	60.1	87.4	8.1	87.2	386	1.103	0.0	1.0	49.1	72.4	-6.8	73.4	355	1.0	0.0	0.583
387	356	0.0	1.0	60.6	88.1	8.8	87.9	387	1.132	0.0	1.0	49.7	73.4	-5.8	74.3	356	1.0	0.0	0.567
388	357	0.0	1.0	61.1	88.8	9.5	88.6	388	1.161	0.0	1.0	50.3	74.4	-4.8	75.2	357	1.0	0.0	0.55
389	358	0.0	1.0	61.6	89.5	10.2	89.3	389	1.19	0.0	1.0	50.9	75.4	-3.8	76.1	358	1.0	0.0	0.533
390	359	0.0	1.0	62.1	90.2	10.9	90.0	390	1.219	0.0	1.0	51.5	76.4	-2.8	77.0	359	1.0	0.0	0.517
391	360	0.0	1.0	62.6	90.9	11.6	90.7	391	1.248	0.0	1.0	52.1	77.4	-1.8	77.9	360	1.0	0.0	0.5
392	361	0.0	1.0	63.1	91.6	12.3	91.4	392	1.277	0.0	1.0	52.7	78.4	-0.8	78.8	361	1.0	0.0	0.517
393	362	0.0	1.0	63.6	92.3	13.0	92.1	393	1.306	0.0	1.0	53.3	79.4	0.2	79.7	362	1.0	0.0	0.5
394	363	0.0	1.0	64.1	93.0	13.7	92.8	394	1.335	0.0	1.0	53.9	80.4	1.2	80.6	363	1.0	0.0	0.517
395	364	0.0	1.0	64.6	93.7	14.4	93.5	395	1.364	0.0	1.0	54.5	81.4	2.2	81.5	364	1.0	0.0	0.517
396	365	0.0	1.0	65.1	94.4	15.1	94.2	396	1.393	0.0	1.0	55.							



TUB material: code=rha4ta
cm0 (CMY0)

input: *rgb/cmyk* $\rightarrow$ *rgb*_d
output: transfer to *cmy*_d

HIC ^{Fe}	H ₂ O ₂	Fe ²⁺	Fe ³⁺	Fe ⁴⁺	Fe ⁵⁺	Fe ⁶⁺	Fe ⁷⁺	Fe ⁸⁺	Fe ⁹⁺	Fe ¹⁰⁺	Fe ¹¹⁺	Fe ¹²⁺	Fe ¹³⁺	Fe ¹⁴⁺	Fe ¹⁵⁺	Fe ¹⁶⁺	Fe ¹⁷⁺	Fe ¹⁸⁺	Fe ¹⁹⁺	Fe ²⁰⁺	Fe ²¹⁺	Fe ²²⁺	Fe ²³⁺	Fe ²⁴⁺	Fe ²⁵⁺	Fe ²⁶⁺	Fe ²⁷⁺	Fe ²⁸⁺	Fe ²⁹⁺	Fe ³⁰⁺	Fe ³¹⁺	Fe ³²⁺	Fe ³³⁺	Fe ³⁴⁺	Fe ³⁵⁺	Fe ³⁶⁺	Fe ³⁷⁺	Fe ³⁸⁺	Fe ³⁹⁺	Fe ⁴⁰⁺	Fe ⁴¹⁺	Fe ⁴²⁺	Fe ⁴³⁺	Fe ⁴⁴⁺	Fe ⁴⁵⁺	Fe ⁴⁶⁺	Fe ⁴⁷⁺	Fe ⁴⁸⁺	Fe ⁴⁹⁺	Fe ⁵⁰⁺	Fe ⁵¹⁺	Fe ⁵²⁺	Fe ⁵³⁺	Fe ⁵⁴⁺	Fe ⁵⁵⁺	Fe ⁵⁶⁺	Fe ⁵⁷⁺	Fe ⁵⁸⁺	Fe ⁵⁹⁺	Fe ⁶⁰⁺	Fe ⁶¹⁺	Fe ⁶²⁺	Fe ⁶³⁺	Fe ⁶⁴⁺	Fe ⁶⁵⁺	Fe ⁶⁶⁺	Fe ⁶⁷⁺	Fe ⁶⁸⁺	Fe ⁶⁹⁺	Fe ⁷⁰⁺	Fe ⁷¹⁺	Fe ⁷²⁺	Fe ⁷³⁺	Fe ⁷⁴⁺	Fe ⁷⁵⁺	Fe ⁷⁶⁺	Fe ⁷⁷⁺	Fe ⁷⁸⁺	Fe ⁷⁹⁺	Fe ⁸⁰⁺	Fe ⁸¹⁺	Fe ⁸²⁺	Fe ⁸³⁺	Fe ⁸⁴⁺	Fe ⁸⁵⁺	Fe ⁸⁶⁺	Fe ⁸⁷⁺	Fe ⁸⁸⁺	Fe ⁸⁹⁺	Fe ⁹⁰⁺	Fe ⁹¹⁺	Fe ⁹²⁺	Fe ⁹³⁺	Fe ⁹⁴⁺	Fe ⁹⁵⁺	Fe ⁹⁶⁺	Fe ⁹⁷⁺	Fe ⁹⁸⁺	Fe ⁹⁹⁺	Fe ¹⁰⁰⁺	Fe ¹⁰¹⁺	Fe ¹⁰²⁺	Fe ¹⁰³⁺	Fe ¹⁰⁴⁺	Fe ¹⁰⁵⁺	Fe ¹⁰⁶⁺	Fe ¹⁰⁷⁺	Fe ¹⁰⁸⁺	Fe ¹⁰⁹⁺	Fe ¹¹⁰⁺	Fe ¹¹¹⁺	Fe ¹¹²⁺	Fe ¹¹³⁺	Fe ¹¹⁴⁺	Fe ¹¹⁵⁺	Fe ¹¹⁶⁺	Fe ¹¹⁷⁺	Fe ¹¹⁸⁺	Fe ¹¹⁹⁺	Fe ¹²⁰⁺	Fe ¹²¹⁺	Fe ¹²²⁺	Fe ¹²³⁺	Fe ¹²⁴⁺	Fe ¹²⁵⁺	Fe ¹²⁶⁺	Fe ¹²⁷⁺	Fe ¹²⁸⁺	Fe ¹²⁹⁺	Fe ¹³⁰⁺	Fe ¹³¹⁺	Fe ¹³²⁺	Fe ¹³³⁺	Fe ¹³⁴⁺	Fe ¹³⁵⁺	Fe ¹³⁶⁺	Fe ¹³⁷⁺	Fe ¹³⁸⁺	Fe ¹³⁹⁺	Fe ¹⁴⁰⁺	Fe ¹⁴¹⁺	Fe ¹⁴²⁺	Fe ¹⁴³⁺	Fe ¹⁴⁴⁺	Fe ¹⁴⁵⁺	Fe ¹⁴⁶⁺	Fe ¹⁴⁷⁺	Fe ¹⁴⁸⁺	Fe ¹⁴⁹⁺	Fe ¹⁵⁰⁺	Fe ¹⁵¹⁺	Fe ¹⁵²⁺	Fe ¹⁵³⁺	Fe ¹⁵⁴⁺	Fe ¹⁵⁵⁺	Fe ¹⁵⁶⁺	Fe ¹⁵⁷⁺	Fe ¹⁵⁸⁺	Fe ¹⁵⁹⁺	Fe ¹⁶⁰⁺	Fe ¹⁶¹⁺	Fe ¹⁶²⁺	Fe ¹⁶³⁺	Fe ¹⁶⁴⁺	Fe ¹⁶⁵⁺	Fe ¹⁶⁶⁺	Fe ¹⁶⁷⁺	Fe ¹⁶⁸⁺	Fe ¹⁶⁹⁺	Fe ¹⁷⁰⁺	Fe ¹⁷¹⁺	Fe ¹⁷²⁺	Fe ¹⁷³⁺	Fe ¹⁷⁴⁺	Fe ¹⁷⁵⁺	Fe ¹⁷⁶⁺	Fe ¹⁷⁷⁺	Fe ¹⁷⁸⁺	Fe ¹⁷⁹⁺	Fe ¹⁸⁰⁺	Fe ¹⁸¹⁺	Fe ¹⁸²⁺	Fe ¹⁸³⁺	Fe ¹⁸⁴⁺	Fe ¹⁸⁵⁺	Fe ¹⁸⁶⁺	Fe ¹⁸⁷⁺	Fe ¹⁸⁸⁺	Fe ¹⁸⁹⁺	Fe ¹⁹⁰⁺	Fe ¹⁹¹⁺	Fe ¹⁹²⁺	Fe ¹⁹³⁺	Fe ¹⁹⁴⁺	Fe ¹⁹⁵⁺	Fe ¹⁹⁶⁺	Fe ¹⁹⁷⁺	Fe ¹⁹⁸⁺	Fe ¹⁹⁹⁺	Fe ²⁰⁰⁺	Fe ²⁰¹⁺	Fe ²⁰²⁺	Fe ²⁰³⁺	Fe ²⁰⁴⁺	Fe ²⁰⁵⁺	Fe ²⁰⁶⁺	Fe ²⁰⁷⁺	Fe ²⁰⁸⁺	Fe ²⁰⁹⁺	Fe ²¹⁰⁺	Fe ²¹¹⁺	Fe ²¹²⁺	Fe ²¹³⁺	Fe ²¹⁴⁺	Fe ²¹⁵⁺	Fe ²¹⁶⁺	Fe ²¹⁷⁺	Fe ²¹⁸⁺	Fe ²¹⁹⁺	Fe ²²⁰⁺	Fe ²²¹⁺	Fe ²²²⁺	Fe ²²³⁺	Fe ²²⁴⁺	Fe ²²⁵⁺	Fe ²²⁶⁺	Fe ²²⁷⁺	Fe ²²⁸⁺	Fe ²²⁹⁺	Fe ²³⁰⁺	Fe ²³¹⁺	Fe ²³²⁺	Fe ²³³⁺	Fe ²³⁴⁺	Fe ²³⁵⁺	Fe ²³⁶⁺	Fe ²³⁷⁺	Fe ²³⁸⁺	Fe ²³⁹⁺	Fe ²⁴⁰⁺	Fe ²⁴¹⁺	Fe ²⁴²⁺	Fe ²⁴³⁺	Fe ²⁴⁴⁺	Fe ²⁴⁵⁺	Fe ²⁴⁶
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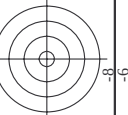
TUB material: code=rha4ta
my0 (CMY0)

input: *rgb/cmyk* $\rightarrow$ *rgb*
output: transfer to *cmy* θ_d

TUB-test chart RE75; 1080 standard colors and differences ΔE^* ,

[illegible]

