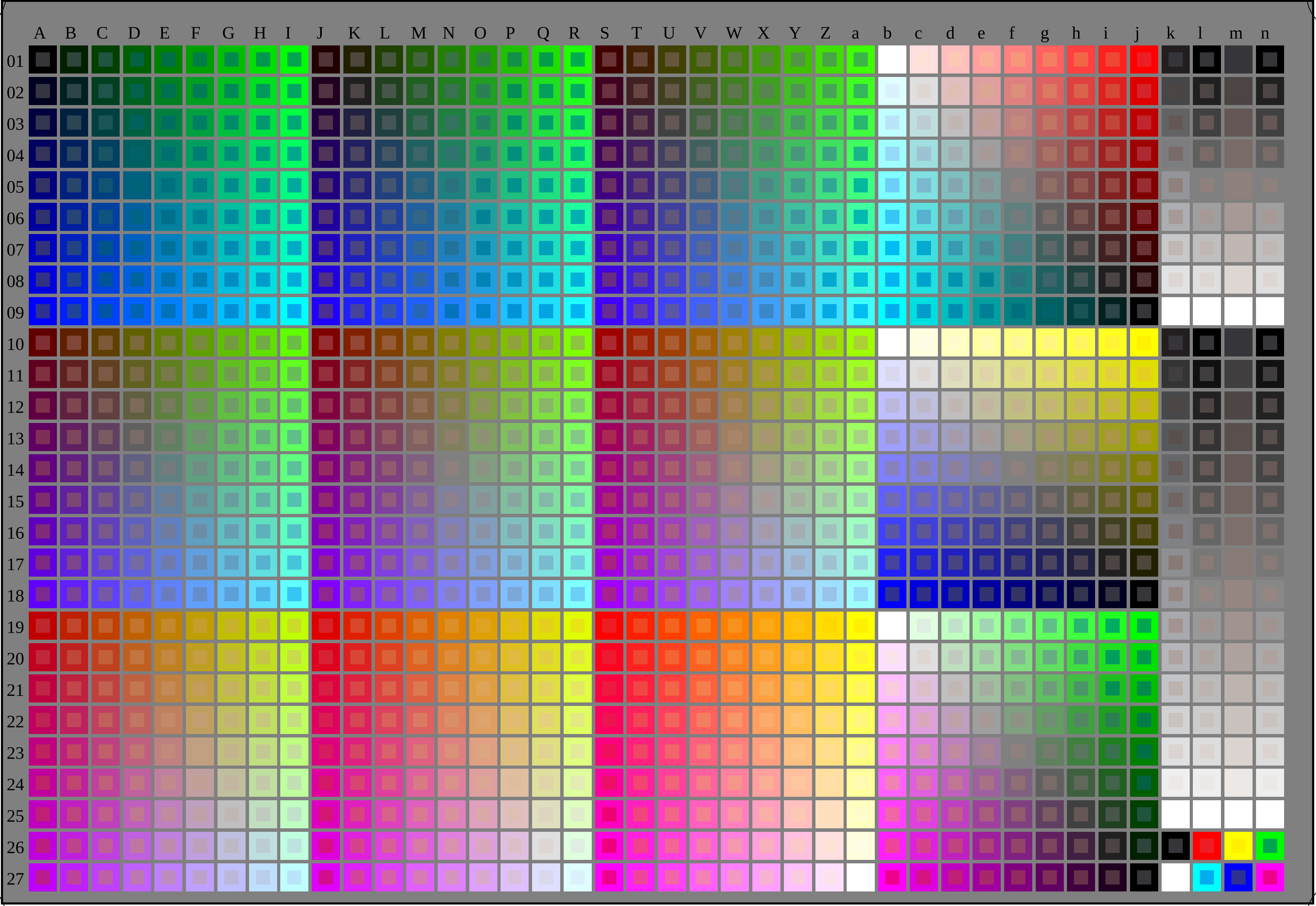
http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; start output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/33

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik



TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output

TUB material: code=rha4ta

RE670−7N_RGB 1−003030−L0

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

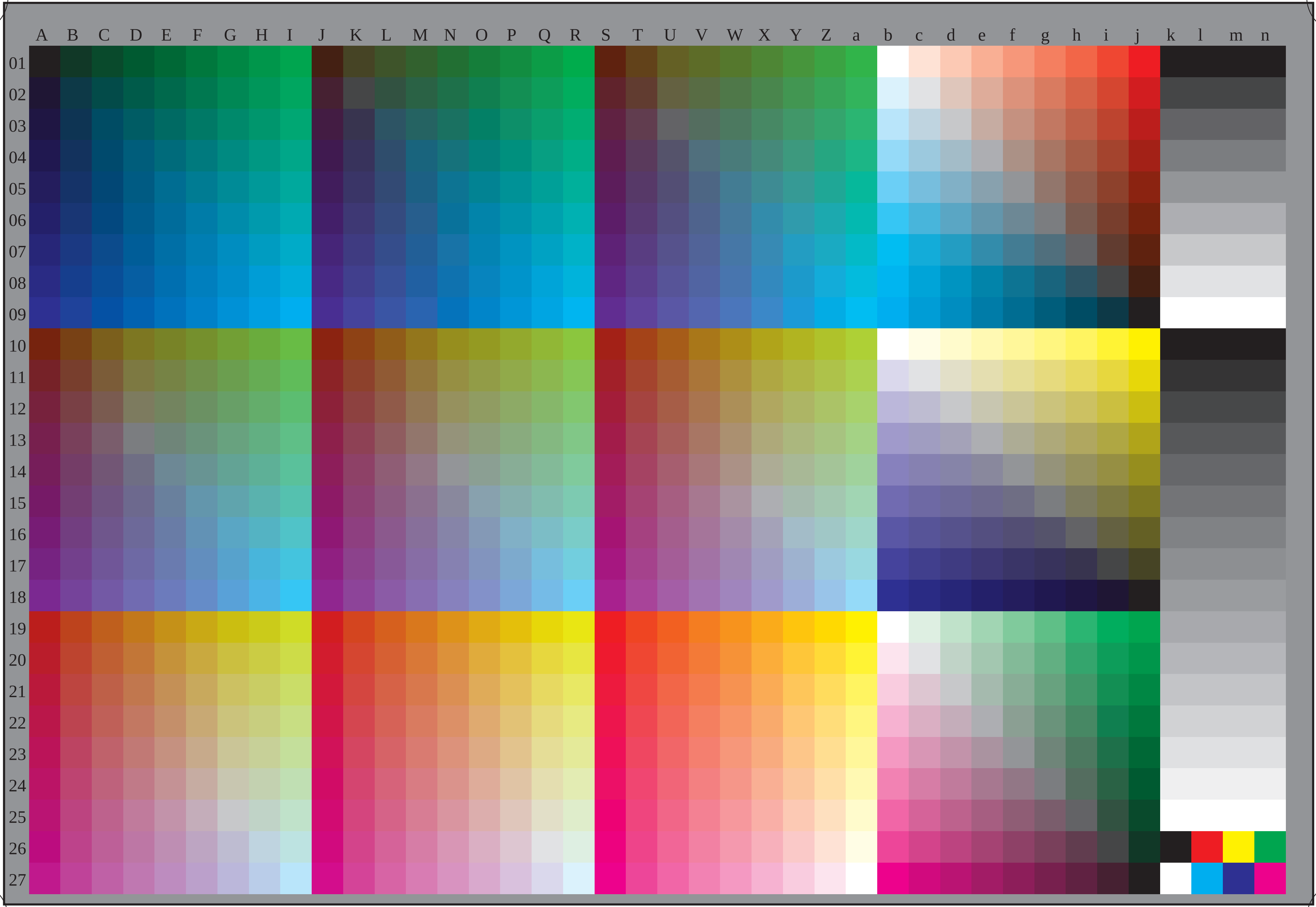
TUB-test chart RE67; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

