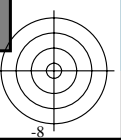
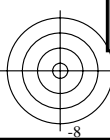
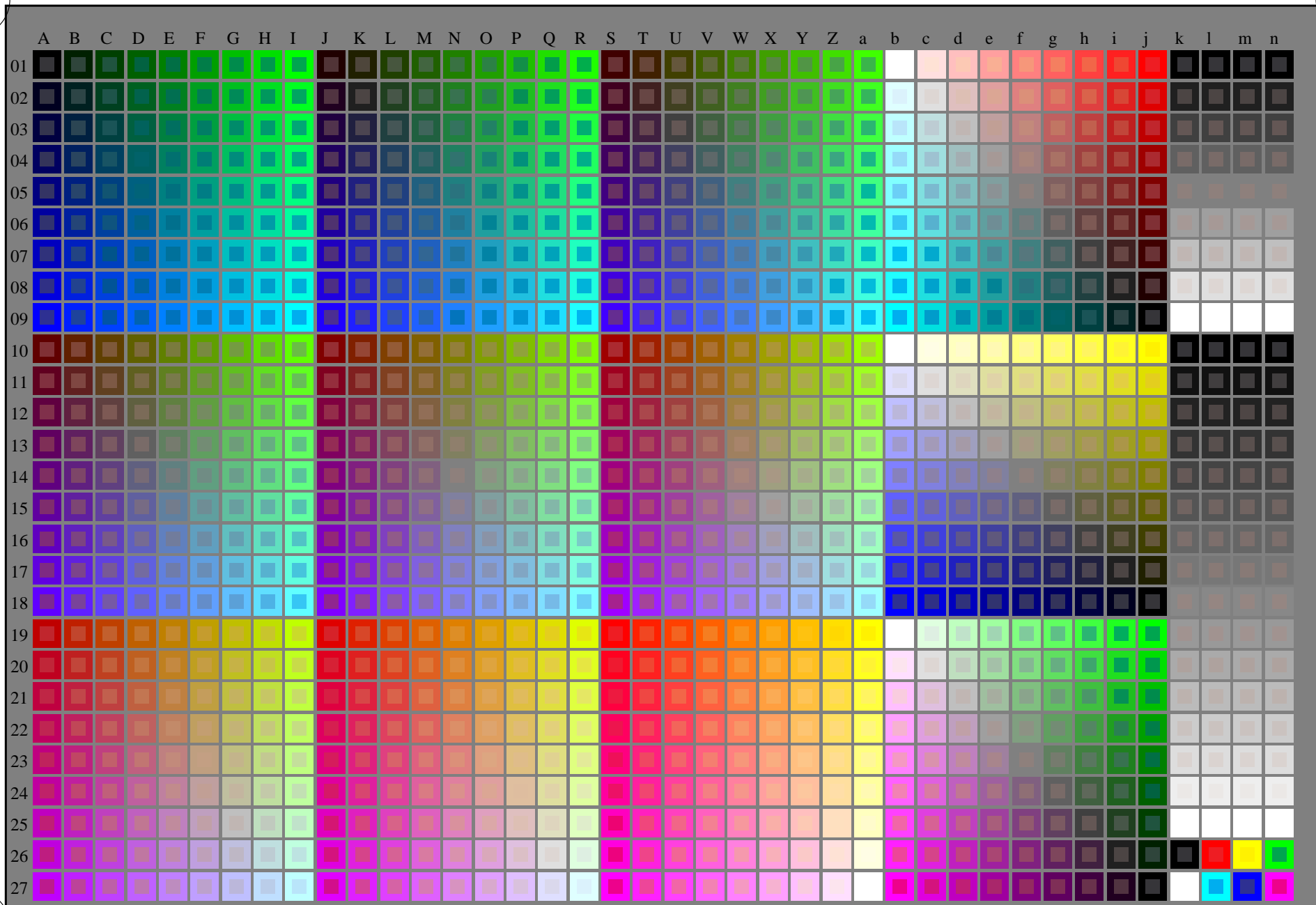




see similar files: <http://130.149.60.45/~farbmetrik/RE54/RE54.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE54/RE54L0FP.PDF /.PS
application for measurement of offset print output

TUB material: code=rh4ta



1-103030-L0 RE540-7N

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

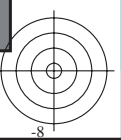
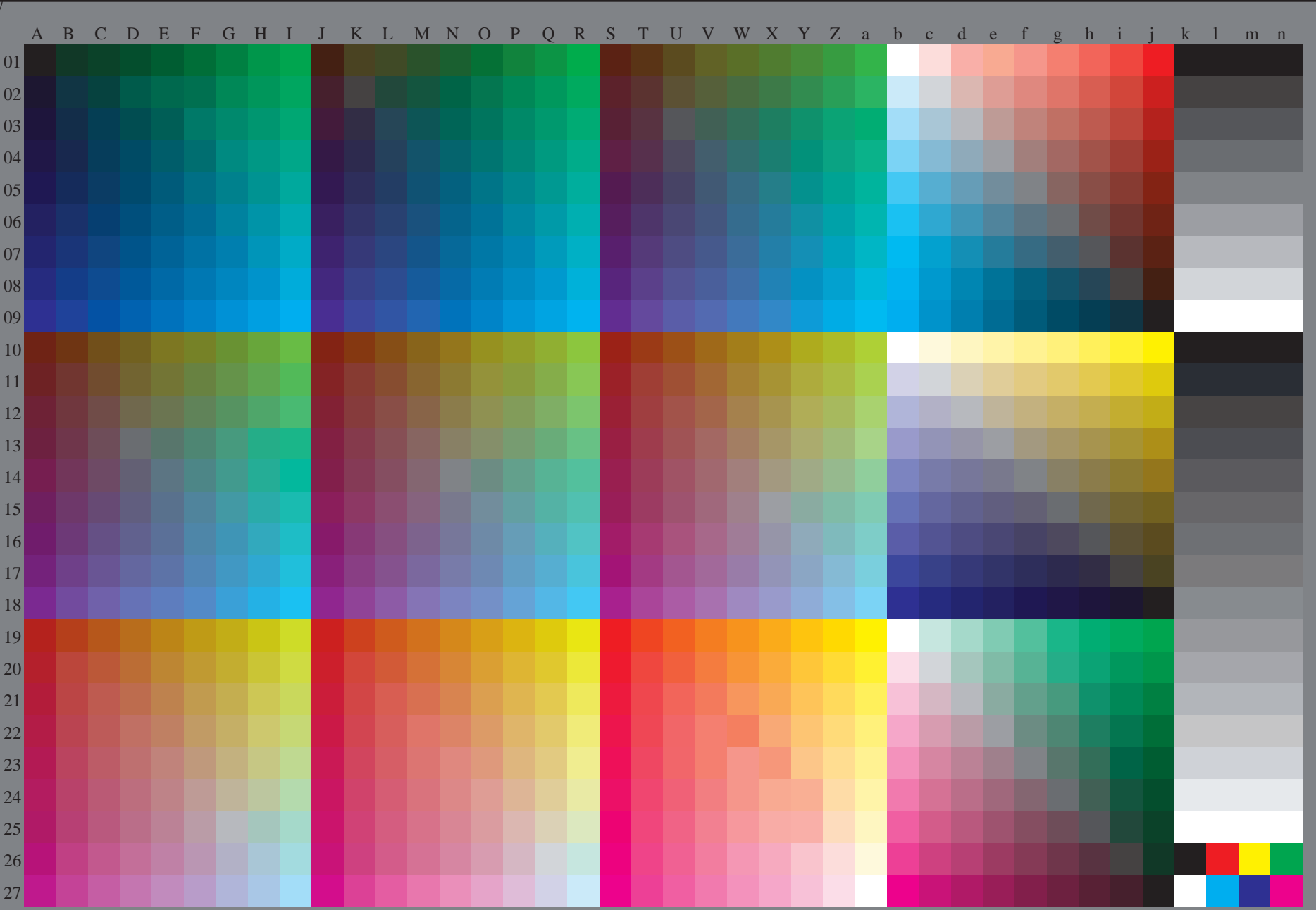
TUB-test chart RE54; 1080 standard colours
Test chart according to DIN 33872, 3D=1, de=0, $cmyk^*$

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



see similar files: <http://130.149.60.45/~farbmetrik/RE54/RE54.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE54/RE54L0FP.PDF /.PS
application for measurement of offset print output, separation cmyk* (CMYK)
TUB material: code=rh4ta



1-103130-L0 RE540-72

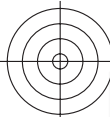
Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): *rgb* (A_n), 3D = 1

TUB-test chart RE54; 1080 standard colours
Test chart according to DIN 33872, 3D=1, de=0, *cmyk**

