

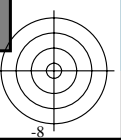
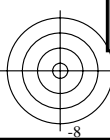
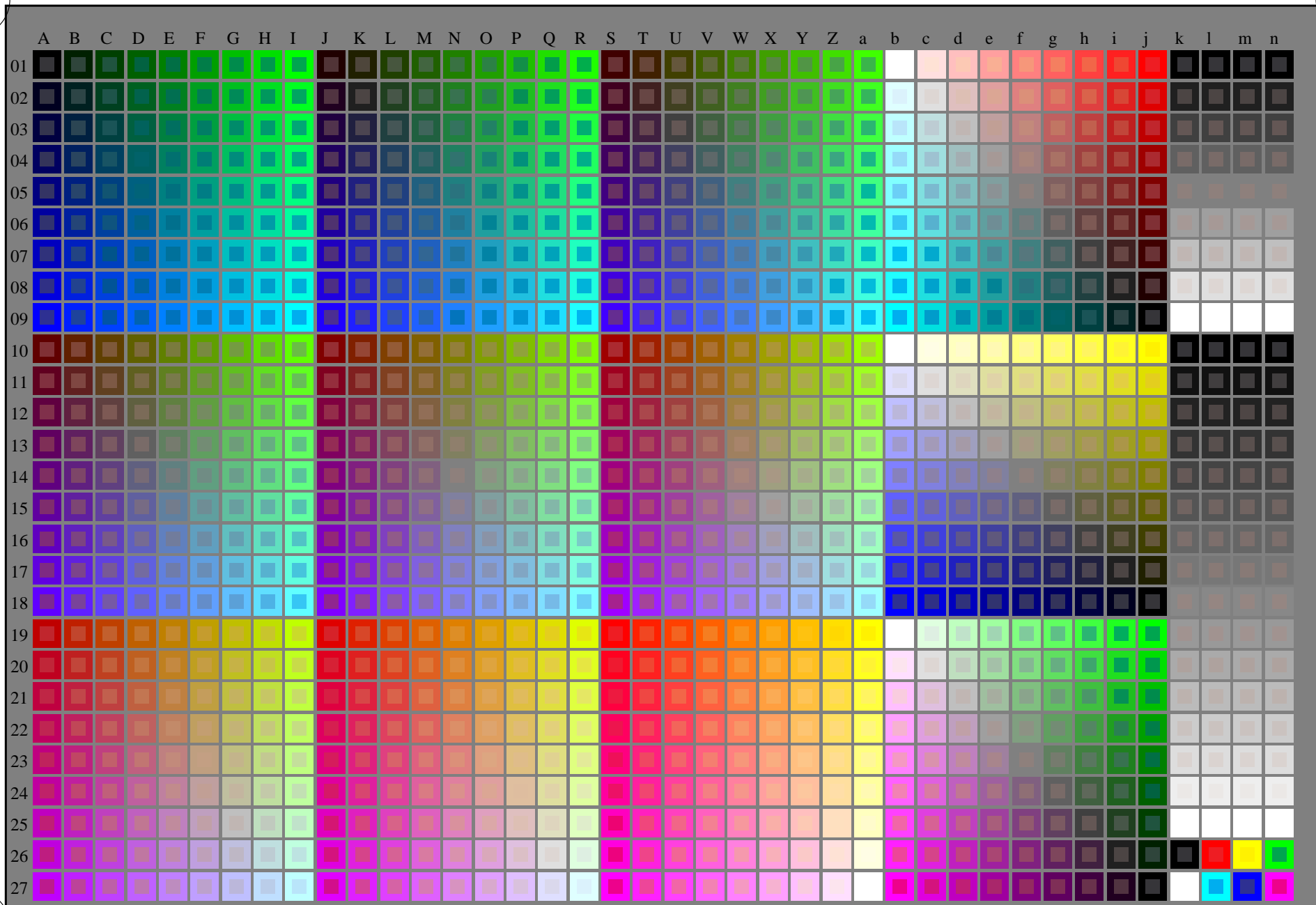
http://130.149.60.45/~farbmetrik/RE55/RE55L0NP.PDF /.PS; start output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/33



see similar files: <http://130.149.60.45/~farbmetrik/RE55/RE55.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE55/RE55L0NP.PDF /.PS  
application for measurement of offset print output

TUB material: code=rha4ta



1-013030-L0 RE550-7N

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 = 0

TUB-test chart RE55; 1080 standard colours  
Test chart according to DIN 33872, 3D=0, de=1, cmyk

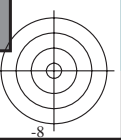
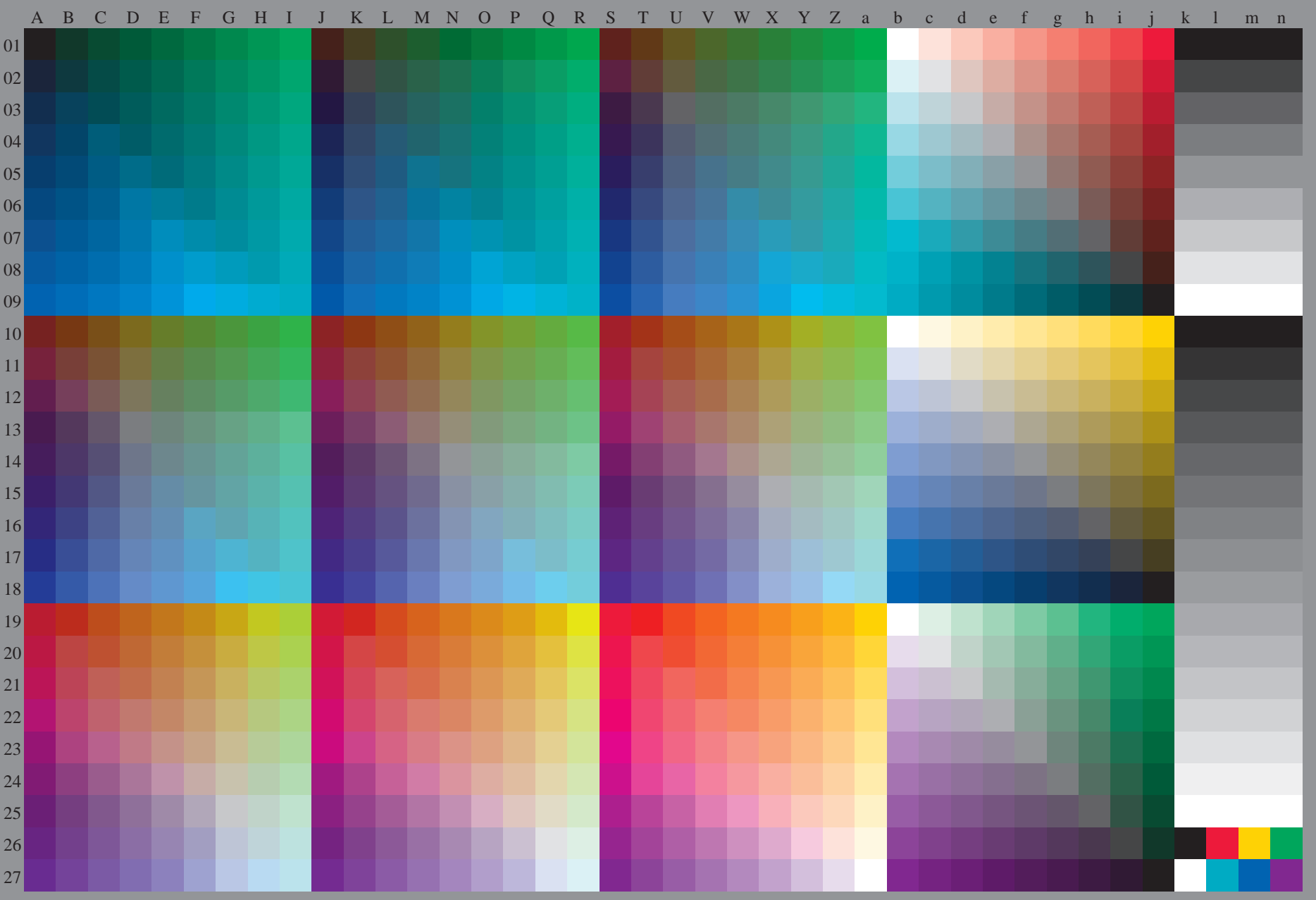
input:  $rgb/cmyk \rightarrow rgb/cmyk$   
output: no change





see similar files: <http://130.149.60.45/~farbmetrik/RE55/RE55.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE55/RE55L0NP.PDF /.PS  
application for measurement of offset print output, separation cmykn6 (CMYK)  
TUB material: code=rh4ta



1-013130-L0 RE550-71 Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb(A_n, 3D=0)$