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

RE6700P

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 2/33

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik



TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

RE670−70 1−003130−L0

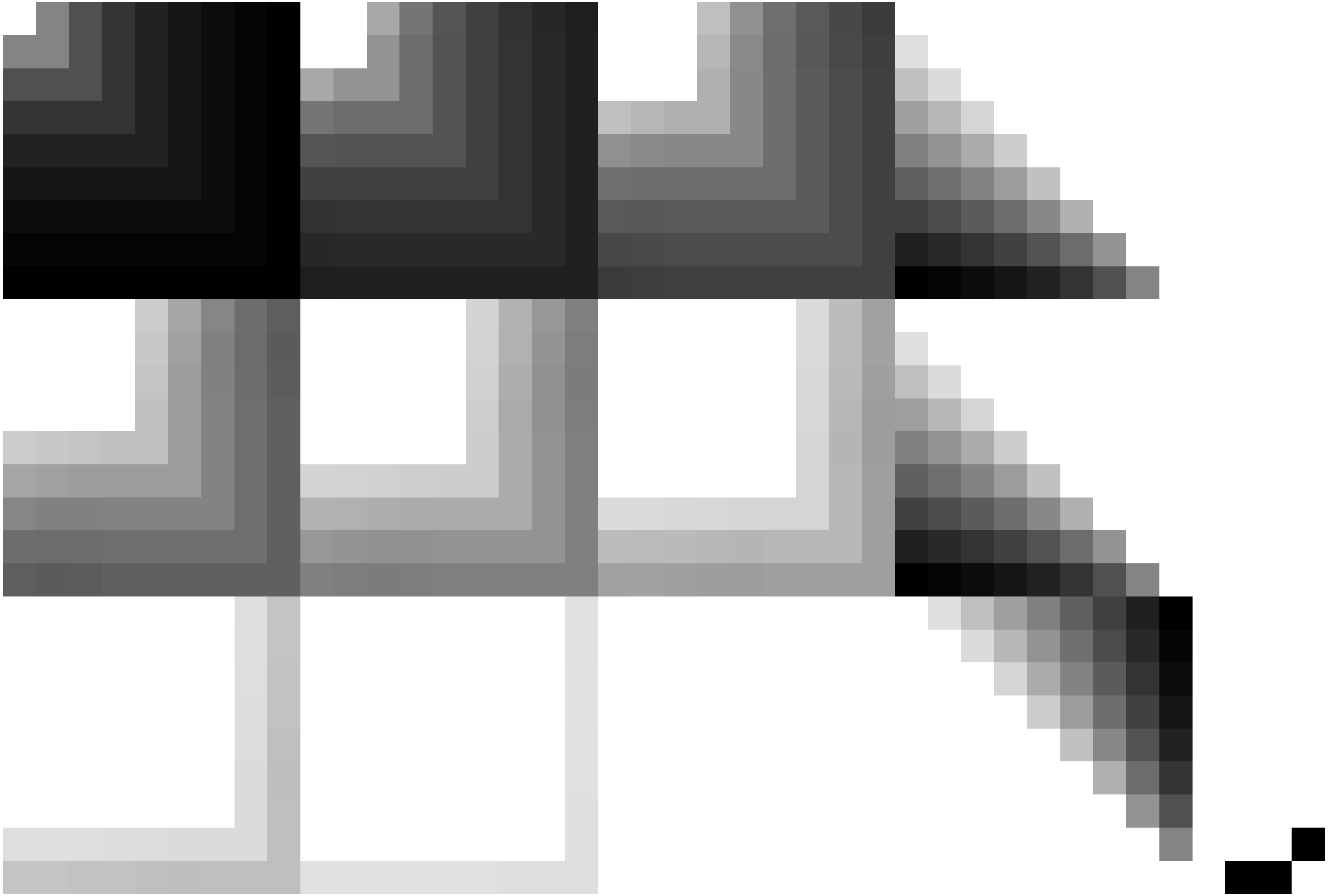
TUB-test chart RE67; 1080 standard colours, *cf*=1
Test chart according to DIN 33872, 3D=0, de=0, *cmyk*

input: *rgb/cmyk* −> *rgb*$_d$
output: transfer to *cmyk*$_d$

1−003130−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 3/33

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik



TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

RE670−70 1−003230−L0

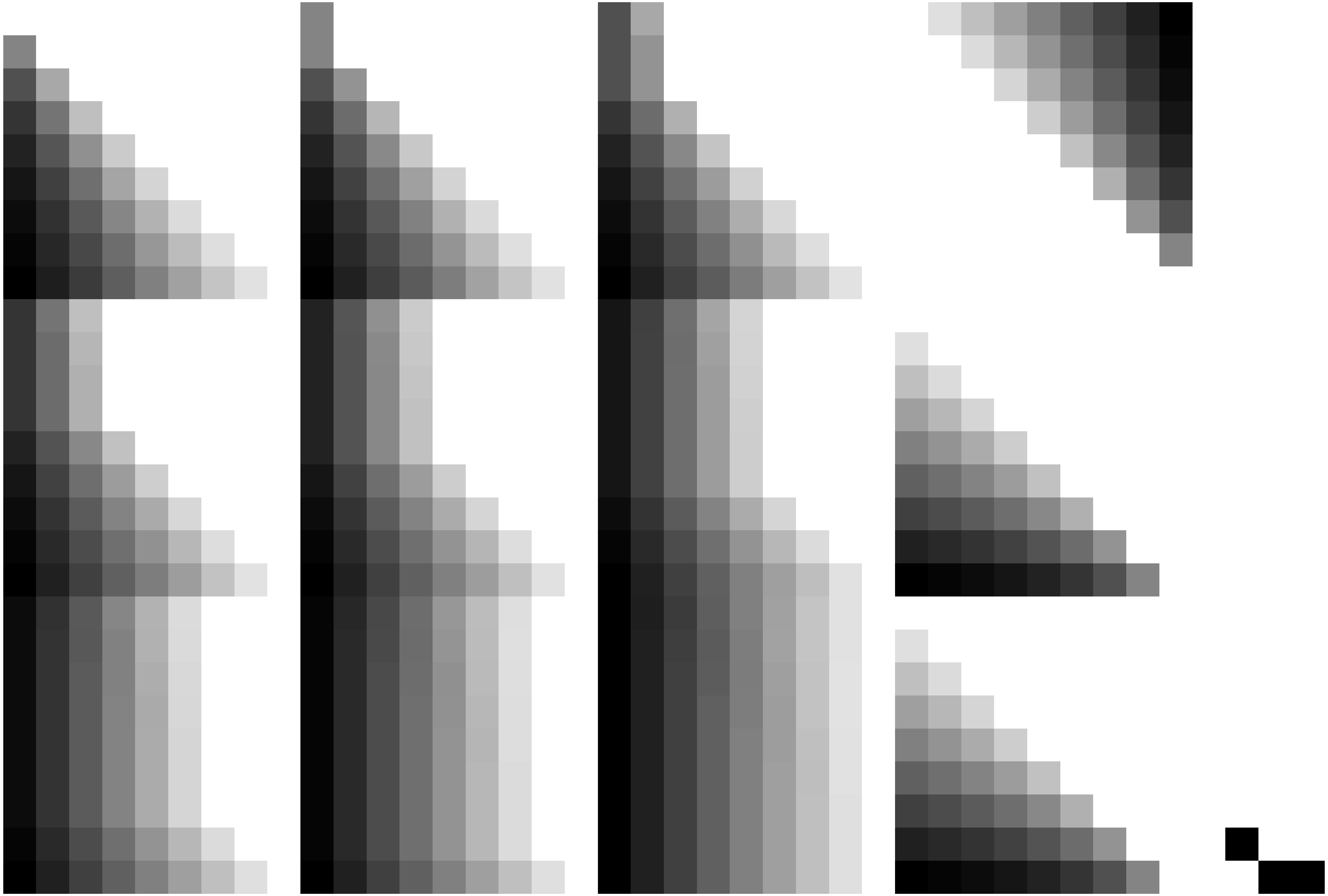
TUB-test chart RE67; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

input: *rgb/cmyk* −> *rgb*$_d$
output: transfer to *cmyk*$_d$

1−003230−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 4/33

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik



TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

RE670−70 1−003330−L0

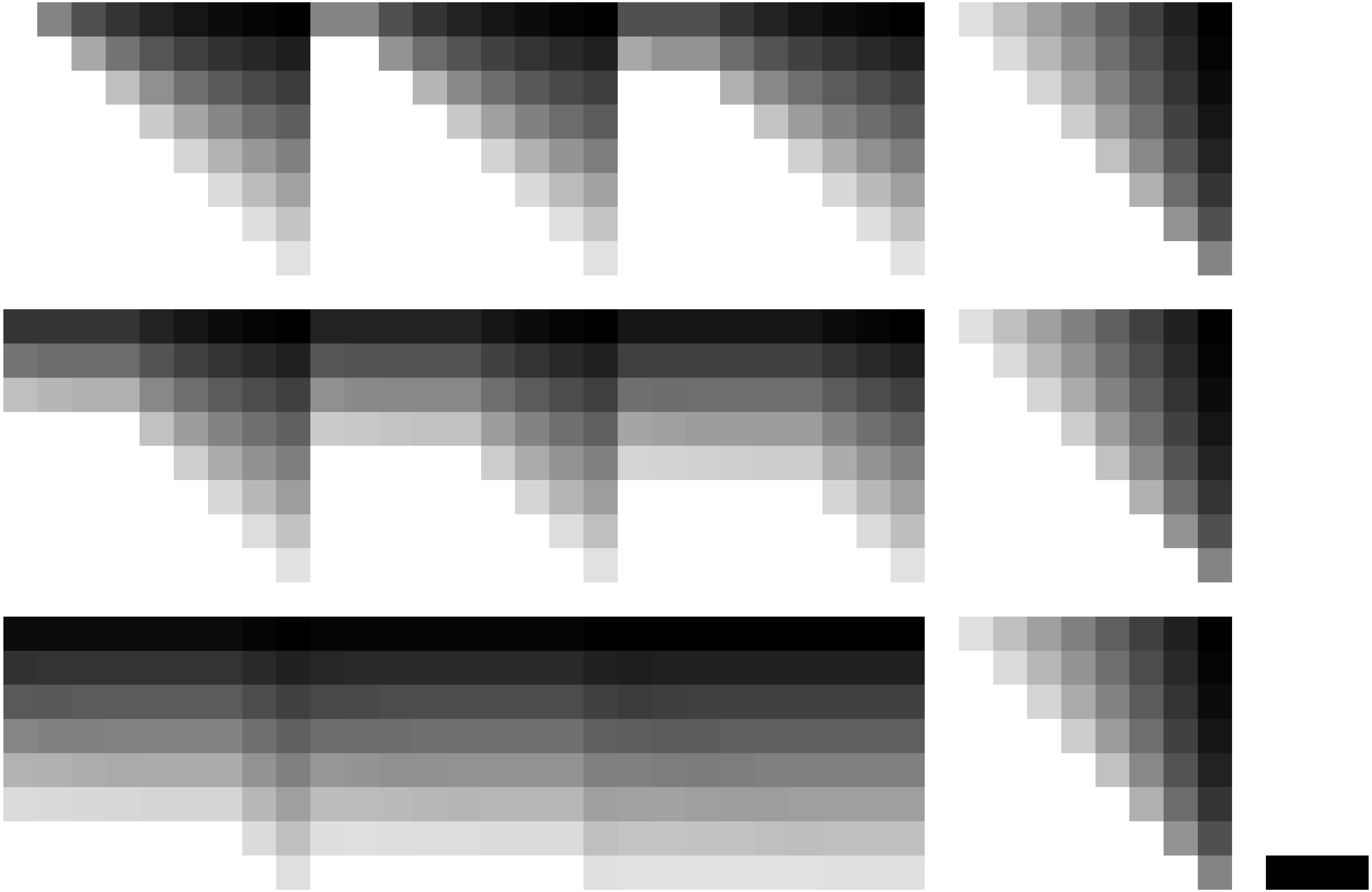
TUB-test chart RE67; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