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

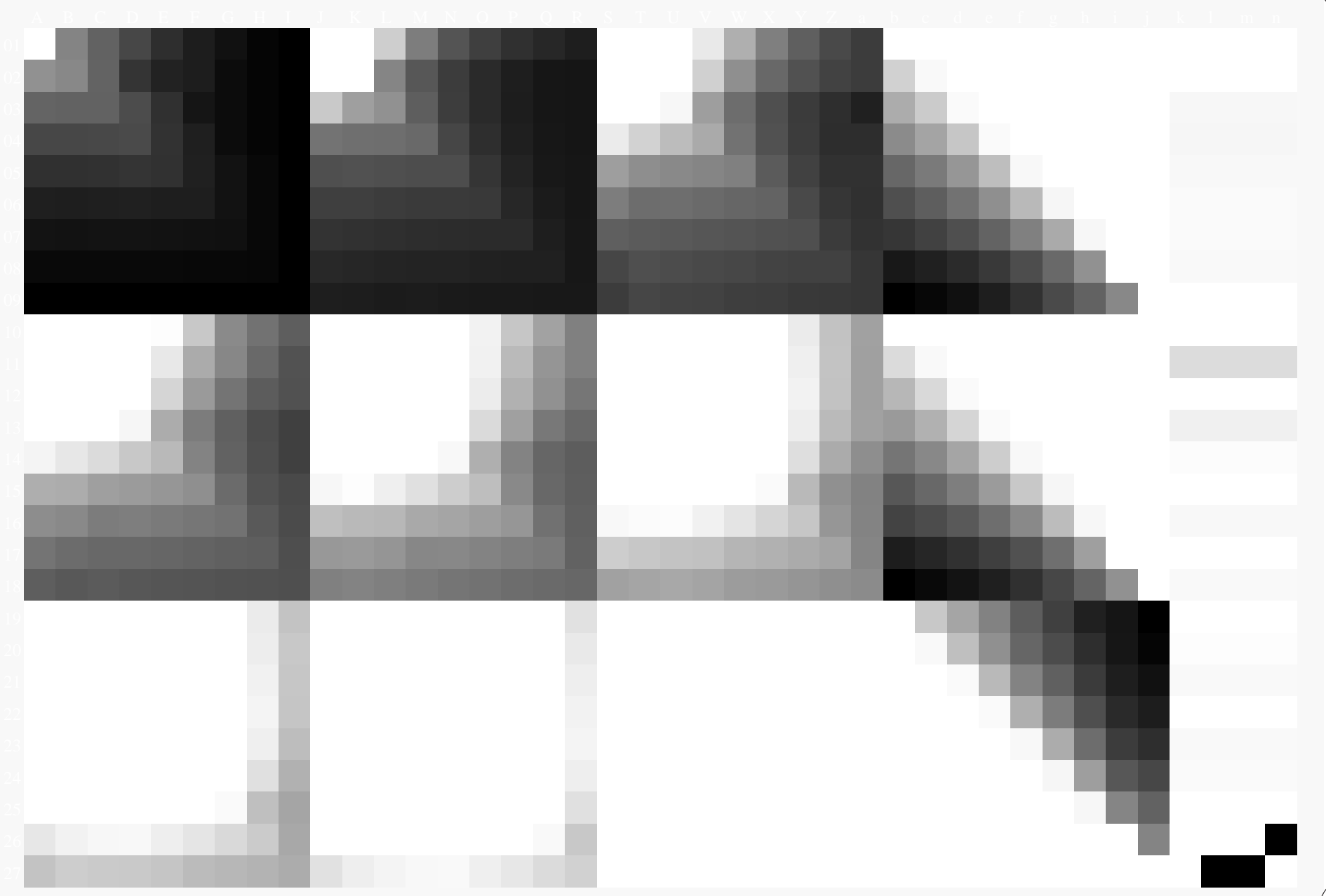
1-103130-F0





see similar files: <http://130.149.60.45/~farbmetrik/RE54/RE54.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

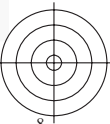
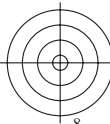
TUB registration: 20150701-RE54/RE54L0FP.PDF /.PS TUB material: code=rh4ta
application for measurement of offset print output, separation cmykn6* (CMYK)



1-103230-L0 RE540-72

TUB-test chart RE54; 1080 standard colours
Test chart according to DIN 33872, 3D=1, de=0, cmyk*

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

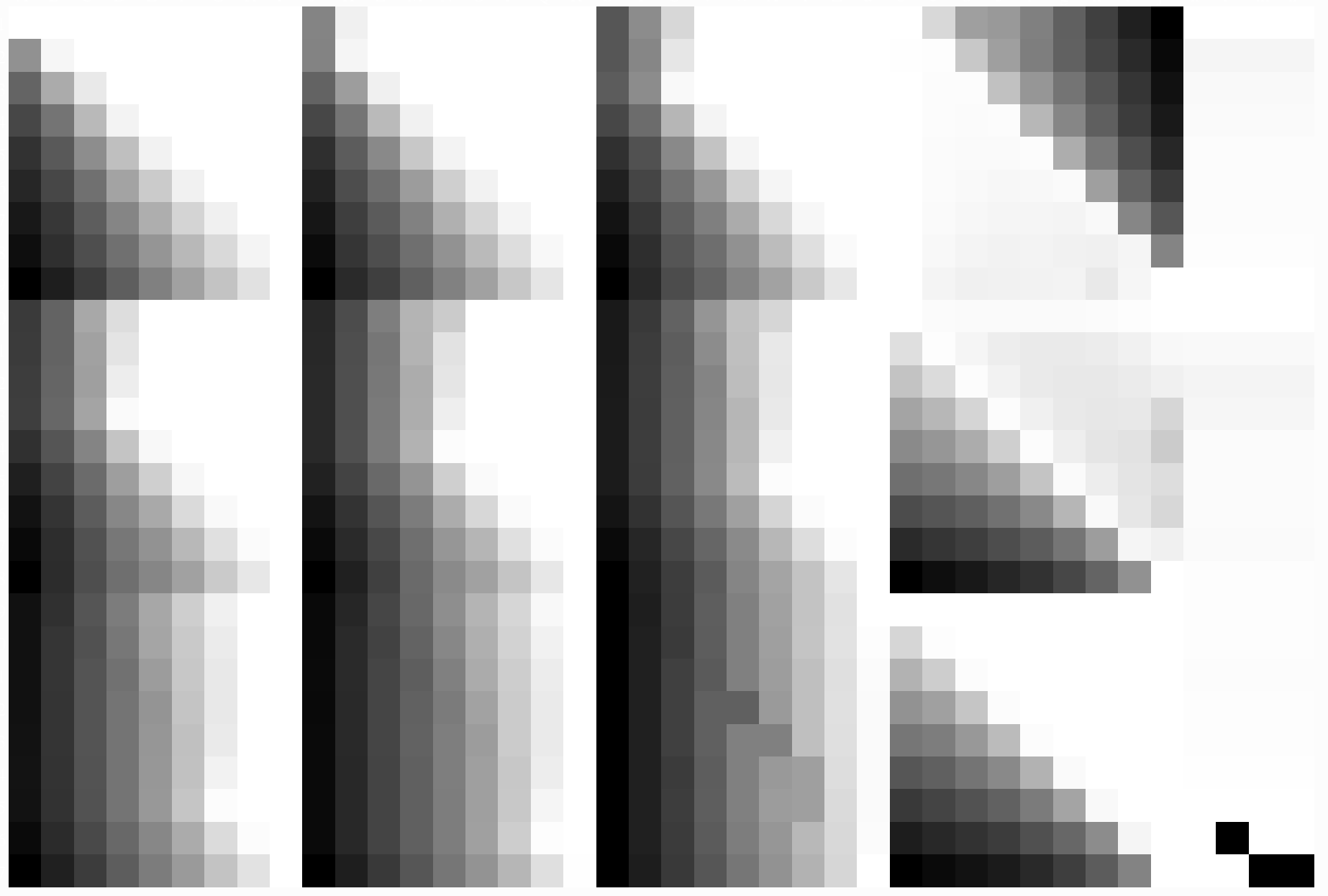


1-103230-F0



TUB registration: 20150701-RE54/RE54L0FP.PDF /.PS TUB material: code=rh4ta
application for measurement of offset print output, separation cmyk* (CMYK)

see similar files: <http://130.149.60.45/~farbmetrik/RE54/RE54.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



1-103330-L0 RE540-72

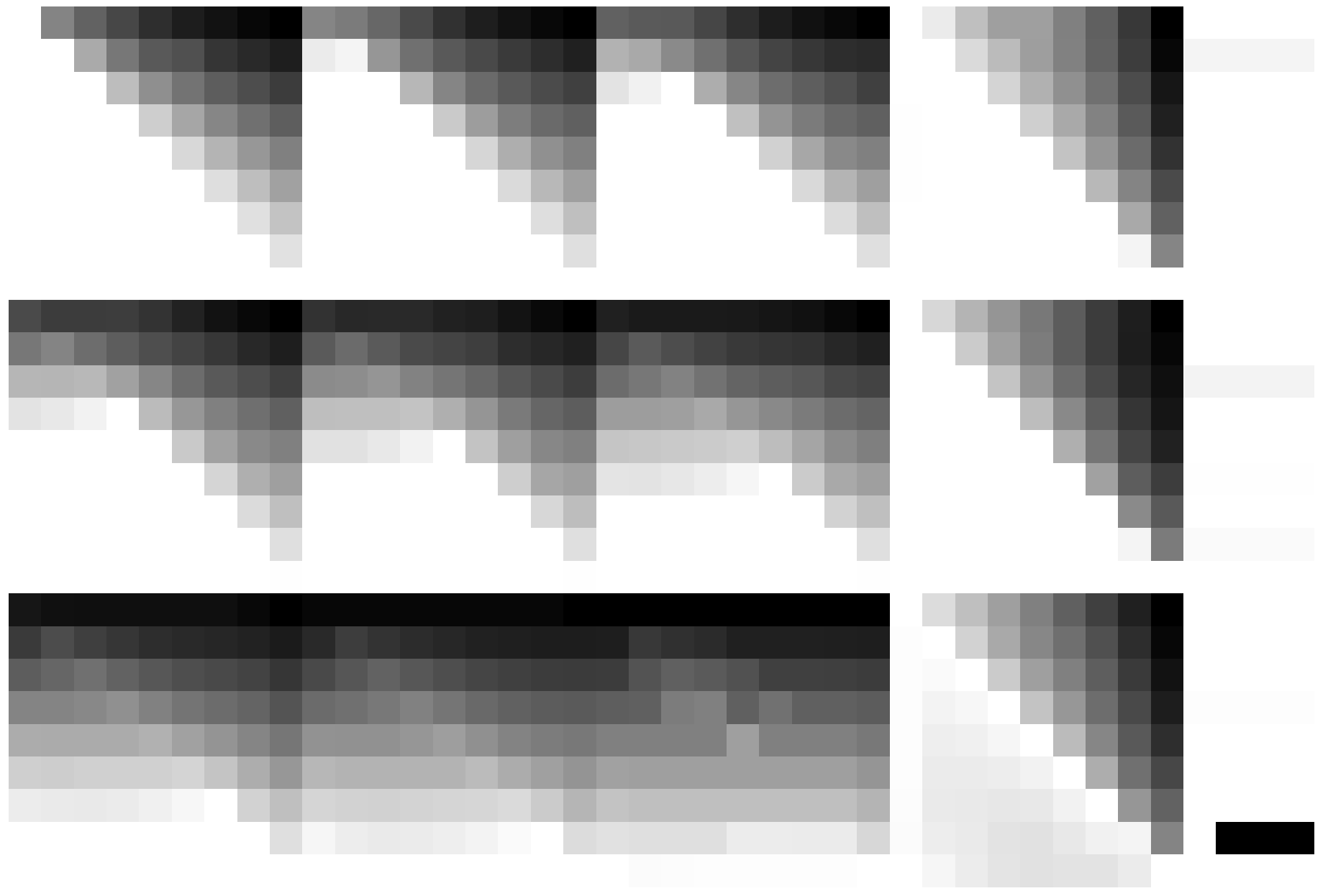
TUB-test chart RE54; 1080 standard colours
Test chart according to DIN 33872, 3D=1, de=0, cmyk*