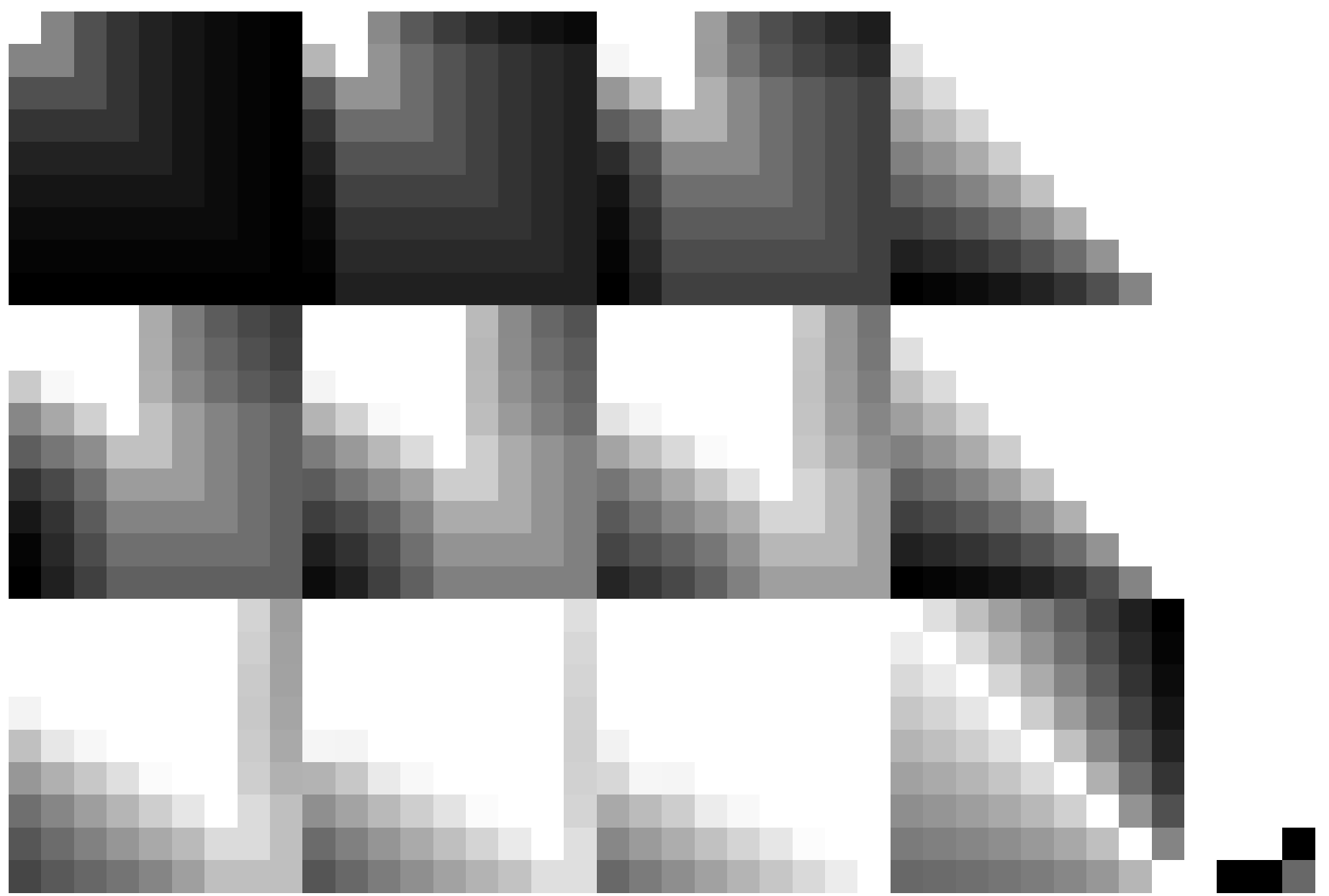
TUB-test chart RE55; 1080 standard colours  
Test chart according to DIN 33872, 3D=0, de=1, cmyk

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



see similar files: <http://130.149.60.45/~farbmetrik/RE55/RE55.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE55/RE55L0NP.PDF /.PS TUB material: code=rh4ta  
application for measurement of offset print output, separation cmykn6 (CMYK)

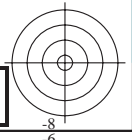
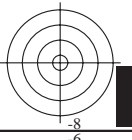
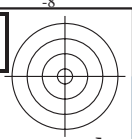
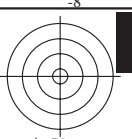


1-013230-L0 RE550-71

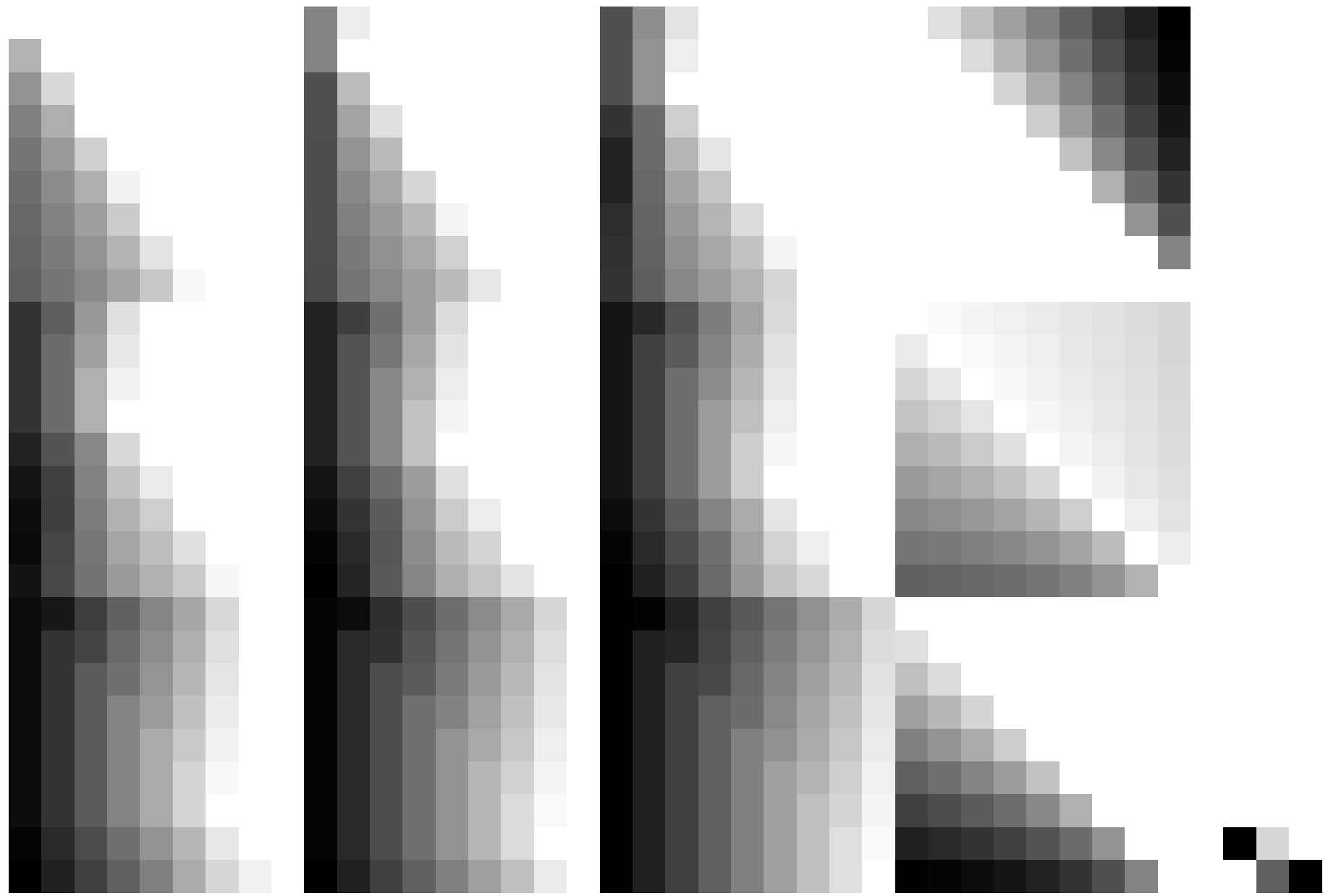
TUB-test chart RE55; 1080 standard colours  
Test chart according to DIN 33872, 3D=0, de=1, cmyk

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

1-013230-F0



see similar files: <http://130.149.60.45/~farbmetrik/RE55/RE55.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

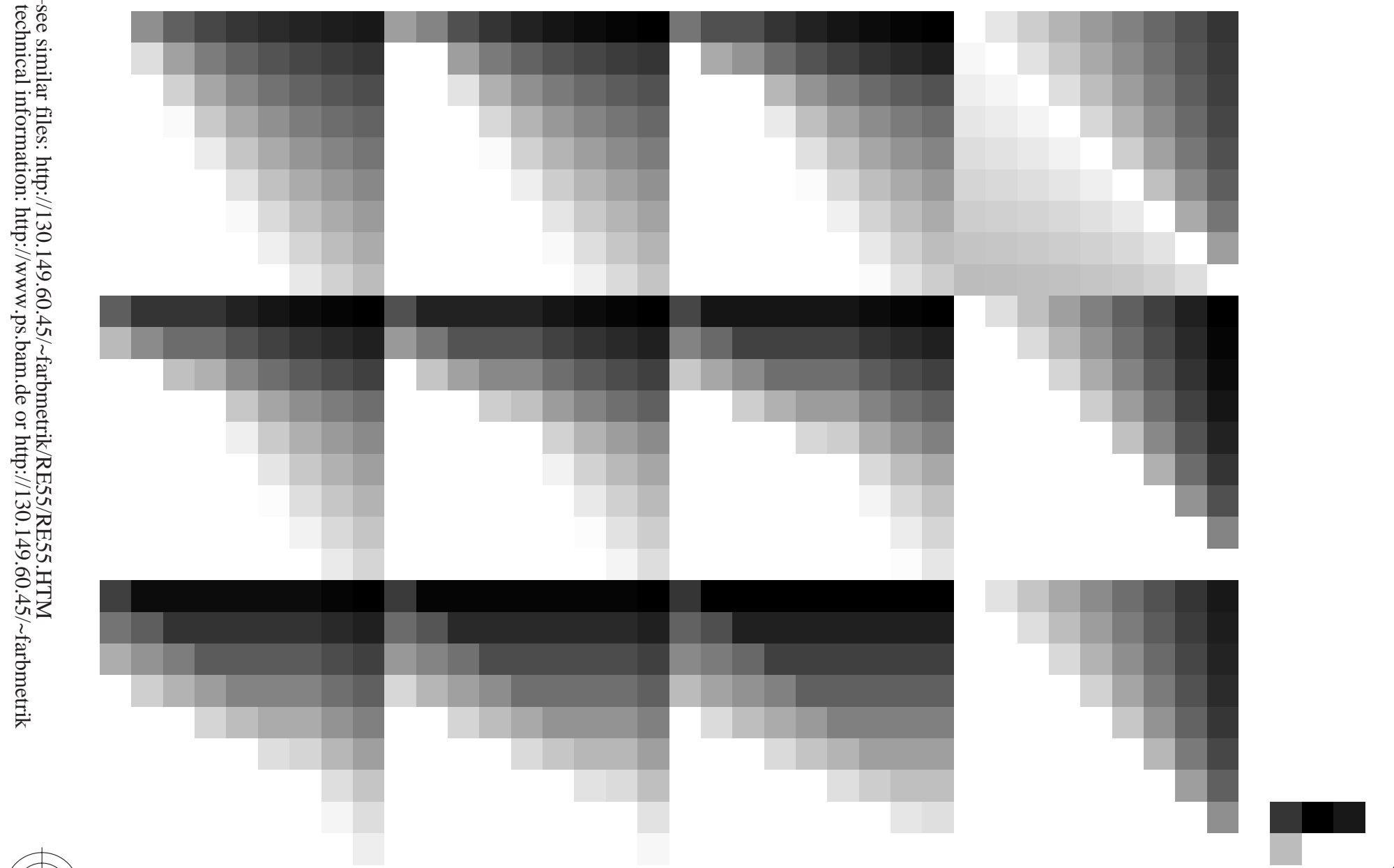


1-013330-L0 RE550-71

TUB-test chart RE55; 1080 standard colours  
Test chart according to DIN 33872, 3D=0, de=1, cmyk

input: *rgb/cmyk* -> *rgb<sub>e</sub>*  
output: transfer to *cmyk<sub>e</sub>*

1-013330-F0



see similar files: <http://130.149.60.45/~farbmetrik/RE55/RE55.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