input: *rgb/cmyk* −> rgb_d
output: transfer to $cmyk_d$

1−003330−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 5/33

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik



TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

RE670−70 1−003430−L0

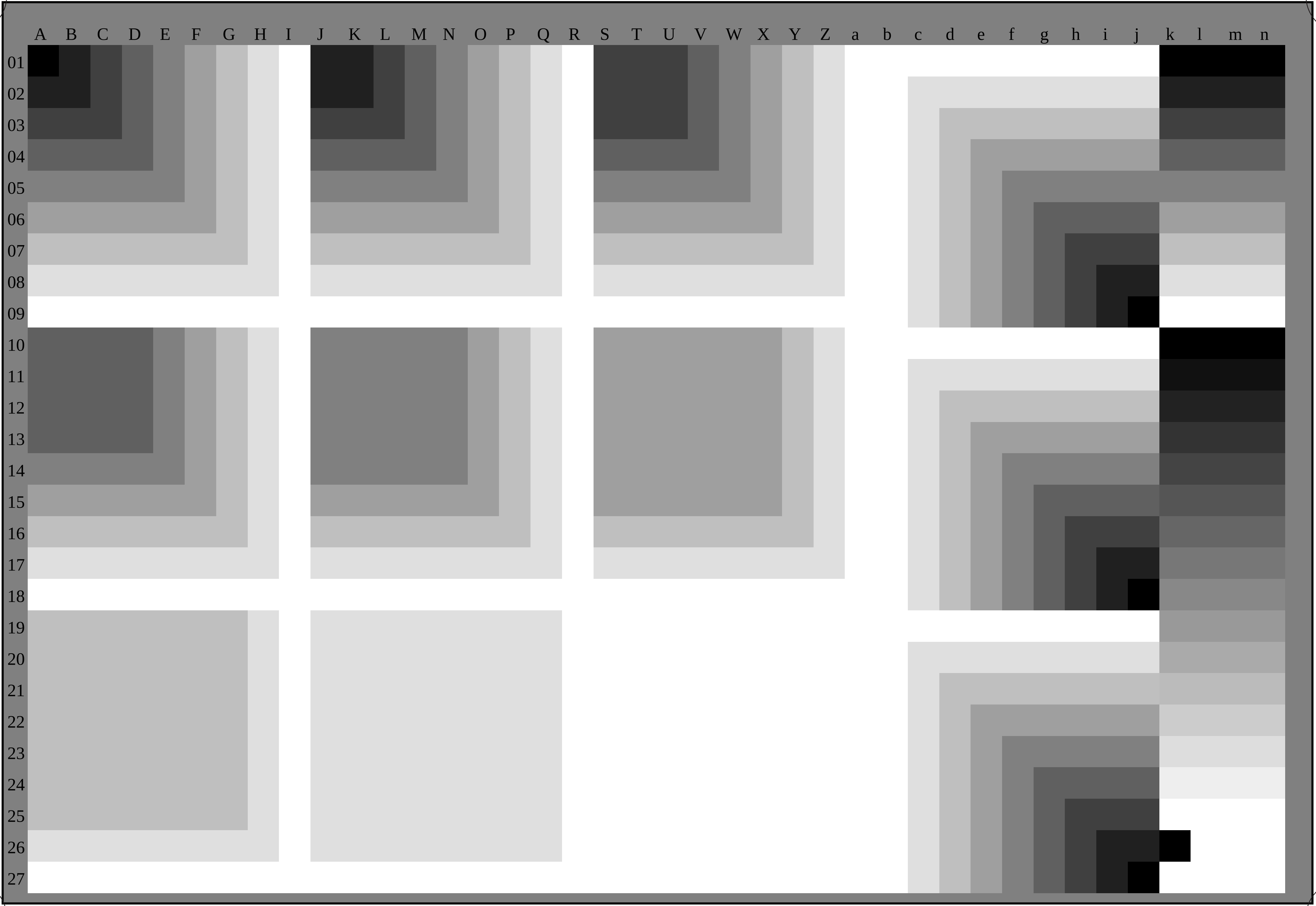
TUB-test chart RE67; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

input: *rgb/cmyk* −> rgb_d
output: transfer to $cmyk_d$

1−003430−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 6/33

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik



TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

RE670−70 1−003530−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 RE67; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

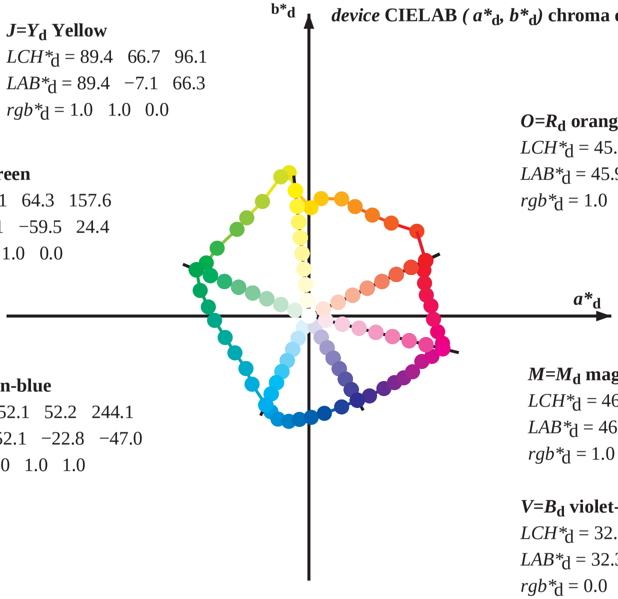
input: *rgb/cmyk* −> *rgb*$_d$
output: transfer to *cmyk*$_d$

1−003530−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.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 cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

***device* CIELAB (a^*_d, b^*_d) chroma diagram**



$J=Y_d$ Yellow
LCH^*_d = 89.4 66.7 96.1
LAB^*_d = 89.4 −7.1 66.3
rgb^*_d = 1.0 1.0 0.0

$O=R_d$ orange-red
LCH^*_d = 45.9 68.3 25.4
LAB^*_d = 45.9 61.7 29.3
rgb^*_d = 1.0 0.0 0.0

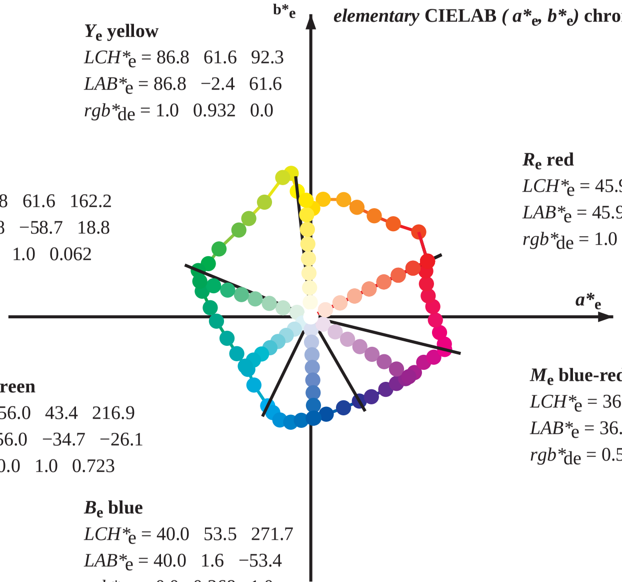
$L=G_d$ leaf-green
LCH^*_d = 54.1 64.3 157.6
LAB^*_d = 54.1 −59.5 24.4
rgb^*_d = 0.0 1.0 0.0