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

1-103330-F0

see similar files: <http://130.149.60.45/~farbmetrik/RE54/RE54.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE54/RE54L0FP.PDF /.PS TUB material: code=rh4ta
application for measurement of offset print output, separation cmykn6* (CMYK)



1-103430-L0 RE540-72

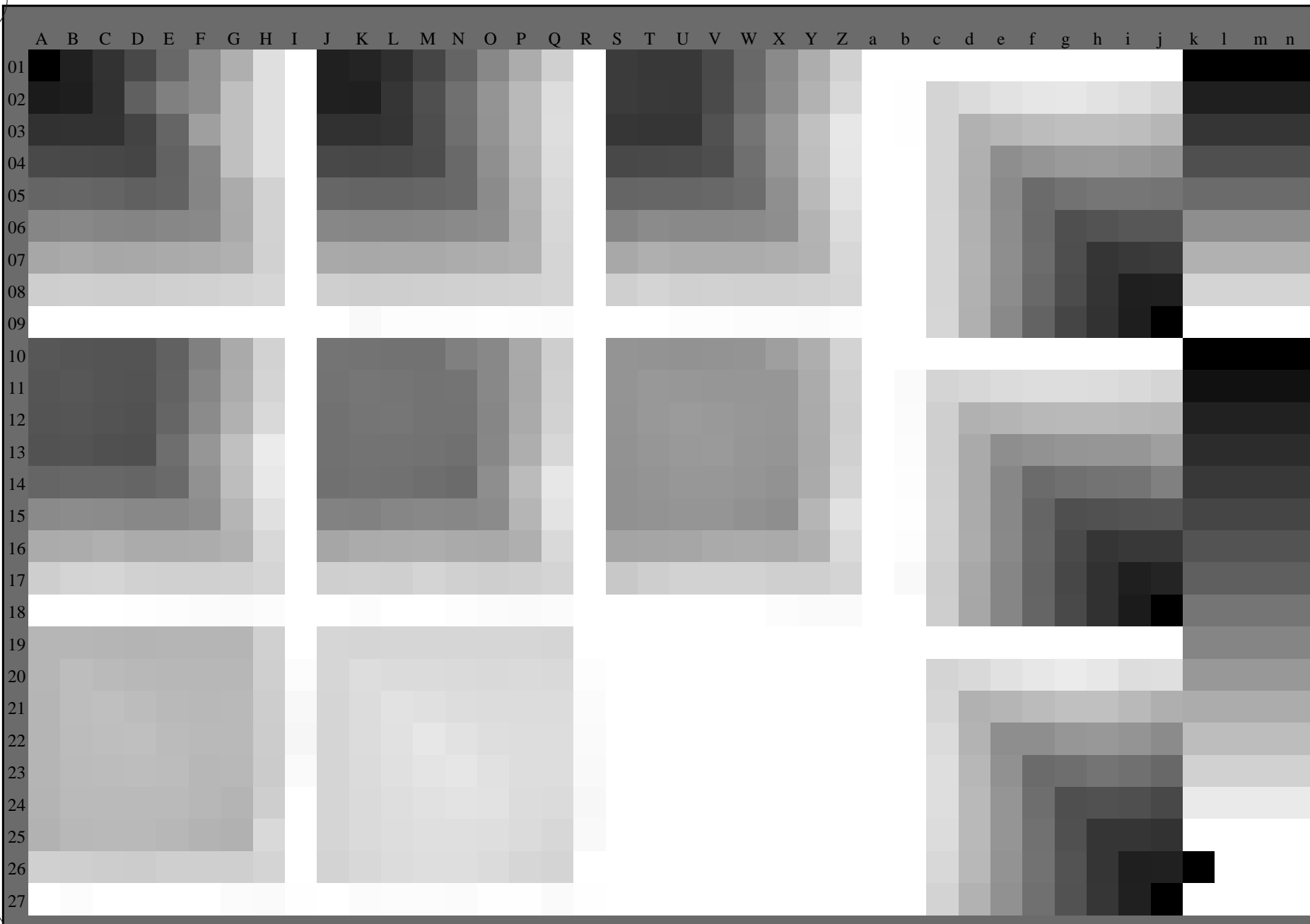
TUB-test chart RE54; 1080 standard colours
Test chart according to DIN 33872, 3D=1, de=0, cmyk*

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

1-103430-F0

see similar files: <http://130.149.60.45/~farbmetrik/RE54/RE54.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE54/RE54L0FP.PDF /.PS
application for measurement of offset print output, separation cmykn6* (CMYK)
TUB material: code=rh4ta



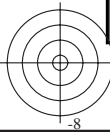
1-103530-L0 RE540-72

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

TUB-test chart RE54; 1080 standard colours
Test chart according to DIN 33872, 3D=1, de=0, cmyk*

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

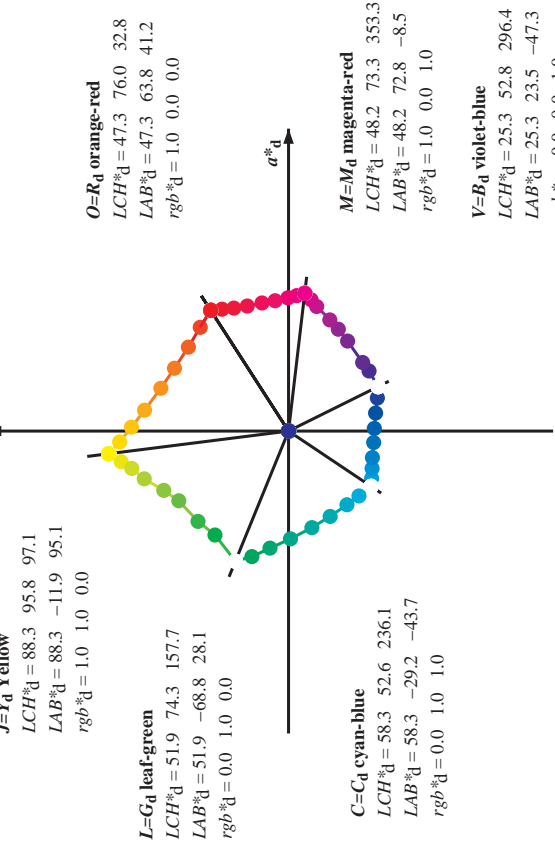
1-103530-F0



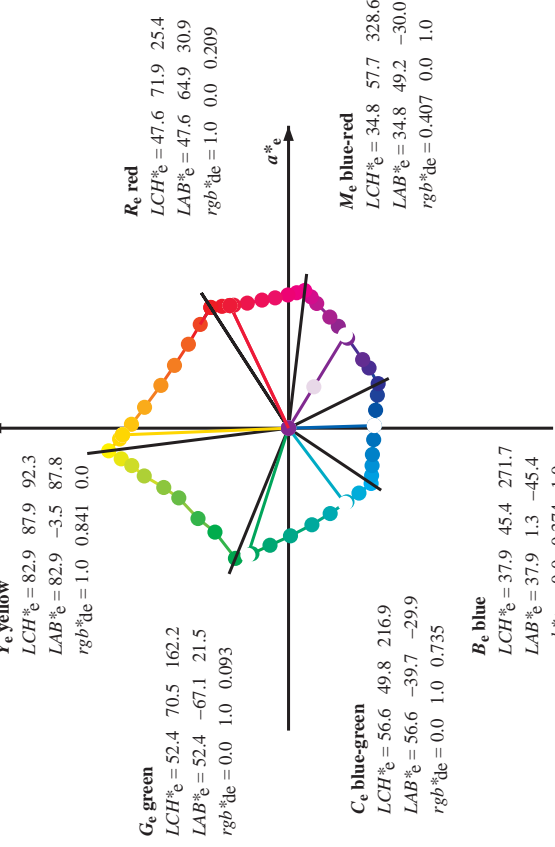
http://130.149.60.45/~farbmetrik/RE54/RE54L0FP.PDF /.PS; 3D-linearization
 F: 3D-linearization RE54/RE54L30FP.DAT in file (F), page 7/33

Data of Maximum color, M in colorimetric system Offset standard print; separation cmyk* D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_d; $h_{ab,d} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
 Six hue angles of the device colours RYGBM_d; $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$; Six hue angles of the elementary colours RYGBM_e; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

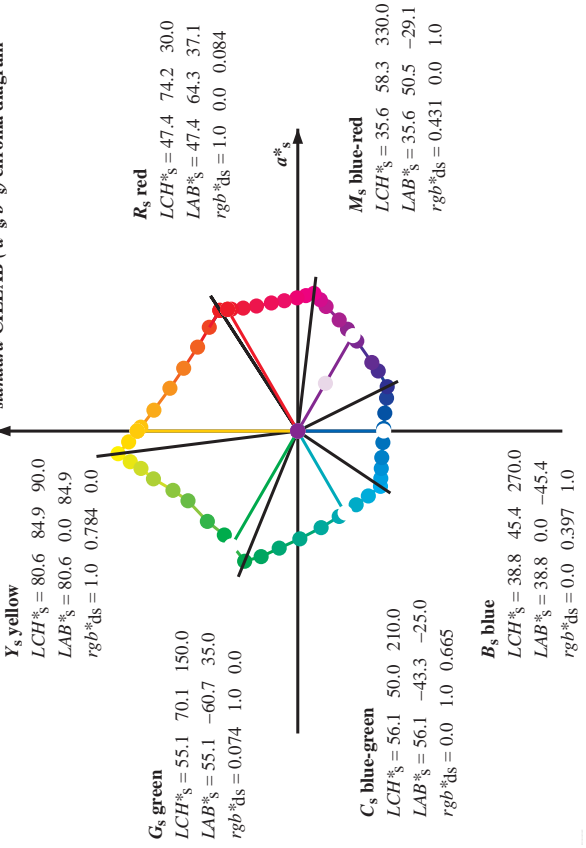
J=Y_d Yellow
 device CIELAB (a^*_d, b^*_d) chroma diagram