n	H1C*Fd	rgb*Fd	icL*Fd	hsa*Fd	rgb*Fd	LabCH*Fd	LabCH*Fd	DF*Fd	hsa*Fd	rgb*Fd	LabCH*Nd	LabCH*Nd
405	R00Y.062.062a	0.625 0.125 0.0	0.625 0.625 0.312	390	0.625 0.0 0.0	38.6 36.9	38.6 36.9	25.1	44.7	34.1	39.1 42.1	39.1 42.1
406	R00Y.062.062a	0.625 0.0 0.125	0.625 0.625 0.312	379	0.625 0.0 0.114	38.3 36.9	38.3 36.9	20.6	42.1	29.2	38.6 43.9	38.6 43.9
407	R00Y.062.062a	0.625 0.0 0.375	0.625 0.625 0.312	367	0.625 0.0 0.239	37.8 37.4	37.8 37.4	13.4	39.8	19.7	36.5 45.6	36.5 45.6
408	B00R.062.062a	0.625 0.0 0.625	0.625 0.625 0.312	353	0.625 0.0 0.385	38.0 40.1	38.0 40.1	4.5	40.3	6.4	35.2 48.3	35.2 48.3
409	B00R.062.062a	0.625 0.0 0.875	0.625 0.625 0.312	341	0.625 0.0 0.51	38.3 42.8	38.3 42.8	-2.7	42.9	356.2	33.5 48.3	33.5 48.3
410	B00R.062.062a	0.625 0.0 1.0	0.625 0.625 0.312	330	0.625 0.0 0.625	39.0 44.2	39.0 44.2	-5.8	44.1	346.1	30.5 48.3	30.5 48.3
411	B42R.067.075a	0.625 0.0 0.875	0.625 0.625 0.312	321	0.631 0.0 0.75	38.9 47.7	38.9 47.7	-11.7	49.1	346.1	28.5 48.3	28.5 48.3
412	B36R.067.087a	0.625 0.0 0.875	0.625 0.625 0.312	314	0.637 0.0 0.875	39.3 51.9	39.3 51.9	-16.8	54.5	346.1	26.5 48.3	26.5 48.3
413	B31R.100.100a	0.625 0.0 0.875	0.625 0.625 0.312	308	0.633 0.0 1.0	39.1 55.1	39.1 55.1	-22.2	59.4	338.0	24.5 48.3	24.5 48.3
414	R18Y.062.062a	0.625 0.125 0.0	0.625 0.625 0.312	41	0.625 0.114 0.0	44.6 29.0	44.6 29.0	36.8	46.9	316.0	45.5 26.9	45.5 26.9
415	R00Y.062.062a	0.625 0.125 0.125	0.625 0.625 0.312	370	0.625 0.125 0.241	44.7 29.4	44.7 29.4	15.2	33.1	27.3	45.5 26.9	45.5 26.9
416	R26Y.062.050a	0.625 0.125 0.375	0.625 0.625 0.312	396	0.625 0.125 0.444	44.4 29.4	44.4 29.4	15.2	33.1	27.3	45.5 26.9	45.5 26.9
417	R00Y.062.062a	0.625 0.125 0.625	0.625 0.625 0.312	370	0.625 0.125 0.508	44.4 33.6	44.4 33.6	-0.9	33.6	338.0	45.5 26.9	45.5 26.9
418	B61R.062.050a	0.625 0.125 0.375	0.625 0.625 0.312	344	0.625 0.125 0.508	44.4 33.6	44.4 33.6	-0.9	33.6	338.0	45.5 26.9	45.5 26.9
419	B00R.062.062a	0.625 0.125 0.625	0.625 0.625 0.312	330	0.625 0.125 0.625	45.0 34.9	45.0 34.9	-4.7	35.3	345.3	45.5 26.9	45.5 26.9
420	B40R.075.062a	0.625 0.125 0.75	0.625 0.625 0.312	319	0.635 0.125 0.75	45.1 39.0	45.1 39.0	-10.4	40.4	345.3	45.5 26.9	45.5 26.9
421	B34R.087.075a	0.625 0.125 0.875	0.625 0.625 0.312	311	0.637 0.125 0.875	45.3 42.5	45.3 42.5	-15.5	45.6	345.3	45.5 26.9	45.5 26.9
422	B29R.100.067a	0.625 0.125 1.0	0.625 0.625 0.312	305	0.637 0.125 1.0	45.2 46.5	45.2 46.5	-21.1	51.0	335.5	45.5 26.9	45.5 26.9
423	R23Y.062.062a	0.625 0.25 0.0	0.625 0.625 0.312	43	0.625 0.239 0.0	51.2 16.2	51.2 16.2	43.3	46.3	56.9	52.0 16.4	52.0 16.4
424	R33Y.062.062a	0.625 0.25 0.125	0.625 0.625 0.312	54	0.625 0.241 0.125	51.1 20.1	51.1 20.1	30.9	36.9	56.9	52.0 16.4	52.0 16.4
425	R00Y.062.062a	0.625 0.25 0.375	0.625 0.625 0.312	390	0.625 0.25 0.388	50.5 22.1	50.5 22.1	15.0	26.8	34.1	52.0 16.4	52.0 16.4
426	R18Y.062.037a	0.625 0.25 0.375	0.625 0.625 0.312	371	0.625 0.25 0.506	50.6 24.6	50.6 24.6	1.1	24.6	27.1	52.0 16.4	52.0 16.4
427	B60R.062.037a	0.625 0.25 0.625	0.625 0.625 0.312	349	0.625 0.25 0.506	51.1 24.6	51.1 24.6	-3.5	26.4	352.3	52.0 16.4	52.0 16.4
428	B30R.075.050a	0.625 0.25 0.375	0.625 0.625 0.312	316	0.633 0.25 0.75	51.3 30.3	51.3 30.3	-10.6	30.3	316.0	52.0 16.4	52.0 16.4
429	B30R.075.050a	0.625 0.25 0.625	0.625 0.625 0.312	306	0.633 0.25 0.875	51.3 30.3	51.3 30.3	-10.6	30.3	316.0	52.0 16.4	52.0 16.4
430	B25R.100.075a	0.625 0.25 1.0	0.625 0.625 0.312	262	0.625 0.25 1.0	51.0 37.3	51.0 37.3	-20.2	38.8	317.2	52.0 16.4	52.0 16.4
431	B25R.100.075a	0.625 0.25 1.0	0.625 0.625 0.312	262	0.625 0.25 1.0	51.0 37.3	51.0 37.3	-20.2	38.8	317.2	52.0 16.4	52.0 16.4
432	B00Y.062.062a	0.625 0.375 0.0	0.625 0.625 0.312	67	0.625 0.385 0.0	56.6 6.4	56.6 6.4	48.4	8.8	82.4	62.5 0.25	62.5 0.25
433	B50Y.062.050a	0.625 0.375 0.125	0.625 0.625 0.312	67	0.625 0.375 0.125	57.3 8.3	57.3 8.3	36.8	37.7	72.4	62.5 0.25	62.5 0.25
434	R31Y.062.037a	0.625 0.375 0.375	0.625 0.625 0.312	57	0.625 0.368 0.25	57.3 14.7	57.3 14.7	10.8	27.6	64.1	62.5 0.25	62.5 0.25
435	R00Y.062.062a	0.625 0.375 0.625	0.625 0.625 0.312	390	0.625 0.375 0.375	57.1 14.0	57.1 14.0	17.8	34.1	34.1	62.5 0.25	62.5 0.25
436	B00Y.062.062a	0.625 0.375 0.875	0.625 0.625 0.312	360	0.625 0.375 0.5	56.8 15.3	56.8 15.3	3.5	15.7	352.3	62.5 0.25	62.5 0.25
437	B34R.075.037a	0.625 0.375 0.625	0.625 0.625 0.312	311	0.631 0.375 0.75	57.4 21.4	57.4 21.4	-7.7	22.8	338.0	62.5 0.25	62.5 0.25
438	B25R.062.050a	0.625 0.375 0.875	0.625 0.625 0.312	293	0.614 0.375 1.0	57.1 28.6	57.1 28.6	-19.2	34.4	338.0	62.5 0.25	62.5 0.25
439	B19R.100.062a	0.625 0.375 1.0	0.625 0.625 0.312	293	0.614 0.375 1.0	57.1 28.6	57.1 28.6	-19.2	34.4	338.0	62.5 0.25	62.5 0.25
440	R81Y.062.062a	0.625 0.5 0.0	0.625 0.625 0.312	76	0.625 0.508 0.125	62.8 1.8	62.8 1.8	39.5	29.5	91.6	62.5 0.5	62.5 0.5
441	R6Y.062.037a	0.625 0.5 0.125	0.625 0.625 0.312	76	0.625 0.508 0.125	62.8 1.8	62.8 1.8	39.5	29.5	91.6	62.5 0.5	62.5 0.5
442	R6Y.062.037a	0.625 0.5 0.375	0.625 0.625 0.312	76	0.625 0.508 0.125	62.8 1.8	62.8 1.8	39.5	29.5	91.6	62.5 0.5	62.5 0.5
443	R00Y.062.062a	0.625 0.5 0.625	0.625 0.625 0.312	390	0.625 0.5 0.375	63.3 4.1	63.3 4.1	18.4	18.8	77.2	62.5 0.5	62.5 0.5
444	R00Y.062.062a	0.625 0.5 0.875	0.625 0.625 0.312	360	0.625 0.5 0.5	63.2 7.3	63.2 7.3	5.0	8.9	34.1	62.5 0.5	62.5 0.5
445	R00Y.062.062a	0.625 0.5 1.0	0.625 0.625 0.312	330	0.625 0.5 0.75	63.2 12.7	63.2 12.7	-6.8	14.1	338.0	62.5 0.5	62.5 0.5
446	B25R.062.012a	0.625 0.5 0.125	0.625 0.625 0.312	330	0.625 0.5 0.125	63.6 15.8	63.6 15.8	-17.3	25.6	317.3	62.5 0.5	62.5 0.5
447	B25R.062.012a	0.625 0.5 0.375	0.625 0.625 0.312	300	0.625 0.5 0.125	63.6 15.8	63.6 15.8	-17.3	25.6	317.3	62.5 0.5	62.5 0.5
448	B11R.100.050a	0.625 0.5 0.625	0.625 0.625 0.312	284	0.616 0.5 1.0	63.6 15.8	63.6 15.8	-17.3	25.6	317.3	62.5 0.5	62.5 0.5
449	B11R.100.050a	0.625 0.5 0.875	0.625 0.625 0.312	284	0.616 0.5 1.0	63.6 15.8	63.6 15.8	-17.3	25.6	317.3	62.5 0.5	62.5 0.5
450	Y00G.062.062a	0.625 0.625 0.0	0.625 0.625 0.312	90	0.625 0.625 0.125	66.1 8.8	66.1 8.8	35.2	33.3	60.5	62.5 0.625	62.5 0.625
451	Y00G.062.062a	0.625 0.625 0.125	0.625 0.625 0.312	90	0.625 0.625 0.125	66.1 8.8	66.1 8.8	35.2	33.3	60.5	62.5 0.625	62.5 0.625
452	Y00G.062.037a	0.625 0.625 0.375	0.625 0.625 0.312	90	0.625 0.625 0.375	68.1 3.5	68.1 3.5	21.0	21.3	99.5	62.5 0.625	62.5 0.625
453	Y00G.062.037a	0.625 0.625 0.625	0.625 0.625 0.312	90	0.625 0.625 0.625	68.1 3.5	68.1 3.5	21.0	21.3	99.5	62.5 0.625	62.5 0.625
454	Y00G.062.012a	0.625 0.625 0.875	0.625 0.625 0.312	90	0.625 0.625 0.875	68.1 3.5	68.1 3.5	21.0	21.3	99.5	62.5 0.625	62.5 0.625
455	Y00G.062.012a	0.625 0.625 1.0	0.625 0.625 0.312	90	0.625 0.625 1.0	68.1 3.5	68.1 3.5	21.0	21.3	99.5	62.5 0.625	62.5 0.625
456	B00R.075.012a	0.625 0.625 0.125	0.625 0.625 0.312	360	0.625 0.625 0.625	69.4 0.0	69.4 0.0	0.0	0.0	0.0	62.5 0.625	62.5 0.625
457	B00R.075.012a	0.625 0.625 0.375	0.625 0.625 0.312	360	0.625 0.625 0.625	69.4 0.0	69.4 0.0	0.0	0.0	0.0	62.5 0.625	62.5 0.625
458	B00R.075.012a	0.625 0.625 0.625	0.625 0.625 0.312	360	0.625 0.625 0.625	69.4 0.0	69.4 0.0	0.0	0.0	0.0	62.5 0.625	62.5 0.625
459	Y15C.075.062a	0.625 0.625 1.0	0.625 0.625 0.312	270	0.625 0.625 0.875	70.3 2.9	70.3 2.9	-5.2	6.0	299.0	62.5 0.625	62.5 0.625
460	Y15C.075.062a	0.625 0.625 1.0	0.625 0.625 0.312	270	0.625 0.625 0.875	70.3 2.9	70.3 2.9	-5.2	6.0	299.0	62.5 0.625	62.5 0.625
461	Y15C.075.062a	0.625 0.625 1.0	0.625 0.625 0.312	270	0.625 0.625 0.875	70.3 2.9	70.3 2.9	-5.2	6.0	299.0	62.5 0.625	62.5 0.625
462	Y15C.075.062a	0.625 0.625 1.0	0.625 0.625 0.312	270	0.625 0.625 0.875	70.3 2.9	70.3 2.9	-5.2	6.0	299.0	62.5 0.625	62.5 0.625
463	Y15C.075.062a	0.625 0.625 1.0	0.625 0.625 0.312	270	0.625 0.625 0.875	70.3 2.9	70.3 2.9	-5.2	6.0	299.0	62.5 0.625	62.5 0.625
464	G00B.075.012a	0.625 0.625 0.125	0.625 0.625 0.312	150	0.625 0.625 0.625	72.2 8.1	72.2 8.1	4.1	9.1	119.9	62.5 0.625	62.5 0.625
465	G00B.075.012a	0.625 0.625 0.375	0.625 0.625 0.312	150	0.625 0.625 0.625	72.2 8.1	72.2 8.1	4.1	9.1	119.9	62.5 0.625	62.5 0.625
466	G00B.075.012a	0.625 0.625 0.625	0.625 0.625 0.312	150	0.625 0.625 0.625	72.2 8.1	72.2 8.1	4.1	9.1	119.9	62.5 0.625	62.5 0.625
467	G00B.075.012a	0.625 0.625 0.875	0.625 0.625 0.312	150	0.625 0.625 0.625	72.2 8.1	72.2 8.1	4.1	9.1	119.9	62.5 0.625	62.5 0.625
468	G00B.075.012a	0.625 0.625 1.0	0.625 0.625 0.312	150	0.625 0.625 0.625	72.2 8.1	72.2 8.1	4.1	9.1	119.9	62.5 0.625	62.5 0.625
469	Y38C.087.062a	0.625 0.875 0.0	0.875 0.625 0.312	106	0.641 0.875 0.0	80.3 3.3	80.3 3.3	-20.3	76.8	79.4	62.5 0.875	62.5 0.875
470	Y38C.087.062a	0.625 0.875 0.125	0.875 0.625 0.312	106	0.641 0.875 0.125	80.3 3.3	80.3 3.3					



TUB material: code=rha4ta
my0 (CMY0)

input: *rgb/cmyk* $\rightarrow$ *rgb*_d
output: transfer to *cmy*_d

TUB-test chart RE75; 1080 standard colors and differences ΔE^* ,

[illegible]

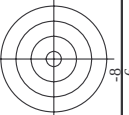


TUB material: code=rha4ta
my0 (CMY0)

input: $rgb/cmyk \rightarrow rgb_d$
output: transfer to $cmy0_d$

n	HIC* Fe	$\text{I}_{\text{H}}\text{Fe}$	rgb^*Fe	rgb^*Fe	LabCh^*Fe	LabCh^*Fe	LabCh^*Fe	rgb^*Fe	LabCh^*Fe	DE^*Fe	$\text{I}_{\text{H}}\text{Fe}$	rgb^*Fe	LabCh^*Fe	LabCh^*Fe	DE^*Fe	$\text{I}_{\text{H}}\text{Fe}$	rgb^*Fe	LabCh^*Fe	LabCh^*Fe
610	NW_100d	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
611	NW_100d	0.875	0.875	1.0	0.875	0.875	1.0	0.875	0.875	1.0	0.875	0.875	1.0	0.875	1.0	0.875	0.875	1.0	0.875
612	BOOR_100.012d	0.75	0.75	1.0	0.125	0.937	0.70	0.70	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
613	BOOR_100.025d	0.625	0.625	1.0	0.0	0.875	0.70	0.70	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
614	BOOR_100.037d	0.5	0.5	1.0	0.375	0.812	0.70	0.625	0.625	1.0	0.72	0.875	0.70	0.625	0.625	1.0	0.72	0.875	0.70
615	BOOR_100.050d	0.5	0.5	1.0	0.0	0.75	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
616	BOOR_100.062d	0.375	0.375	1.0	0.0	0.625	0.687	0.70	0.375	0.375	1.0	0.56	0.42	0.375	0.375	1.0	0.56	0.42	0.375
617	BOOR_100.075d	0.25	0.25	1.0	0.10	0.75	0.625	0.70	0.48	0.25	1.0	0.41	0.17	0.25	0.25	1.0	0.41	0.17	0.25
618	BOOR_100.087d	0.125	0.125	1.0	0.0	0.875	0.562	0.70	0.125	0.125	1.0	0.20	0.04	0.125	0.125	1.0	0.20	0.04	0.125
619	BOOR_100.100d	0.0	0.0	1.0	0.0	0.0	0.5	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
620	NW_087d	1.0	0.875	1.0	0.125	0.937	0.70	0.70	0.875	0.875	0.956	0.875	0.875	0.875	0.875	0.956	0.875	0.875	0.875
621	BOOR_087.012d	0.75	0.75	0.875	0.875	0.125	0.812	0.70	0.75	0.75	0.875	0.793	0.793	0.75	0.75	0.875	0.793	0.793	0.75
622	BOOR_087.025d	0.625	0.625	0.875	0.875	0.0	0.75	0.70	0.625	0.625	0.875	0.713	0.58	0.625	0.625	0.875	0.713	0.58	0.625
623	BOOR_087.037d	0.5	0.5	0.875	0.875	0.375	0.687	0.70	0.0	0.0	0.0	0.56	0.632	0.875	0.632	0.875	0.56	0.632	0.875
624	BOOR_087.050d	0.375	0.375	0.875	0.875	0.0	0.625	0.70	0.375	0.375	0.875	0.552	0.47	0.375	0.375	0.875	0.552	0.47	0.375
625	BOOR_087.062d	0.25	0.25	0.875	0.875	0.625	0.562	0.70	0.25	0.25	0.875	0.472	0.16	0.25	0.25	0.875	0.472	0.16	0.25
626	BOOR_087.075d	0.125	0.125	0.875	0.875	0.75	0.5	0.70	0.125	0.125	0.875	0.392	0.17	0.125	0.125	0.875	0.392	0.17	0.125
627	BOOR_087.087d	0.0	0.0	0.875	0.875	0.875	0.437	0.70	0.0	0.0	0.875	0.311	0.20	0.0	0.0	0.875	0.311	0.20	0.0
628	Y00C_100.012d	1.0	0.75	1.0	0.0	0.25	0.875	0.90	1.0	1.0	0.75	0.950	0.875	0.875	0.950	1.0	0.75	0.950	0.875
629	Y00C_100.025d	0.875	0.875	0.75	0.875	0.125	0.812	0.90	0.875										