$C=C_d$ cyan-blue
LCH^*_d = 52.1 52.2 244.1
LAB^*_d = 52.1 −22.8 −47.0
rgb^*_d = 0.0 1.0 1.0

$M=M_d$ magenta-red
LCH^*_d = 46.8 72.8 346.2
LAB^*_d = 46.8 70.7 −17.3
rgb^*_d = 1.0 0.0 1.0

$V=B_d$ violet-blue
LCH^*_d = 32.3 51.4 299.9
LAB^*_d = 32.3 25.6 −44.5
rgb^*_d = 0.0 0.0 1.0

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



Y_e yellow
LCH^*_e = 86.8 61.6 92.3
LAB^*_e = 86.8 −2.4 61.6
rgb^*_{de} = 1.0 0.932 0.0

R_e red
LCH^*_e = 45.9 68.4 25.4
LAB^*_e = 45.9 61.7 29.4
rgb^*_{de} = 1.0 0.0 0.0

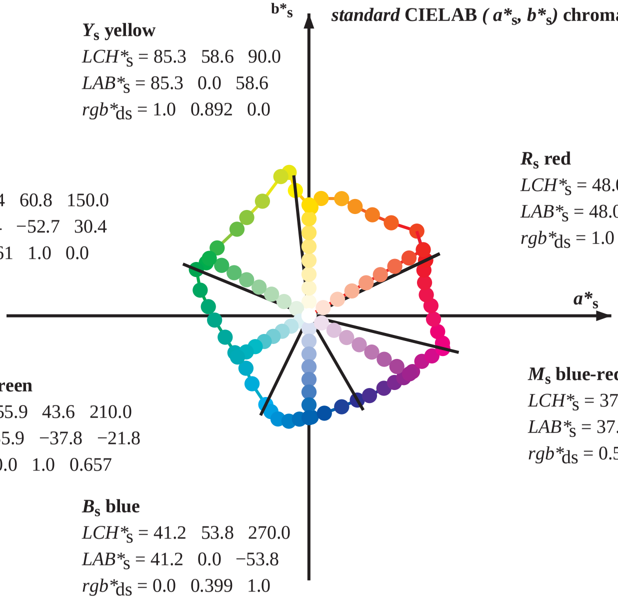
G_e green
LCH^*_e = 53.8 61.6 162.2
LAB^*_e = 53.8 −58.7 18.8
rgb^*_{de} = 0.0 1.0 0.062

C_e blue-green
LCH^*_e = 56.0 43.4 216.9
LAB^*_e = 56.0 −34.7 −26.1
rgb^*_{de} = 0.0 1.0 0.723

M_e blue-red
LCH^*_e = 36.4 60.6 328.6
LAB^*_e = 36.4 51.8 −31.6
rgb^*_{de} = 0.544 0.0 1.0

B_e blue
LCH^*_e = 40.0 53.5 271.7
LAB^*_e = 40.0 1.6 −53.4
rgb^*_{de} = 0.0 0.368 1.0

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



Y_s yellow
LCH^*_s = 85.3 58.6 90.0
LAB^*_s = 85.3 0.0 58.6
rgb^*_{ds} = 1.0 0.892 0.0

R_s red
LCH^*_s = 48.0 69.8 30.0
LAB^*_s = 48.0 60.5 34.9
rgb^*_{ds} = 1.0 0.045 0.0

G_s green
LCH^*_s = 58.4 60.8 150.0
LAB^*_s = 58.4 −52.7 30.4
rgb^*_{ds} = 0.161 1.0 0.0

C_s blue-green
LCH^*_s = 55.9 43.6 210.0
LAB^*_s = 55.9 −37.8 −21.8
rgb^*_{ds} = 0.0 1.0 0.657

M_s blue-red
LCH^*_s = 37.2 61.3 330.0
LAB^*_s = 37.2 53.1 −30.6
rgb^*_{ds} = 0.58 0.0 1.0

B_s blue
LCH^*_s = 41.2 53.8 270.0
LAB^*_s = 41.2 0.0 −53.8
rgb^*_{ds} = 0.0 0.399 1.0

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

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

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

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

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

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

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

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

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

5. For any elementary hue angle $h_{ab,e}$ there is a well defined device hue angle $h_{ab,d}$ see the following tables, columns 1 to 5 or 1 to 4.
6. The values *rgb*$^*_{de}$ produce the output of the device-independent elementary hues

RE670−70 1−003630−L0 LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 7/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_d$
output: transfer to *cmyk*$_d$