Y_e yellow
 elementary CIELAB (a^*_e, b^*_e) chroma diagram



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^*_s -input values the CIELAB data LCH^*_s and LAB^*_s have been calculated.
- For the calculation of the standard hue angle h_{max} use for any device values rgb^*_s the equation:
 $h_{abs} = \arctan \left[\frac{r^*_s \cos(30) + g^*_s \sin(150)}{r^*_s \sin(30) + g^*_s \sin(150)} \right] + b^*_s \sin(270)$ (1)
- For the 48 or 360 equally spaced standard hue angles h_{max} of the colours of maximum chroma use the seven hue angles of the 60 degree colours s : $h_{abs} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$ ($i=0,6$) and the equations for a 48 and 360 step hue circle:
 $h_{48abs,ij} = h_{abs,i} + j [h_{abs,i+1} - h_{abs,i}] / 8$ ($i = 0, 1, \dots, 5; j = 0, 1, \dots, 7$) (2)
 $h_{360abs,ij} = h_{abs,i} + j [h_{abs,i+1} - h_{abs,i}] / 60$ ($i = 0, 1, \dots, 5; j = 0, 1, \dots, 59$) (3)
- For the 48 or 360 elementary hue angles h_{max} of the colours of maximum chroma use the seven hue angles of the elementary colours e : $h_{abs} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$ ($i=0,6$) and the equations for a 48 and 360 step elementary hue circle:
 $h_{48abs,ej} = h_{abs,e} + j [h_{abs,e+1} - h_{abs,e}] / 8$ ($i = 0, 1, \dots, 5; j = 0, 1, \dots, 7$) (4)
 $h_{360abs,ej} = h_{abs,e} + j [h_{abs,e+1} - h_{abs,e}] / 60$ ($i = 0, 1, \dots, 5; j = 0, 1, \dots, 59$) (5)
- For any elementary hue angle h_{max} there is a well defined device hue angle h_{abs} see the following tables, columns 1 to 5 or 1 to 4.
- The values rgb^*_s produce the output of the device-independent elementary hues

LAB*_{at0}, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*_{nw}=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

TUB-test chart RE54; 1080 standard colours
 48 step hue circles; $rgb-LabCh$ *tables

input: $rgb/cmyk \rightarrow rgbdd$
 output: 3D-linearization to $cmyk^*dd$

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

http://130.149.60.45/~farbmetrik/RE54/RE54L0FP.PDF /.PS; 3D-linearization F: 3D-linearization RE54/RE54L30FP.DAT in file (F), page 8/33

Data of Maximum color, M in colorimetric system Offset standard print; separation cmyk6*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM; h_ab,ab = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours RYGBM; h_ab,d = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBM; h_ab,e = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with 10 columns: h_ab,d, h_ab,e, LAB* ddx361M, LAB* ddx361M (x=LabCh), Ygb* ddx361M, Ygb* ddx361M (x=LabCh), LAB* ddx361M, LAB* ddx361M (x=LabCh), Ygb* ddx361M, Ygb* ddx361M (x=LabCh). The table contains 360 rows of colorimetric data for various hues and angles.

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

TUB-test chart RE54; 1080 standard colours 48 step hue circles; rgb-LabCh*tables

Output: Offset standard print; separation cmyk6*; D65, page 8/33

http://130.149.60.45/~farbmetrik/RE54/RE54L0FP.PDF /.PS; 3D-linearization F: 3D-linearization RE54/RE54L30FP.DAT in file (F), page 9/33

Data of Maximum color, M in colorimetric system Offset standard print; separation cmyk6*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM; h_ab,ab = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours RYGBM; h_ab,d = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBM; h_ab,e = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with columns: h_ab,d, h_ab,s, h_ab,e, rgb*_dd64M, LAB*_dxd64M (x=LabCh), rgb*_dex36IM, LAB*_dex36IM, and a color bar with columns: rgb*_dd64M, rgb*_dex36IM, and a color bar with columns: rgb*_dd64M, rgb*_dex36IM. The table contains 388 rows of color data.

see similar files: http://130.149.60.45/~farbmetrik/RE54/RE54.HTM technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

Input: rgb/cmyk -> rgbd output: 3D-linearization to cmyk*dd

Output: Offset standard print; separation cmyk6*, D65, page 9/33

http://130.149.60.45/~farbmetrik/RE54/RE54L0FP.PDF /.PS; 3D-linearization F: 3D-linearization RE54/RE54LE30FP.DAT in file (F), page 15/33

Data of Maximum color, M in colorimetric system Offset standard print; separation cmyk6*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM; h_ab,ab = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;

Table with columns for hue angles (h_ab,d, h_ab,s, h_ab,e), device colours (RYGBM), and separation colours (RYGBM). Rows include device colour names (e.g., 281, 255, 258) and corresponding colorimetric data for various colorimetric systems (L*a*b*, L*u*v*, L*u*v*, etc.).

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

LAB*lab, YN=0%, XY Znw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*rw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0

Output: Offset standard print; separation cmyk6*; D65, page 15/33

Data of Maximum color, M in colorimetric system Offset standard print; separation cmyk6*: D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_d; h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;