n	H1C*Fd	rgb_Fd	ic_Fd	hs_Fd	rgb_Fd	LabCh*Fd	rgb*Fd	LabCh*Fd	hs_Fd	rgb_Fd	LabCh*Fd	DE*Fd	hs_Fd	rgb*Fd	LabCh*Nd	DE*Nd	hs_Nd	rgb*Nd	LabCh*Nd
891	NW_100d	1.0	1.0	1.0	1.0	96.3	1.0	96.3	0.0	0.0	0.0	118.7	1.5	1.0	96.3	0.0	0.0	1.0	96.3
892	B50R_100.012d	1.0	0.875	1.0	0.875	90.2	1.0	88.8	-1.1	8.8	352.3	339.7	2.2	330	1.0	1.0	1.0	1.0	47.6
893	B50R_100.025d	1.0	0.75	1.0	0.75	84.1	1.0	83.5	-1.1	8.8	352.3	342.4	3.4	330	1.0	1.0	1.0	1.0	47.6
894	B50R_100.037d	1.0	0.625	1.0	0.625	78.0	1.0	77.6	-2.3	17.6	352.3	344.6	3.9	330	1.0	1.0	1.0	1.0	47.6
895	B50R_100.050d	1.0	0.5	1.0	0.5	72.0	1.0	71.6	-3.5	26.4	352.3	346.4	3.9	330	1.0	1.0	1.0	1.0	47.6
896	B50R_100.062d	1.0	0.375	1.0	0.375	65.9	1.0	65.4	-5.8	44.1	352.3	348.1	3.9	330	1.0	1.0	1.0	1.0	47.6
897	B50R_100.075d	1.0	0.25	1.0	0.25	59.8	1.0	59.3	-5.2	47.0	352.3	349.3	3.9	330	1.0	1.0	1.0	1.0	47.6
898	B50R_100.087d	1.0	0.125	1.0	0.125	53.7	1.0	53.2	-6.2	61.7	352.3	352.2	7.1	330	1.0	1.0	1.0	1.0	47.6
899	B50R_100.100d	1.0	0.0	1.0	0.0	47.6	1.0	47.1	-9.4	70.6	352.3	352.9	1.0	330	1.0	1.0	1.0	1.0	47.6
900	GOB_100.012d	0.875	1.0	0.875	1.0	91.1	0.875	90.5	-8.1	9.1	152.8	136.6	4.0	149	0.0	1.0	1.0	1.0	55.1
901	NW_087d	0.875	0.875	0.875	0.875	87.3	0.875	86.8	0.0	0.0	152.8	142.2	1.4	360	1.0	1.0	1.0	1.0	55.1
902	B50R_087.012d	0.875	0.75	0.875	0.875	81.2	0.875	80.6	-1.1	8.8	352.3	146.6	3.3	330	1.0	1.0	1.0	1.0	47.6
903	B50R_087.025d	0.875	0.625	0.875	0.875	75.2	0.875	74.6	-1.6	8.8	352.3	148.1	4.5	330	1.0	1.0	1.0	1.0	47.6
904	B50R_087.037d	0.875	0.5	0.875	0.875	69.1	0.875	68.5	-2.3	17.6	352.3	149.4	4.7	330	1.0	1.0	1.0	1.0	47.6
905	B50R_087.050d	0.875	0.375	0.875	0.875	63.0	0.875	62.4	-3.5	26.4	352.3	150.3	6.4	330	1.0	1.0	1.0	1.0	47.6
906	B50R_087.062d	0.875	0.25	0.875	0.875	56.9	0.875	56.3	-4.9	35.3	352.3	151.4	6.7	330	1.0	1.0	1.0	1.0	47.6
907	B50R_087.075d	0.875	0.125	0.875	0.875	50.8	0.875	50.2	-5.8	44.1	352.3	152.4	10.2	330	1.0	1.0	1.0	1.0	47.6
908	B50R_087.087d	0.875	0.0	0.875	0.875	44.7	0.875	44.1	-6.2	61.7	352.3	153.2	10.6	330	1.0	1.0	1.0	1.0	47.6
909	GOB_100.025d	0.75	1.0	0.75	1.0	88.0	0.75	87.4	-16.3	8.3	152.8	129.2	6.5	149	0.0	1.0	1.0	1.0	55.1
910	GOB_100.037d	0.75	0.875	0.75	0.875	82.0	0.75	81.4	-4.1	9.1	152.8	132.2	6.5	149	0.0	1.0	1.0	1.0	55.1
911	NW_075d	0.75	0.75	0.75	0.75	78.4	0.75	77.8	0.0	0.0	152.8	135.4	4.7	360	1.0	1.0	1.0	1.0	47.6
912	B50R_075.012d	0.75	0.625	0.75	0.625	72.3	0.75	71.7	-1.1	8.8	352.3	136.7	3.9	330	1.0	1.0	1.0	1.0	47.6
913	B50R_075.025d	0.75	0.5	0.75	0.5	66.2	0.75	65.6	-2.3	17.6	352.3	137.9	4.7	330	1.0	1.0	1.0	1.0	47.6
914	B50R_075.037d	0.75	0.375	0.75	0.375	60.1	0.75	59.5	-3.5	26.4	352.3	138.8	6.7	330	1.0	1.0	1.0	1.0	47.6
915	B50R_075.050d	0.75	0.25	0.75	0.25	54.0	0.75	53.4	-4.9	35.3	352.3	139.4	7.1	330	1.0	1.0	1.0	1.0	47.6
916	B50R_075.062d	0.75	0.125	0.75	0.125	47.9	0.75	47.3	-5.8	44.1	352.3	140.1	7.8	330	1.0	1.0	1.0	1.0	47.6
917	B50R_075.075d	0.75	0.0	0.75	0.0	41.8	0.75	41.2	-6.2	61.7	352.3	140.9	8.2	330	1.0	1.0	1.0	1.0	47.6
918	GOB_100.037d	0.625	1.0	0.625	1.0	88.0	0.625	87.4	-14.3	12.5	152.8	139.0	7.2	149	0.0	1.0	1.0	1.0	55.1
919	GOB_100.050d	0.625	0.875	0.625	0.875	82.0	0.625	81.4	-16.3	8.3	152.8	142.0	6.8	149	0.0	1.0	1.0	1.0	55.1
920	GOB_100.062d	0.625	0.75	0.625	0.75	76.2	0.625	75.6	-8.1	9.1	152.8	145.2	7.3	149	0.0	1.0	1.0	1.0	55.1
921	NW_062d	0.625	0.625	0.625	0.625	70.4	0.625	69.8	0.0	0.0	152.8	147.1	8.8	360	1.0	1.0	1.0	1.0	55.1
922	B50R_062.012d	0.625	0.5	0.625	0.625	64.3	0.625	63.7	-1.1	8.8	352.3	148.2	9.4	360	1.0	1.0	1.0	1.0	55.1
923	B50R_062.025d	0.625	0.375	0.625	0.625	58.2	0.625	57.6	-2.3	17.6	352.3	149.0	10.3	360	1.0	1.0	1.0	1.0	55.1
924	B50R_062.037d	0.625	0.25	0.625	0.625	52.1	0.625	51.5	-3.5	26.4	352.3	149.7	10.9	360	1.0	1.0	1.0	1.0	55.1
925	B50R_062.050d	0.625	0.125	0.625	0.625	46.0	0.625	45.4	-4.9	35.3	352.3	150.3	11.9	360	1.0	1.0	1.0	1.0	55.1
926	B50R_062.062d	0.625	0.0	0.625	0.625	40.0	0.625	39.4	-5.8	44.1	352.3	150.9	12.5	360	1.0	1.0	1.0	1.0	55.1
927	GOB_100.050d	0.5	1.0	0.5	1.0	88.0	0.5	87.4	-12.5	27.5	152.8	151.4	13.9	360	1.0	1.0	1.0	1.0	55.1
928	GOB_087.037d	0.5	0.875	0.5	0.875	81.9	0.5	81.3	-16.3	8.3	152.8	152.4	14.6	360	1.0	1.0	1.0	1.0	55.1
929	GOB_087.050d	0.5	0.75	0.5	0.75	75.8	0.5	75.2	-8.1	9.1	152.8	153.2	15.2	360	1.0	1.0	1.0	1.0	55.1
930	GOB_087.062d	0.5	0.625	0.5	0.625	69.7	0.5	69.1	-4.1	9.1	152.8	154.0	16.1	360	1.0	1.0	1.0	1.0	55.1
931	NW_050d	0.5	0.5	0.5	0.5	64.0	0.5	63.4	0.0	0.0	152.8	154.7	16.7	360	1.0	1.0	1.0	1.0	55.1
932	B50R_050.012d	0.5	0.375	0.5	0.375	58.1	0.5	57.5	-1.1	8.8	352.3	155.3	17.3	360	1.0	1.0	1.0	1.0	55.1
933	B50R_050.025d	0.5	0.25	0.5	0.25	52.0	0.5	51.4	-2.3	17.6	352.3	155.9	17.9	360	1.0	1.0	1.0	1.0	55.1
934	B50R_050.037d	0.5	0.125	0.5	0.125	46.0	0.5	45.4	-3.5	26.4	352.3	156.7	18.5	360	1.0	1.0	1.0	1.0	55.1
935	B50R_050.050d	0.5	0.0	0.5	0.0	40.0	0.5	39.4	-4.9	35.3	352.3	157.1	19.1	360	1.0	1.0	1.0	1.0	55.1
936	GOB_100.062d	0.375	1.0	0.375	1.0	88.0	0.375	87.4	-12.5	27.5	152.8	157.9	20.1	360	1.0	1.0	1.0	1.0	55.1
937	GOB_087.050d	0.375	0.875	0.375	0.875	81.9	0.375	81.3	-16.3	8.3	152.8	158.7	20.7	360	1.0	1.0	1.0	1.0	55.1
938	GOB_087.062d	0.375	0.75	0.375	0.75	75.8	0.375	75.2	-8.1	9.1	152.8	159.5	21.3	360	1.0	1.0	1.0	1.0	55.1
939	GOB_087.075d	0.375	0.625	0.375	0.625	69.7	0.375	69.1	-4.1	9.1	152.8	160.3	21.9	360	1.0	1.0	1.0	1.0	55.1
940	NW_037d	0.375	0.5	0.375	0.5	64.0	0.375	63.4	0.0	0.0	152.8	161.1	22.5	360	1.0	1.0	1.0	1.0	55.1
941	B50R_037.012d	0.375	0.375	0.375	0.375	58.1	0.375	57.5	-1.1	8.8	352.3	161.9	23.1	360	1.0	1.0	1.0	1.0	55.1
942	B50R_037.025d	0.375	0.25	0.375	0.25	52.0	0.375	51.4	-2.3	17.6	352.3	162.7	23.7	360	1.0	1.0	1.0	1.0	55.1
943	B50R_037.037d	0.375	0.125	0.375	0.125	46.0	0.375	45.4	-3.5	26.4	352.3	163.5	24.3	360	1.0	1.0	1.0	1.0	55.1
944	B50R_037.050d	0.375	0.0	0.375	0.0	40.0	0.375	39.4	-4.9	35.3	352.3								



TUB material: code=rha4ta
cm0 (CMY0)

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

1-0033131-F0

RE750-7N, Page 32/33-F

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

input: *rgb/cmyk* -> *rgb*
output: transfer to *cmy0d*

n	HfC*Fd	rgb_Fd	ic*_Fd	h*_Fd	rgb*_Fd	LabCh*_Fd	LabCh*_Fd	rgb*_Fd	DE*Fd	h*_d	rgb*_Md	LabCh*_Md	DE*Fd	h*_d	rgb*_Md	LabCh*_Md	DE*Fd	h*_d	rgb*_Md	LabCh*_Md
1053	NW_086q	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1054	NW_093d	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1055	NW_100d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1056	NW_000q	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1057	NW_006q	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066
1058	NW_013q	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133
1059	NW_020q	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1060	NW_026q	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266
1061	NW_033q	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333
1062	NW_040q	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1063	NW_046q	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466
1064	NW_053q	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533
1065	NW_060q	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1066	NW_066q	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666
1067	NW_073q	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734
1068	NW_080q	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
1069	NW_086q	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1070	NW_093q	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1071	NW_100q	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1072	NW_100q	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073	ROY_100_100q	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1074	ROY_100_100q	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1075	GY00_100_100q	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1076	GY00_100_100q	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1077	BO00_100_100q	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1078	BO00_100_100q	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1079	BS00_100_100q	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Mean color difference of this page:

delta E** = 3.8

input: *rgb/cmyk* - > *rgbd*
output: transfer to *cmy0d*

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

RE750-7N, Page 33/33-F

I-0033231-F0

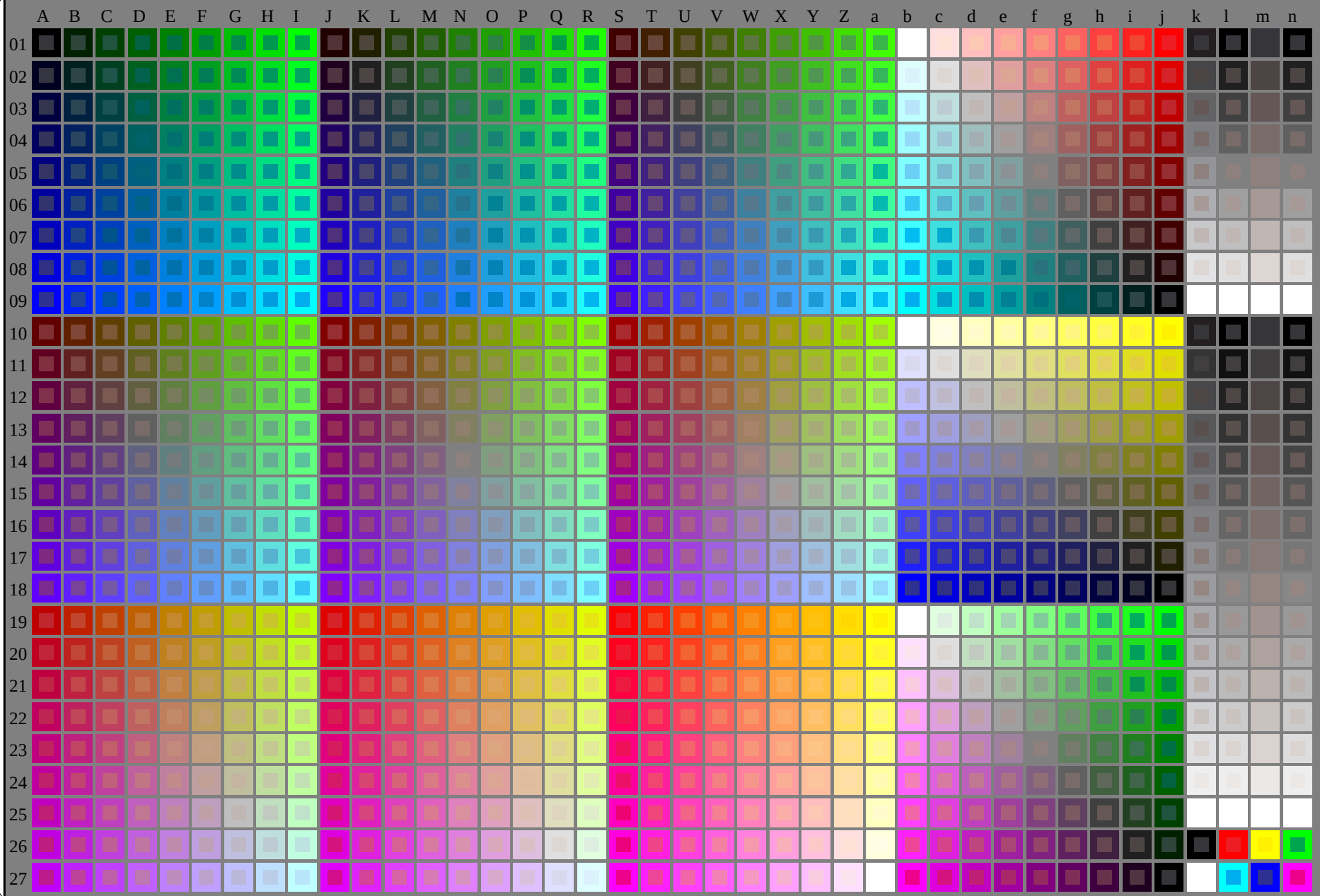
I-0033231-F0

http://130.149.60.45/~farbmetrik/RE75/RE75L0NP.PDF /.PS; start output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/33

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

TUB registration: 20150701-RE75/RE75L0NP.PDF /.PS
application for measurement of laser printer output

TUB material: code=rha4ta



RE750-7N_RGB 1-013031-L0

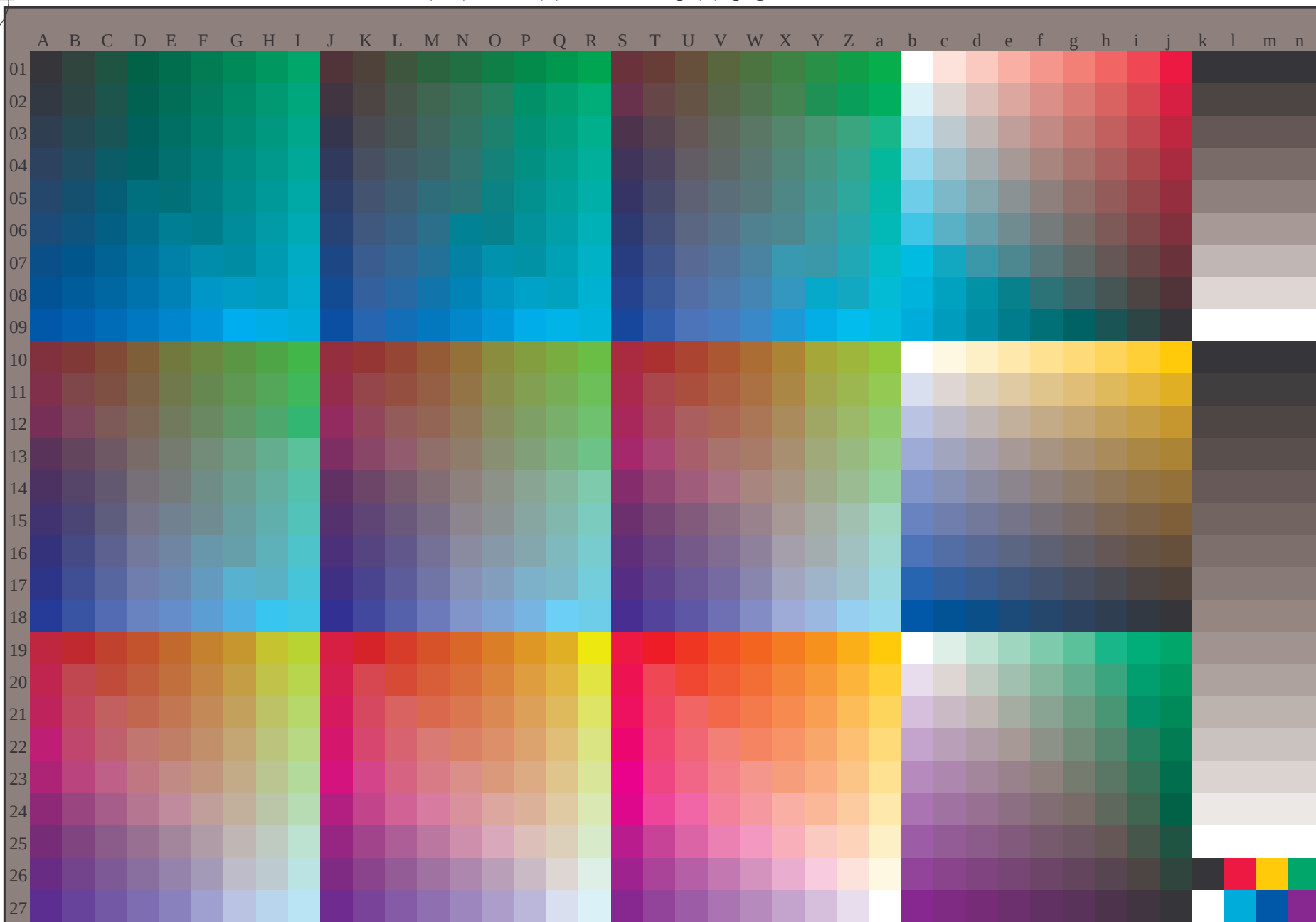
TUB-test chart RE75; 1080 standard colours, $cf=0,9$
Test chart according to DIN 33872