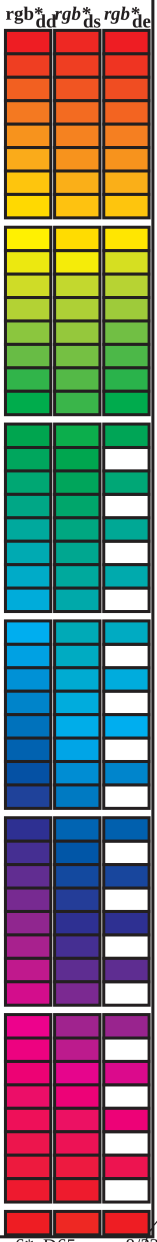
http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 8/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd64M}			LAB^*_{ddx64M} (x=LabCh)					$rgb^*_{ddx361M}$			$LAB^*_{ddx361M}$ (x=LabCh)					$rgb^*_{dsx361M}$			$LAB^*_{dsx361M}$ (x=LabCh)					$rgb^*_{dex361M}$			$LAB^*_{dex361M}$				
25.4	30.0	25.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4	1.0	0.0	0.0	45.9	61.8	29.3	68.4	25	1.0	0.045	0.0	48.1	60.5	34.9	69.9	30	1.0	0.001	0.0	45.9	61.8	29.4	68.4	25
38.1	37.5	33.8	1.0	0.125	0.0	51.8	57.0	44.8	72.5	38.1	1.0	0.117	0.0	51.5	57.5	43.8	72.3	37	1.0	0.114	0.0	51.3	57.7	43.4	72.2	37	1.0	0.077	0.0	49.6	59.3	38.9	71.0	33
48.4	45.0	42.1	1.0	0.25	0.0	58.5	43.6	49.1	65.7	48.4	1.0	0.25	0.0	58.5	43.6	49.2	65.7	48	1.0	0.208	0.0	56.3	48.1	48.1	68.0	45	1.0	0.174	0.0	54.5	51.8	46.9	69.9	42
57.8	52.5	50.5	1.0	0.375	0.0	64.3	33.5	53.4	63.0	57.8	1.0	0.367	0.0	63.9	34.2	53.2	63.2	57	1.0	0.297	0.0	60.7	39.8	51.0	64.7	52	1.0	0.271	0.0	59.5	42.0	50.0	65.3	49
67.1	60.0	58.8	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1	1.0	0.5	0.0	69.6	24.4	57.9	62.8	67	1.0	0.404	0.0	65.5	31.5	54.6	63.0	60	1.0	0.389	0.0	64.9	32.6	54.0	63.0	58
74.3	67.5	67.2	1.0	0.625	0.0	73.7	17.3	61.9	64.3	74.3	1.0	0.617	0.0	73.5	17.9	61.7	64.3	73	1.0	0.498	0.0	69.5	24.5	57.8	62.8	67	1.0	0.494	0.0	69.3	24.9	57.7	62.8	66
83.9	75.0	75.6	1.0	0.75	0.0	80.6	6.5	62.0	62.4	83.9	1.0	0.75	0.0	80.6	6.5	62.1	62.4	83	1.0	0.633	0.0	74.2	16.6	62.1	64.2	75	1.0	0.641	0.0	74.7	15.9	62.1	64.1	75
88.9	82.5	83.9	1.0	0.875	0.0	84.6	1.0	57.3	57.3	88.9	1.0	0.867	0.0	84.4	1.4	57.7	57.7	88	1.0	0.724	0.0	79.2	8.7	62.2	62.8	82	1.0	0.742	0.0	80.2	7.2	62.1	62.6	83
96.1	90.0	92.3	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1	1.0	1.0	0.0	89.5	−7.1	66.4	66.7	96	1.0	0.893	0.0	85.3	0.0	58.7	58.7	90	1.0	0.933	0.0	86.9	−2.4	61.6	61.7	92
97.8	97.5	101.0	0.875	1.0	0.0	91.1	−10.3	75.8	76.5	97.8	0.883	1.0	0.0	91.0	−10.1	75.3	75.9	97	0.936	1.0	0.0	90.3	−8.6	71.3	71.8	97	0.782	1.0	0.0	88.7	−13.6	74.3	75.5	100
101.3	105.0	109.7	0.75	1.0	0.0	87.9	−14.8	73.6	75.1	101.3	0.75	1.0	0.0	87.9	−14.7	73.7	75.1	101	0.708	1.0	0.0	85.1	−18.5	69.4	71.8	105	0.652	1.0	0.0	81.3	−22.8	63.5	67.5	109
112.0	112.5	118.5	0.625	1.0	0.0	79.4	−24.5	60.6	65.4	112.0	0.633	1.0	0.0	80.0	−24.0	61.5	66.1	111	0.626	1.0	0.0	79.5	−24.4	60.7	65.5	112	0.553	1.0	0.0	75.6	−29.5	55.8	63.2	117
122.3	120.0	127.2	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3	0.5	1.0	0.0	72.6	−32.8	52.0	61.5	122	0.528	1.0	0.0	74.2	−31.1	54.0	62.4	120	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127
129.7	127.5	136.0	0.375	1.0	0.0	68.1	−38.1	45.8	59.6	129.7	0.383	1.0	0.0	68.4	−37.7	46.3	59.7	129	0.421	1.0	0.0	69.8	−36.2	48.2	60.3	127	0.323	1.0	0.0	65.4	−42.6	42.1	59.9	135
143.4	135.0	144.7	0.25	1.0	0.0	61.4	−48.5	35.9	60.3	143.4	0.25	1.0	0.0	61.5	−48.4	35.9	60.4	143	0.327	1.0	0.0	65.6	−42.3	42.4	59.9	135	0.233	1.0	0.0	60.9	−49.3	34.9	60.5	144
152.6	142.5	153.4	0.125	1.0	0.0	57.2	−54.2	28.0	61.0	152.6	0.133	1.0	0.0	57.5	−53.8	28.6	61.0	152	0.264	1.0	0.0	62.2	−47.4	37.1	60.3	142	0.119	1.0	0.0	57.1	−54.4	27.9	61.2	152
157.6	150.0	162.2	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6	0.0	1.0	0.0	54.1	−59.4	24.5	64.4	157	0.161	1.0	0.0	58.5	−52.6	30.4	60.9	150	0.0	1.0	0.063	53.9	−58.6	18.8	61.7	162
166.7	157.5	169.0	0.0	1.0	0.125	53.6	−57.4	13.5	59.0	166.7	0.0	1.0	0.117	53.7	−57.6	14.2	59.4	166	0.016	1.0	0.0	54.6	−58.7	25.0	63.9	157	0.0	1.0	0.154	53.6	−56.5	11.4	57.7	168
174.8	165.0	175.9	0.0	1.0	0.25	53.7	−53.2	4.8	53.4	174.8	0.0	1.0	0.25	53.8	−53.1	4.8	53.4	174	0.0	1.0	0.101	53.7	−57.9	15.5	60.1	165	0.0	1.0	0.267	53.9	−52.7	3.8	53.0	175
182.6	172.5	182.7	0.0	1.0	0.375	54.4	−49.8	−2.2	49.9	182.6	0.0	1.0	0.367	54.4	−50.0	−1.7	50.2	182	0.0	1.0	0.206	53.7	−54.8	7.7	55.4	172	0.0	1.0	0.37	54.4	−49.9	−1.9	50.1	182
194.3	180.0	189.6	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3	0.0	1.0	0.5	55.5	−44.2	−11.2	45.7	194	0.0	1.0	0.333	54.2	−51.0	0.0	51.1	180	0.0	1.0	0.45	55.0	−46.7	−7.8	47.4	189
206.4	187.5	196.4	0.0	1.0	0.625	55.9	−39.1	−19.5	43.7	206.4	0.0	1.0	0.617	55.9	−39.5	−18.9	43.9	205	0.0	1.0	0.422	54.8	−47.9	−5.8	48.4	187	0.0	1.0	0.517	55.5	−43.6	−12.4	45.5	195
219.8	195.0	203.2	0.0	1.0	0.75	56.0	−33.2	−27.7	43.3	219.8	0.0	1.0	0.75	56.0	−33.2	−27.7	43.4	219	0.0	1.0	0.507	55.5	−44.0	−11.7	45.6	195	0.0	1.0	0.592	55.8	−40.6	−17.4	44.3	203
230.0	202.5	210.1	0.0	1.0	0.875	54.4	−30.1	−36.0	46.9	230.0	0.0	1.0	0.867	54.5	−30.3	−35.4	46.7	229	0.0	1.0	0.579	55.8	−41.1	−16.6	44.5	202	0.0	1.0	0.655	56.0	−37.8	−21.5	43.7	209
244.1	210.0	216.9	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1	0.0	1.0	1.0	52.1	−22.7	−46.9	52.3	244	0.0	1.0	0.658	56.0	−37.7	−21.7	43.7	210	0.0	1.0	0.723	56.0	−34.6	−26.0	43.4	216
248.3	217.5	223.8	0.0	0.875	1.0	51.4	−20.0	−50.6	54.4	248.3	0.0	0.883	1.0	51.5	−20.2	−50.3	54.3	248	0.0	1.0	0.724	56.0	−34.6	−26.0	43.4	217	0.0	1.0	0.793	55.5	−32.3	−30.5	44.6	223
253.2	225.0	230.6	0.0	0.75	1.0	51.5	−16.4	−54.5	56.9	253.2	0.0	0.75	1.0	51.6	−16.3	−54.4	57.0	253	0.0	1.0	0.813	55.2	−31.8	−31.8	45.2	225	0.0	1.0	0.88	54.3	−29.8	−36.4	47.2	230
259.2	232.5	237.5	0.0	0.625	1.0	49.3	−10.5	−55.7	56.7	259.2	0.0	0.633	1.0	49.5	−10.9	−55.6	56.8	258	0.0	1.0	0.892	54.1	−29.3	−37.5	47.7	232	0.0	1.0	0.937	53.3	−26.9	−41.5	49.6	237
264.7	240.0	244.3	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7	0.0	0.5	1.0	45.4	−5.0	−54.6	54.9	264	0.0	1.0	0.963	52.8	−25.3	−43.8	50.7	240	0.0	0.993	1.0	52.1	−22.6	−47.2	52.4	244
271.3	247.5	251.2	0.0	0.375	1.0	40.2	1.2	−53.5	53.5	271.3	0.0	0.383	1.0	40.6	0.8	−53.6	53.7	270	0.0	0.915	1.0	51.6	−20.9	−49.4	53.8	247	0.0	0.814	1.0	51.5	−18.3	−52.5	55.7	250
278.9	255.0	258.0	0.0	0.25	1.0	35.8	8.1	−51.5	52.1	278.9	0.0	0.25	1.0	35.8	8.2	−51.4	52.2	278	0.0	0.713	1.0	50.9	−14.6	−54.9	56.9	255	0.0	0.65	1.0	49.8	−11.7	−55.5	56.8	258
289.8	262.5	264.8	0.0	0.125	1.0	34.5	17.3	−48.1	51.1	289.8	0.0	0.133	1.0	34.7	16.8	−48.3	51.2	289	0.0	0.562	1.0	47.4	−7.7	−55.2	55.8	262	0.0	0.506	1.0	45.6	−5.2	−54.6	55.0	264
299.9	270.0	271.7	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9	0.0	0.0	1.0	32.4	25.7	−44.5	51.4	299	0.0	0.4	1.0	41.3	0.0	−53.8	53.9	270	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271
307.1	277.5	278.8	0.125	0.0	1.0	31.4	32.0	−42.2	53.0	307.1	0.117	0.0	1.0	31.5	31.6	−42.3	52.9	306	0.0	0.282	1.0	37.0	6.4	−52.1	52.5	277	0.0	0.26	1.0	36.2	7.6	−51.6	52.3	278
315.9	285.0	285.9	0.25	0.0	1.0	30.9	39.6	−38.3	55.1	315.9	0.25	0.0	1.0	30.9	39.7	−38.3	55.2	315	0.0	0.181	1.0	35.1	13.4	−49.8	51.6	285	0.0	0.17	1.0	35.0	14.2	−49.4	51.5	285
322.1	292.5	293.0	0.375	0.0	1.0	33.0	45.3	−35.2	57.3	322.1	0.367	0.0	1.0	32.9	44.9	−35.4	57.3	321	0.0	0.098	1.0	34.1	19.2	−47.4	51.2	292	0.0	0.091	1.0	34.0	19.7	−47.2	51.2	292
326.8	300.0	300.1	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326	0.001	0.0	1.0	32.4	25.7	−44.4	51.4	300	0.004	0.0	1.0	32.3	25.9	−44.4	51.5	300
331.7	307.5	307.2	0.625	0.0	1.0	38.2	54.8	−29.4	62.2	331.7	0.617	0.0	1.0	38.1	54.5	−29.6	62.1	331	0.122	0.0	1.0	31.4	31.9	−42.2	53.0	307	0.119	0.0	1.0	31.5	31.7	−42.3	52.9	306
338.0	315.0	314.3	0.75	0.0	1.0	40.5	59.7	−24.0	64.3	338.0	0.75	0.0	1.0	40.6	59.7	−24.0	64.4	338	0.236	0.0	1.0	31.0	38.9	−38.8	55.0	315	0.227	0.0	1.0	31.0	38.3	−39.1	54.8	314
341.8	322.5	321.4	0.875	0.0	1.0	43.0	65.0	−21.2	68.4	341.8	0.867	0.0	1.0	42.9	64.7	−21.4	68.1	341	0.372	0.0	1.0	33.0	45.2	−35.2	57.3	322	0.352	0.0	1.0	32.7	44.3	−35.8	57.0	321
346.2	330.0	328.6	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2	1.0	0.0	1.0	46.8	70.8	−17.2	72.9	346	0.58	0.0	1.0	37.3	53.2	−30.6	61.4	330	0.545	0.0	1.0	36.4	51.8	−31.5	60.7	328
348.4	337.5	335.7	1.0	0.0	0.875	46.1	70.6	−14.4	72.0	348.4	1.0	0.0	0.883	46.2	70.6	−14.5	72.1	348	0.729	0.0	1.0	40.2	58.9	−24.9	64.0	337	0.694	0.0	1.0	39.5	57.6	−26.5	63.4	335
353.0	345.0	342.8	1.0	0.0	0.75	45.3	68.1	−8.3	68.6	353.0	1.0	0.0	0.75	45.4	68.1	−8.2	68.6	353	0.964	0.0	1.0	45.8	69.1	−18.4	71.6	345	0.902	0.0	1.0	43.9	66.3	−20.4	69.4	342
358.5	352.5	349.9	1.0	0.0	0.625	45.1	65.9	−1.7	65.9	358.5	1.0	0.0	0.633	45.1	66.1	−2.0	66.2	358	1.0	0.0	0.778	45.6	68.7	−9.6	69.4	352	1.0	0.0	0.848	46.0	70.1	−12.9	71.3	349
364.7	360.0	357.0	1.0	0.0	0.5	44.4	64.5	5.3	64.7	364.7	1.0	0.0	0.5	44.5	64.5	5.4	64.7	364	1.0	0.0	0.595	45.0	65.7	0.0	65.7	360	1.0	0.0	0.776	45.6	68.7	−9.5	69.4	352
370.1	367.5	364.1	1.0	0.0	0.375	44.8	62.0	11.0	63.0	370.1	1.0	0.0	0.383	44.8	62.3	10.7	63.2	369	1.0	0.0	0.448	44.6	63.6	7.8	64.0	367	1.0	0.0	0.598	45.0	65.7	−0.1	65.7	359
375.9	375.0	371.2	1.0	0.0	0.25	45.0	61.1	17.4	63.6	375.9	1.0	0.0	0.25	45.1	61.2	17.5	63.6	375	1.0	0.0	0.271	45.0	61.4	16.4	63.5	375	1.0	0.0	0.407	44.7	62.8	9.7	63.5	368
381.6	382.5	378.3	1.0	0.0	0.125	46.0	60.8	24.1	65.4	381.6	1.0	0.0	0.133	46.0	60.9	23.7	65.4	381	1.0	0.0	0.113	46.0	61.0	24.6	65.8	382	1.0	0.0	0.237	45.2	61.2	18.2	63.8	376
385.4	390.0	385.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	385.4	1.0	0.0	0.0	45.9	61.8	29.3	68.4	385	1.0	0.045	0.0	48.1	60.5	34.9	69.9	390	1.0	0.001	0.0	45.9	61.8	29.4	68.4	385