h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* _{ds}	rgb* _{ds}	LAB* _s dxs361MI (x=LabCh)	rgb* _{ds}	LAB* _s dxs361MI (x=LabCh)	rgb* _{ds}	LAB* _s dex361MI (x=LabCh)	rgb* _{ds}	LAB* _s dex361MI (x=LabCh)	rgb* _{ds}	LAB* _s dex361MI (x=LabCh)	rgb* _{ds}	LAB* _s dex361MI (x=LabCh)																				
333	300	300	0.5	0.0	1.0	37.8	53.8	-26.3	59.9	333	0.043	0.0	1.0	26.7	26.5	-45.8	53.0	300	0.5	0.0	1.0	0.046	0.0	1.0	26.8	26.6	-45.7	53.0	300	0.5	0.0	1.0			
334	301	301	0.516	0.0	1.0	38.3	54.5	-25.7	60.3	334	0.056	0.0	1.0	27.1	27.3	-45.3	53.0	301	0.057	0.0	1.0	27.2	27.4	-45.3	53.0	301	0.517	0.0	1.0	0.057	0.0	1.0			
335	302	302	0.533	0.0	1.0	38.7	55.2	-25.2	60.6	335	0.068	0.0	1.0	27.5	28.1	-44.9	53.0	302	0.068	0.0	1.0	27.5	28.2	-44.8	53.0	302	0.533	0.0	1.0	0.068	0.0	1.0			
336	303	303	0.55	0.0	1.0	39.1	55.8	-24.6	61.0	336	0.08	0.0	1.0	27.9	28.9	-44.4	53.1	303	0.091	0.0	1.0	28.3	29.7	-43.9	53.1	303	0.55	0.0	1.0	0.08	0.0	1.0			
336	304	304	0.566	0.0	1.0	39.5	56.5	-24.0	61.4	336	0.092	0.0	1.0	28.3	29.7	-43.9	53.1	304	0.103	0.0	1.0	28.6	30.4	-43.5	53.1	304	0.567	0.0	1.0	0.091	0.0	1.0			
337	305	305	0.583	0.0	1.0	39.9	57.2	-23.4	61.8	337	0.104	0.0	1.0	28.7	30.5	-43.4	53.1	305	0.116	0.0	1.0	29.0	31.2	-42.9	53.1	305	0.583	0.0	1.0	0.103	0.0	1.0			
338	306	306	0.6	0.0	1.0	40.3	57.8	-22.8	62.2	338	0.116	0.0	1.0	29.0	31.2	-42.9	53.1	306	0.13	0.0	1.0	29.4	32.0	-42.4	53.2	307	0.617	0.0	1.0	0.114	0.0	1.0			
339	307	306	0.616	0.0	1.0	40.7	58.5	-22.1	62.5	339	0.151	0.0	1.0	29.8	32.8	-41.8	53.2	308	0.172	0.0	1.0	29.8	32.8	-41.8	53.2	308	0.653	0.0	1.0	0.126	0.0	1.0			
340	308	307	0.633	0.0	1.0	41.1	59.3	-21.4	63.0	340	0.172	0.0	1.0	30.2	33.5	-41.3	53.3	309	0.186	0.0	1.0	30.4	34.0	-40.9	53.3	309	0.667	0.0	1.0	0.146	0.0	1.0			
341	309	308	0.65	0.0	1.0	41.4	60.3	-20.5	63.7	341	0.193	0.0	1.0	30.6	34.3	-40.7	53.3	310	0.214	0.0	1.0	30.9	35.0	-40.2	53.3	310	0.683	0.0	1.0	0.166	0.0	1.0			
342	310	309	0.666	0.0	1.0	41.7	61.3	-19.7	64.3	342	0.214	0.0	1.0	30.9	35.0	-40.2	53.3	311	0.234	0.0	1.0	31.3	35.7	-39.6	53.4	312	0.7	0.0	1.0	0.186	0.0	1.0			
343	311	310	0.683	0.0	1.0	41.9	62.2	-18.8	65.0	343	0.252	0.0	1.0	31.6	36.5	-39.0	53.5	313	0.261	0.0	1.0	31.6	36.5	-39.0	53.5	313	0.717	0.0	1.0	0.225	0.0	1.0			
344	312	311	0.7	0.0	1.0	42.2	63.2	-17.8	65.6	344	0.261	0.0	1.0	31.8	37.3	-38.5	53.7	314	0.279	0.0	1.0	31.9	38.2	-38.1	54.0	315	0.75	0.0	1.0	0.245	0.0	1.0			
345	313	312	0.716	0.0	1.0	42.5	64.1	-16.9	66.3	345	0.279	0.0	1.0	32.1	39.0	-37.6	54.2	316	0.288	0.0	1.0	32.3	39.8	-37.1	54.5	317	0.783	0.0	1.0	0.256	0.0	1.0			
346	314	313	0.733	0.0	1.0	42.8	65.0	-15.9	66.9	346	0.324	0.0	1.0	33.1	43.9	-34.2	55.8	322	0.297	0.0	1.0	32.4	40.7	-36.5	54.7	318	0.8	0.0	1.0	0.265	0.0	1.0			
347	315	314	0.75	0.0	1.0	43.1	65.9	-14.9	67.6	347	0.342	0.0	1.0	33.2	44.7	-33.6	56.0	323	0.306	0.0	1.0	32.6	41.5	-36.0	55.0	319	0.817	0.0	1.0	0.273	0.0	1.0			
347	316	315	0.766	0.0	1.0	43.5	66.4	-14.5	68.0	347	0.351	0.0	1.0	33.4	45.5	-33.0	56.3	324	0.315	0.0	1.0	32.7	42.3	-35.4	55.2	320	0.833	0.0	1.0	0.282	0.0	1.0			
348	317	316	0.783	0.0	1.0	43.8	66.9	-14.1	68.4	348	0.359	0.0	1.0	33.5	46.3	-32.3	56.5	325	0.332	0.0	1.0	33.1	43.9	-34.2	55.8	322	0.867	0.0	1.0	0.29	0.0	1.0			
348	318	317	0.8	0.0	1.0	44.2	67.3	-13.7	68.7	348	0.368	0.0	1.0	33.7	47.1	-31.6	56.8	326	0.342	0.0	1.0	33.2	44.7	-33.6	56.0	323	0.883	0.0	1.0	0.306	0.0	1.0			
348	319	318	0.816	0.0	1.0	44.6	67.8	-13.3	69.1	348	0.379	0.0	1.0	34.0	47.9	-31.0	57.1	327	0.359	0.0	1.0	33.4	45.5	-33.0	56.3	324	0.9	0.0	1.0	0.315	0.0	1.0			
349	320	319	0.833	0.0	1.0	45.0	68.3	-12.9	69.5	349	0.384	0.0	1.0	34.3	48.3	-30.6	57.5	328	0.368	0.0	1.0	33.5	46.3	-32.3	56.5	325	0.917	0.0	1.0	0.324	0.0	1.0			
349	321	320	0.85	0.0	1.0	45.3	68.8	-12.5	69.9	349	0.397	0.0	1.0	34.5	48.7	-30.4	57.5	328	0.379	0.0	1.0	34.0	47.9	-31.0	57.1	327	0.95	0.0	1.0	0.332	0.0	1.0			
350	322	321	0.866	0.0	1.0	45.7	69.2	-12.1	70.3	350	0.414	0.0	1.0	35.1	49.6	-29.7	57.9	329	0.397	0.0	1.0	34.5	48.7	-30.4	57.5	328	0.967	0.0	1.0	0.341	0.0	1.0			
350	323	322	0.883	0.0	1.0	46.1	69.7	-11.7	70.7	350	0.432	0.0	1.0	35.7	50.5	-29.1	58.3	330	0.414	0.0	1.0	35.1	49.6	-29.7	57.9	329	0.983	0.0	1.0	0.349	0.0	1.0			
350	324	323	0.9	0.0	1.0	46.4	70.1	-11.2	71.0	350	0.449	0.0	1.0	36.2	51.4	-28.4	58.7	331	0.449	0.0	1.0	36.2	51.4	-28.4	58.7	331	1.0	0.0	0.983	0.359	0.0	1.0	0.359	0.0	1.0
351	325	324	0.916	0.0	1.0	46.7	70.6	-10.8	71.4	351	0.467	0.0	1.0	36.8	52.2	-27.7	59.1	332	0.467	0.0	1.0	36.8	52.2	-27.7	59.1	332	1.0	0.0	0.967	0.368	0.0	1.0	0.368	0.0	1.0
351	326	325	0.933	0.0	1.0	47.0	71.0	-10.3	71.8	351	0.484	0.0	1.0	37.4	53.1	-26.9	59.6	333	0.484	0.0	1.0	37.4	53.1	-26.9	59.6	333	1.0	0.0	0.95	0.379	0.0	1.0	0.379	0.0	1.0
352	327	326	0.95	0.0	1.0	47.3	71.5	-9.9	72.2	352	0.502	0.0	1.0	37.9	53.9	-26.2	60.0	334	0.502	0.0	1.0	37.9	53.9	-26.2	60.0	334	1.0	0.0	0.933	0.384	0.0	1.0	0.384	0.0	1.0
352	328	327	0.966	0.0	1.0	47.6	71.9	-9.4	72.5	352	0.524	0.0	1.0	38.5	54.8	-25.5	60.5	335	0.524	0.0	1.0	38.5	54.8	-25.5	60.5	335	1.0	0.0	0.917	0.397	0.0	1.0	0.397	0.0	1.0
352	329	328	0.983	0.0	1.0	47.9	72.4	-9.0	72.9	352	0.546	0.0	1.0	39.0	55.7	-24.7	61.0	336	0.546	0.0	1.0	39.0	55.7	-24.7	61.0	336	1.0	0.0	0.9	0.414	0.0	1.0	0.414	0.0	1.0
353	330	329	1.0	0.0	1.0	48.2	72.8	-8.5	73.3	353	0.569	0.0	1.0	39.6	56.6	-23.9	61.5	337	0.569	0.0	1.0	39.6	56.6	-23.9	61.5	337	1.0	0.0	0.883	0.432	0.0	1.0	0.432	0.0	1.0
353	331	330	1.0	0.0	0.983	48.2	72.7	-7.9	73.1	353	0.589	0.0	1.0	40.1	57.5	-23.1	62.0	338	0.589	0.0	1.0	40.1	57.5	-23.1	62.0	338	1.0	0.0	0.867	0.449	0.0	1.0	0.449	0.0	1.0
354	332	331	1.0	0.0	0.966	48.2	72.5	-7.4	72.9	354	0.611	0.0	1.0	40.7	58.3	-22.3	62.5	339	0.611	0.0	1.0	40.7	58.3	-22.3	62.5	339	1.0	0.0	0.85	0.467	0.0	1.0	0.467	0.0	1.0
354	333	332	1.0	0.0	0.95	48.2	72.4	-6.8	72.7	354	0.631	0.0	1.0	41.1	59.2	-21.5	63.0	340	0.631	0.0	1.0	41.1	59.2	-21.5	63.0	340	1.0	0.0	0.833	0.484	0.0	1.0	0.484	0.0	1.0
355	334	333	1.0	0.0	0.933	48.2	72.2	-6.2	72.5	355	0.648	0.0	1.0	41.4	60.2	-20.6	63.7	341	0.648	0.0	1.0	41.4	60.2	-20.6	63.7	341	1.0	0.0	0.817	0.502	0.0	1.0	0.502	0.0	1.0
355	335	334	1.0	0.0	0.916	48.2	72.0	-5.7	72.3	355	0.664	0.0	1.0	41.7	61.1	-19.8	64.3	342	0.664	0.0	1.0	41.7	61.1	-19.8	64.3	342	1.0	0.0	0.8	0.524	0.0	1.0	0.524	0.0	1.0
355	336	335	1.0	0.0	0.9	48.2	71.9	-5.1	72.1	355	0.68	0.0	1.0	41.9	62.1	-18.9	64.9	343	0.68	0.0	1.0	41.9	62.1	-18.9	64.9	343	1.0	0.0	0.783	0.546	0.0	1.0	0.546	0.0	1.0
356	337	336	1.0	0.0	0.883	48.2	71.7	-4.6	71.8	356	0.697	0.0	1.0	42.2	63.0	-18.0	65.6	344	0.697	0.0	1.0	42.2	63.0	-18.0	65.6	344	1.0	0.0	0.767	0.569	0.0	1.0	0.569	0.0	1.0
356	338	337	1.0	0.0	0.866	48.2	71.5	-4.0	71.7	356	0.713	0.0	1.0	42.5	64.0	-17.0	66.2	345	0.713	0.0	1.0	42.5	64.0	-17.0	66.2	345	1.0	0.0	0.75	0.589	0.0	1.0	0.589	0.0	1.0
357	339	338	1.0	0.0	0.85	48.2	71.4	-3.3	71.5	357	0.730	0.																							

http://130.149.60.45/~farbmetrik/RE54/RE54L0FP.PDF /.PS; 3D-linearization F: 3D-linearization RE54/RE54LE30FP.DAT in file (F), page 18/33

Table with columns: nrf, HHC*Fid, rgb*Fid, icr*Fid, hsa*Fid, rgb*Fid, LabC*Fid, LabC*Sep.Fid, cmyk*Sep.Fid, hsa*Fid, rgb*Fid, LabC*Fid, LabC*Sep.Fid, delta. The table contains 360 rows of color calibration data.

Mean color difference of this page:

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

TUB-test chart RE54; 1080 standard colours colors and differences, ΔE*

Table with 16 columns: n, HHC*Fid, rpb_Fid, icr_Fid, hsa_Fid, rpb*Fid, LabCm*Fid, cmyk*_sep,Fid, rpb*Fid, hsa*Fid, LabCm*Fid, delta, and 16 columns of numerical data.

Mean color difference of this page: delta

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

RE54-7N; Page 21/33-F

TUB-test chart RE54; 1080 standard colours colors and differences, ΔE*

http://130.149.60.45/~farbmetrik/RE54/RE54LOFP.PDF /.PS; 3D-linearization F: 3D-linearization RE54/RE54LE30FP.DAT in file (F), page 22/33

Table with 15 columns: n, HHC*Fid, rpb_Fid, icr_Fid, hsa_Fid, rpb*Fid, LabC*Fid, cmyk*_sep_Fid, rpb**Fid, hsa**Fid, LabC**Fid, delta. Rows 162-242.