Test chart G with 40x27=1080 colours; equidistant 9 or 16 step colour scales; Colour data in column (A-n): **rgb** (A_j + k26_n27), 000n (k), w (l), nnn0 (m), www (n), 3D = 0

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

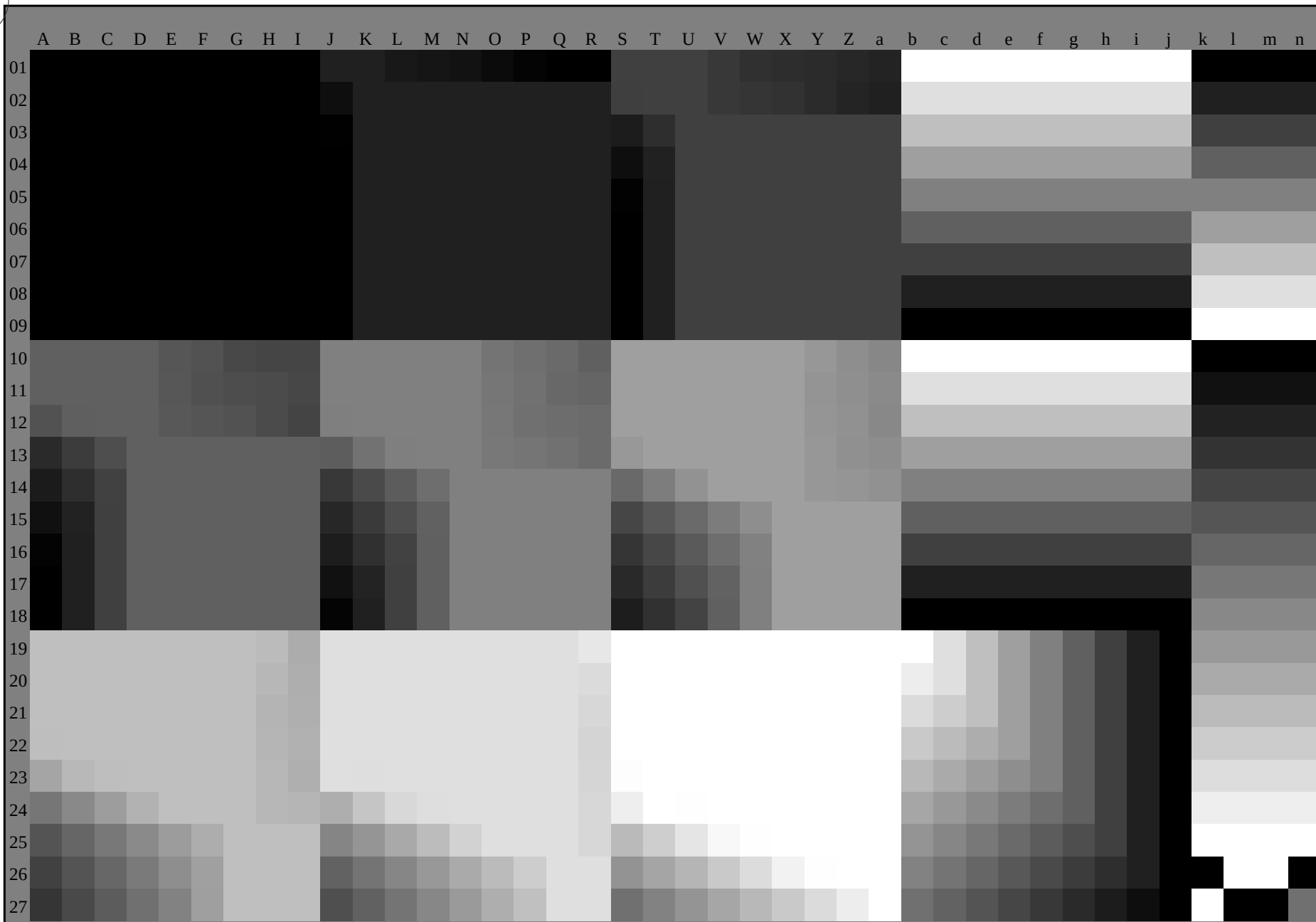
see similar files: <http://130.149.60.45/~farbmetrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE75/RE75L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmy0 (CMY0)



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

TUB registration: 20150701-RE75/RE75L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmy0 (CMY0)



RE750-71 1-013231-L0

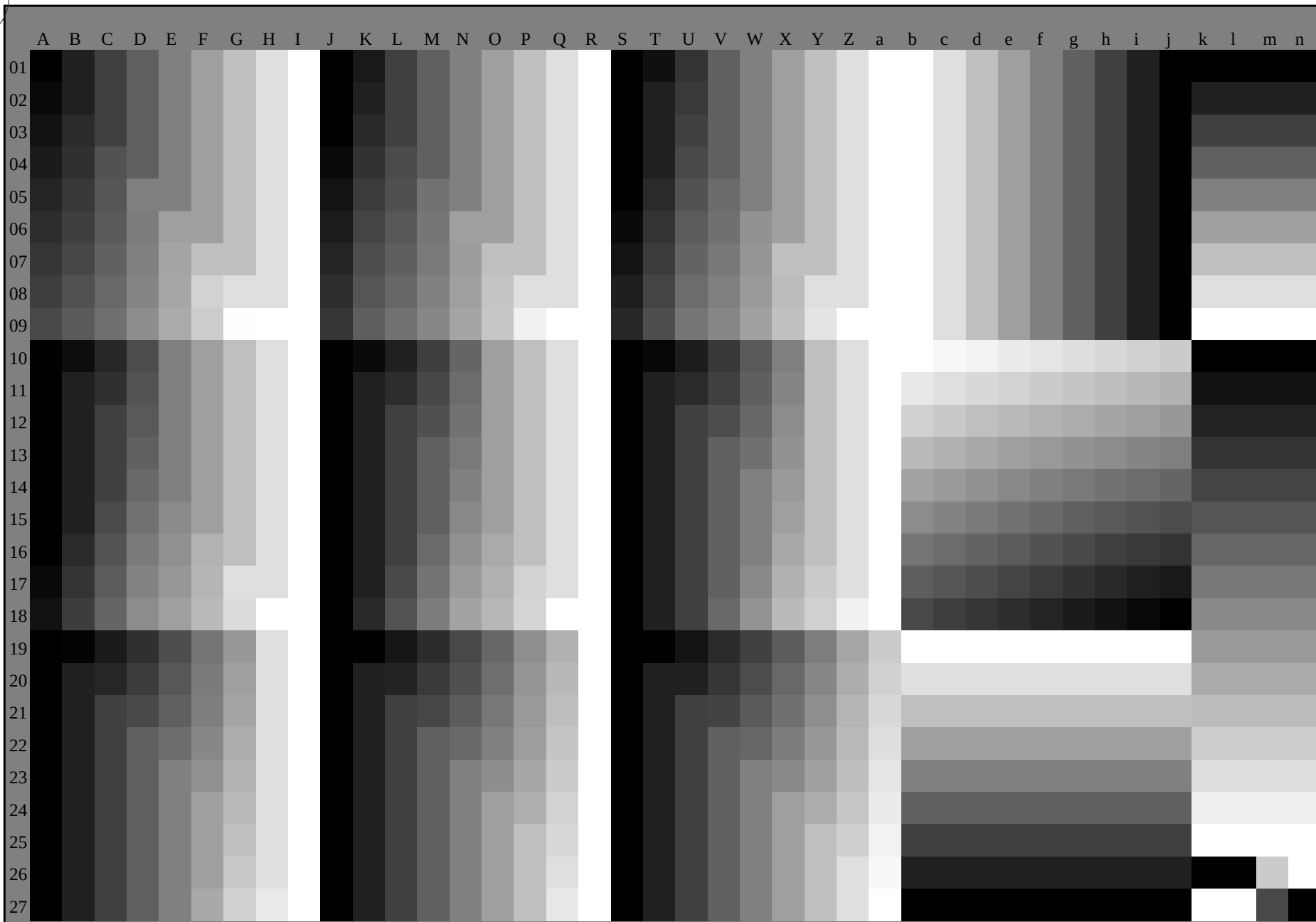
TUB-test chart RE75; 1080 standard colours, $cf=0,9$
Test chart according to DIN 33872

input: $rgb/cmyk \rightarrow rgb_e$
output: transfer to $cmy0_e$

1-013231-E0

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

TUB registration: 20150701-RE75/RE75L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmy0 (CMY0)



RE750-71 1-013331-L0

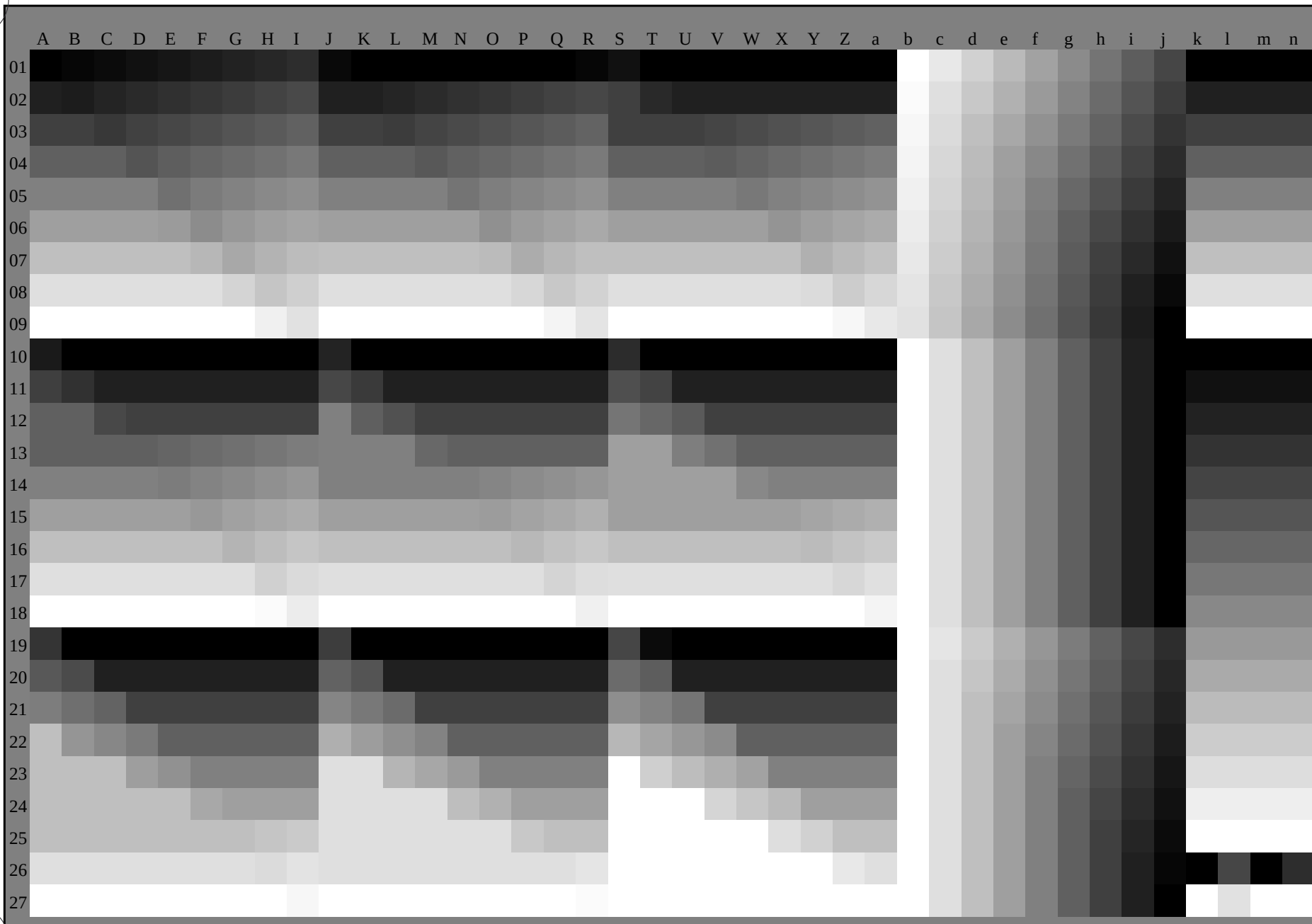
Test chart G with 40x27=1080 colours; equidistant 9 or 16 step colour scales; Colour data in column (A-n);, 3D = 0
TUB-test chart RE75; 1080 standard colours, $cf=0,9$
Test chart according to DIN 33872

input: $rgb/cmyk \rightarrow rgb_e$
output: transfer to $cmy0_e$

1-013331-E0

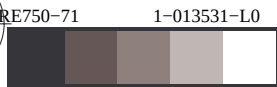
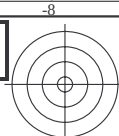
see similar files: <http://130.149.60.45/~farbmetrik/RE75/RE75.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE75/RE75L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmy0 (CMY0)

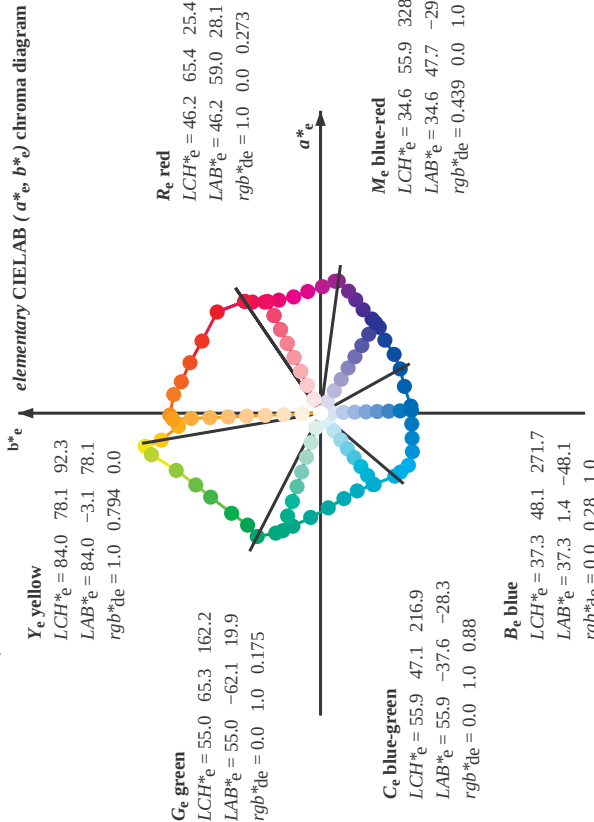
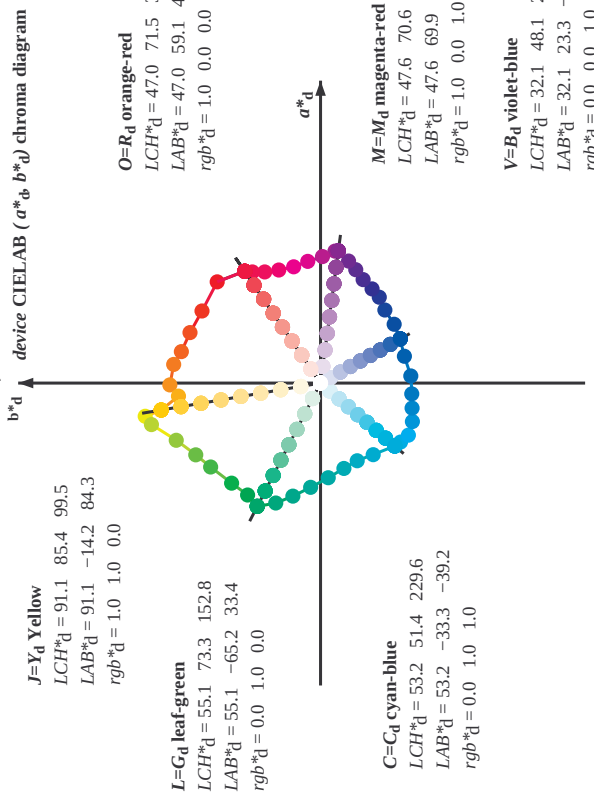