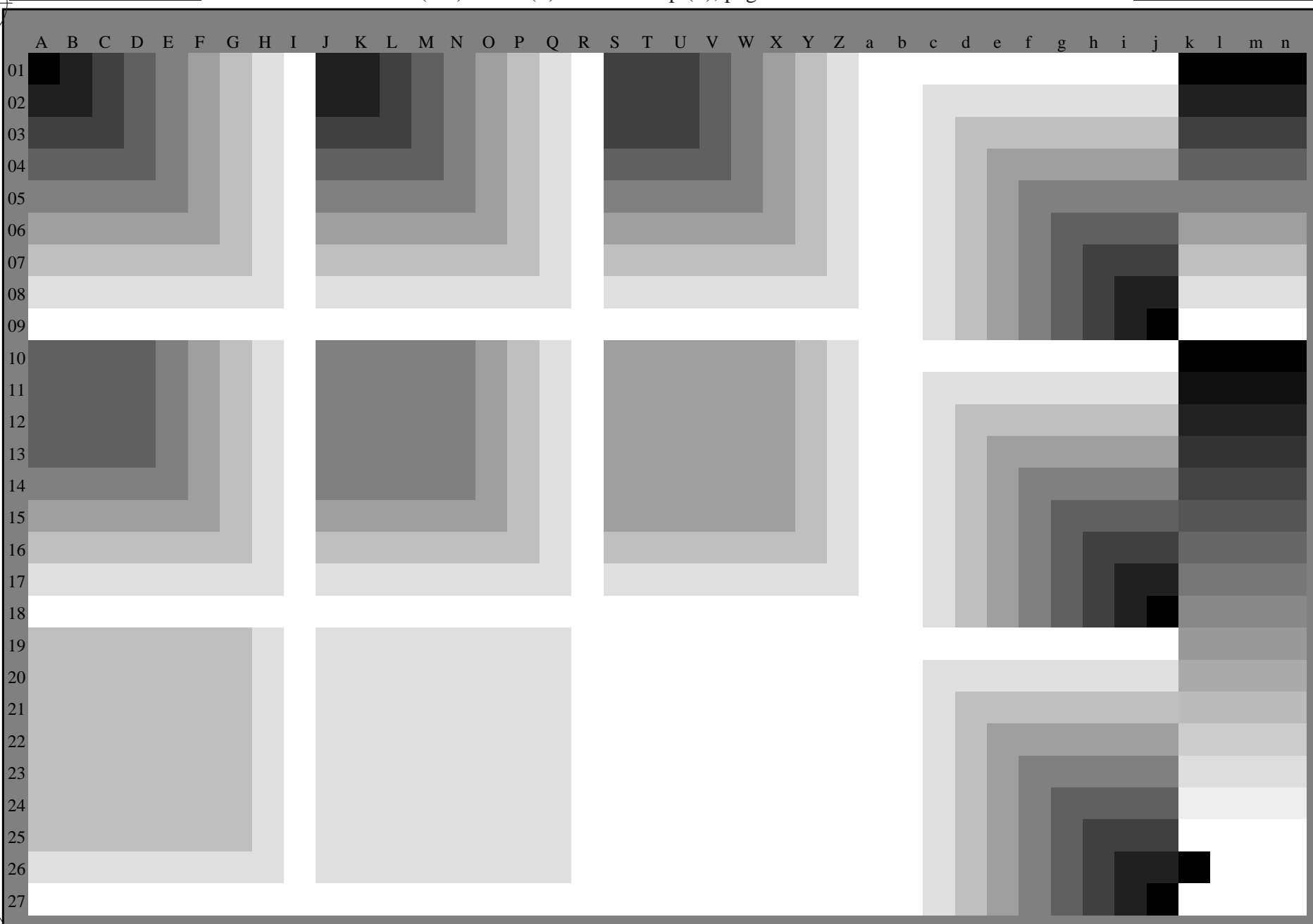
1-013430-L0 RE550-71

TUB-test chart RE55; 1080 standard colours  
Test chart according to DIN 33872, 3D=0, de=1, cmyk

input: *rgb/cmyk* -> *rgb<sub>e</sub>*  
output: transfer to *cmyk<sub>e</sub>*

1-013430-F0

see similar files: <http://130.149.60.45/~farbmetrik/RE55/RE55.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



1-013530-L0 RE550-71

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

TUB-test chart RE55; 1080 standard colours  
Test chart according to DIN 33872, 3D=0, de=1, cmyk

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

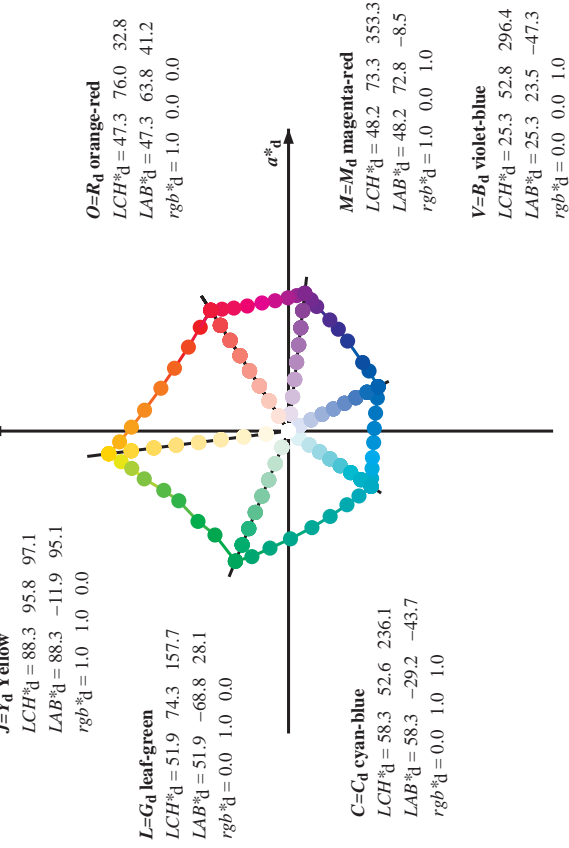
1-013530-F0

TUB registration: 20150701-RE55/RE55L0NP.PDF /.PS  
application for measurement of offset print output, separation cmyk6 (CMYK)  
TUB material: code=rh4ta

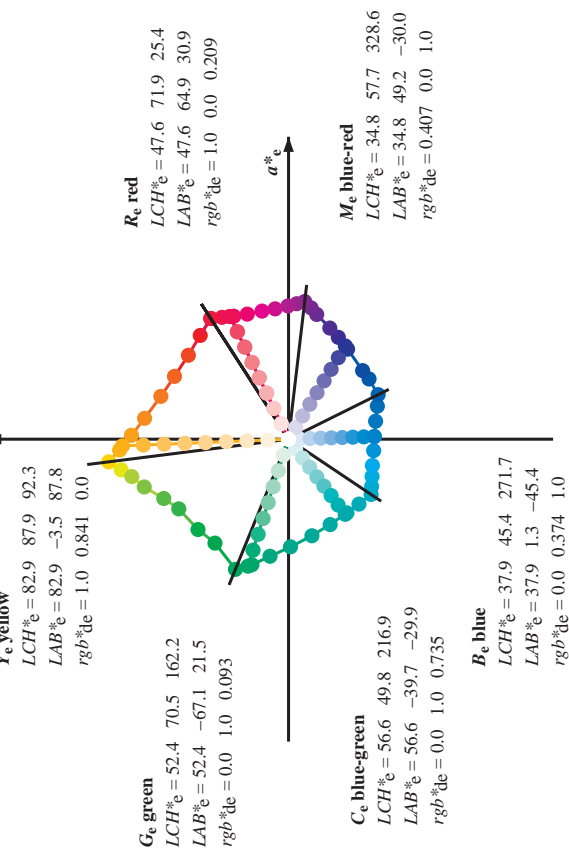
http://130.149.60.45/~farbmetrik/RE55/RE55L0NP.PDF /PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 7/33

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 RYGBM<sub>d</sub>:  $h_{ab,d} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Six hue angles of the device colours RYGBM<sub>d</sub>:  $h_{ab,d} = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3$ ; Six hue angles of the elementary colours RYGBM<sub>e</sub>:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

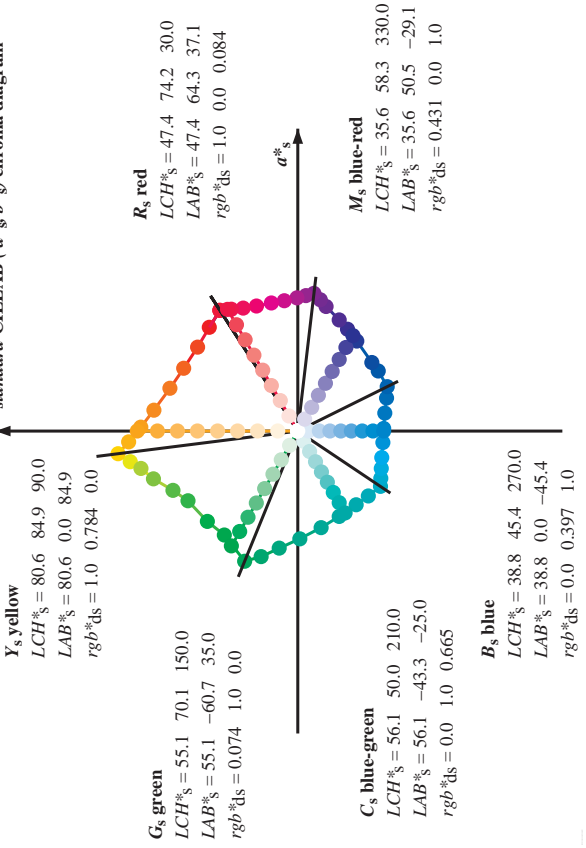
**J=Y<sub>d</sub> Yellow**  
**O=R<sub>d</sub> orange-red**  
**L=G<sub>d</sub> leaf-green**  
**C=C<sub>d</sub> cyan-blue**  
**M=M<sub>d</sub> magenta-red**  
**V=B<sub>d</sub> violet-blue**



**Y<sub>e</sub> yellow**  
**G<sub>e</sub> green**  
**R<sub>e</sub> red**  
**C<sub>e</sub> blue-green**  
**B<sub>e</sub> blue**  
**M<sub>e</sub> blue-red**



**standard CIELAB (a\*s, b\*s) chroma diagram**



**Notes to the CIELAB chroma diagrams (a\*s, b\*s), (a\*e, b\*e), (a\*d, b\*d)**

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





http://130.149.60.45/~farbmetrik/RE55/RE55L0NP.PDF /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), 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\*, dex36IM, LAB\*, dex36IM, LAB\*, dex36IM, and a color bar. The table lists 360 rows of color data, including hue angles and corresponding colorimetric values.