Mean color difference of this page: delta

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

http://130.149.60.45/~farbmetrik/RE54/RE54L0FP.PDF /.PS; 3D-linearization F: 3D-linearization RE54/RE54LE30FP.DAT in file (F), page 23/33

Table with 32 columns: n, HHC*Fid, rgb*Fid, icr*Fid, hsa*Fid, rgb*Fid, LabCM*Fid, LabCM*Sep, cmyk*Sep, cmyk*Fid, LabCM*Fid, Hsa*Fid, rgb*Fid, LabCM*Fid, delta. Rows 243-323.

Mean color difference of this page: delta

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

TUB-test chart RE54; 1080 standard colours colors and differences, ΔE*

http://130.149.60.45/~farbmetrik/RE54/RE54L0FP.PDF /.PS; 3D-linearization F: 3D-linearization RE54/RE54LE30FP.DAT in file (F), page 25/33

Table with 15 columns: n, HHC*Fid, rpb*Fid, icr*Fid, hsa*Fid, rpb*Fid, LabC*Fid, cmyk*sep, cmyk*Fid, LabC*Fid, hsa*Fid, rpb*Fid, LabC*Fid, delta. Rows 405-485.

Mean color difference of this page: 0.455. Input: rgb/cmyk -> rgbd. Output: 3D-linearization to cmyk*dd.

http://130.149.60.45/~farbmetrik/RE54/RE54L0FP.PDF /.PS; 3D-linearization F: 3D-linearization RE54/RE54LE30FP.DAT in file (F), page 26/33

Table with 20 columns: n, HHC*Fid, rpb_Fid, icr_Fid, Hsa_Fid, rpb*Fid, LabCh*Fid, 30.9, 47.9, 57.0, 32.8, cmyk*_sep, rpb*_Fid, LabCh*_Fid, Hsa*_Fid, rpb*_Fid, LabCh*_Fid, 389, 47.3, 58.3, 63.8, LabCh*_Fid, 41.2, 76.0, 32.8. The table contains 566 rows of data for various color patches.

Mean color difference of this page: delta

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

TUB-test chart RE54; 1080 standard colours colors and differences, ΔE*

RE54-7N; Page 26/33-F

n	HC*Fid	rgb*Fid	icr*Fid	hsa*Fid	rgb*Fid	LabCM*Fid	cmyk*sep.Fid	rgb*Fid	hsa*Fid	LabCM*Fid	rgb*Fid	LabCM*Fid	delta
648	ROY_100_1000ad	1.0	0.0	0.0	0.0	47.3	63.8	41.2	390	0.0	0.0	47.3	63.8
649	R3Y_100_1000ad	1.0	0.0	0.0	0.0	116	47.4	35.5	383	0.0	0.0	116	47.4
650	R2Y_100_1000ad	1.0	0.0	0.0	0.0	236	47.6	65.0	377	0.0	0.0	236	47.6
651	R1Y_100_1000ad	1.0	0.0	0.0	0.0	366	47.7	66.1	368	0.0	0.0	366	47.7
652	B6R_100_1000ad	1.0	0.0	0.0	0.0	5.5	6.6	69.1	351	0.0	0.0	5.5	6.6
653	B5R_100_1000ad	1.0	0.0	0.0	0.0	6.6	6.6	69.1	342	0.0	0.0	6.6	6.6
654	B4R_100_1000ad	1.0	0.0	0.0	0.0	7.7	7.7	69.1	336	0.0	0.0	7.7	7.7
655	B3R_100_1000ad	1.0	0.0	0.0	0.0	8.8	8.8	72.8	330	0.0	0.0	8.8	8.8
656	B2R_100_1000ad	1.0	0.0	0.0	0.0	9.9	9.9	72.8	36	0.0	0.0	9.9	9.9
657	R1Y_100_1000ad	1.0	0.0	0.0	0.0	116	47.7	66.1	389	0.0	0.0	116	47.7
658	ROY_100_087ad	1.0	0.125	0.125	0.125	53.3	55.8	36.0	382	0.0	0.0	53.3	55.8
659	R3Y_100_087ad	1.0	0.125	0.125	0.125	124	56.4	30.4	389	0.0	0.0	124	56.4
660	R2Y_100_087ad	1.0	0.125	0.125	0.125	244	57.1	24.4	375	0.0	0.0	244	57.1
661	R1Y_100_087ad	1.0	0.125	0.125	0.125	366	58.4	16.8	365	0.0	0.0	366	58.4
662	B6R_100_087ad	1.0	0.125	0.125	0.125	6.6	6.6	16.0	354	0.0	0.0	6.6	6.6
663	B5R_100_087ad	1.0	0.125	0.125	0.125	7.7	7.7	16.0	344	0.0	0.0	7.7	7.7
664	B4R_100_087ad	1.0	0.125	0.125	0.125	8.8	8.8	16.0	330	0.0	0.0	8.8	8.8
665	B3R_100_087ad	1.0	0.125	0.125	0.125	9.9	9.9	16.0	330	0.0	0.0	9.9	9.9
666	R1Y_100_087ad	1.0	0.125	0.125	0.125	116	47.7	66.1	389	0.0	0.0	116	47.7
667	R3Y_100_087ad	1.0	0.25	0.25	0.25	116	47.7	66.1	42	0.0	0.0	116	47.7
668	R2Y_100_087ad	1.0	0.25	0.25	0.25	236	47.8	65.0	389	0.0	0.0	236	47.8
669	R1Y_100_087ad	1.0	0.25	0.25	0.25	366	47.9	66.1	382	0.0	0.0	366	47.9
670	B6R_100_075ad	1.0	0.25	0.25	0.25	6.6	6.6	20.9	371	0.0	0.0	6.6	6.6
671	B5R_100_075ad	1.0	0.25	0.25	0.25	7.7	7.7	20.9	360	0.0	0.0	7.7	7.7
672	B4R_100_075ad	1.0	0.25	0.25	0.25	8.8	8.8	20.9	348	0.0	0.0	8.8	8.8
673	B3R_100_075ad	1.0	0.25	0.25	0.25	9.9	9.9	20.9	330	0.0	0.0	9.9	9.9
674	R1Y_100_075ad	1.0	0.25	0.25	0.25	116	47.7	66.1	371	0.0	0.0	116	47.7
675	R3Y_100_075ad	1.0	0.5	0.5	0.5	116	47.7	66.1	51	0.0	0.0	116	47.7
676	R2Y_100_075ad	1.0	0.5	0.5	0.5	236	47.8	65.0	51	0.0	0.0	236	47.8
677	R1Y_100_075ad	1.0	0.5	0.5	0.5	366	47.9	66.1	389	0.0	0.0	366	47.9
678	ROY_100_062ad	1.0	0.375	0.375	0.375	63.8	66.1	42.3	377	0.0	0.0	63.8	66.1
679	R3Y_100_062ad	1.0	0.375	0.375	0.375	124	65.4	26.4	380	0.0	0.0	124	65.4
680	R2Y_100_062ad	1.0	0.375	0.375	0.375	244	65.5	26.4	367	0.0	0.0	244	65.5
681	R1Y_100_062ad	1.0	0.375	0.375	0.375	366	65.6	26.4	352	0.0	0.0	366	65.6
682	B6R_100_062ad	1.0	0.375	0.375	0.375	6.6	6.6	17.8	339	0.0	0.0	6.6	6.6
683	B5R_100_062ad	1.0	0.375	0.375	0.375	7.7	7.7	17.8	330	0.0	0.0	7.7	7.7
684	B4R_100_062ad	1.0	0.375	0.375	0.375	8.8	8.8	17.8	319	0.0	0.0	8.8	8.8
685	B3R_100_062ad	1.0	0.375	0.375	0.375	9.9	9.9	17.8	309	0.0	0.0	9.9	9.9
686	R1Y_100_050ad	1.0	0.5	0.5	0.5	116	47.7	66.1	59	0.0	0.0	116	47.7
687	R3Y_100_050ad	1.0	0.5	0.5	0.5	236	47.8	65.0	54	0.0	0.0	236	47.8
688	R2Y_100_050ad	1.0	0.5	0.5	0.5	366	47.9	66.1	389	0.0	0.0	366	47.9
689	ROY_100_050ad	1.0	0.5	0.5	0.5	116	47.7	66.1	59	0.0	0.0	116	47.7
690	B6R_100_050ad	1.0	0.5	0.5	0.5	6.6	6.6	17.8	342	0.0	0.0	6.6	6.6
691	B5R_100_050ad	1.0	0.5	0.5	0.5	7.7	7.7	17.8	330	0.0	0.0	7.7	7.7
692	B4R_100_050ad	1.0	0.5	0.5	0.5	8.8	8.8	17.8	319	0.0	0.0	8.8	8.8
693	B3R_100_050ad	1.0	0.5	0.5	0.5	9.9	9.9	17.8	309	0.0	0.0	9.9	9.9
694	R1Y_100_037ad	1.0	0.625	0.625	0.625	116	47.7	66.1	68	0.0	0.0	116	47.7
695	R3Y_100_037ad	1.0	0.625	0.625	0.625	236	47.8	65.0	68	0.0	0.0	236	47.8
696	R2Y_100_037ad	1.0	0.625	0.625	0.625	366	47.9	66.1	59	0.0	0.0	366	47.9
697	ROY_100_037ad	1.0	0.625	0.625	0.625	116	47.7	66.1	68	0.0	0.0	116	47.7
698	B6R_100_037ad	1.0	0.625	0.625	0.625	6.6	6.6	17.8	52	0.0	0.0	6.6	6.6
699	B5R_100_037ad	1.0	0.625	0.625	0.625	7.7	7.7	17.8	52	0.0	0.0	7.7	7.7
700	B4R_100_037ad	1.0	0.625	0.625	0.625	8.8	8.8	17.8	52	0.0	0.0	8.8	8.8
701	B3R_100_037ad	1.0	0.625	0.625	0.625	9.9	9.9	17.8	52	0.0	0.0	9.9	9.9
702	R1Y_100_025ad	1.0	0.75	0.75	0.75	116	47.7	66.1	70	0.0	0.0	116	47.7
703	R3Y_100_025ad	1.0	0.75	0.75	0.75	236	47.8	65.0	70	0.0	0.0	236	47.8
704	R2Y_100_025ad	1.0	0.75	0.75	0.75	366	47.9	66.1	68	0.0	0.0	366	47.9
705	ROY_100_025ad	1.0	0.75	0.75	0.75	116	47.7	66.1	70	0.0	0.0	116	47.7
706	B6R_100_025ad	1.0	0.75	0.75	0.75	6.6	6.6	17.8	70	0.0	0.0	6.6	6.6
707	B5R_100_025ad	1.0	0.75	0.75	0.75	7.7	7.7	17.8	68	0.0	0.0	7.7	7.7
708	B4R_100_025ad	1.0	0.75	0.75	0.75	8.8	8.8	17.8	68	0.0	0.0	8.8	8.8
709	B3R_100_025ad	1.0	0.75	0.75	0.75	9.9	9.9	17.8	68	0.0	0.0	9.9	9.9
710	R1Y_100_012ad	1.0	0.875	0.875	0.875	116	47.7	66.1	83	0.0	0.0	116	47.7
711	R3Y_100_012ad	1.0	0.875	0.875	0.875	236	47.8	65.0	82	0.0	0.0	236	47.8
712	R2Y_100_012ad	1.0	0.875	0.875	0.875	366	47.9	66.1	81	0.0	0.0	366	47.9
713	ROY_100_012ad	1.0	0.875	0.875	0.875	116	47.7	66.1	83	0.0	0.0	116	47.7
714	B6R_100_012ad	1.0	0.875	0.875	0.875	6.6	6.6	17.8	82	0.0	0.0	6.6	6.6
715	B5R_100_012ad	1.0	0.875	0.875	0.875	7.7	7.7	17.8	81	0.0	0.0	7.7	7.7
716	B4R_100_012ad	1.0	0.875	0.875	0.875	8.8	8.8	17.8	81	0.0	0.0	8.8	8.8
717	B3R_100_012ad	1.0	0.875	0.875	0.875	9.9	9.9	17.8	81	0.0	0.0	9.9	9.9
718	ROY_100_012ad	1.0	0.875	0.875	0.875	116	47.7	66.1	83	0.0	0.0	116	47.7
719	B6R_100_012ad	1.0	0.875	0.875	0.875	6.6	6.6	17.8	83	0.0	0.0	6.6	6.6
720	B5R_100_012ad	1.0	0.875	0.875	0.875	7.7	7.7	17.8	82	0.0	0.0	7.7	7.7
721	B4R_100_012ad	1.0	0.875	0.875	0.875	8.8	8.8	17.8	82	0.0	0.0	8.8	8.8
722	B3R_100_012ad	1.0	0.875	0.875	0.875	9.9	9.9	17.8	82	0.0	0.0	9.9	9.9
723	ROY_100_012ad	1.0	0.875	0.875	0.875	116	47.7	66.1	83	0.0	0.0	116	47.7
724	B6R_100_012ad	1.0	0.875	0.875	0.875	6.6	6.6	17.8	83	0.0	0.0	6.6	6.6
725	B5R_100_012ad	1.0	0.875	0.875	0.875	7.7	7.7	17.8	83	0.0	0.0	7.7	7.7
726	B4R_100_012ad	1.0	0.875	0.875	0.875	8.8	8.8	17.8	83	0.0	0.0	8.8	8.8
727	B3R_100_012ad	1.0	0.875	0.875	0.875	9.9	9.9	17.8	83	0.0	0.0	9.9	9.9
728	NW_100ad	1.0	1.0	1.0	1.0	95.4	0.0	0.0	360	0.0	0.0	95.4	0.0