TUB-test chart RE75; 1080 standard colours, $cf=0,9$
Test chart according to DIN 33872

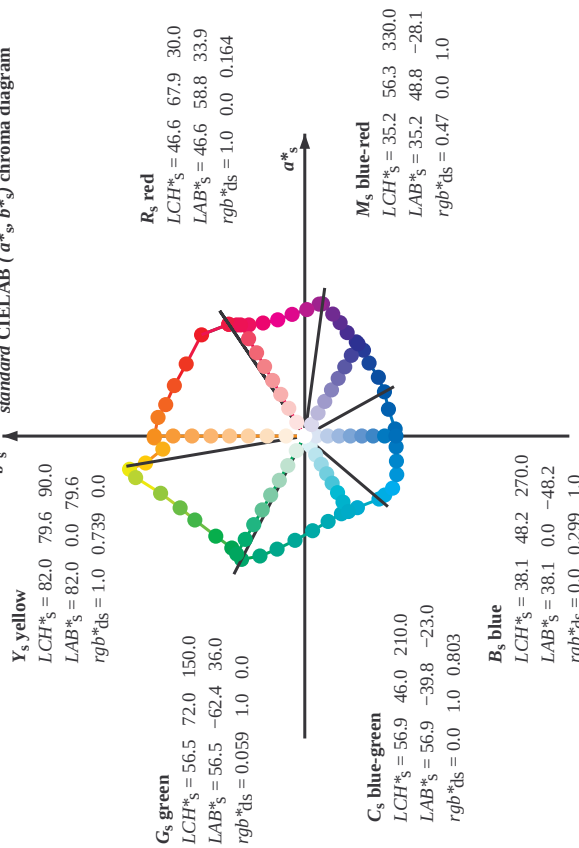
input: $rgb/cmyk \rightarrow rgb_e$
output: transfer to $cmy0_e$



Data of Maximum color M in colorimetric system Offset standard print; separation cmy6*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCM; $h_{ab,d} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours RYGBCM; $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours RYGBCM; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



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



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

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

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

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

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

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

$$h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$
- For any elementary hue angle h_{ab} 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^*_e produce the output of the device-independent elementary hues

LAB*_{ab}, YN=0%, XY Znw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*_{nw}=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted

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

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

input: $rgb/cmyk -> rgb_e$
output: transfer to $cmy0_e$

http://130.149.60.45/~farbmetrik/RE75/RE75L0NP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 8/33

Data of Maximum color M in colorimetric system Offset standard print; separation cmy6* D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCM; $h_{ab,d} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;									
Six hue angles of the device colours RYGBCM; $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours RYGBCM; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$									
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{d64M}	rgb^*_{d64M}	rgb^*_{d64M}	rgb^*_{d64M}	rgb^*_{d64M}	rgb^*_{d64M}	rgb^*_{d64M}
34.1	30.0	25.4	1.0	0.0	0.0	47.1	59.2	40.2	71.5
45.5	37.5	33.8	1.0	0.125	0.0	53.0	53.6	54.6	76.5
58.7	45.0	42.1	1.0	0.25	0.0	60.8	38.1	62.7	73.4
68.8	52.5	50.5	1.0	0.375	0.0	66.8	26.7	69.0	74.0
77.2	60.0	58.8	1.0	0.5	0.0	72.1	16.6	73.6	75.5
82.8	67.5	67.2	1.0	0.625	0.0	76.1	9.8	77.6	78.3
90.6	75.0	75.6	1.0	0.75	0.0	82.6	-0.9	79.7	79.7
95.2	82.5	83.9	1.0	0.875	0.0	86.7	-6.8	75.1	75.4
99.5	90.0	92.3	1.0	1.0	0.0	91.1	-14.2	84.3	85.4
100.7	97.5	101.0	0.875	1.0	0.0	92.9	-17.6	92.7	94.4
103.7	105.0	109.7	0.75	1.0	0.0	89.4	-21.9	89.4	92.1
111.6	112.5	118.5	0.625	1.0	0.0	81.0	-30.2	76.3	82.0
119.9	120.0	127.2	0.5	1.0	0.0	74.3	-37.9	65.9	76.1
127.3	127.5	136.0	0.375	1.0	0.0	69.4	-44.4	58.1	73.1
138.3	135.0	144.7	0.25	1.0	0.0	62.4	-52.9	47.0	70.8
146.8	142.5	153.4	0.125	1.0	0.0	58.2	-59.2	38.6	70.6
152.8	150.0	162.2	0.0	1.0	0.0	55.1	-65.2	33.4	73.3
159.5	157.5	169.0	0.0	1.0	0.125	54.8	-63.5	23.7	77.8
166.2	165.0	175.9	0.0	1.0	0.25	55.4	-59.8	14.6	81.5
174.5	172.5	182.7	0.0	1.0	0.375	56.2	-55.1	5.2	85.4
184.6	180.0	189.6	0.0	1.0	0.5	56.9	-50.0	-4.0	89.3
195.2	187.5	196.4	0.0	1.0	0.625	57.4	-45.1	-12.3	92.7
205.2	195.0	203.2	0.0	1.0	0.75	57.5	-41.0	-19.3	95.3
216.3	202.5	210.1	0.0	1.0	0.875	56.0	-37.8	-27.8	97.6
229.6	210.0	216.9	0.0	1.0	1.0	53.2	-33.3	-39.2	99.6
233.6	217.5	223.8	0.0	0.875	1.0	52.6	-31.1	-42.2	101.6
239.3	225.0	230.6	0.0	0.75	1.0	52.6	-27.5	-46.4	103.6
247.2	232.5	237.5	0.0	0.625	1.0	50.2	-20.3	-48.6	105.7
254.6	240.0	244.3	0.0	0.5	1.0	46.2	-13.2	-48.4	107.7
263.2	247.5	251.2	0.0	0.375	1.0	41.3	-5.7	-48.3	109.7
274.4	255.0	258.0	0.0	0.25	1.0	36.0	3.7	-47.8	111.7
287.7	262.5	264.8	0.0	0.125	1.0	34.4	14.1	-44.3	113.7
299.0	270.0	271.7	0.0	0.0	1.0	32.1	23.3	-42.1	115.7
308.6	277.5	278.8	0.125	0.0	1.0	31.3	31.1	-38.9	117.7
318.6	285.0	285.9	0.25	0.0	1.0	30.9	38.7	-33.9	119.7
325.6	292.5	293.0	0.375	0.0	1.0	33.4	45.4	-31.0	121.7
331.3	300.0	300.1	0.5	0.0	1.0	35.8	49.8	-27.2	123.7
337.6	307.5	307.2	0.625	0.0	1.0	39.0	54.7	-22.4	125.7
342.7	315.0	314.3	0.75	0.0	1.0	41.8	60.0	-18.6	127.7
347.0	322.5	321.4	0.875	0.0	1.0	44.2	64.5	-14.8	129.7
352.3	330.0	328.6	1.0	0.0	1.0	47.6	69.9	-9.4	131.7
353.7	337.5	335.7	1.0	0.0	0.875	46.9	69.7	-7.6	133.7
359.1	345.0	342.8	1.0	0.0	0.75	46.3	66.8	-1.0	135.7
365.9	352.5	349.9	1.0	0.0	0.625	46.1	64.3	6.7	137.7
373.0	360.0	357.0	1.0	0.0	0.5	46.0	61.4	14.2	139.7
380.2	367.5	364.1	1.0	0.0	0.375	45.8	59.8	22.0	141.7
386.6	375.0	371.2	1.0	0.0	0.25	46.3	58.7	29.5	143.7
391.5	382.5	378.3	1.0	0.0	0.125	46.7	58.7	36.0	145.7
394.1	390.0	385.4	1.0	0.0	0.0	47.0	59.1	40.1	147.7
RE750-71	1-013731-L0								

input: $rgb/cmyk \rightarrow rgb$
output: transfer to $cmy0e$

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

Output: Offset standard print; separation cmy6*, D65, page 8/33

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

Six hue angles of the device colours $RYGCBM_{\lambda}$: $h_{\lambda, \lambda} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours $RYGCBM_{\lambda}$: $h_{\lambda, \lambda} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$; Six hue angles of the 60 degree standard colours $RYGCBM_{\lambda}$: $h_{\lambda, ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Data of Maximum color M in colorimetric system Offset standard print; separation cmy6*; D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_{\lambda}$: $h_{\lambda, ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

[illegible]

5.4, 0.0, 0.0, not adapted=adapted
input: *rgb/cmyk* ->
output: transfer to *cm*

LAB*a0, YN=0%, XYZw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*w=24.1
TUB-test chart RE75; 1080 standard colours, cf=0.9
48 step hue circles; *rgb-LabCh**tables

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

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 $RYGCBM_e$; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$										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 $RYGCBM_e$; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$														
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{ab,d}$	$rgb^*_{ab,s}$	$rgb^*_{ab,e}$	$Lab^*_{ab,d}$	$Lab^*_{ab,s}$	$Lab^*_{ab,e}$	R_d	$rgb^*_{ds361MI}$	$rgb^*_{dsx361MI}$	rgb^*_{d361MI}	$rgb^*_{de361MI}$	$LAB^*_{dex361MI}$	rgb^*_{d361MI}	$rgb^*_{de361MI}$	$LAB^*_{dex361MI}$	rgb^*_{d361MI}	$rgb^*_{de361MI}$					
-269	75	75	1.0	0.75	0.0	82.6	-0.9	79.7	79.7	-269	91	91	1.0	0.467	0.0	70.8	19.4	72.6	75.1	75	1.0	0.75	0.0	
76	76	76	1.0	0.766	0.0	83.1	-1.7	79.1	79.1	91	91	91	1.0	0.482	0.0	71.4	18.2	73.1	75.3	76	1.0	0.767	0.0	
91	77	77	1.0	0.783	0.0	83.7	-2.5	78.5	78.5	91	91	91	1.0	0.496	0.0	72.0	17.0	73.5	75.5	77	1.0	0.783	0.0	
92	78	78	1.0	0.8	0.0	84.2	-3.4	77.9	78.0	92	92	92	1.0	0.517	0.0	72.7	15.8	74.2	75.9	78	1.0	0.8	0.0	
93	79	80	1.0	0.816	0.0	84.8	-4.1	77.3	77.4	93	93	93	1.0	0.54	0.0	73.4	14.6	75.0	76.4	79	1.0	0.817	0.0	
93	80	81	1.0	0.833	0.0	85.3	-4.9	76.7	76.8	93	93	93	1.0	0.562	0.0	74.2	13.4	75.7	76.9	80	1.0	0.833	0.0	
94	81	82	1.0	0.85	0.0	85.8	-5.7	76.0	76.3	94	94	94	1.0	0.584	0.0	74.9	12.1	76.5	77.4	81	1.0	0.85	0.0	
94	82	83	1.0	0.866	0.0	86.4	-6.4	75.4	75.7	94	94	94	1.0	0.607	0.0	75.6	10.8	77.2	77.9	82	1.0	0.867	0.0	
95	83	84	1.0	0.883	0.0	87.0	-7.3	75.7	76.1	95	95	95	1.0	0.628	0.0	76.3	9.5	77.8	78.4	83	1.0	0.883	0.0	
96	84	85	1.0	0.9	0.0	87.5	-8.2	77.0	77.4	96	96	96	1.0	0.644	0.0	77.1	8.2	78.1	78.5	84	1.0	0.9	0.0	
96	85	86	1.0	0.916	0.0	88.1	-9.1	78.2	78.8	96	96	96	1.0	0.66	0.0	78.0	6.9	78.4	78.7	85	1.0	0.917	0.0	
97	86	87	1.0	0.933	0.0	88.7	-10.1	79.5	80.1	97	97	97	1.0	0.676	0.0	78.8	5.5	78.7	78.9	86	1.0	0.933	0.0	
97	87	88	1.0	0.95	0.0	89.3	-11.1	80.7	81.4	97	97	97	1.0	0.692	0.0	79.6	4.1	79.0	79.1	87	1.0	0.95	0.0	
98	88	90	1.0	0.966	0.0	89.9	-12.1	81.9	82.8	98	98	98	1.0	0.707	0.0	80.4	2.8	79.2	79.2	88	1.0	0.967	0.0	
99	89	91	1.0	0.983	0.0	90.5	-13.1	83.1	84.1	99	99	99	1.0	0.723	0.0	81.2	1.4	79.4	79.4	89	1.0	0.983	0.0	
99	90	92	1.0	1.0	0.0	91.1	-14.2	84.3	85.4	99	99	99	1.0	0.739	0.0	82.1	0.0	79.6	79.6	91	1.0	1.0	0.0	
99	91	93	0.983	1.0	0.0	91.3	-14.6	85.4	86.6	99	99	99	1.0	0.759	0.0	82.9	-1.3	79.4	79.4	91	0.983	1.0	0.0	
99	92	94	0.966	1.0	0.0	91.6	-15.1	86.5	87.8	99	99	99	1.0	0.786	0.0	83.8	-2.6	78.4	78.5	92	0.967	1.0	0.0	
100	93	95	0.95	1.0	0.0	91.8	-15.5	87.6	89.0	100	100	100	1.0	0.814	0.0	84.7	-4.0	77.4	77.5	93	0.95	1.0	0.0	
100	94	96	0.933	1.0	0.0	92.0	-16.0	88.8	90.2	100	100	100	1.0	0.841	0.0	85.6	-5.2	76.4	76.6	94	0.933	1.0	0.0	
100	95	98	0.916	1.0	0.0	92.3	-16.4	89.9	91.4	100	100	100	1.0	0.869	0.0	86.5	-6.5	75.4	75.7	95	0.917	1.0	0.0	
100	96	99	0.9	1.0	0.0	92.5	-16.9	91.0	92.6	100	100	100	1.0	0.897	0.0	87.5	-8.0	76.8	77.3	96	0.9	1.0	0.0	
100	97	100	0.883	1.0	0.0	92.7	-17.3	92.1	93.8	100	100	100	1.0	0.926	0.0	88.5	-9.6	79.0	79.5	97	0.883	1.0	0.0	
100	98	101	0.866	1.0	0.0	92.6	-17.9	92.5	94.2	100	100	100	1.0	0.954	0.0	89.5	-11.3	81.0	81.8	98	0.867	1.0	0.0	
101	99	102	0.85	1.0	0.0	92.2	-18.4	92.1	93.9	101	101	101	1.0	0.983	0.0	90.5	-13.1	83.1	84.1	99	0.85	1.0	0.0	
101	100	103	0.833	1.0	0.0	91.7	-19.0	91.6	93.6	101	101	101	1.0	0.956	1.0	0.0	91.8	-15.3	87.3	88.6	100	0.833	1.0	0.0
102	101	105	0.816	1.0	0.0	91.3	-19.6	91.2	93.3	102	102	102	1.0	0.865	1.0	0.0	92.6	-17.9	92.5	94.2	101	0.817	1.0	0.0
102	102	106	0.8	1.0	0.0	90.8	-20.2	90.8	93.0	102	102	102	1.0	0.823	1.0	0.0	91.5	-19.3	91.4	93.5	102	0.8	1.0	0.0
102	103	107	0.783	1.0	0.0	90.3	-20.8	90.3	92.7	102	102	102	1.0	0.782	1.0	0.0	90.3	-20.8	90.3	92.7	103	0.783	1.0	0.0
103	104	108	0.766	1.0	0.0	89.9	-21.3	89.9	92.4	103	103	103	1.0	0.746	1.0	0.0	89.2	-22.1	89.1	91.8	104	0.767	1.0	0.0
103	105	109	0.75	1.0	0.0	89.4	-21.9	89.4	92.1	103	103	103	1.0	0.73	1.0	0.0	88.2	-23.3	87.5	90.6	105	0.75	1.0	0.0
104	106	110	0.733	1.0	0.0	88.3	-23.2	87.7	90.7	104	104	104	1.0	0.714	1.0	0.0	87.1	-24.5	85.8	89.3	106	0.733	1.0	0.0
105	107	112	0.716	1.0	0.0	87.2	-24.4	86.0	89.4	105	105	105	1.0	0.699	1.0	0.0	86.0	-25.6	84.2	88.0	107	0.717	1.0	0.0
106	108	113	0.7	1.0	0.0	86.1	-25.6	84.3	88.1	106	106	106	1.0	0.683	1.0	0.0	84.9	-26.7	82.5	86.7	108	0.7	1.0	0.0
107	109	114	0.683	1.0	0.0	84.9	-26.7	82.5	86.7	107	107	107	1.0	0.667	1.0	0.0	83.9	-27.7	80.8	85.4	109	0.683	1.0	0.0
108	110	115	0.666	1.0	0.0	83.8	-27.8	80.7	85.4	108	108	108	1.0	0.651	1.0	0.0	82.8	-28.7	79.1	84.2	110	0.667	1.0	0.0
110	111	116	0.65	1.0	0.0	82.7	-28.8	79.0	84.1	110	110	110	1.0	0.635	1.0	0.0	81.7	-29.6	77.4	82.9	111	0.65	1.0	0.0
111	112	117	0.633	1.0	0.0	81.6	-29.7	77.2	82.7	111	111	111	1.0	0.619	1.0	0.0	80.8	-30.5	75.9	81.8	112	0.633	1.0	0.0
112	113	119	0.616	1.0	0.0	80.6	-30.8	75.6	81.6	112	112	112	1.0	0.604	1.0	0.0	79.9	-31.6	74.6	81.1	113	0.617	1.0	0.0
113	114	120	0.6	1.0	0.0	79.7	-31.9	74.3	80.9	113	113	113	1.0	0.589	1.0	0.0	79.1	-32.6	73.4	80.4	114	0.6	1.0	0.0
114	115	121	0.583	1.0	0.0	78.8	-33.0	72.9	80.1	114	114	114	1.0	0.574	1.0	0.0	78.3	-33.6	72.2	79.7	115	0.583	1.0	0.0
115	116	122	0.566	1.0	0.0	77.9	-34.1	71.5	79.3	115	115	115	1.0	0.559	1.0	0.0	77.5	-34.5	71.0	78.9	116	0.567	1.0	0.0
116	117	123	0.55	1.0	0.0	77.0	-35.1	70.2	78.5	116	116	116	1.0	0.544	1.0	0.0	76.7	-35.4	69.7	78.2	117	0.55	1.0	0.0
117	118	124	0.533	1.0	0.0	76.1	-36.1	68.8	77.7	117	117	117	1.0	0.529	1.0	0.0	75.9	-36.3	68.4	77.5	118	0.533	1.0	0.0
118	119	126	0.516	1.0	0.0	75.2	-37.0	67.3	76.9	118	118	118	1.0	0.514	1.0	0.0	75.1	-37.1	67.2	76.8	119	0.517	1.0	0.0
119	120	127	0.5	1.0	0.0	74.3	-37.9	65.9	76.1	119	119	119	1.0	0.499	1.0	0.0	74.3	-37.9	65.9					