I-013830-L0 RE550-71 LAB\*lab0, 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

TUB-test chart RE55; 1080 standard colours 48 step hue circles; rgb-LabCh\*tables

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

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

http://130.149.60.45/~farbmetrik/RE55/RE55L0NP.PDF /.PS; transfer output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 10/33

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<sub>d</sub>; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;  
Six hue angles of the device colours RYGBM<sub>d</sub>; h<sub>ab,d</sub> = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBM<sub>e</sub>; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

	$R_d$	$rgb^*_{ds361MI}$	$LAB^*_{dss361MI}(x=LabCh)$	$rgb^*_{ds361MI}$	$LAB^*_{dss361MI}(x=LabCh)$	$rgb^*_{ds361MI}$	$LAB^*_{dss361MI}(x=LabCh)$	$rgb^*_{ds361MI}$	$LAB^*_{dss361MI}(x=LabCh)$	$rgb^*_{ds361MI}$	$LAB^*_{dss361MI}(x=LabCh)$	$rgb^*_{ds361MI}$	$LAB^*_{dss361MI}(x=LabCh)$	$rgb^*_{ds361MI}$	$LAB^*_{dss361MI}(x=LabCh)$	$rgb^*_{ds361MI}$	$LAB^*_{dss361MI}(x=LabCh)$	$rgb^*_{ds361MI}$	$LAB^*_{dss361MI}(x=LabCh)$		
32	30	0.0	0.0	47.3	63.8	41.2	76.0	32	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
33	31	0.0	0.0	47.8	62.7	42.0	75.4	33	1.0	0.0	0.054	47.4	64.2	38.6	74.9	31	1.0	0.0	0.0	0.0	0.0
34	32	0.0	0.0	48.3	61.5	42.8	74.9	34	1.0	0.0	0.025	47.4	64.0	40.0	75.5	32	1.0	0.0	0.033	0.0	0.0
35	33	0.0	0.0	48.9	60.3	43.6	74.4	35	1.0	0.003	0.0	47.5	63.7	41.3	75.9	33	1.0	0.0	0.05	0.0	0.0
36	34	0.0	0.0	49.4	59.1	44.3	73.9	36	1.0	0.019	0.0	48.0	62.5	42.2	74.9	34	1.0	0.0	0.067	0.0	0.0
37	35	0.0	0.0	49.9	57.9	45.1	73.4	37	1.0	0.036	0.0	48.5	61.4	43.0	74.9	35	1.0	0.0	0.083	0.0	0.0
38	36	0.0	0.1	50.4	56.7	45.7	72.9	38	1.0	0.052	0.0	49.0	60.2	43.7	74.4	36	1.0	0.1	0.1	0.0	0.0
39	37	0.0	0.1	50.9	55.5	46.4	72.3	39	1.0	0.069	0.0	49.5	59.0	44.5	73.9	37	1.0	0.1	0.1	0.0	0.0
40	38	0.0	0.1	51.5	54.2	47.2	71.9	40	1.0	0.085	0.0	50.0	57.8	45.2	73.4	38	1.0	0.1	0.1	0.0	0.0
41	39	0.0	0.1	52.1	52.8	48.1	71.5	41	1.0	0.101	0.0	50.5	56.6	45.9	72.9	39	1.0	0.1	0.1	0.0	0.0
42	40	0.0	0.1	52.8	51.4	49.0	71.1	42	1.0	0.118	0.0	51.0	55.4	46.5	72.4	40	1.0	0.1	0.1	0.0	0.0
43	41	0.0	0.1	53.4	50.1	49.9	70.7	43	1.0	0.132	0.0	51.5	54.3	47.2	72.0	41	1.0	0.1	0.1	0.0	0.0
44	42	0.0	0.2	54.1	48.7	50.7	70.3	44	1.0	0.145	0.0	52.0	53.2	47.9	71.7	42	1.0	0.2	0.2	0.0	0.0
45	43	0.0	0.2	54.7	47.3	51.5	69.9	45	1.0	0.158	0.0	52.5	52.2	48.7	71.3	43	1.0	0.2	0.2	0.0	0.0
46	44	0.0	0.2	55.3	45.8	52.2	69.5	46	1.0	0.172	0.0	53.0	51.1	49.3	71.0	44	1.0	0.2	0.2	0.0	0.0
47	45	0.0	0.2	56.0	44.4	53.0	69.1	47	1.0	0.185	0.0	53.5	50.0	50.0	70.7	45	1.0	0.2	0.2	0.0	0.0
48	46	0.0	0.2	56.7	43.0	54.1	69.1	48	1.0	0.198	0.0	54.0	48.9	50.7	70.4	46	1.0	0.2	0.2	0.0	0.0
49	47	0.0	0.3	57.4	41.5	55.1	69.1	49	1.0	0.211	0.0	54.5	47.8	51.3	70.1	47	1.0	0.3	0.3	0.0	0.0
50	48	0.0	0.3	58.2	40.1	56.2	69.0	50	1.0	0.224	0.0	55.0	46.7	51.9	69.8	48	1.0	0.3	0.3	0.0	0.0
51	49	0.0	0.3	58.9	38.6	57.1	69.0	51	1.0	0.237	0.0	55.5	45.6	52.4	69.5	49	1.0	0.3	0.3	0.0	0.0
52	50	0.0	0.3	59.6	37.1	58.1	68.9	52	1.0	0.25	0.0	56.0	44.5	53.0	69.2	50	1.0	0.3	0.3	0.0	0.0
53	51	0.0	0.3	60.3	35.5	59.0	68.9	53	1.0	0.261	0.0	56.5	43.5	53.7	69.2	51	1.0	0.3	0.3	0.0	0.0
54	52	0.0	0.3	61.0	34.0	59.9	68.9	54	1.0	0.272	0.0	57.0	42.6	54.5	69.1	52	1.0	0.3	0.3	0.0	0.0
55	53	0.0	0.3	61.8	32.5	60.8	69.0	55	1.0	0.283	0.0	57.5	41.6	55.2	69.1	53	1.0	0.3	0.3	0.0	0.0
56	54	0.0	0.4	62.5	31.2	61.9	69.3	56	1.0	0.295	0.0	58.0	40.6	55.9	69.1	54	1.0	0.4	0.4	0.0	0.0
57	55	0.0	0.4	63.3	29.8	62.9	69.6	57	1.0	0.306	0.0	58.5	39.6	56.6	69.1	55	1.0	0.4	0.4	0.0	0.0
58	56	0.0	0.4	64.1	28.4	63.9	70.0	58	1.0	0.317	0.0	58.9	38.6	57.2	69.0	56	1.0	0.4	0.4	0.0	0.0
59	57	0.0	0.4	64.9	27.0	64.9	70.3	59	1.0	0.328	0.0	59.4	37.6	57.9	69.0	57	1.0	0.4	0.4	0.0	0.0
60	58	0.0	0.4	65.6	25.6	65.8	70.6	60	1.0	0.34	0.0	59.9	36.6	58.5	69.0	58	1.0	0.4	0.4	0.0	0.0
61	59	0.0	0.4	66.4	24.1	66.7	70.9	61	1.0	0.351	0.0	60.4	35.5	59.1	69.0	59	1.0	0.4	0.4	0.0	0.0
62	60	0.0	0.5	67.2	22.6	67.6	71.2	62	1.0	0.362	0.0	60.9	34.5	59.7	68.9	60	1.0	0.5	0.5	0.0	0.0
63	61	0.0	0.5	68.0	21.2	68.8	72.0	63	1.0	0.373	0.0	61.4	33.4	60.3	68.9	61	1.0	0.5	0.5	0.0	0.0
64	62	0.0	0.5	68.9	19.7	70.0	72.8	64	1.0	0.385	0.0	61.9	32.4	61.0	69.1	62	1.0	0.5	0.5	0.0	0.0
65	63	0.0	0.5	69.7	18.2	71.2	73.5	65	1.0	0.397	0.0	62.5	31.5	61.8	69.3	63	1.0	0.5	0.5	0.0	0.0
66	64	0.0	0.5	70.6	16.7	72.4	74.3	66	1.0	0.409	0.0	63.0	30.5	62.5	69.6	64	1.0	0.5	0.5	0.0	0.0
67	65	0.0	0.5	71.5	15.1	73.5	75.0	67	1.0	0.421	0.0	63.6	29.5	63.2	69.8	65	1.0	0.5	0.5	0.0	0.0
68	66	0.0	0.6	72.3	13.5	74.6	75.8	68	1.0	0.434	0.0	64.2	28.5	64.0	70.0	66	1.0	0.6	0.6	0.0	0.0
69	67	0.0	0.6	73.2	11.8	75.6	76.6	69	1.0	0.446	0.0	64.7	27.4	64.7	70.3	67	1.0	0.6	0.6	0.0	0.0
70	68	0.0	0.6	74.0	10.4	76.6	77.3	70	1.0	0.458	0.0	65.3	26.4	65.4	70.5	68	1.0	0.6	0.6	0.0	0.0
71	69	0.0	0.6	74.7	9.3	77.6	78.2	71	1.0	0.47	0.0	65.8	25.3	66.0	70.7	69	1.0	0.6	0.6	0.0	0.0
72	70	0.0	0.6	75.5	8.2	78.6	79.0	72	1.0	0.482	0.0	66.4	24.3	66.7	70.9	70	1.0	0.6	0.6	0.0	0.0
73	71	0.0	0.6	76.2	7.0	79.5	79.8	73	1.0	0.494	0.0	66.9	23.2	67.3	71.2	71	1.0	0.6	0.6	0.0	0.0
74	72	0.0	0.7	77.0	5.8	80.4	80.6	74	1.0	0.506	0.0	67.5	22.1	68.1	71.6	72	1.0	0.7	0.7	0.0	0.0
75	73	0.0	0.7	77.7	4.5	81.3	81.4	75	1.0	0.518	0.0	68.2	21.1	69.0	72.1	73	1.0	0.7	0.7	0.0	0.0
76	74	0.0	0.7	78.5	3.3	82.2	82.3	76	1.0	0.531	0.0	68.8	20.0	69.9	72.7	74	1.0	0.7	0.7	0.0	0.0
77	75	0.0	0.7	79.2	2.0	83.0	83.1	77	1.0	0.543	0.0	69.4	19.0	70.7	73.2	75	1.0	0.7	0.7	0.0	0.0