Mean color difference of this page: delta

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

RE54-10-TN, Page 28/33-F
TUB-test chart RE54; 1080 standard colours
colors and differences, ΔE*

http://130.149.60.45/~farbmetrik/RE54/RE54L0FP.PDF /.PS; 3D-linearization F: 3D-linearization RE54/RE54LE30FP.DAT in file (F), page 29/33

Table with columns: n, HC*Fwd, rpb_Fwd, iet_Fwd, ihs_Fwd, rpb_Fwd, LabC*Fwd, LabC*Mid, LabC*Rev, cmyk*_sep_Fwd, delta, rpb*_Mid, ihs*_Mid, rpb*_Mid, LabC*_Mid, LabC*_Rev, mean color difference of this page. Rows include color names like NV_1000, G50B_100,012,ad, etc.

TUB-test chart RE54; 1080 standard colours colors and differences, AE*
input: rgb/cmyk -> rgbdd output: 3D-linearization to cmyk*dd

http://130.149.60.45/~farbmetrik/RE54/RE54L0FP.PDF /.PS; 3D-linearization F: 3D-linearization RE54/RE54LE30FP.DAT in file (F), page 30/33

Table with 15 columns: n, H#C*Fad, rpb*Fad, icr*Fad, hsa*Fad, rpb*Fad, LabC*Fad, LabC*Fad, cmyk*sep,Fad, cmyk*sep,Fad, rpb*Fad, hsa*Fad, LabC*Fad, LabC*Fad, delta. Rows 810-890.

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

TUB-test chart RE54; 1080 standard colours colors and differences, ΔE*

n	HC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabCM*Fid	cmyk*_sep_Fid	hsa_Mid	rgb*Mid	LabCM*Mid	delta
972	NW_0000ad	0.00	0.00	0.00	0.00	0.00	0.00	360	1.0	1.0	0.0
973	NW_0120ad	0.125	0.125	0.125	0.125	17.7	0.00	360	1.0	1.0	95.4
974	NW_0240ad	0.25	0.25	0.25	0.25	35.4	0.00	360	1.0	1.0	95.4
975	NW_0360ad	0.375	0.375	0.375	0.375	53.1	0.00	360	1.0	1.0	95.4
976	NW_0480ad	0.5	0.5	0.5	0.5	70.8	0.00	360	1.0	1.0	95.4
977	NW_0600ad	0.625	0.625	0.625	0.625	88.5	0.00	360	1.0	1.0	95.4
978	NW_0720ad	0.75	0.75	0.75	0.75	106.2	0.00	360	1.0	1.0	95.4
979	NW_0840ad	0.875	0.875	0.875	0.875	123.9	0.00	360	1.0	1.0	95.4
980	NW_1000ad	1.0	1.0	1.0	1.0	141.6	0.00	360	1.0	1.0	95.4
981	NW_0000ad	0.00	0.00	0.00	0.00	17.7	0.00	360	1.0	1.0	95.4
982	NW_0120ad	0.125	0.125	0.125	0.125	35.4	0.00	360	1.0	1.0	95.4
983	NW_0240ad	0.25	0.25	0.25	0.25	53.1	0.00	360	1.0	1.0	95.4
984	NW_0360ad	0.375	0.375	0.375	0.375	70.8	0.00	360	1.0	1.0	95.4
985	NW_0480ad	0.5	0.5	0.5	0.5	88.5	0.00	360	1.0	1.0	95.4
986	NW_0600ad	0.625	0.625	0.625	0.625	106.2	0.00	360	1.0	1.0	95.4
987	NW_0720ad	0.75	0.75	0.75	0.75	123.9	0.00	360	1.0	1.0	95.4
988	NW_0840ad	0.875	0.875	0.875	0.875	141.6	0.00	360	1.0	1.0	95.4
989	NW_1000ad	1.0	1.0	1.0	1.0	159.3	0.00	360	1.0	1.0	95.4
990	NW_0000ad	0.00	0.00	0.00	0.00	17.7	0.00	360	1.0	1.0	95.4
991	NW_0120ad	0.125	0.125	0.125	0.125	35.4	0.00	360	1.0	1.0	95.4
992	NW_0240ad	0.25	0.25	0.25	0.25	53.1	0.00	360	1.0	1.0	95.4
993	NW_0360ad	0.375	0.375	0.375	0.375	70.8	0.00	360	1.0	1.0	95.4
994	NW_0480ad	0.5	0.5	0.5	0.5	88.5	0.00	360	1.0	1.0	95.4
995	NW_0600ad	0.625	0.625	0.625	0.625	106.2	0.00	360	1.0	1.0	95.4
996	NW_0720ad	0.75	0.75	0.75	0.75	123.9	0.00	360	1.0	1.0	95.4
997	NW_0840ad	0.875	0.875	0.875	0.875	141.6	0.00	360	1.0	1.0	95.4
998	NW_1000ad	1.0	1.0	1.0	1.0	159.3	0.00	360	1.0	1.0	95.4
999	NW_0000ad	0.00	0.00	0.00	0.00	17.7	0.00	360	1.0	1.0	95.4
1000	NW_0120ad	0.125	0.125	0.125	0.125	35.4	0.00	360	1.0	1.0	95.4
1001	NW_0240ad	0.25	0.25	0.25	0.25	53.1	0.00	360	1.0	1.0	95.4
1002	NW_0360ad	0.375	0.375	0.375	0.375	70.8	0.00	360	1.0	1.0	95.4
1003	NW_0480ad	0.5	0.5	0.5	0.5	88.5	0.00	360	1.0	1.0	95.4
1004	NW_0600ad	0.625	0.625	0.625	0.625	106.2	0.00	360	1.0	1.0	95.4
1005	NW_0720ad	0.75	0.75	0.75	0.75	123.9	0.00	360	1.0	1.0	95.4
1006	NW_0840ad	0.875	0.875	0.875	0.875	141.6	0.00	360	1.0	1.0	95.4
1007	NW_1000ad	1.0	1.0	1.0	1.0	159.3	0.00	360	1.0	1.0	95.4
1008	NW_0000ad	0.00	0.00	0.00	0.00	17.7	0.00	360	1.0	1.0	95.4
1009	NW_0120ad	0.125	0.125	0.125	0.125	35.4	0.00	360	1.0	1.0	95.4
1010	NW_0240ad	0.25	0.25	0.25	0.25	53.1	0.00	360	1.0	1.0	95.4
1011	NW_0360ad	0.375	0.375	0.375	0.375	70.8	0.00	360	1.0	1.0	95.4
1012	NW_0480ad	0.5	0.5	0.5	0.5	88.5	0.00	360	1.0	1.0	95.4
1013	NW_0600ad	0.625	0.625	0.625	0.625	106.2	0.00	360	1.0	1.0	95.4
1014	NW_0720ad	0.75	0.75	0.75	0.75	123.9	0.00	360	1.0	1.0	95.4
1015	NW_0840ad	0.875	0.875	0.875	0.875	141.6	0.00	360	1.0	1.0	95.4
1016	NW_1000ad	1.0	1.0	1.0	1.0	159.3	0.00	360	1.0	1.0	95.4
1017	NW_0000ad	0.00	0.00	0.00	0.00	17.7	0.00	360	1.0	1.0	95.4
1018	NW_0120ad	0.125	0.125	0.125	0.125	35.4	0.00	360	1.0	1.0	95.4
1019	NW_0240ad	0.25	0.25	0.25	0.25	53.1	0.00	360	1.0	1.0	95.4
1020	NW_0360ad	0.375	0.375	0.375	0.375	70.8	0.00	360	1.0	1.0	95.4
1021	NW_0480ad	0.5	0.5	0.5	0.5	88.5	0.00	360	1.0	1.0	95.4
1022	NW_0600ad	0.625	0.625	0.625	0.625	106.2	0.00	360	1.0	1.0	95.4
1023	NW_0720ad	0.75	0.75	0.75	0.75	123.9	0.00	360	1.0	1.0	95.4
1024	NW_0840ad	0.875	0.875	0.875	0.875	141.6	0.00	360	1.0	1.0	95.4
1025	NW_1000ad	1.0	1.0	1.0	1.0	159.3	0.00	360	1.0	1.0	95.4
1026	NW_0000ad	0.00	0.00	0.00	0.00	17.7	0.00	360	1.0	1.0	95.4
1027	NW_0120ad	0.125	0.125	0.125	0.125	35.4	0.00	360	1.0	1.0	95.4
1028	NW_0240ad	0.25	0.25	0.25	0.25	53.1	0.00	360	1.0	1.0	95.4
1029	NW_0360ad	0.375	0.375	0.375	0.375	70.8	0.00	360	1.0	1.0	95.4
1030	NW_0480ad	0.5	0.5	0.5	0.5	88.5	0.00	360	1.0	1.0	95.4
1031	NW_0600ad	0.625	0.625	0.625	0.625	106.2	0.00	360	1.0	1.0	95.4
1032	NW_0720ad	0.75	0.75	0.75	0.75	123.9	0.00	360	1.0	1.0	95.4
1033	NW_0840ad	0.875	0.875	0.875	0.875	141.6	0.00	360	1.0	1.0	95.4
1034	NW_1000ad	1.0	1.0	1.0	1.0	159.3	0.00	360	1.0	1.0	95.4
1035	NW_0000ad	0.00	0.00	0.00	0.00	17.7	0.00	360	1.0	1.0	95.4
1036	NW_0120ad	0.125	0.125	0.125	0.125	35.4	0.00	360	1.0	1.0	95.4
1037	NW_0240ad	0.25	0.25	0.25	0.25	53.1	0.00	360	1.0	1.0	95.4
1038	NW_0360ad	0.375	0.375	0.375	0.375	70.8	0.00	360	1.0	1.0	95.4
1039	NW_0480ad	0.5	0.5	0.5	0.5	88.5	0.00	360	1.0	1.0	95.4
1040	NW_0600ad	0.625	0.625	0.625	0.625	106.2	0.00	360	1.0	1.0	95.4
1041	NW_0720ad	0.75	0.75	0.75	0.75	123.9	0.00	360	1.0	1.0	95.4
1042	NW_0840ad	0.875	0.875	0.875	0.875	141.6	0.00	360	1.0	1.0	95.4
1043	NW_1000ad	1.0	1.0	1.0	1.0	159.3	0.00	360	1.0	1.0	95.4
1044	NW_0000ad	0.00	0.00	0.00	0.00	17.7	0.00	360	1.0	1.0	95.4
1045	NW_0120ad	0.125	0.125	0.125	0.125	35.4	0.00	360	1.0	1.0	95.4
1046	NW_0240ad	0.25	0.25	0.25	0.25	53.1	0.00	360	1.0	1.0	95.4
1047	NW_0360ad	0.375	0.375	0.375	0.375	70.8	0.00	360	1.0	1.0	95.4
1048	NW_0480ad	0.5	0.5	0.5	0.5	88.5	0.00	360	1.0	1.0	95.4
1049	NW_0600ad	0.625	0.625	0.625	0.625	106.2	0.00	360	1.0	1.0	95.4
1050	NW_0720ad	0.75	0.75	0.75	0.75	123.9	0.00	360	1.0	1.0	95.4
1051	NW_0840ad	0.875	0.875	0.875	0.875	141.6	0.00	360	1.0	1.0	95.4
1052	NW_1000ad	1.0	1.0	1.0	1.0	159.3	0.00	360	1.0	1.0	95.4