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

<http://130.149.60.45/~farbmatrik/RE75/RE75LONP.PDF> /PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 12/33

input: *rgb/cmyk* - > *rgbe*
output: transfer to *cmy0.0*

[illegible]

LAB* test chart RE75; 1080 standard colours, cf=0.9										input: <i>rgb/cmyk</i> - > <i>rgb_e</i>										output: transfer to <i>cmy0_e</i>									
48 step hue circles: <i>rgb-LabCh</i> *tables																													
LAB* test chart RE75; 1080 standard colours, cf=0.9										LAB* test chart RE75; 1080 standard colours, cf=0.9										LAB* test chart RE75; 1080 standard colours, cf=0.9									
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Output: Offset standard print; separation cmy6*, D65, page 15/38

input: $rgb/cmyk \rightarrow rgb$
output: transfer to $cmy0_e$

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

1-0131431-L0

RE750-71

Six hue angles of the device colours RYGBCM; $h_{ab,d} = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3$; Six hue angles of the elementary colours RYGBCM; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$									
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{d361M}	$LAB^*_{d361M}(x=LabCh)$	rgb^*_{d361MI}	$LAB^*_{d361MI}(x=LabCh)$	rgb^*_{d361MI}	LAB^*_{d361MI}	rgb^*_{d361MI}
331	300	0.5	0.0	1.0	32.1	24.2	-41.8	48.3	300
0.013	0.0	1.0	32.1	24.2	-41.8	48.3	300	0.5	0.0
0.015	0.0	1.0	32.0	24.3	-41.7	48.4	300	0.5	0.0
0.026	0.0	1.0	32.0	25.0	-41.5	48.5	301	0.517	0.0
0.027	0.0	1.0	32.0	25.1	-41.5	48.5	301	0.517	0.0
0.039	0.0	1.0	31.9	25.8	-41.2	48.7	302	0.533	0.0
0.04	0.0	1.0	31.9	25.9	-41.2	48.7	302	0.533	0.0
0.052	0.0	1.0	31.8	26.6	-40.9	48.9	303	0.55	0.0
0.052	0.0	1.0	31.8	26.6	-40.9	48.9	303	0.55	0.0
0.064	0.0	1.0	31.7	27.4	-40.6	49.0	304	0.567	0.0
0.064	0.0	1.0	31.7	27.4	-40.6	49.0	304	0.567	0.0
0.078	0.0	1.0	31.7	28.2	-40.2	49.2	305	0.583	0.0
0.077	0.0	1.0	31.7	28.2	-40.2	49.2	305	0.583	0.0
0.089	0.0	1.0	31.6	29.0	-39.8	49.4	306	0.6	0.0
0.089	0.0	1.0	31.6	29.0	-39.8	49.4	306	0.6	0.0
0.101	0.0	1.0	31.5	29.8	-39.5	49.6	307	0.617	0.0
0.101	0.0	1.0	31.5	29.8	-39.5	49.6	307	0.617	0.0
0.113	0.0	1.0	31.4	30.6	-39.1	49.7	308	0.633	0.0
0.113	0.0	1.0	31.4	30.6	-39.1	49.7	308	0.633	0.0
0.126	0.0	1.0	31.4	31.4	-38.7	49.9	309	0.65	0.0
0.126	0.0	1.0	31.4	31.4	-38.7	49.9	309	0.65	0.0
0.138	0.0	1.0	31.3	32.2	-38.2	50.1	310	0.667	0.0
0.138	0.0	1.0	31.3	32.2	-38.2	50.1	310	0.667	0.0
0.149	0.0	1.0	31.3	32.9	-37.8	50.2	311	0.683	0.0
0.149	0.0	1.0	31.3	32.9	-37.8	50.2	311	0.683	0.0
0.161	0.0	1.0	31.2	33.7	-37.3	50.4	312	0.7	0.0
0.161	0.0	1.0	31.2	33.7	-37.3	50.4	312	0.7	0.0
0.173	0.0	1.0	31.2	34.5	-36.9	50.6	313	0.717	0.0
0.173	0.0	1.0	31.2	34.5	-36.9	50.6	313	0.717	0.0
0.185	0.0	1.0	31.1	35.2	-36.4	50.7	314	0.733	0.0
0.185	0.0	1.0	31.1	35.2	-36.4	50.7	314	0.733	0.0
0.197	0.0	1.0	31.1	36.0	-35.9	50.9	315	0.75	0.0
0.197	0.0	1.0	31.1	36.0	-35.9	50.9	315	0.75	0.0
0.209	0.0	1.0	31.1	36.7	-35.4	51.0	316	0.767	0.0
0.209	0.0	1.0	31.1	36.7	-35.4	51.0	316	0.767	0.0
0.22	0.0	1.0	31.0	37.5	-34.8	51.2	317	0.783	0.0
0.22	0.0	1.0	31.0	37.5	-34.8	51.2	317	0.783	0.0
0.232	0.0	1.0	31.0	38.2	-34.3	51.4	318	0.8	0.0
0.232	0.0	1.0	31.0	38.2	-34.3	51.4	318	0.8	0.0
0.244	0.0	1.0	31.0	39.0	-33.8	51.7	319	0.817	0.0
0.244	0.0	1.0	31.0	39.0	-33.8	51.7	319	0.817	0.0
0.258	0.0	1.0	31.4	40.0	-33.4	52.2	320	0.833	0.0
0.258	0.0	1.0	31.4	40.0	-33.4	52.2	320	0.833	0.0
0.275	0.0	1.0	31.8	40.9	-33.1	52.7	321	0.85	0.0
0.275	0.0	1.0	31.8	40.9	-33.1	52.7	321	0.85	0.0
0.31	0.0	1.0	32.1	41.9	-32.6	53.2	322	0.867	0.0
0.31	0.0	1.0	32.1	41.9	-32.6	53.2	322	0.867	0.0
0.328	0.0	1.0	32.5	42.9	-32.2	53.7	323	0.883	0.0
0.328	0.0	1.0	32.5	42.9	-32.2	53.7	323	0.883	0.0
0.345	0.0	1.0	32.9	43.9	-31.8	54.2	324	0.9	0.0
0.345	0.0	1.0	32.9	43.9	-31.8	54.2	324	0.9	0.0
0.363	0.0	1.0	33.2	44.8	-31.3	54.7	325	0.917	0.0
0.363	0.0	1.0	33.2	44.8	-31.3	54.7	325	0.917	0.0
0.383	0.0	1.0	33.6	45.7	-30.8	55.2	326	0.933	0.0
0.383	0.0	1.0	33.6	45.7	-30.8	55.2	326	0.933	0.0
0.405	0.0	1.0	34.0	46.5	-30.1	55.5	327	0.95	0.0
0.405	0.0	1.0	34.0	46.5	-30.1	55.5	327	0.95	0.0
0.426	0.0	1.0	34.4	47.3	-29.5	55.8	328	0.967	0.0
0.426	0.0	1.0	34.4	47.3	-29.5	55.8	328	0.967	0.0
0.448	0.0	1.0	34.9	48.1	-28.8	56.1	329	0.983	0.0
0.448	0.0	1.0	34.9	48.1	-28.8	56.1	329	0.983	0.0
0.47	0.0	1.0	35.3	48.8	-28.1	56.4	330	1.0	0.0
0.47	0.0	1.0	35.3	48.8	-28.1	56.4	330	1.0	0.0
0.492	0.0	1.0	35.7	49.6	-27.4	56.7	331	1.0	0.0
0.492	0.0	1.0	35.7	49.6	-27.4	56.7	331	1.0	0.0
0.513	0.0	1.0	36.2	50.3	-26.7	57.0	332	1.0	0.0
0.513	0.0	1.0	36.2	50.3	-26.7	57.0	332	1.0	0.0
0.533	0.0	1.0	36.7	51.1	-26.0	57.4	333	1.0	0.0
0.533	0.0	1.0	36.7	51.1	-26.0	57.4	333	1.0	0.0
0.552	0.0	1.0	37.2	51.9	-25.2	57.8	334	1.0	0.0
0.552	0.0	1.0	37.2	51.9	-25.2	57.8	334	1.0	0.0
0.572	0.0	1.0	37.7	52.7	-24.5	58.2	335	1.0	0.0
0.572	0.0	1.0	37.7	52.7	-24.5	58.2	335	1.0	0.0
0.592	0.0	1.0	38.2	53.5	-23.7	58.5	336	1.0	0.0
0.592	0.0	1.0	38.2	53.5	-23.7	58.5	336	1.0	0.0
0.612	0.0	1.0	38.7	54.2	-22.9	58.9	337	1.0	0.0
0.612	0.0	1.0	38.7	54.2	-22.9	58.9	337	1.0	0.0
0.633	0.0	1.0	39.2	55.1	-22.2	59.4	338	1.0	0.0
0.633	0.0	1.0	39.2	55.1	-22.2	59.4	338	1.0	0.0
0.658	0.0	1.0	39.8	56.1	-21.5	60.1	339	1.0	0.0
0.658	0.0	1.0	39.8	56.1	-21.5	60.1	339	1.0	0.0
0.682	0.0	1.0	40.3	57.2	-20.7	60.9	340	1.0	0.0
0.682	0.0	1.0	40.3	57.2	-20.7	60.9	340	1.0	0.0
0.707	0.0	1.0	40.9	58.2	-20.0	61.6	341	1.0	0.0
0.707	0.0	1.0	40.9	58.2	-20.0	61.6	341	1.0	0.0
0.732	0.0	1.0	41.5	59.3	-19.2	62.3	342	1.0	0.0
0.732	0.0	1.0	41.5	59.3	-19.2	62.3	342	1.0	0.0
0.758	0.0	1.0	42.0	60.3	-18.3	63.1	343	1.0	0.0
0.758	0.0	1.0	42.0	60.3	-18.3	63.1	343	1.0	0.0
0.787	0.0	1.0	42.6	61.4	-17.5	63.9	344	1.0	0.0
0.787	0.0	1.0	42.6	61.4	-17.5	63.9	344	1.0	0.0
0.815	0.0	1.0	43.1	62.4	-16.6	64.6	345	1.0	0.0
0.815	0.0	1.0	43.1	62.4	-16.6	64.6	345	1.0	0.0

RE750-71

1-0131531-10

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

LAB* $l^*a^*b^*$, YN=0%, XYZ $_{2n\lambda}=4.1, 4.3, 4.8, 85.9, 90.9, 95.3$, LAB* $nw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0$, not adapted=adapted

input: $rgb/cmyk - > rgb_e$
output: transfer to $cmy0_e$

Output: Offset standard print; separation $cmy6^*, D65$

input: $rgb/cmyk \rightarrow rgb$
output: transfer to $cmy0$

input: $rgb/cmyk \rightarrow rgb$
output: transfer to $cmy0$

input: $rgb/cmyk \rightarrow rgb$
output: transfer to $cmy0$

input: $rgb/cmyk \rightarrow rgb$
output: transfer to $cmy0$

input: $rgb/cmyk \rightarrow rgb$
output: transfer to $cmy0$

input: $rgb/cmyk \rightarrow rgb$
output: transfer to $cmy0$

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

<http://130.149.60.45/~farbmietrik/RE75/RE75LONP.PDF> /PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 17/33

<http://130.149.60.45/~farbmatrik/RE75/RE75LONP.PDF> /PS; transfer N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 17/33

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 RYGCBM*, $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$.

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

[illegible]

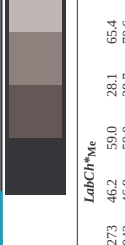
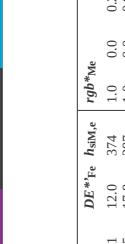
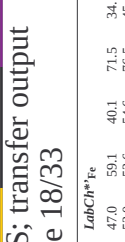
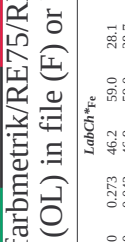
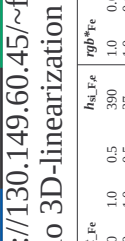
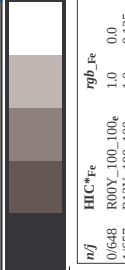
0.0	0.0	1.0	0.0
5.4	0.0	0.0	not adapted=adapted

0.0	0.0	1.0	0.0
5.4	0.0	0.0	not adapted=adapted

TTUB-test chart RE75; 1080 standard colours, $cf=0,9$
48 step hue circles: *rab-LabCh**tables
input: *rgb/cmyk* → *rgbe*
output: transfer to *cmv0_s*

TTUB-test chart RE75; 1080 standard colours, $cf=0,9$
48 step hue circles: *rab-LabCh**tables
input: *rgb/cmyk* → *rgbe*
output: transfer to *cmv0_s*

TTUB-test chart RE75; 1080 standard colours, $cf=0,9$
48 step hue circles: *rab-LabCh**tables
input: *rgb/cmyk* → *rgbe*
output: transfer to *cmv0_s*