I-013930-L0 RE550-71 LAB\*<sub>tab</sub>, YN=0%, XY<sub>Znw</sub>=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB\*<sub>nw</sub>=17.7, 0.0, 0.0, 95.5, 0.0, 0.0  
Output: Offset standard print; separation cmyk6\*: D65, page 10/33

TUB-test chart RE55; 1080 standard colours  
48 step hue circles; rgb-LabCh\*tables  
input: rgb/cmyk -> rgb  
output: transfer to cmyk

http://130.149.60.45/~farbmetrik/RE55/RE55L0NP.PDF /.PS; transfer output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/33

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,ds = 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

h_ab,d	h_ab,s	h_ab,e	rgb* dd361M	LAB* dss361M (x=LabCh)	rgb* dd361M	LAB* dex361M (x=LabCh)	rgb* dd361M	LAB* dex361M (x=LabCh)	rgb* dd361M
88	75	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88
89	76	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89
89	77	1.0	0.783	0.0	80.6	0.0	84.8	84.8	89
90	78	1.0	0.8	0.0	81.2	-0.9	85.7	85.7	90
91	79	1.0	0.816	0.0	81.9	-1.9	86.5	86.5	91
91	80	1.0	0.833	0.0	82.6	-3.0	87.4	87.4	91
92	81	1.0	0.85	0.0	83.2	-4.0	88.2	88.3	92
93	82	1.0	0.866	0.0	83.9	-5.1	89.0	89.2	93
93	83	1.0	0.883	0.0	84.5	-6.1	89.8	90.0	93
94	84	1.0	0.9	0.0	85.1	-6.9	90.6	90.8	94
94	85	1.0	0.916	0.0	85.6	-7.7	91.3	91.7	94
95	86	1.0	0.933	0.0	86.1	-8.5	92.1	92.5	95
95	87	1.0	0.95	0.0	86.7	-9.3	92.9	93.3	95
96	88	1.0	0.966	0.0	87.2	-10.2	93.6	94.2	96
96	89	1.0	0.983	0.0	87.8	-11.1	94.3	95.0	96
97	90	1.0	1.0	0.0	88.3	-11.9	95.1	95.8	97
97	91	0.983	1.0	0.0	88.0	-12.5	94.2	95.1	97
98	92	0.966	1.0	0.0	87.7	-13.1	93.4	94.3	98
98	93	0.95	1.0	0.0	87.3	-13.7	92.5	93.5	98
98	94	0.933	1.0	0.0	87.0	-14.3	91.6	92.7	98
99	95	0.916	1.0	0.0	86.6	-14.8	90.8	92.0	99
99	96	0.9	1.0	0.0	86.3	-15.4	89.9	91.2	99
100	97	0.883	1.0	0.0	86.0	-15.9	89.0	90.4	100
100	98	0.866	1.0	0.0	85.6	-16.4	88.2	89.7	100
100	99	0.85	1.0	0.0	85.2	-16.9	87.4	89.1	100
101	100	0.833	1.0	0.0	84.8	-17.4	86.6	88.4	101
101	101	0.816	1.0	0.0	84.5	-17.9	86.0	87.8	101
102	102	0.8	1.0	0.0	84.1	-18.3	85.2	87.2	102
102	103	0.783	1.0	0.0	83.7	-18.8	84.5	86.5	102
102	104	0.766	1.0	0.0	83.3	-19.2	83.7	85.9	102
103	105	0.75	1.0	0.0	82.9	-19.7	83.0	85.3	103
104	106	0.733	1.0	0.0	82.2	-20.5	82.1	84.6	104
104	107	0.716	1.0	0.0	81.4	-21.3	81.2	84.0	104
105	108	0.7	1.0	0.0	80.6	-22.0	80.3	83.3	105
106	109	0.683	1.0	0.0	79.8	-22.8	79.5	82.7	106
106	110	0.666	1.0	0.0	79.0	-23.5	78.6	82.0	106
107	111	0.65	1.0	0.0	78.2	-24.2	77.7	81.4	107
107	112	0.633	1.0	0.0	77.4	-24.9	76.8	80.7	107
108	113	0.616	1.0	0.0	76.8	-25.7	75.6	79.9	108
109	114	0.6	1.0	0.0	76.2	-26.6	74.3	78.9	109
110	115	0.583	1.0	0.0	75.6	-27.5	72.9	78.0	110
111	116	0.566	1.0	0.0	75.0	-28.3	71.6	77.0	111
112	117	0.55	1.0	0.0	74.5	-29.1	70.2	76.0	112
113	118	0.533	1.0	0.0	73.9	-29.9	68.8	75.0	113
114	119	0.516	1.0	0.0	73.3	-30.6	67.4	74.1	114
115	120	0.5	1.0	0.0	72.7	-31.3	66.0	73.1	115

LAB\*  
a0,0  
Y=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

TUB-test chart RE55; 1080 standard colours  
48 step hue circles; rgb-LabCh\*tables  
input: rgb/cmyk -> rgb  
output: transfer to cmyk