RE670−70 1−003730−L0 LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmyn6*, D65, page 8/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_d$
output: transfer to *cmyk*$_d$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−003730−F0

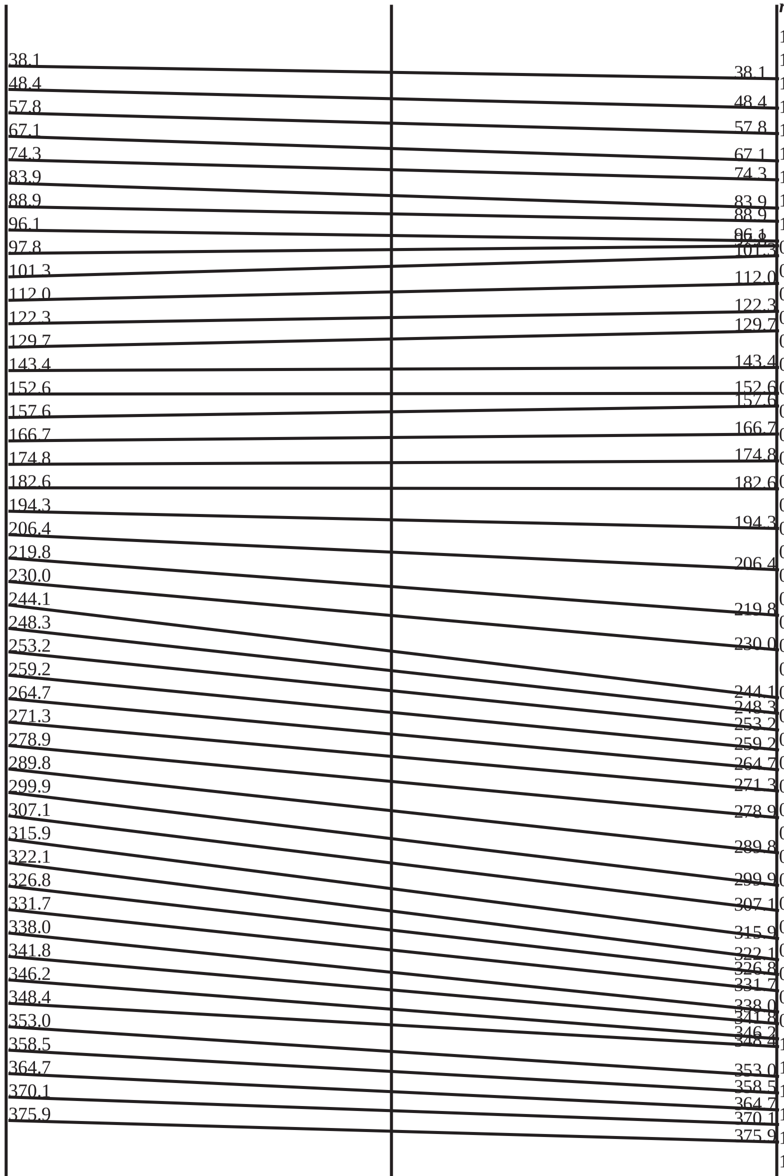
http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 9/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

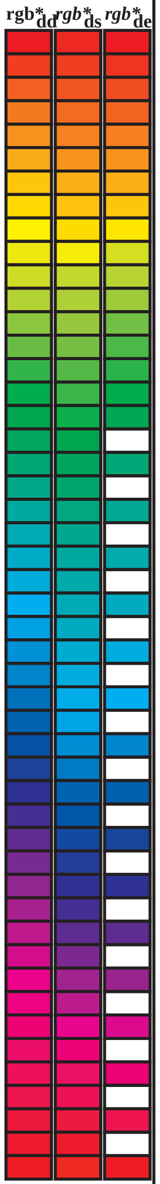
TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd64M			*LAB**ddx64M (x=LabCh)				
25.4	30.0	25.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
38.1	37.5	33.8	1.0	0.125	0.0	51.8	57.0	44.8	72.5	38.1
48.4	45.0	42.1	1.0	0.25	0.0	58.5	43.6	49.1	65.7	48.4
57.8	52.5	50.5	1.0	0.375	0.0	64.3	33.5	53.4	63.0	57.8
67.1	60.0	58.8	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
74.3	67.5	67.2	1.0	0.625	0.0	73.7	17.3	61.9	64.3	74.3
83.9	75.0	75.6	1.0	0.75	0.0	80.6	6.5	62.0	62.4	83.9
88.9	82.5	83.9	1.0	0.875	0.0	84.6	1.0	57.3	57.3	88.9
96.1	90.0	92.3	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
97.8	97.5	101.0	0.875	1.0	0.0	91.1	−10.3	75.8	76.5	97.8
101.3	105.0	109.7	0.75	1.0	0.0	87.9	−14.8	73.6	75.1	101.3
112.0	112.5	118.5	0.625	1.0	0.0	79.4	−24.5	60.6	65.4	112.0
122.3	120.0	127.2	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
129.7	127.5	136.0	0.375	1.0	0.0	68.1	−38.1	45.8	59.6	129.7
143.4	135.0	144.7	0.25	1.0	0.0	61.4	−48.5	35.9	60.3	143.4
152.6	142.5	153.4	0.125	1.0	0.0	57.2	−54.2	28.0	61.0	152.6
157.6	150.0	162.2	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
166.7	157.5	169.0	0.0	1.0	0.125	53.6	−57.4	13.5	59.0	166.7
174.8	165.0	175.9	0.0	1.0	0.25	53.7	−53.2	4.8	53.4	174.8
182.6	172.5	182.7	0.0	1.0	0.375	54.4	−49.8	−2.2	49.9	182.6
194.3	180.0	189.6	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
206.4	187.5	196.4	0.0	1.0	0.625	55.9	−39.1	−19.5	43.7	206.4
219.8	195.0	203.2	0.0	1.0	0.75	56.0	−33.2	−27.7	43.3	219.8
230.0	202.5	210.1	0.0	1.0	0.875	54.4	−30.1	−36.0	46.9	230.0
244.1	210.0	216.9	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
248.3	217.5	223.8	0.0	0.875	1.0	51.4	−20.0	−50.6	54.4	248.3
253.2	225.0	230.6	0.0	0.75	1.0	51.5	−16.4	−54.5	56.9	253.2
259.2	232.5	237.5	0.0	0.625	1.0	49.3	−10.5	−55.7	56.7	259.2
264.7	240.0	244.3	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
271.3	247.5	251.2	0.0	0.375	1.0	40.2	1.2	−53.5	53.5	271.3
278.9	255.0	258.0	0.0	0.25	1.0	35.8	8.1	−51.5	52.1	278.9
289.8	262.5	264.8	0.0	0.125	1.0	34.5	17.3	−48.1	51.1	289.8
299.9	270.0	271.7	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
307.1	277.5	278.8	0.125	0.0	1.0	31.4	32.0	−42.2	53.0	307.1
315.9	285.0	285.9	0.25	0.0	1.0	30.9	39.6	−38.3	55.1	315.9
322.1	292.5	293.0	0.375	0.0	1.0	33.0	45.3	−35.2	57.3	322.1
326.8	300.0	300.1	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
331.7	307.5	307.2	0.625	0.0	1.0	38.2	54.8	−29.4	62.2	331.7
338.0	315.0	314.3	0.75	0.0	1.0	40.5	59.7	−24.0	64.3	338.0
341.8	322.5	321.4	0.875	0.0	1.0	43.0	65.0	−21.2	68.4	341.8
346.2	330.0	328.6	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
348.4	337.5	335.7	1.0	0.0	0.875	46.1	70.6	−14.4	72.0	348.4
353.0	345.0	342.8	1.0	0.0	0.75	45.3	68.1	−8.3	68.6	353.0
358.5	352.5	349.9	1.0	0.0	0.625	45.1	65.9	−1.7	65.9	358.5
364.7	360.0	357.0	1.0	0.0	0.5	44.4	64.5	5.3	64.7	364.7
370.1	367.5	364.1	1.0	0.0	0.375	44.8	62.0	11.0	63.0	370.1
375.9	375.0	371.2	1.0	0.0	0.25	45.0	61.1	17.4	63.6	375.9
381.6	382.5	378.3	1.0	0.0	0.125	46.0	60.8	24.1	65.4	381.6
385.4	390.0	385.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	385.4