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

TUB-test chart RE75; 1080 standard colours, cf=0.9, colors and differences, ΔE*, RE750-7N, Page 18/33-F												
nf	HC*Fe	rgb_Fe	hsa_Fa	rgb_Fe	LabCh*Fe	LabCh*Fe	rgb_Fe	DF*Fe	hsa_Fe	rgb_Fe	LabCh*Fe	LabCh*Fe
0/648	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/657	R13Y_100_100e	1.0	0.125	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2/666	R25Y_100_100e	1.0	0.25	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3/675	R38Y_100_100e	1.0	0.375	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4/684	R50Y_100_100e	1.0	0.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5/693	R63Y_100_100e	1.0	0.625	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/702	R75Y_100_100e	1.0	0.75	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/711	R88Y_100_100e	1.0	0.875	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8/720	Y00C_100_100e	1.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9/639	Y13C_100_100e	0.875	1.0	0.0	0.875	1.0	0.0	0.0	0.0	0.0	0.0	0.0
10/558	Y25C_100_100e	0.75	1.0	0.0	0.75	1.0	0.0	0.0	0.0	0.0	0.0	0.0
11/477	Y38C_100_100e	0.625	1.0	0.0	0.625	1.0	0.0	0.0	0.0	0.0	0.0	0.0
12/396	Y50C_100_100e	0.5	1.0	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
13/315	Y63C_100_100e	0.375	1.0	0.0	0.375	1.0	0.0	0.0	0.0	0.0	0.0	0.0
14/234	Y75C_100_100e	0.25	1.0	0.0	0.25	1.0	0.0	0.0	0.0	0.0	0.0	0.0
15/153	Y88C_100_100e	0.125	1.0	0.0	0.125	1.0	0.0	0.0	0.0	0.0	0.0	0.0
16/72	G00C_100_100e	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
17/73	G13C_100_100e	0.0	1.0	0.125	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
18/74	G25C_100_100e	0.0	1.0	0.25	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
19/75	G38C_100_100e	0.0	1.0	0.375	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
20/76	G50C_100_100e	0.0	1.0	0.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
21/77	G63C_100_100e	0.0	1.0	0.625	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
22/78	G75C_100_100e	0.0	1.0	0.75	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
23/79	G88C_100_100e	0.0	1.0	0.875	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24/80	C00B_100_100e	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
25/81	C13B_100_100e	0.0	1.0	0.125	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
26/62	C25B_100_100e	0.0	0.875	1.0	0.0	0.875	1.0	0.0	0.0	0.0	0.0	0.0
27/63	C38B_100_100e	0.0	0.75	1.0	0.0	0.75	1.0	0.0	0.0	0.0	0.0	0.0
28/44	C50B_100_100e	0.0	0.625	1.0	0.0	0.625	1.0	0.0	0.0	0.0	0.0	0.0
29/35	C63B_100_100e	0.0	0.5	1.0	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0
30/26	C75B_100_100e	0.0	0.375	1.0	0.0	0.375	1.0	0.0	0.0	0.0	0.0	0.0
31/17	C88B_100_100e	0.0	0.25	1.0	0.0	0.25	1.0	0.0	0.0	0.0	0.0	0.0
32/8	B00M_100_100e	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33/89	B13M_100_100e	0.125	0.0	1.0	0.0	0.125	0.0	0.0	0.0	0.0	0.0	0.0
34/170	B25M_100_100e	0.25	0.0	1.0	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0
35/251	B38M_100_100e	0.375	0.0	1.0	0.0	0.375	0.0	0.0	0.0	0.0	0.0	0.0
36/332	B50M_100_100e	0.5	0.0	1.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
37/413	B63M_100_100e	0.625	0.0	1.0	0.0	0.625	0.0	0.0	0.0	0.0	0.0	0.0
38/494	B75M_100_100e	0.75	0.0	1.0	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0
39/575	B88M_100_100e	0.875	0.0	1.0	0.0	0.875	0.0	0.0	0.0	0.0	0.0	0.0
40/656	M00R_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41/655	M13R_100_100e	1.0	0.0	0.875	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42/654	M25R_100_100e	1.0	0.0	0.75	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43/653	M38R_100_100e	1.0	0.0	0.625	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44/652	M50R_100_100e	1.0	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45/651	M63R_100_100e	1.0	0.0	0.375	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46/650	M75R_100_100e	1.0	0.0	0.25	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47/649	M88R_100_100e	1.0	0.0	0.125	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48/648	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49/0	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50/91	NW_012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
51/182	NW_025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
52/273	NW_038e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
53/364	NW_050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
54/455	NW_063e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
55/546	NW_075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
56/637	NW_088e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
57/728	NW_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

1-0131731-F0

RE750-7N, Page 18/33-F

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

input: *rgb/cmyk* - > *rgbe*
output: transfer to *cmy0e*

V

C

V

C



TUB material: code=rha4ta
cm0 (CMY0)

input: *rgb/cmyk* → *rgbe*
output: transfer to *cmy0_e*

 ΔE^*

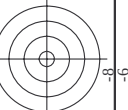
1111

[illegible]

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

input: *rgb/cmyk* → *rgbe*
output: transfer to *cmy0_e*

TUB-test chart RE75: 1080 standard colours, $cf=0.9$ [illegible]



TUB material: code=rha4ta
my0 (CMY0)

input: *rgb/cmyk* → *rgb*
output: transfer to *cmy* θ_e

TUB-test chart RE75; 1080 standard colors and differences, ΔE^* ,

n	HIC-Fe	rgb-Fe	lcr-Fe	h_2 -Fe	rgb-Fe	LabCh-Fe	rgb-Fe	LabCh-Fe	DE-Fe	$h_{\text{an}}^{\text{Fe}}$	rgb-Fe	LabCh-Fe	DE-Fe	$h_{\text{an}}^{\text{Fe}}$	rgb-Fe	LabCh-Fe	DE-Fe	$h_{\text{an}}^{\text{Fe}}$
81	R00Y_012_012e	0.125	0.0	0.125	0.062	330	0.054	0.0	0.125	0.034	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
82	B50R_012_012e	0.125	0.125	0.062	390	27.2	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
83	B50R_025_025e	0.125	0.125	0.062	330	25.8	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
84	B50R_037_037e	0.125	0.0	0.125	300	26.4	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
85	B11R_050_050e	0.125	0.0	0.125	281	5.9	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
86	B11R_062_062e	0.125	0.0	0.125	284	6.3	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
87	B07R_075_075e	0.125	0.0	0.125	279	31.1	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
88	B06R_087_087e	0.125	0.0	0.125	278	32.6	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
89	B05R_100_100e	0.125	0.0	0.125	277	35.5	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
90	Y00G_012_012e	0.125	0.0	0.125	90	36.6	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
91	NW_012e	0.125	0.125	0.062	360	35.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
92	B00R_037_037e	0.125	0.125	0.062	360	33.1	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
93	B00R_050_050e	0.125	0.125	0.062	360	33.5	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
94	B00R_062_062e	0.125	0.125	0.062	360	33.5	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
95	B00R_075_075e	0.125	0.125	0.062	360	33.5	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
96	B00R_087_087e	0.125	0.125	0.062	360	33.5	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
97	B00R_100_100e	0.125	0.125	0.062	360	33.5	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
98	Y00G_012_012e	0.125	0.125	0.062	360	33.5	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
99	Y00G_025_025e	0.125	0.125	0.062	360	33.5	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
100	G00B_025_012e	0.125	0.0	0.125	120	44.2	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
101	G00B_025_012e	0.125	0.0	0.125	120	44.2	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
102	G75B_037_037e	0.125	0.0	0.125	120	44.2	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
103	G84B_050_037e	0.125	0.0	0.125	251	4.1	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
104	G88B_062_050e	0.125	0.0	0.125	256	4.4	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
105	G88B_062_050e	0.125	0.0	0.125	256	4.4	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
106	G92B_087_075e	0.125	0.0	0.125	261	4.1	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
107	G92B_087_075e	0.125	0.0	0.125	261	4.1	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
108	G93B_100_087e	0.125	0.0	0.125	262	4.1	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0	0.125	0.0
109	G60B_037_037e	0.125	0.375	0.187	131	0.084	0.375	0.0	0.375	0.168	0.125	0.375	0.0	0.375	0.168	0.125	0.375	0.0
110	G25B_037_025e	0.125	0.375	0.125	150	0.124	0.375	0.168	0.125	0.375	0.125	0.375	0.168	0.125	0.375	0.125	0.375	0.168
111	G25B_037_025e	0.125	0.375	0.125	180	0.124	0.375	0.264	0.125	0.375	0.125	0.375	0.264	0.125	0.375	0.125	0.375	0.264
112	G65B_050_037e	0.125	0.375	0.125	229	0.124	0.447	0.5	0.447	0.169	0.125	0.447	0.5	0.447	0.169	0.125	0.447	0.5
113	G75B_062_050e	0.125	0.375	0.125	240	0.125	0.447	0.5	0.447	0.169	0.125	0.447	0.5	0.447	0.169	0.125	0.447	0.5
114	G60B_075_062e	0.125	0.375	0.125	407	0.125	0.447	0.5	0.447	0.169	0.125	0.447	0.5	0.447	0.169	0.125	0.447	0.5
115	G60B_075_062e	0.125	0.375	0.125	407	0.125	0.447	0.5	0.447	0.169	0.125	0.447	0.5	0.447	0.169	0.125	0.447	0.5
116	G68B_100_087e	0.125	0.375	0.125	251	0.125	0.447	0.5	0.447	0.169	0.125	0.447	0.5	0.447	0.169	0.125	0.447	0.5
117	G76G_050_050e	0.125	0.0	0.125	136	0.069	0.5	0.0	0.125	0.331	0.125	0.0	0.125	0.331	0.125	0.0	0.125	0.331
118	G00B_050_037e	0.125	0.0	0.125	150	0.124	0.5	0.19	0.449	0.168	0.125	0.5	0.19	0.449	0.168	0.125	0.5	0.19
119	G15B_050_037e	0.125	0.0	0.125	169	0.124	0.5	0.288	0.5	0.19	0.125	0.5	0.288	0.5	0.19	0.125	0.5	0.288
120	G34B_050_037e	0.125	0.0	0.125	191	0.124	0.5	0.379	0.5	0.19	0.125	0.5	0.379	0.5	0.19	0.125	0.5	0.379
121	G61B_062_050e	0.125	0.0	0.125	224	0.125	0.623	0.625	0.478	0.16	0.125	0.623	0.625	0.478	0.16	0.125	0.623	0.625
122	G69B_075_062e	0.125	0.0	0.125	233	0.125	0.612	0.75	0.510	0.17	0.125	0.612	0.75	0.510	0.17	0.125	0.612	0.75
123	G75B_087_075e	0.125	0.0	0.125	240	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
124	G79B_100_087e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
125	G79B_100_087e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
126	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
127	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
128	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
129	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
130	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
131	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
132	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
133	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
134	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
135	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
136	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
137	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
138	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
139	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
140	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
141	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
142	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
143	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
144	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875
145	G81G_062_062e	0.125	0.0	0.125	245	0.125	0.628	0.875	0.534	0.17	0.125	0.628	0.875	0.534	0.17	0.125	0.62	

http://130.149.60.45/~farbmatrik/RE75/RE75LONP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 22/33

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

input: *rgb/cmyk* → *rgb*
output: transfer to *cmy* θ_e

[illegible]

http://130.149.60.45/~farbmatrik/RE75/RE75LONP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 23/33

TUB-test chart RE75; 1080 standard colours, $cf=0,9$
input: *rgb/cmyk* - $> rgbe$
output: transfer to *cmy0e*,
colors and differences, ΔE^* ,

[illegible]

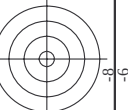
1-0132231-E0

2F750-7N Page 23/33-F

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9-1

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TUB material: code=rha4ta
cmv0 (CMY0)

input: *rgb/cmyk* → *rgb*
output: transfer to *cmy0*

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

[illegible]

http://130.149.60.45/~farbmatrik/RE75/RE75LONP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 29/33

input: *rgb/cmyk* → *rgbe*
 output: transfer to *cmv0*
 TTUB-test chart RE75; 1080 standard colours, $cf=0,9$
 colors and differences, ΔE^*

[illegible]

REF50-7N Page 30/33-E

0122921-10

<http://130.149.60.45/~farbmatrik/RE75/RE75L0NP.PDF> /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 31/33

n	H1C*Fe	rgb_Fe	ic1_Fe	hs_Fe	LabCH*Fe	rgb*Fe	LabCH*Fe	DF*Fe	hs*Fe	rgb*Fe	LabCH*Fe
891	NW_100_0124	1.0	1.0	360	96.3	0.0	96.5	-0.7	1.5	1.0	96.3
892	B50R_100_0254	1.0	0.875	330	86.6	5.9	86.3	8.0	1.5	1.0	86.3
893	B50R_100_0374	1.0	0.75	300	73.2	11.9	72.9	13.9	3.5	0.439	73.2
894	B50R_100_0504	1.0	0.625	270	60.5	17.9	59.9	20.9	6.9	0.0	60.5
895	B50R_100_0624	1.0	0.5	240	47.8	23.8	46.8	26.8	11.9	0.0	47.8
896	B50R_100_0754	1.0	0.375	210	35.1	29.8	34.1	32.8	18.4	0.0	35.1
897	B50R_100_0874	1.0	0.25	180	22.9	35.8	21.8	38.6	25.8	0.0	22.9
898	B50R_100_1004	1.0	0.125	150	10.4	41.9	9.4	44.9	32.8	0.0	10.4
899	GOB_100_0124	1.0	0.0	120	0.0	47.9	-29.1	55.9	32.3	0.0	0.0
900	GOB_100_0254	0.875	1.0	360	91.1	0.0	91.1	0.0	1.5	1.0	91.1
901	NW_0874	0.875	0.875	330	87.5	5.9	87.5	8.0	1.5	1.0	87.5
902	B50R_087_0124	0.875	0.75	300	74.6	11.9	74.6	13.9	3.5	0.439	74.6
903	B50R_087_0254	0.875	0.625	270	61.9	17.9	61.9	20.9	6.9	0.0	61.9
904	B50R_087_0374	0.875	0.5	240	49.2	23.8	48.2	26.8	11.9	0.0	49.2
905	B50R_087_0504	0.875	0.375	210	36.5	29.8	35.5	32.8	18.4	0.0	36.5
906	B50R_087_0624	0.875	0.25	180	24.1	35.8	24.1	38.6	25.8	0.0	24.1
907	B50R_087_0754	0.875	0.125	150	11.6	41.9	11.6	44.9	32.8	0.0	11.6
908	B50R_087_0874	0.875	0.0	120	0.0	48.0	-29.1	56.0	32.3	0.0	0.0
909	GOB_087_0124	0.75	1.0	360	82.2	0.0	82.2	0.0	1.5	1.0	82.2
910	GOB_087_0254	0.75	0.875	330	78.6	5.9	78.6	8.0	1.5	1.0	78.6
911	NW_0754	0.75	0.75	300	65.5	11.9	65.5	13.9	3.5	0.439	65.5
912	B50R_075_0124	0.75	0.625	270	52.8	17.9	52.8	20.9	6.9	0.0	52.8
913	B50R_075_0254	0.75	0.5	240	40.1	23.8	39.1	26.8	11.9	0.0	40.1
914	B50R_075_0374	0.75	0.375	210	27.4	29.8	27.4	32.8	18.4	0.0	27.4
915	B50R_075_0504	0.75	0.25	180	14.9	35.8	14.9	38.6	25.8	0.0	14.9
916	B50R_075_0624	0.75	0.125	150	2.4	41.9	2.4	44.9	32.8	0.0	2.4
917	B50R_075_0754	0.75	0.0	120	0.0	48.0	-29.1	56.0	32.3	0.0	0.0
918	GOB_075_0124	0.625	1.0	360	80.8	0.0	80.8	0.0	1.5	1.0	80.8
919	GOB_075_0254	0.625	0.875	330	77.2	5.9	77.2	8.0	1.5	1.0	77.2
920	GOB_075_0374	0.625	0.75	300	64.5	11.9	64.5	13.9	3.5	0.439	64.5
921	NW_0624	0.625	0.625	270	51.9	17.9	51.9	20.9	6.9	0.0	51.9
922	B50R_062_0124	0.625	0.5	240	39.2	23.8	38.2	26.8	11.9	0.0	39.2
923	B50R_062_0254	0.625	0.375	210	26.5	29.8	26.5	32.8	18.4	0.0	26.5
924	B50R_062_0374	0.625	0.25	180	14.0	35.8	14.0	38.6	25.8	0.0	14.0
925	B50R_062_0504	0.625	0.125	150	2.9	41.9	2.9	44.9	32.8	0.0	2.9
926	B50R_062_0624	0.625	0.0	120	0.0	48.0	-29.1	56.0	32.3	0.0	0.0
927	GOB_062_0124	0.5	1.0	360	75.7	0.0	75.7	0.0	1.5	1.0	75.7
928	GOB_062_0254	0.5	0.875	330	72.1	5.9	72.1	8.0	1.5	1.0	72.1
929	GOB_062_0374	0.5	0.75	300	59.4	11.9	59.4	13.9	3.5	0.439	59.4
930	GOB_062_0504	0.5	0.625	270	46.7	17.9	46.7	20.9	6.9	0.0	46.7
931	NW_0504	0.5	0.5	240	34.0	23.8	33.0	26.8	11.9	0.0	34.0
932	B50R_050_0124	0.5	0.375	210	21.3	29.8	21.3	32.8	18.4	0.0	21.3
933	B50R_050_0254	0.5	0.25	180	9.8	35.8	9.8	38.6	25.8	0.0	9.8
934	B50R_050_0374	0.5	0.125	150	0.0	41.9	0.0	44.9	32.8	0.0	0.0
935	B50R_050_0504	0.5	0.0	120	0.0	48.0	-29.1	56.0	32.3	0.0	0.0
936	GOB_050_0124	0.375	1.0	360	70.5	0.0	70.5	0.0	1.5	1.0	70.5
937	GOB_050_0254	0.375	0.875	330	66.9	5.9	66.9	8.0	1.5	1.0	66.9
938	GOB_050_0374	0.375	0.75	300	54.2	11.9	54.2	13.9	3.5	0.439	54.2
939	GOB_050_0504	0.375	0.625	270	41.5	17.9	41.5	20.9	6.9	0.0	41.5
940	NW_0374	0.375	0.5	240	28.8	23.8	28.8	26.8	11.9	0.0	28.8
941	B50R_037_0124	0.375	0.375	210	16.1	29.8	16.1	32.8	18.4	0.0	16.1
942	B50R_037_0254	0.375	0.25	180	4.6	35.8	4.6	38.6	25.8	0.0	4.6
943	B50R_037_0374	0.375	0.125	150	0.0	41.9	0.0	44.9	32.8	0.0	0.0
944	GOB_037_0124	0.25	1.0	360	63.3	0.0	63.3	0.0	1.5	1.0	63.3
945	GOB_037_0254	0.25	0.875	330	59.7	5.9	59.7	8.0	1.5	1.0	59.7
946	GOB_037_0374	0.25	0.75	300	47.0	11.9	47.0	13.9	3.5	0.439	47.0
947	GOB_037_0504	0.25	0.625	270	34.3	17.9	34.3	20.9	6.9	0.0	34.3
948	GOB_037_0624	0.25	0.5	240	21.6	23.8	21.6	26.8	11.9	0.0	21.6
949	GOB_037_0754	0.25	0.375	210	9.1	29.8	9.1	32.8	18.4	0.0	9.1
950	GOB_037_0874	0.25	0.25	180	0.0	35.8	0.0	38.6	25.8	0.0	0.0
951	NW_0254	0.25	0.25	180	0.0	35.8	0.0	38.6	25.8	0.0	0.0
952	B50R_025_0124	0.25	0.125	150	0.0	35.8	0.0	38.6	25.8	0.0	0.0
953	B50R_025_0254	0.25	0.0	120	0.0	48.0	-29.1	56.0	32.3	0.0	0.0
954	GOB_025_0124	0.125	1.0	360	60.2	0.0	60.2	0.0	1.5	1.0	60.2
955	GOB_025_0254	0.125	0.875	330	56.6	5.9	56.6	8.0	1.5	1.0	56.6
956	GOB_025_0374	0.125	0.75	300	43.9	11.9	43.9	13.9	3.5	0.439	43.9
957	GOB_025_0504	0.125	0.625	270	31.2	17.9	31.2	20.9	6.9	0.0	31.2
958	GOB_025_0624	0.125	0.5	240	18.5	23.8	18.5	26.8	11.9	0.0	18.5
959	GOB_025_0754	0.125	0.375	210	6.0	29.8	6.0	32.8	18.4	0.0	6.0
960	GOB_025_0874	0.125	0.25	180	0.0	35.8	0.0	38.6	25.8	0.0	0.0
961	NW_0124	0.125	0.125	150	0.0	35.8	0.0	38.6	25.8	0.0	0.0
962	B50R_012_0124	0.125	0.0	120	0.0	48.0	-29.1	56.0	32.3	0.0	0.0
963	GOB_012_0124	0.0	1.0	360	55.0	0.0	55.0	0.0	1.5	1.0	55.0
964	GOB_012_0254	0.0	0.875	330	51.4	5.9	51.4	8.0	1.5	1.0	51.4
965	GOB_012_0374	0.0	0.75	300	38.7	11.9	38.7	13.9	3.5	0.439	38.7
966	GOB_012_0504	0.0	0.625	270	26.0	17.9	26.0	20.9	6.9	0.0	26.0
967	GOB_012_0624	0.0	0.5	240	13.3	23.8	13.3	26.8	11.9	0.0	13.3
968	GOB_012_0754	0.0	0.375	210	1.8	29.8	1.8	32.8	18.4	0.0	1.8
969	GOB_012_0874	0.0	0.25	180	0.0	35.8	0.0	38.6	25.8	0.0	0.0
970	GOB_012_0124	0.0	0.125	150	0.0	35.8	0.0	38.6	25.8	0.0	0.0
971	NW_0004	0.0	0.0	120	0.0	48.0	-29.1	56.0	32.3	0.0	0.0