Output: Offset standard print; separation cmyk6\*: D65, page 1/33









http://130.149.60.45/~farbmetrik/RE55/RE55L0NP.PDF /.PS; transfer output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), 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<sub>d</sub>; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;  
Six hue angles of the device colours RYGBM<sub>d</sub>; h<sub>ab,d</sub> = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours RYGBM<sub>e</sub>; h<sub>ab,e</sub> = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h <sub>ab,d</sub>	h <sub>ab,s</sub>	h <sub>ab,e</sub>	rgb% <sub>ds</sub>	rgb% <sub>d</sub>	rgb% <sub>s</sub>	LAB* <sub>ds</sub> 361MI	LAB* <sub>d</sub> 361MI (x=LabCh)	LAB* <sub>e</sub> 361MI (x=LabCh)	rgb% <sub>ds</sub> 361MI	rgb% <sub>d</sub> 361MI	rgb% <sub>s</sub> 361MI	LAB* <sub>ds</sub> 361MI (x=LabCh)	LAB* <sub>d</sub> 361MI (x=LabCh)	LAB* <sub>e</sub> 361MI (x=LabCh)	rgb% <sub>ds</sub> 361MI	rgb% <sub>d</sub> 361MI	rgb% <sub>s</sub> 361MI	LAB* <sub>ds</sub> 361MI (x=LabCh)	LAB* <sub>d</sub> 361MI (x=LabCh)	LAB* <sub>e</sub> 361MI (x=LabCh)	rgb% <sub>ds</sub> 361MI	rgb% <sub>d</sub> 361MI	rgb% <sub>s</sub> 361MI									
281	255	258	0.0	0.25	1.0	33.3	9.4	-46.0	47.0	281	0.0	0.594	1.0	46.5	-11.9	-44.6	46.3	255	0.0	0.25	1.0	0.0	0.555	1.0	45.0	-9.4	-44.8	45.9	258	0.0	0.25	1.0
282	256	258	0.0	0.233	1.0	32.7	10.5	-46.2	47.4	282	0.0	0.581	1.0	46.0	-11.1	-44.7	46.2	256	0.0	0.233	1.0	0.0	0.543	1.0	44.5	-8.7	-44.9	45.8	258	0.0	0.233	1.0
283	257	259	0.0	0.216	1.0	32.0	11.5	-46.4	47.8	283	0.0	0.568	1.0	45.5	-10.3	-44.8	46.1	257	0.0	0.217	1.0	0.0	0.532	1.0	44.1	-7.9	-44.9	45.7	259	0.0	0.217	1.0
285	258	260	0.0	0.2	1.0	31.4	12.5	-46.5	48.2	285	0.0	0.556	1.0	45.0	-9.5	-44.8	45.9	258	0.0	0.2	1.0	0.0	0.52	1.0	43.6	-7.2	-44.9	45.6	260	0.0	0.2	1.0
286	259	261	0.0	0.183	1.0	30.8	13.6	-46.7	48.6	286	0.0	0.543	1.0	44.5	-8.6	-44.9	45.8	259	0.0	0.183	1.0	0.0	0.508	1.0	43.1	-6.5	-44.9	45.5	261	0.0	0.183	1.0
287	260	262	0.0	0.166	1.0	30.1	14.7	-46.8	49.0	287	0.0	0.531	1.0	44.0	-7.8	-44.9	45.7	260	0.0	0.167	1.0	0.0	0.497	1.0	42.7	-5.7	-45.0	45.4	262	0.0	0.167	1.0
288	261	263	0.0	0.15	1.0	29.5	15.8	-46.9	49.4	288	0.0	0.517	1.0	43.5	-7.0	-44.9	45.6	261	0.0	0.15	1.0	0.0	0.484	1.0	42.2	-5.0	-45.0	45.4	263	0.0	0.15	1.0
289	262	264	0.0	0.133	1.0	28.9	16.8	-46.9	49.9	289	0.0	0.505	1.0	43.0	-6.2	-44.9	45.5	262	0.0	0.133	1.0	0.0	0.472	1.0	41.7	-4.3	-45.1	45.4	264	0.0	0.133	1.0
290	263	265	0.0	0.116	1.0	28.3	17.8	-47.0	50.3	290	0.0	0.491	1.0	42.5	-5.4	-45.0	45.4	263	0.0	0.117	1.0	0.0	0.46	1.0	41.2	-3.6	-45.2	45.4	265	0.0	0.117	1.0
291	264	266	0.0	0.1	1.0	27.9	18.6	-47.1	50.6	291	0.0	0.478	1.0	41.9	-4.6	-45.1	45.4	264	0.0	0.1	1.0	0.0	0.448	1.0	40.8	-2.9	-45.3	45.4	266	0.0	0.1	1.0
292	265	267	0.0	0.083	1.0	27.5	19.4	-47.1	51.0	292	0.0	0.465	1.0	41.4	-3.9	-45.2	45.4	265	0.0	0.083	1.0	0.0	0.436	1.0	40.3	-2.1	-45.3	45.4	267	0.0	0.083	1.0
293	266	268	0.0	0.066	1.0	27.0	20.2	-47.2	51.4	293	0.0	0.451	1.0	40.9	-3.1	-45.2	45.4	266	0.0	0.067	1.0	0.0	0.423	1.0	39.8	-1.4	-45.3	45.4	268	0.0	0.067	1.0
293	267	269	0.0	0.049	1.0	26.6	21.0	-47.3	51.7	293	0.0	0.438	1.0	40.4	-2.3	-45.3	45.4	267	0.0	0.05	1.0	0.0	0.411	1.0	39.4	-0.7	-45.3	45.4	269	0.0	0.05	1.0
294	268	269	0.0	0.033	1.0	26.2	21.8	-47.3	52.1	294	0.0	0.425	1.0	39.9	-1.5	-45.3	45.4	268	0.0	0.033	1.0	0.0	0.399	1.0	38.9	0.0	-45.3	45.4	269	0.0	0.033	1.0
295	269	270	0.0	0.016	1.0	25.7	22.6	-47.3	52.5	295	0.0	0.411	1.0	39.4	-0.7	-45.3	45.4	269	0.0	0.017	1.0	0.0	0.387	1.0	38.4	0.7	-45.3	45.4	270	0.0	0.017	1.0
296	270	271	0.0	0.0	1.0	25.3	23.5	-47.3	52.8	296	0.0	0.398	1.0	38.8	0.0	-45.3	45.4	270	0.0	0.0	1.0	0.0	0.375	1.0	37.9	1.4	-45.3	45.5	271	0.0	0.0	1.0
297	271	272	0.016	0.0	1.0	25.8	24.6	-46.8	52.9	297	0.0	0.385	1.0	38.3	0.8	-45.3	45.4	271	0.017	0.0	1.0	0.0	0.363	1.0	37.5	2.1	-45.5	45.6	272	0.017	0.0	1.0
299	272	273	0.033	0.0	1.0	26.3	25.8	-46.2	52.9	299	0.0	0.371	1.0	37.8	1.6	-45.4	45.5	272	0.033	0.0	1.0	0.0	0.351	1.0	37.1	2.9	-45.6	45.8	273	0.033	0.0	1.0
300	273	274	0.05	0.0	1.0	26.9	26.9	-45.6	52.9	300	0.0	0.359	1.0	37.3	2.4	-45.5	45.7	273	0.05	0.0	1.0	0.0	0.339	1.0	36.6	3.7	-45.7	45.9	274	0.05	0.0	1.0
301	274	275	0.066	0.0	1.0	27.4	28.0	-45.0	53.0	301	0.0	0.346	1.0	36.9	3.2	-45.6	45.8	274	0.067	0.0	1.0	0.0	0.327	1.0	36.2	4.4	-45.7	46.0	275	0.067	0.0	1.0
303	275	276	0.083	0.0	1.0	27.9	29.1	-44.3	53.0	303	0.0	0.334	1.0	36.4	4.0	-45.7	46.0	275	0.083	0.0	1.0	0.0	0.315	1.0	35.7	5.2	-45.8	46.2	276	0.083	0.0	1.0
304	276	277	0.1	0.0	1.0	28.5	30.2	-43.6	53.1	304	0.0	0.321	1.0	36.0	4.8	-45.8	46.1	276	0.1	0.0	1.0	0.0	0.303	1.0	35.3	6.0	-45.9	46.3	277	0.1	0.0	1.0
306	277	278	0.116	0.0	1.0	29.0	31.2	-42.9	53.1	306	0.0	0.309	1.0	35.5	5.6	-45.8	46.3	277	0.117	0.0	1.0	0.0	0.291	1.0	34.9	6.8	-45.9	46.5	278	0.117	0.0	1.0
307	278	279	0.133	0.0	1.0	29.4	32.1	-42.3	53.1	307	0.0	0.296	1.0	35.0	6.5	-45.9	46.4	278	0.133	0.0	1.0	0.0	0.279	1.0	34.4	7.6	-45.9	46.6	279	0.133	0.0	1.0
307	279	280	0.15	0.0	1.0	29.7	32.7	-41.9	53.2	307	0.0	0.283	1.0	34.6	7.3	-45.9	46.6	279	0.15	0.0	1.0	0.0	0.267	1.0	34.0	8.3	-45.9	46.8	280	0.15	0.0	1.0
308	280	281	0.166	0.0	1.0	30.0	33.3	-41.5	53.2	308	0.0	0.271	1.0	34.1	8.1	-45.9	46.7	280	0.167	0.0	1.0	0.0	0.256	1.0	33.5	9.1	-45.9	46.9	281	0.167	0.0	1.0
309	281	282	0.183	0.0	1.0	30.3	33.9	-41.1	53.2	309	0.0	0.258	1.0	33.6	8.9	-45.9	46.9	281	0.183	0.0	1.0	0.0	0.243	1.0	33.1	9.9	-46.0	47.2	282	0.183	0.0	1.0
310	282	283	0.2	0.0	1.0	30.6	34.5	-40.6	53.3	310	0.0	0.245	1.0	33.1	9.8	-46.0	47.1	282	0.2	0.0	1.0	0.0	0.229	1.0	32.5	10.8	-46.2	47.5	283	0.2	0.0	1.0
311	283	284	0.216	0.0	1.0	30.9	35.0	-40.1	53.3	311	0.0	0.231	1.0	32.6	10.7	-46.2	47.5	283	0.217	0.0	1.0	0.0	0.215	1.0	32.0	11.6	-46.3	47.9	284	0.217	0.0	1.0
311	284	285	0.233	0.0	1.0	31.2	35.6	-39.6	53.3	311	0.0	0.216	1.0	32.1	11.6	-46.3	47.8	284	0.233	0.0	1.0	0.0	0.202	1.0	31.5	12.5	-46.5	48.2	285	0.233	0.0	1.0
312	285	285	0.25	0.0	1.0	31.5	36.2	-39.2	53.4	312	0.0	0.202	1.0	31.5	12.5	-46.5	48.2	285	0.25	0.0	1.0	0.0	0.188	1.0	31.0	13.3	-46.6	48.5	285	0.25	0.0	1.0
314	286	286	0.266	0.0	1.0	31.8	37.8	-38.3	53.8	314	0.0	0.188	1.0	31.0	13.4	-46.6	48.6	286	0.267	0.0	1.0	0.0	0.175	1.0	30.5	14.2	-46.7	48.9	286	0.267	0.0	1.0
316	287	287	0.283	0.0	1.0	32.1	39.4	-37.4	54.3	316	0.0	0.173	1.0	30.4	14.3	-46.7	48.9	287	0.283	0.0	1.0	0.0	0.161	1.0	30.0	15.1	-46.8	49.2	287	0.283	0.0	1.0
318	288	288	0.3	0.0	1.0	32.4	40.9	-36.4	54.8	318	0.0	0.159	1.0	29.9	15.2	-46.8	49.3	288	0.3	0.0	1.0	0.0	0.147	1.0	29.5	16.0	-46.8	49.6	288	0.3	0.0	1.0
320	289	289	0.316	0.0	1.0	32.7	42.4	-35.5	55.3	320	0.0	0.145	1.0	29.4	16.2	-46.8	49.6	289	0.317	0.0	1.0	0.0	0.134	1.0	28.9	16.9	-46.9	49.9	289	0.317	0.0	1.0
322	290	290	0.333	0.0	1.0	33.0	43.9	-34.2	55.7	322	0.0	0.13	1.0	28.8	17.1	-46.9	50.0	290	0.333	0.0	1.0	0.0	0.118	1.0	28.4	17.8	-46.9	50.3	290	0.333	0.0	1.0
323	291	291	0.35	0.0	1.0	33.3	45.4	-33.1	56.2	323	0.0	0.112	1.0	28.3	18.1	-47.0	50.4	291	0.35	0.0	1.0	0.0	0.098	1.0	27.9	18.7	-47.0	50.7	291	0.35	0.0	1.0
325	292	292	0.366	0.0	1.0	33.6	46.9	-31.8	56.7	325	0.0	0.091	1.0	27.7	19.1	-47.1	50.9	292	0.367	0.0	1.0	0.0	0.079	1.0	27.4	19.6	-47.1	51.1	292	0.367	0.0	1.0
327	293	293	0.383	0.0	1.0	34.0	48.0	-30.9	57.1	327	0.0	0.07	1.0	27.2	20.1	-47.1	51.3	293	0.383	0.0	1.0	0.0	0.059	1.0	26.9	20.6	-47.2	51.6	293	0.383	0.0	1.0
328	294	294	0.4	0.0	1.0	34.6	48.9	-30.3	57.5	328	0.0	0.05	1.0	26.6	21.1	-47.2	51.8	294	0.4	0.0	1.0	0.0	0.04	1.0	26.4	21.6	-47.2	52.0	294	0.4	0.0	1.0</