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

TUB-test chart RE54; 1080 standard colours
colors and differences, ΔE^*

http://130.149.60.45/~farbmetrik/RE54/RE54L0FP.PDF /.PS; 3D-linearization
 F: 3D-linearization RE54/RE54LE30FP.DAT in file (F), page 33/33

n	HC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabC*Fid	0	cmyp*_sep_Fid	0.007	0.0	0.179	LabC*Fid	rgb*Fid	hsa_Fid	LabC*Fid	0.0	0.0
1053	NW_0860ad	0.866	0.866	0.866	0.866	85.0	0.0	0.024	0.007	0.0	0.179	95.4	360	95.4	0.0	0.0	
1054	NW_0970ad	0.933	0.933	0.933	0.933	90.2	0.0	0.02	0.005	0.0	0.084	95.4	360	95.4	0.0	0.0	
1055	NW_1000ad	1.0	1.0	1.0	1.0	17.7	0.0	0.0	0.0	0.0	1.0	95.4	360	95.4	0.0	0.0	
1056	NW_0060ad	0.066	0.066	0.066	0.066	22.8	0.0	0.0	0.0	0.0	0.0	95.4	360	95.4	0.0	0.0	
1057	NW_0060ad	0.066	0.066	0.066	0.066	22.8	0.0	0.139	0.022	0.0	0.933	95.4	360	95.4	0.0	0.0	
1058	NW_0130ad	0.133	0.133	0.133	0.133	33.2	0.0	0.0	0.043	0.048	0.871	95.4	360	95.4	0.0	0.0	
1059	NW_0260ad	0.266	0.266	0.266	0.266	43.6	0.0	0.0	0.057	0.0	0.825	95.4	360	95.4	0.0	0.0	
1060	NW_0260ad	0.266	0.266	0.266	0.266	43.6	0.0	0.0	0.013	0.0	0.781	95.4	360	95.4	0.0	0.0	
1061	NW_0330ad	0.333	0.333	0.333	0.333	48.8	0.0	0.0	0.016	0.005	0.731	95.4	360	95.4	0.0	0.0	
1062	NW_0400ad	0.4	0.4	0.4	0.4	59.1	0.0	0.0	0.019	0.018	0.628	95.4	360	95.4	0.0	0.0	
1063	NW_0460ad	0.466	0.466	0.466	0.466	53.9	0.0	0.0	0.021	0.0	0.541	95.4	360	95.4	0.0	0.0	
1064	NW_0530ad	0.533	0.533	0.533	0.533	64.3	0.0	0.0	0.006	0.0	0.478	95.4	360	95.4	0.0	0.0	
1065	NW_0600ad	0.6	0.6	0.6	0.6	69.5	0.0	0.0	0.006	0.0	0.405	95.4	360	95.4	0.0	0.0	
1066	NW_0660ad	0.666	0.666	0.666	0.666	74.7	0.0	0.0	0.021	0.011	0.322	95.4	360	95.4	0.0	0.0	
1067	NW_0730ad	0.734	0.734	0.734	0.734	79.9	0.0	0.0	0.007	0.005	0.26	95.4	360	95.4	0.0	0.0	
1068	NW_0800ad	0.8	0.8	0.8	0.8	85.0	0.0	0.024	0.005	0.0	0.179	95.4	360	95.4	0.0	0.0	
1069	NW_0860ad	0.866	0.866	0.866	0.866	85.0	0.0	0.0	0.024	0.005	0.0	95.4	360	95.4	0.0	0.0	
1070	NW_0930ad	0.933	0.933	0.933	0.933	90.2	0.0	0.0	0.005	0.0	0.084	95.4	360	95.4	0.0	0.0	
1071	NW_1000ad	1.0	1.0	1.0	1.0	17.7	0.0	0.0	0.0	0.0	1.0	95.4	360	95.4	0.0	0.0	
1072	NW_1000ad	1.0	1.0	1.0	1.0	17.7	0.0	0.0	0.0	0.0	1.0	95.4	360	95.4	0.0	0.0	
1073	ROY_100_100ad	1.0	1.0	1.0	1.0	47.4	0.0	0.0	0.0	0.0	0.0	95.4	360	95.4	0.0	0.0	
1074	ROY_100_100ad	1.0	1.0	1.0	1.0	47.4	0.0	0.0	0.0	0.0	0.0	95.4	360	95.4	0.0	0.0	
1075	GS0B_100_100ad	0.0	0.0	0.0	0.0	63.8	41.2	0.0	0.0	0.0	0.0	41.2	63.8	41.2	66.0	32.8	
1076	Y06C_100_100ad	0.0	0.0	0.0	0.0	58.3	-29.2	52.6	0.999	0.0	0.0	38.3	210	38.3	-29.2	43.7	
1077	B06C_100_100ad	0.0	0.0	0.0	0.0	58.3	-11.9	95.1	0.0	0.0	0.0	88.3	210	88.3	-11.9	95.8	
1078	B06C_100_100ad	0.0	0.0	0.0	0.0	52.3	47.3	52.8	0.0	0.0	0.0	25.3	270	25.3	47.3	52.8	
1079	B50R_100_100ad	0.0	0.0	0.0	0.0	58.2	28.1	74.3	0.999	0.0	0.0	28.1	58.2	28.1	74.3	57.7	
1079	B50R_100_100ad	1.0	0.0	1.0	1.0	48.2	-8.3	75.3	0.0	0.0	0.0	48.2	330	48.2	-8.3	75.3	

Mean color difference of this page: delta

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

TUB-test chart RE54; 1080 standard colours
 colors and differences, ΔE*_a