*rgb**dex361M			*LAB**dex361M				
1.0	0.001	0.0	45.9	61.8	29.4	68.4	25
1.0	0.077	0.0	49.6	59.3	38.9	71.0	33
1.0	0.174	0.0	54.5	51.8	46.9	69.9	42
1.0	0.271	0.0	59.5	42.0	50.0	65.3	49
1.0	0.389	0.0	64.9	32.6	54.0	63.0	58
1.0	0.494	0.0	69.3	24.9	57.7	62.8	66
1.0	0.641	0.0	74.7	15.9	62.1	64.1	75
1.0	0.742	0.0	80.2	7.2	62.1	62.6	83
1.0	0.933	0.0	86.9	−2.4	61.6	61.7	92
0.782	1.0	0.0	88.7	−13.6	74.3	75.5	100
0.652	1.0	0.0	81.3	−22.8	63.5	67.5	109
0.553	1.0	0.0	75.6	−29.5	55.8	63.2	117
0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127
0.323	1.0	0.0	65.4	−42.6	42.1	59.9	135
0.233	1.0	0.0	60.9	−49.3	34.9	60.5	144
0.119	1.0	0.0	57.1	−54.4	27.9	61.2	152
0.0	1.0	0.063	53.9	−58.6	18.8	61.7	162
0.0	1.0	0.154	53.6	−56.5	11.4	57.7	168
0.0	1.0	0.267	53.9	−52.7	3.8	53.0	175
0.0	1.0	0.37	54.4	−49.9	−1.9	50.1	182
0.0	1.0	0.45	55.0	−46.7	−7.8	47.4	189
0.0	1.0	0.517	55.5	−43.6	−12.4	45.5	195
0.0	1.0	0.592	55.8	−40.6	−17.4	44.3	203
0.0	1.0	0.655	56.0	−37.8	−21.5	43.7	209
0.0	1.0	0.723	56.0	−34.6	−26.0	43.4	216
0.0	1.0	0.793	55.5	−32.3	−30.5	44.6	223
0.0	1.0	0.88	54.3	−29.8	−36.4	47.2	230
0.0	1.0	0.937	53.3	−26.9	−41.5	49.6	237
0.0	0.993	1.0	52.1	−22.6	−47.2	52.4	244
0.0	0.814	1.0	51.5	−18.3	−52.5	55.7	250
0.0	0.65	1.0	49.8	−11.7	−55.5	56.8	258
0.0	0.506	1.0	45.6	−5.2	−54.6	55.0	264
0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271
0.0	0.26	1.0	36.2	7.6	−51.6	52.3	278
0.0	0.17	1.0	35.0	14.2	−49.4	51.5	285
0.0	0.091	1.0	34.0	19.7	−47.2	51.2	292
0.004	0.0	1.0	32.3	25.9	−44.4	51.5	300
0.119	0.0	1.0	31.5	31.7	−42.3	52.9	306
0.227	0.0	1.0	31.0	38.3	−39.1	54.8	314
0.352	0.0	1.0	32.7	44.3	−35.8	57.0	321
0.545	0.0	1.0	36.4	51.8	−31.5	60.7	328
0.694	0.0	1.0	39.5	57.6	−26.5	63.4	335
0.902	0.0	1.0	43.9	66.3	−20.4	69.4	342
1.0	0.0	0.848	46.0	70.1	−12.9	71.3	349
1.0	0.0	0.776	45.6	68.7	−9.5	69.4	352
1.0	0.0	0.598	45.0	65.7	−0.1	65.7	359
1.0	0.0	0.407	44.7	62.8	9.7	63.5	368
1.0	0.0	0.237	45.2	61.2	18.2	63.8	376
1.0	0.001	0.0	45.9	61.8	29.4	68.4	385



RE670−70 1−003830−L0

LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted

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

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk* −> *rgb*$_d$
output: transfer to *cmyk*$_d$