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<sub>d</sub>; h<sub>ab,ds</sub> = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;

h <sub>ab,d</sub>	h <sub>ab,s</sub>	h <sub>ab,e</sub>	rgb* <sub>ds</sub>	rgb* <sub>ds</sub>	LAB* <sub>s</sub> dxs361MI (x=LabCh)	rgb* <sub>ds</sub>	LAB* <sub>s</sub> dxs361MI (x=LabCh)	rgb* <sub>ds</sub>	LAB* <sub>s</sub> dex361MI (x=LabCh)	rgb* <sub>ds</sub>	LAB* <sub>s</sub> dex361MI (x=LabCh)	rgb* <sub>ds</sub>	LAB* <sub>s</sub> dex361MI (x=LabCh)	rgb* <sub>ds</sub>	LAB* <sub>s</sub> 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	0.057	0.0	1.0	27.2	27.4	-45.3	53.0	301	0.517	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	0.068	0.0	1.0	27.5	28.2	-44.8	53.0	302	0.533	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	0.08	0.0	1.0	27.9	28.9	-44.4	53.1	303	0.08	0.0	1.0	27.9	28.9	-44.4	53.1	303	0.55	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	0.092	0.0	1.0	28.3	29.7	-43.9	53.1	304	0.092	0.0	1.0	28.3	29.7	-43.9	53.1	304	0.567	0.0	1.0
337	305	304	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	0.104	0.0	1.0	28.7	30.5	-43.4	53.1	304	0.103	0.0	1.0	28.6	30.4	-43.5	53.1	304	0.583	0.0	1.0
338	306	305	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	0.116	0.0	1.0	29.0	31.1	-43.0	53.1	305	0.114	0.0	1.0	29.0	31.1	-43.0	53.1	305	0.6	0.0	1.0
339	307	306	0.616	0.0	1.0	40.7	58.5	-22.1	62.5	339	0.13	0.0	1.0	29.4	32.0	-42.4	53.2	307	0.13	0.0	1.0	29.4	31.9	-42.5	53.2	306	0.126	0.0	1.0	29.4	31.9	-42.5	53.2	306	0.617	0.0	1.0
340	308	307	0.633	0.0	1.0	41.1	59.3	-21.4	63.0	340	0.151	0.0	1.0	29.8	32.8	-41.8	53.2	308	0.151	0.0	1.0	29.8	32.6	-42.0	53.2	307	0.146	0.0	1.0	29.7	32.6	-42.0	53.2	307	0.633	0.0	1.0
341	309	308	0.65	0.0	1.0	41.4	60.3	-20.5	63.7	341	0.172	0.0	1.0	30.2	33.5	-41.3	53.3	309	0.172	0.0	1.0	30.2	33.3	-41.3	53.3	308	0.166	0.0	1.0	30.1	33.3	-41.5	53.2	308	0.65	0.0	1.0
342	310	309	0.666	0.0	1.0	41.7	61.3	-19.7	64.3	342	0.193	0.0	1.0	30.6	34.3	-40.7	53.3	310	0.193	0.0	1.0	30.6	34.0	-40.9	53.3	309	0.186	0.0	1.0	30.4	34.0	-40.9	53.3	309	0.667	0.0	1.0
343	311	310	0.683	0.0	1.0	41.9	62.2	-18.8	65.0	343	0.214	0.0	1.0	30.9	35.0	-40.2	53.3	311	0.214	0.0	1.0	30.9	34.7	-40.4	53.3	310	0.205	0.0	1.0	30.8	34.7	-40.4	53.3	310	0.683	0.0	1.0
344	312	311	0.7	0.0	1.0	42.2	63.2	-17.8	65.6	344	0.234	0.0	1.0	31.3	35.7	-39.6	53.4	312	0.234	0.0	1.0	31.3	35.4	-39.8	53.4	311	0.225	0.0	1.0	31.1	35.4	-39.8	53.4	311	0.7	0.0	1.0
345	313	312	0.716	0.0	1.0	42.5	64.1	-16.9	66.3	345	0.252	0.0	1.0	31.6	36.5	-39.0	53.5	313	0.252	0.0	1.0	31.6	36.1	-39.3	53.4	312	0.245	0.0	1.0	31.5	36.1	-39.3	53.4	312	0.717	0.0	1.0
346	314	313	0.733	0.0	1.0	42.8	65.0	-15.9	66.9	346	0.261	0.0	1.0	31.8	37.3	-38.5	53.7	314	0.261	0.0	1.0	31.8	37.7	-38.4	53.6	313	0.256	0.0	1.0	31.7	37.7	-38.4	53.6	313	0.733	0.0	1.0
347	315	314	0.75	0.0	1.0	43.1	65.9	-14.9	67.6	347	0.27	0.0	1.0	31.9	38.2	-38.1	54.0	315	0.27	0.0	1.0	31.9	38.2	-38.1	54.0	314	0.265	0.0	1.0	31.8	37.7	-38.4	53.8	314	0.75	0.0	1.0
347	316	315	0.766	0.0	1.0	43.5	66.4	-14.5	68.0	347	0.279	0.0	1.0	32.1	39.0	-37.6	54.2	316	0.279	0.0	1.0	32.1	38.5	-37.9	54.1	315	0.273	0.0	1.0	32.0	38.5	-37.9	54.1	315	0.767	0.0	1.0
348	317	316	0.783	0.0	1.0	43.8	66.9	-14.1	68.4	348	0.288	0.0	1.0	32.3	39.8	-37.1	54.5	317	0.288	0.0	1.0	32.3	39.3	-37.4	54.3	316	0.282	0.0	1.0	32.1	39.3	-37.4	54.3	316	0.783	0.0	1.0
348	318	317	0.8	0.0	1.0	44.2	67.3	-13.7	68.7	348	0.297	0.0	1.0	32.4	40.7	-36.5	54.7	318	0.297	0.0	1.0	32.4	40.0	-36.9	54.5	317	0.29	0.0	1.0	32.3	40.0	-36.9	54.5	317	0.8	0.0	1.0
348	319	318	0.816	0.0	1.0	44.6	67.8	-13.3	69.1	348	0.306	0.0	1.0	32.6	41.5	-36.0	55.0	319	0.306	0.0	1.0	32.6	40.8	-36.4	54.8	318	0.299	0.0	1.0	32.4	40.8	-36.4	54.8	318	0.817	0.0	1.0
349	320	319	0.833	0.0	1.0	45.0	68.3	-12.9	69.5	349	0.315	0.0	1.0	32.7	42.3	-35.4	55.2	320	0.315	0.0	1.0	32.7	42.3	-35.4	55.2	319	0.307	0.0	1.0	32.6	41.6	-35.9	55.0	319	0.833	0.0	1.0
349	321	320	0.85	0.0	1.0	45.3	68.8	-12.5	69.9	349	0.324	0.0	1.0	32.9	43.1	-34.8	55.5	321	0.324	0.0	1.0	32.9	42.4	-35.4	55.3	320	0.315	0.0	1.0	32.7	42.4	-35.4	55.3	320	0.85	0.0	1.0
350	322	321	0.866	0.0	1.0	45.7	69.2	-12.1	70.3	350	0.333	0.0	1.0	33.1	43.9	-34.2	55.8	322	0.333	0.0	1.0	33.1	43.2	-34.8	55.5	321	0.324	0.0	1.0	32.9	43.2	-34.8	55.5	321	0.867	0.0	1.0
350	323	322	0.883	0.0	1.0	46.1	69.7	-11.7	70.7	350	0.342	0.0	1.0	33.2	44.7	-33.6	56.0	323	0.342	0.0	1.0	33.2	43.9	-34.2	55.7	321	0.332	0.0	1.0	33.0	43.9	-34.2	55.7	321	0.883	0.0	1.0
350	324	323	0.9	0.0	1.0	46.4	70.1	-11.2	71.0	350	0.351	0.0	1.0	33.4	45.5	-33.0	56.3	324	0.351	0.0	1.0	33.4	44.7	-33.7	56.0	322	0.341	0.0	1.0	33.2	44.7	-33.7	56.0	322	0.9	0.0	1.0
351	325	324	0.916	0.0	1.0	46.7	70.6	-10.8	71.4	351	0.359	0.0	1.0	33.5	46.3	-32.3	56.5	325	0.359	0.0	1.0	33.5	45.4	-33.1	56.2	323	0.349	0.0	1.0	33.4	45.4	-33.1	56.2	323	0.917	0.0	1.0
351	326	325	0.933	0.0	1.0	47.0	71.0	-10.3	71.8	351	0.368	0.0	1.0	33.7	47.1	-31.6	56.8	326	0.368	0.0	1.0	33.7	46.9	-32.4	56.5	324	0.358	0.0	1.0	33.5	46.9	-32.4	56.5	324	0.933	0.0	1.0
352	327	326	0.95	0.0	1.0	47.3	71.5	-9.9	72.2	352	0.379	0.0	1.0	34.0	47.9	-31.0	57.1	327	0.379	0.0	1.0	34.0	47.1	-31.8	56.7	325	0.366	0.0	1.0	33.7	46.9	-31.8	56.7	325	0.95	0.0	1.0
352	328	327	0.966	0.0	1.0	47.6	71.9	-9.4	72.5	352	0.397	0.0	1.0	34.5	48.7	-30.4	57.5	328	0.397	0.0	1.0	34.5	48.7	-30.4	57.5	326	0.375	0.0	1.0	33.8	47.6	-31.2	57.0	326	0.967	0.0	1.0
352	329	328	0.983	0.0	1.0	47.9	72.4	-9.0	72.9	352	0.414	0.0	1.0	35.1	49.6	-29.7	57.9	329	0.414	0.0	1.0	35.1	49.6	-29.7	57.9	327	0.391	0.0	1.0	34.3	48.4	-30.6	57.3	327	0.983	0.0	1.0
353	330	329	1.0	0.0	1.0	48.2	72.8	-8.5	73.3	353	0.432	0.0	1.0	35.7	50.5	-29.1	58.3	330	0.432	0.0	1.0	35.7	50.5	-29.1	58.3	328	0.407	0.0	1.0	34.9	49.3	-30.0	57.7	328	1.0	0.0	1.0
353	331	330	1.0	0.0	0.983	48.2	72.7	-7.9	73.1	353	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	329	0.424	0.0	1.0	35.4	50.1	-29.4	58.1	329	1.0	0.0	0.983
354	332	331	1.0	0.0	0.966	48.2	72.5	-7.4	72.9	354	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	330	0.441	0.0	1.0	35.9	50.9	-28.7	58.5	330	1.0	0.0	0.967
354	333	332	1.0	0.0	0.95	48.2	72.4	-6.8	72.7	354	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	331	0.457	0.0	1.0	36.5	51.8	-28.1	58.9	331	1.0	0.0	0.95
355	334	333	1.0	0.0	0.933	48.2	72.2	-6.2	72.5	355	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	332	0.474	0.0	1.0	37.0	52.6	-27.4	59.3	332	1.0	0.0	0.933
355	335	334	1.0	0.0	0.916	48.2	72.0	-5.7	72.3	355	0.524	0.0	1.0	38.5	54.8	-25.5	60.5	335																			







http://130.149.60.45/~farbmetrik/RE55/RE55L0NP.PDF / PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 19/33

Table with columns: nuf, HHC\*Fe, rpb\*Fe, icr\*Fe, hsa\*Fe, LabCh\*Fe, rpb\*Fe, LabCh\*Fe, DF\*Fe, rpb\*Fe, Hsa\*Me, rpb\*Me, LabCh\*Me, and numerical values for various color patches.