RE750-7N, Page 31/33-F

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

input: $rgb/cmyk -> rgb$
output: transfer to $cmy0e$

Mean color difference of this page: $\Delta E^* = 11.7$

n	HIC*Fe	rgb*Fe	icL*Fe	hsa*Fe	rgb*Fe	LabCH*Fe	LabCH*Fe	rgb*Fe	hsa*Fe	DF*%Fe	rgb*%Fe	LabCH*%Fe	LabCH*%Fe
972	NW_000e	0.0	0.0	0.0	0.0	0.0	24.5	0.0	360	0.2	0.0	24.0	0.0
973	NW_012e	0.125	0.125	0.125	0.125	0.125	33.5	0.0	360	1.7	0.0	27.5	1.2
974	NW_025e	0.25	0.25	0.25	0.25	0.25	42.5	0.0	360	3.2	0.0	34.0	2.0
975	NW_037e	0.375	0.375	0.375	0.375	0.375	51.4	0.0	360	3.1	0.0	41.9	2.3
976	NW_050e	0.5	0.5	0.5	0.5	0.5	60.4	0.0	360	3.4	0.0	53.2	1.9
977	NW_062e	0.625	0.625	0.625	0.625	0.625	69.4	0.0	360	3.0	0.0	64.5	2.5
978	NW_075e	0.75	0.75	0.75	0.75	0.75	78.4	0.0	360	3.2	0.0	75.5	2.6
979	NW_087e	0.875	0.875	0.875	0.875	0.875	87.3	0.0	360	1.8	0.0	86.9	1.1
980	NW_100e	1.0	1.0	1.0	1.0	1.0	96.3	0.0	360	0.3	-0.2	96.2	-0.2
981	NW_000e	0.0	0.0	0.0	0.0	0.0	24.5	0.0	360	0.0	0.0	23.3	0.0
982	NW_012e	0.125	0.125	0.125	0.125	0.125	33.5	0.0	360	0.1	0.0	27.3	1.2
983	NW_025e	0.25	0.25	0.25	0.25	0.25	42.5	0.0	360	0.9	1.5	34.5	2.9
984	NW_037e	0.375	0.375	0.375	0.375	0.375	51.4	0.0	360	3.1	18.6	8.5	36.0
985	NW_050e	0.5	0.5	0.5	0.5	0.5	60.4	0.0	360	1.0	1.0	9.9	36.0
986	NW_062e	0.625	0.625	0.625	0.625	0.625	69.4	0.0	360	1.0	1.0	48.3	7.7
987	NW_075e	0.75	0.75	0.75	0.75	0.75	78.4	0.0	360	1.0	1.0	22.5	5.7
988	NW_087e	0.875	0.875	0.875	0.875	0.875	87.3	0.0	360	1.0	1.0	22.6	4.1
989	NW_100e	1.0	1.0	1.0	1.0	1.0	96.3	0.0	360	1.0	1.0	358.2	1.4
990	NW_000e	0.0	0.0	0.0	0.0	0.0	24.5	0.0	360	0.0	0.0	23.6	0.0
991	NW_012e	0.125	0.125	0.125	0.125	0.125	33.5	0.0	360	0.1	0.1	90.4	0.9
992	NW_025e	0.25	0.25	0.25	0.25	0.25	42.5	0.0	360	1.0	1.0	6.4	36.0
993	NW_037e	0.375	0.375	0.375	0.375	0.375	51.4	0.0	360	1.0	1.0	14.1	8.6
994	NW_050e	0.5	0.5	0.5	0.5	0.5	60.4	0.0	360	1.0	1.0	32.4	10.1
995	NW_062e	0.625	0.625	0.625	0.625	0.625	69.4	0.0	360	1.0	1.0	50.2	8.0
996	NW_075e	0.75	0.75	0.75	0.75	0.75	78.4	0.0	360	1.0	1.0	17.6	4.3
997	NW_087e	0.875	0.875	0.875	0.875	0.875	87.3	0.0	360	1.0	1.0	23.5	4.3
998	NW_100e	1.0	1.0	1.0	1.0	1.0	96.3	0.0	360	1.0	1.0	3.8	1.3
999	NW_000e	0.0	0.0	0.0	0.0	0.0	24.5	0.0	360	0.3	0.3	199.7	0.3
1000	NW_012e	0.125	0.125	0.125	0.125	0.125	33.5	0.0	360	0.0	0.0	22.3	0.0
1001	NW_025e	0.25	0.25	0.25	0.25	0.25	42.5	0.0	360	0.1	0.3	83.3	2.2
1002	NW_037e	0.375	0.375	0.375	0.375	0.375	51.4	0.0	360	1.0	1.0	43.9	7.1
1003	NW_050e	0.5	0.5	0.5	0.5	0.5	60.4	0.0	360	1.0	1.0	21.9	9.6
1004	NW_062e	0.625	0.625	0.625	0.625	0.625	69.4	0.0	360	1.0	1.0	32.9	10.8
1005	NW_075e	0.75	0.75	0.75	0.75	0.75	78.4	0.0	360	1.0	1.0	54.9	9.0
1006	NW_087e	0.875	0.875	0.875	0.875	0.875	87.3	0.0	360	1.0	1.0	35.0	6.9
1007	NW_100e	1.0	1.0	1.0	1.0	1.0	96.3	0.0	360	1.0	1.0	34.2	2.8
1008	NW_000e	0.0	0.0	0.0	0.0	0.0	24.5	0.0	360	0.6	1.2	30.8	1.4
1009	NW_012e	0.125	0.125	0.125	0.125	0.125	33.5	0.0	360	0.4	0.4	166.0	0.4
1010	NW_025e	0.25	0.25	0.25	0.25	0.25	42.5	0.0	360	0.3	0.3	300.7	0.3
1011	NW_037e	0.375	0.375	0.375	0.375	0.375	51.4	0.0	360	0.1	0.1	16.8	3.2
1012	NW_050e	0.5	0.5	0.5	0.5	0.5	60.4	0.0	360	1.2	1.8	45.3	3.6
1013	NW_062e	0.625	0.625	0.625	0.625	0.625	69.4	0.0	360	2.5	3.3	23.8	6.7
1014	NW_075e	0.75	0.75	0.75	0.75	0.75	78.4	0.0	360	1.0	1.0	39.0	8.0
1015	NW_087e	0.875	0.875	0.875	0.875	0.875	87.3	0.0	360	1.0	1.0	45.3	7.8
1016	NW_100e	1.0	1.0	1.0	1.0	1.0	96.3	0.0	360	1.0	1.0	42.2	6.4
1017	NW_000e	0.0	0.0	0.0	0.0	0.0	24.5	0.0	360	3.2	3.2	48.9	7.6
1018	NW_012e	0.125	0.125	0.125	0.125	0.125	33.5	0.0	360	2.0	3.0	45.4	7.8
1019	NW_025e	0.25	0.25	0.25	0.25	0.25	42.5	0.0	360	2.4	3.4	45.3	7.8
1020	NW_037e	0.375	0.375	0.375	0.375	0.375	51.4	0.0	360	3.0	3.0	45.5	5.9
1021	NW_050e	0.5	0.5	0.5	0.5	0.5	60.4	0.0	360	2.7	3.6	50.2	5.0
1022	NW_062e	0.625	0.625	0.625	0.625	0.625	69.4	0.0	360	2.3	2.8	55.4	4.6
1023	NW_075e	0.75	0.75	0.75	0.75	0.75	78.4	0.0	360	1.8	1.8	72.8	2.4
1024	NW_087e	0.875	0.875	0.875	0.875	0.875	87.3	0.0	360	0.5	0.7	103.9	1.1
1025	NW_100e	1.0	1.0	1.0	1.0	1.0	96.3	0.0	360	0.3	0.3	103.9	1.1
1026	NW_000e	0.0	0.0	0.0	0.0	0.0	24.5	0.0	360	0.1	0.1	251.2	0.2
1027	NW_012e	0.125	0.125	0.125	0.125	0.125	33.5	0.0	360	0.0	-0.1	315.8	1.7
1028	NW_025e	0.25	0.25	0.25	0.25	0.25	42.5	0.0	360	0.5	0.5	315.8	1.7
1029	NW_037e	0.375	0.375	0.375	0.375	0.375	51.4	0.0	360	1.3	1.3	6.5	1.3
1030	NW_050e	0.5	0.5	0.5	0.5	0.5	60.4	0.0	360	0.9	1.8	31.5	3.4
1031	NW_062e	0.625	0.625	0.625	0.625	0.625	69.4	0.0	360	2.6	2.6	25.8	4.6
1032	NW_075e	0.75	0.75	0.75	0.75	0.75	78.4	0.0	360	3.4	3.4	14.7	6.6
1033	NW_087e	0.875	0.875	0.875	0.875	0.875	87.3	0.0	360	1.0	1.0	30.9	7.4
1034	NW_100e	1.0	1.0	1.0	1.0	1.0	96.3	0.0	360	1.0	1.0	40.6	7.2
1035	NW_000e	0.0	0.0	0.0	0.0	0.0	24.5	0.0	360	3.2	3.2	36.7	7.3
1036	NW_012e	0.125	0.125	0.125	0.125	0.125	33.5	0.0	360	1.0	1.0	36.4	6.2
1037	NW_025e	0.25	0.25	0.25	0.25	0.25	42.5	0.0	360	1.0	1.0	29.3	5.6
1038	NW_037e	0.375	0.375	0.375	0.375	0.375	51.4	0.0	360	1.0	1.0	35.2	5.2
1039	NW_050e	0.5	0.5	0.5	0.5	0.5	60.4	0.0	360	1.0	1.0	40.6	4.5
1040	NW_062e	0.625	0.625	0.625	0.625	0.625	69.4	0.0	360	1.0	1.0	61.8	2.3
1041	NW_075e	0.75	0.75	0.75	0.75	0.75	78.4	0.0	360	1.0	1.0	275.9	0.3
1042	NW_087e	0.875	0.875	0.875	0.875	0.875	87.3	0.0	360	0.3	0.3	275.9	0.3
1043	NW_100e	1.0	1.0	1.0	1.0	1.0	96.3	0.0	360	0.5	0.5	311.4	2.1
1044	NW_000e	0.0	0.0	0.0	0.0	0.0	24.5	0.0	360	1.3	1.3	12.7	1.4
1045	NW_012e	0.125	0.125	0.125	0.125	0.125	33.5	0.0	360	0.9	1.7	32.2	3.9
1046	NW_025e	0.25	0.25	0.25	0.25	0.25	42.5	0.0	360	1.1	2.5	25.8	5.3
1047	NW_037e	0.375	0.375	0.375	0.375	0.375	51.4	0.0	360	3.2	3.4	19.0	6.8
1048	NW_050e	0.5	0.5	0.5	0.5	0.5	60.4	0.0	360	1.1	1.5	30.6	7.9
1049	NW_062e	0.625	0.625	0.625	0.625	0.625	69.4	0.0	360	2.6	3.3	43.3	4.4
1050	NW_075e	0.75	0.75	0.75	0.75	0.75	78.4	0.0	360	4.4	2.2	44.0	7.6
1051	NW_087e	0.875	0.875	0.875	0.875	0.875	87.3	0.0	360	0.4	2.5	35.9	7.0
1052	NW_100e	1.0	1.0	1.0	1.0	1.0	96.3	0.0	360	0.4	3.1	36.8	6.6

Mean color difference of this page: delta E* = 5.0

TUB-test chart RE75; 1080 standard colours, cf=0.9
colors and differences, ΔE*input: rgb/cmyk -> rgbe
output: transfer to cmy0e

RE750-7N, Page 32/33-F

1-013131-F0

1-013131-F0

http://130.149.60.45/~farbmetrik/RE75/RE75L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 33/33



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

input: *rgb/cmyk* - > *rgbe*
output: transfer to *cmy0e*

n	HCh*Fe	rgb_Fe	LabCh*Fe	rgb_Fe	LabCh*Fe	rgb_Fe	LabCh*Fe	rgb_Fe	LabCh*Fe	DE*Fe	hsh*Fe	rgb_Fe	LabCh*Fe	rgb_Fe	LabCh*Fe	DE*Fe	hsh*Fe	rgb_Fe	LabCh*Fe	DE*Fe	hsh*Fe
1053	NW_086e	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1054	NW_093e	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1055	NW_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1056	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1057	NW_006e	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066
1058	NW_013e	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133
1059	NW_020e	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1060	NW_026e	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266
1061	NW_033e	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333
1062	NW_040e	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1063	NW_046e	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466
1064	NW_053e	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533
1065	NW_060e	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1066	NW_066e	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666
1067	NW_073e	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734
1068	NW_080e	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
1069	NW_086e	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1070	NW_093e	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1071	NW_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1072	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073	ROXY_100_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1074	ROXY_100_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1075	G50B_100_100e	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1076	G50B_100_100e	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1077	B50B_100_100e	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1078	B50B_100_100e	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1079	B50B_100_100e	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Mean color difference of this page:

delta E* = 7.6