Mean color difference of this page: delta E\* = 12.3

input: rgb/cmyk -> rgbe output: transfer to cmyke

TUB-test chart RE55; 1080 standard colours colors and differences, AE\*



http://130.149.60.45/~farbmetrik/RE55/RE55LONP.PDF /PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 21/33

Table with 16 columns: n, HHC\*Fe, rgb\*Fe, icr\*Fe, hsa\*Fe, rgb\*Fe, LabCh\*Fe, LabCh\*Fe, LabCh\*Fe, LabCh\*Fe, DF\*Fe, hsa\*Fe, rgb\*Fe, LabCh\*Fe, LabCh\*Fe, LabCh\*Fe. Rows 81-161.

Mean color difference of this page: delta E\* = 11.2

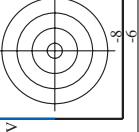
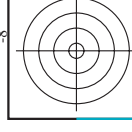
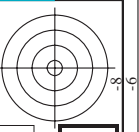
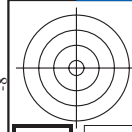
TUB-test chart RE55; 1080 standard colours colors and differences, AE\*

input: rgb/cmyk -> rgbe output: transfer to cmyke









http://130.149.60.45/~farbmetrik/RE55/RE55LONP.PDF /PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 24/33

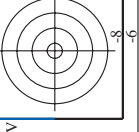
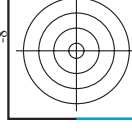
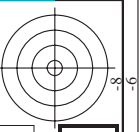
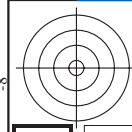
input: rgb/cmyk -> rgbe output: transfer to cmyke

Table with 15 columns: n, HHC\*Fe, rpb\*Fe, icr\*Fe, hsa\*Fe, rpb\*Fe, LabCH\*Fe, LabCH\*Fe, rpb\*Fe, LabCH\*Fe, DF\*Fe, Ham\*Fe, rpb\*Fe, LabCH\*Fe, LabCH\*Fe. Rows 324-404.

Mean color difference of this page: delta E\* = 12.8







http://130.149.60.45/~farbmetrik/RE55/RE55LONP.PDF /PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 26/33

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

Table with 15 columns: n, HHC\*Fe, rpb\*Fe, icr\*Fe, hsa\*Fe, rpb\*Fe, LabCH\*Fe, LabCH\*Fe, rpb\*Fe, rpb\*Fe, LabCH\*Fe, DF\*Fe, Hsa\*Fe, LabCH\*Fe, LabCH\*Fe. Rows 486-566.

Mean color difference of this page: delta E\* = 12.8

TUB-test chart RE55; 1080 standard colours colors and differences, AE\*

http://130.149.60.45/~farbmetrik/RE55/RE55LONP.PDF /PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 27/33

Table with 15 columns: n, HHC\*Fe, rpb\*Fe, icr\*Fe, hsa\*Fe, rpb\*Fe, LabCH\*Fe, LabCH\*Fe, rpb\*Fe, LabCH\*Fe, DF\*Fe, rpb\*Fe, LabCH\*Fe, rpb\*Fe, LabCH\*Fe. Rows 567-647.

input: rgb/cmyk -> rgbe output: transfer to cmyke

TUB-test chart RE55; 1080 standard colours colors and differences, ΔE\*

RE550-7N; Page 27/33-F

I-1032630-F0

http://130.149.60.45/~farbmetrik/RE55/RE55LONP.PDF /PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 28/33

Table with 15 columns: n, HHC\*Fe, rpb\*Fe, icr\*Fe, Hs\*Fe, rpb\*Fe, LabCh\*Fe, rpb\*Fe, LabCh\*Fe, DF\*Fe, Hs\*Fe, rpb\*Fe, LabCh\*Fe, rpb\*Fe, LabCh\*Fe. Rows include color names like R00Y, R38Y, B68R, etc.

Mean color difference of this page: delta E\* = 14.4

TUB-test chart RE55; 1080 standard colours colors and differences, AE\*

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







http://130.149.60.45/~farbmetrik/RE55/RE55LONP.PDF /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 31/33

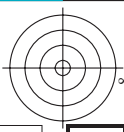
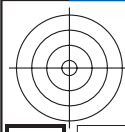
Table with 10 columns: n, H/C\*Fe, r/gb\*Fe, i/cr\*Fe, h/s\*Fe, r/gb\*Fe, LabC\*H\*Fe, LabC\*H\*Fe, r/gb\*Fe, DF\*Fe, h/s\*Fe, LabC\*H\*Fe, r/gb\*Fe, LabC\*H\*Fe, 0.0. Rows 891-971.

Mean color difference of this page:

input: rgb/cmyk -> rgbe output: transfer to cmyke

RES55-TN; Page 31/33-F

TUB-test chart RE55; 1080 standard colours colors and differences, ΔE\*



http://130.149.60.45/~farbmetrik/RE55/RE55L0NP.PDF /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 32/33

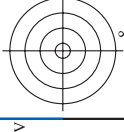
Table with 15 columns: n, HC\*Fe, rpb\*Fe, iet\*Fe, hsa\*Fe, rpb\*Fe, LabCIE\*Fe, LabCIE\*Fe, rpb\*Fe, LabCIE\*Fe, LabCIE\*Fe, rpb\*Fe, LabCIE\*Fe, LabCIE\*Fe, rpb\*Fe, LabCIE\*Fe. Rows 972-1052.

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

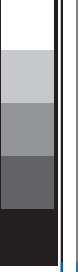
TUB-test chart RE55; 1080 standard colours colors and differences, ΔE\*

I=0133130-F0

RE550-TN; Page 32/33-F







http://130.149.60.45/~farbmetrik/RE55/RE55L0NP.PDF /.PS; transfer output N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 33/33

n	HC*Fe	rgb*Fe	LabC0*Fe	LabC0*Fe	rgb*Fe	LabC0*Fe	DF*Fe	Hs*Fe	rgb*Fe	LabC0*Fe	DF*Fe	Hs*Fe	rgb*Me	LabC0*Me	DF*Me	Hs*Me
1053	NW_086e	0.866	0.866	85.0	0.866	0.866	0.0	360	0.866	0.866	0.0	360	1.0	1.0	1.0	360
1054	NW_093e	0.933	0.933	90.2	0.933	0.933	0.0	360	0.933	0.933	0.0	360	1.0	1.0	1.0	360
1055	NW_100e	1.0	1.0	95.4	1.0	1.0	0.0	360	1.0	1.0	0.0	360	1.0	1.0	1.0	360
1056	NW_006e	0.066	0.066	22.8	0.066	0.066	0.0	360	0.066	0.066	0.0	360	1.0	1.0	1.0	360
1057	NW_013e	0.133	0.133	28.0	0.133	0.133	0.0	360	0.133	0.133	0.0	360	1.0	1.0	1.0	360
1058	NW_020e	0.2	0.2	33.2	0.2	0.2	0.0	360	0.266	0.266	0.0	360	1.0	1.0	1.0	360
1059	NW_026e	0.266	0.266	38.3	0.266	0.266	0.0	360	0.333	0.333	0.0	360	1.0	1.0	1.0	360
1060	NW_033e	0.333	0.333	43.6	0.333	0.333	0.0	360	0.4	0.4	0.0	360	1.0	1.0	1.0	360
1061	NW_040e	0.4	0.4	48.8	0.4	0.4	0.0	360	0.466	0.466	0.0	360	1.0	1.0	1.0	360
1062	NW_046e	0.466	0.466	53.9	0.466	0.466	0.0	360	0.533	0.533	0.0	360	1.0	1.0	1.0	360
1063	NW_053e	0.533	0.533	59.1	0.533	0.533	0.0	360	0.6	0.6	0.0	360	1.0	1.0	1.0	360
1064	NW_059e	0.591	0.591	64.3	0.6	0.6	0.0	360	0.666	0.666	0.0	360	1.0	1.0	1.0	360
1065	NW_066e	0.6	0.6	69.5	0.666	0.666	0.0	360	0.734	0.734	0.0	360	1.0	1.0	1.0	360
1066	NW_073e	0.734	0.734	74.7	0.734	0.734	0.0	360	0.8	0.8	0.0	360	1.0	1.0	1.0	360
1067	NW_079e	0.791	0.791	79.9	0.8	0.8	0.0	360	0.866	0.866	0.0	360	1.0	1.0	1.0	360
1068	NW_086e	0.866	0.866	85.0	0.866	0.866	0.0	360	0.933	0.933	0.0	360	1.0	1.0	1.0	360
1069	NW_093e	0.933	0.933	90.2	0.933	0.933	0.0	360	1.0	1.0	0.0	360	1.0	1.0	1.0	360
1070	NW_100e	1.0	1.0	95.4	1.0	1.0	0.0	360	1.0	1.0	0.0	360	1.0	1.0	1.0	360
1071	NW_006e	0.066	0.066	22.8	0.066	0.066	0.0	360	0.0	0.0	0.0	360	1.0	1.0	1.0	360
1072	NW_013e	0.133	0.133	28.0	0.133	0.133	0.0	360	0.0	0.0	0.0	360	1.0	1.0	1.0	360
1073	NW_020e	0.2	0.2	33.2	0.2	0.2	0.0	360	0.0	0.0	0.0	360	1.0	1.0	1.0	360
1074	ROXY_100_100e	1.0	1.0	95.4	1.0	1.0	0.0	360	1.0	1.0	0.0	360	1.0	1.0	1.0	360
1075	GS0B_100_100e	1.0	1.0	95.4	1.0	1.0	0.0	360	1.0	1.0	0.0	360	1.0	1.0	1.0	360
1076	Y06G_100_100e	1.0	1.0	95.4	1.0	1.0	0.0	360	1.0	1.0	0.0	360	1.0	1.0	1.0	360
1077	B06C_100_100e	1.0	1.0	95.4	1.0	1.0	0.0	360	1.0	1.0	0.0	360	1.0	1.0	1.0	360
1078	B50R_100_100e	1.0	1.0	95.4	1.0	1.0	0.0	360	1.0	1.0	0.0	360	1.0	1.0	1.0	360
1079	B50R_100_100e	1.0	1.0	95.4	1.0	1.0	0.0	360	1.0	1.0	0.0	360	1.0	1.0	1.0	360

Mean color difference of this page: delta E\* = 7.6

input: rgb/cmyk -> rgbe output: transfer to cmyke

TUB-test chart RE55; 1080 standard colours colors and differences, ΔE\*