1−003830−F0

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.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 cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)						*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
25	30	25	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25	R_d	1.0	0.045	0.0	48.1	60.5	34.9	69.9	30	R_s	1.0	0.0	0.0	1.0	0.001	0.0	45.9	61.8	29.4	68.4	25	R_e	1.0	0.0	0.0	🟥	🟥	🟥
27	31	26	1.0	0.016	0.0	46.7	61.3	31.4	68.9	27		1.0	0.055	0.0	48.5	60.2	36.2	70.2	31		1.0	0.017	0.0	1.0	0.012	0.0	46.5	61.5	30.8	68.8	26		1.0	0.017	0.0	🟥	🟥	🟥
28	32	27	1.0	0.033	0.0	47.4	60.8	33.4	69.4	28		1.0	0.065	0.0	49.0	59.8	37.4	70.5	32		1.0	0.033	0.0	1.0	0.023	0.0	47.0	61.2	32.1	69.1	27		1.0	0.033	0.0	🟥	🟥	🟥
30	33	28	1.0	0.05	0.0	48.2	60.3	35.5	70.0	30		1.0	0.075	0.0	49.5	59.4	38.6	70.9	33		1.0	0.05	0.0	1.0	0.033	0.0	47.5	60.9	33.5	69.5	28		1.0	0.05	0.0	🟥	🟥	🟥
32	34	29	1.0	0.066	0.0	49.0	59.7	37.6	70.6	32		1.0	0.084	0.0	49.9	59.0	39.8	71.2	34		1.0	0.067	0.0	1.0	0.044	0.0	48.0	60.5	34.9	69.9	29		1.0	0.067	0.0	🟥	🟥	🟥
33	35	31	1.0	0.083	0.0	49.8	59.0	39.6	71.1	33		1.0	0.094	0.0	50.4	58.6	41.0	71.5	35		1.0	0.083	0.0	1.0	0.055	0.0	48.5	60.2	36.2	70.2	31		1.0	0.083	0.0	🟥	🟥	🟥
35	36	32	1.0	0.1	0.0	50.6	58.3	41.7	71.7	35		1.0	0.104	0.0	50.9	58.1	42.2	71.9	36		1.0	0.1	0.0	1.0	0.066	0.0	49.1	59.8	37.6	70.6	32		1.0	0.1	0.0	🟥	🟥	🟥
37	37	33	1.0	0.116	0.0	51.4	57.5	43.7	72.2	37		1.0	0.114	0.0	51.3	57.7	43.4	72.2	37		1.0	0.117	0.0	1.0	0.077	0.0	49.6	59.3	38.9	71.0	33		1.0	0.117	0.0	🟥	🟥	🟥
38	38	34	1.0	0.133	0.0	52.2	56.1	45.1	72.1	38		1.0	0.124	0.0	51.8	57.1	44.6	72.5	38		1.0	0.133	0.0	1.0	0.088	0.0	50.1	58.9	40.3	71.3	34		1.0	0.133	0.0	🟥	🟥	🟥
40	39	35	1.0	0.15	0.0	53.1	54.3	45.9	71.1	40		1.0	0.136	0.0	52.4	55.9	45.3	72.0	39		1.0	0.15	0.0	1.0	0.099	0.0	50.6	58.4	41.6	71.7	35		1.0	0.15	0.0	🟧	🟧	🟧
41	40	36	1.0	0.166	0.0	54.0	52.5	46.6	70.2	41		1.0	0.148	0.0	53.1	54.6	45.8	71.3	40		1.0	0.167	0.0	1.0	0.11	0.0	51.1	57.8	43.0	72.1	36		1.0	0.167	0.0	🟧	🟧	🟧
42	41	37	1.0	0.183	0.0	54.9	50.7	47.2	69.3	42		1.0	0.16	0.0	53.7	53.3	46.4	70.7	41		1.0	0.183	0.0	1.0	0.121	0.0	51.7	57.3	44.3	72.4	37		1.0	0.183	0.0	🟧	🟧	🟧
44	42	38	1.0	0.2	0.0	55.8	48.9	47.8	68.4	44		1.0	0.172	0.0	54.3	52.0	46.8	70.0	42		1.0	0.2	0.0	1.0	0.134	0.0	52.3	56.1	45.2	72.1	38		1.0	0.2	0.0	🟧	🟧	🟧
45	43	39	1.0	0.216	0.0	56.7	47.1	48.3	67.5	45		1.0	0.184	0.0	55.0	50.7	47.3	69.3	43		1.0	0.217	0.0	1.0	0.147	0.0	53.0	54.7	45.8	71.3	39		1.0	0.217	0.0	🟧	🟧	🟧
47	44	41	1.0	0.233	0.0	57.6	45.4	48.7	66.6	47		1.0	0.196	0.0	55.6	49.4	47.7	68.7	44		1.0	0.233	0.0	1.0	0.161	0.0	53.7	53.2	46.4	70.6	41		1.0	0.233	0.0	🟧	🟧	🟧
48	45	42	1.0	0.25	0.0	58.5	43.6	49.1	65.7	48		1.0	0.208	0.0	56.3	48.1	48.1	68.0	45		1.0	0.25	0.0	1.0	0.174	0.0	54.5	51.8	46.9	69.9	42		1.0	0.25	0.0	🟧	🟧	🟧
49	46	43	1.0	0.266	0.0	59.2	42.2	49.8	65.3	49		1.0	0.221	0.0	56.9	46.8	48.4	67.3	46		1.0	0.267	0.0	1.0	0.188	0.0	55.2	50.3	47.4	69.1	43		1.0	0.267	0.0	🟧	🟧	🟧
50	47	44	1.0	0.283	0.0	60.0	40.9	50.4	65.0	50		1.0	0.233	0.0	57.6	45.5	48.8	66.7	47		1.0	0.283	0.0	1.0	0.201	0.0	55.9	48.8	47.9	68.4	44		1.0	0.283	0.0	🟧	🟧	🟧
52	48	45	1.0	0.3	0.0	60.8	39.6	51.0	64.6	52		1.0	0.245	0.0	58.2	44.2	49.1	66.0	48		1.0	0.3	0.0	1.0	0.215	0.0	56.6	47.4	48.3	67.6	45		1.0	0.3	0.0	🟧	🟧	🟧
53	49	46	1.0	0.316	0.0	61.6	38.2	51.6	64.3	53		1.0	0.258	0.0	58.9	43.0	49.5	65.6	49		1.0	0.317	0.0	1.0	0.228	0.0	57.4	45.9	48.6	66.9	46		1.0	0.317	0.0	🟧	🟧	🟧
54	50	47	1.0	0.333	0.0	62.3	36.9	52.2	63.9	54		1.0	0.271	0.0	59.5	42.0	50.0	65.3	50		1.0	0.333	0.0	1.0	0.242	0.0	58.1	44.5	49.0	66.2	47		1.0	0.333	0.0	🟧	🟧	🟧
55	51	48	1.0	0.35	0.0	63.1	35.5	52.7	63.5	55		1.0	0.284	0.0	60.1	40.9	50.5	65.0	51		1.0	0.35	0.0	1.0	0.256	0.0	58.8	43.2	49.4	65.6	48		1.0	0.35	0.0	🟧	🟧	🟧
57	52	49	1.0	0.366	0.0	63.9	34.2	53.1	63.2	57		1.0	0.297	0.0	60.7	39.8	51.0	64.7	52		1.0	0.367	0.0	1.0	0.271	0.0	59.5	42.0	50.0	65.3	49		1.0	0.367	0.0	🟧	🟧	🟧
58	53	51	1.0	0.383	0.0	64.6	32.9	53.7	63.0	58		1.0	0.31	0.0	61.3	38.8	51.5	64.4	53		1.0	0.383	0.0	1.0	0.285	0.0	60.2	40.8	50.6	65.0	51		1.0	0.383	0.0	🟧	🟧	🟧
59	54	52	1.0	0.4	0.0	65.3	31.7	54.4	63.0	59		1.0	0.324	0.0	61.9	37.7	51.9	64.2	54		1.0	0.4	0.0	1.0	0.3	0.0	60.8	39.6	51.1	64.7	52		1.0	0.4	0.0	🟧	🟧	🟧
60	55	53	1.0	0.416	0.0	66.0	30.5	55.0	62.9	60		1.0	0.337	0.0	62.6	36.6	52.3	63.9	55		1.0	0.417	0.0	1.0	0.315	0.0	61.5	38.4	51.6	64.3	53		1.0	0.417	0.0	🟧	🟧	🟧
62	56	54	1.0	0.433	0.0	66.7	29.3	55.6	62.9	62		1.0	0.35	0.0	63.2	35.6	52.7	63.6	56		1.0	0.433	0.0	1.0	0.329	0.0	62.2	37.2	52.1	64.0	54		1.0	0.433	0.0	🟧	🟧	🟧
63	57	55	1.0	0.45	0.0	67.4	28.1	56.2	62.9	63		1.0	0.363	0.0	63.8	34.5	53.1	63.3	57		1.0	0.45	0.0	1.0	0.344	0.0	62.9	36.0	52.5	63.7	55		1.0	0.45	0.0	🟧	🟧	🟧
64	58	56	1.0	0.466	0.0	68.1	26.8	56.8	62.8	64		1.0	0.377	0.0	64.4	33.4	53.5	63.1	58		1.0	0.467	0.0	1.0	0.359	0.0	63.6	34.8	53.0	63.4	56		1.0	0.467	0.0	🟧	🟧	🟧
65	59	57	1.0	0.483	0.0	68.8	25.6	57.3	62.8	65		1.0	0.39	0.0	65.0	32.5	54.0	63.0	59		1.0	0.483	0.0	1.0	0.374	0.0	64.3	33.6	53.4	63.1	57		1.0	0.483	0.0	🟧	🟧	🟧
67	60	58	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67		1.0	0.404	0.0	65.5	31.5	54.6	63.0	60		1.0	0.5	0.0	1.0	0.389	0.0	64.9	32.6	54.0	63.0	58		1.0	0.5	0.0	🟧	🟧	🟧
68	61	60	1.0	0.516	0.0	70.1	23.5	58.4	63.0	68		1.0	0.417	0.0	66.1	30.5	55.1	63.0	61		1.0	0.517	0.0	1.0	0.404	0.0	65.5	31.5	54.6	63.0	60		1.0	0.517	0.0	🟧	🟧	🟧
69	62	61	1.0	0.533	0.0	70.6	22.5	59.0	63.2	69		1.0	0.431	0.0	66.7	29.6	55.6	63.0	62		1.0	0.533	0.0	1.0	0.419	0.0	66.2	30.4	55.1	63.0	61		1.0	0.533	0.0	🟧	🟧	🟧
70	63	62	1.0	0.55	0.0	71.2	21.6	59.6	63.4	70		1.0	0.444	0.0	67.2	28.6	56.1	62.9	63		1.0	0.55	0.0	1.0	0.434	0.0	66.8	29.3	55.7	62.9	62		1.0	0.55	0.0	🟧	🟧	🟧
70	64	63	1.0	0.566	0.0	71.8	20.7	60.1	63.6	70		1.0	0.458	0.0	67.8	27.6	56.5	62.9	64		1.0	0.567	0.0	1.0	0.449	0.0	67.4	28.2	56.2	62.9	63		1.0	0.567	0.0	🟧	🟧	🟧
71	65	64	1.0	0.583	0.0	72.3	19.7	60.7	63.8	71		1.0	0.471	0.0	68.3	26.6	57.0	62.9	65		1.0	0.583	0.0	1.0	0.464	0.0	68.0	27.1	56.7	62.9	64		1.0	0.583	0.0	🟧	🟧	🟧
72	66	65	1.0	0.6	0.0	72.9	18.8	61.2	64.0	72		1.0	0.485	0.0	68.9	25.6	57.4	62.8	66		1.0	0.6	0.0	1.0	0.479	0.0	68.7	26.0	57.2	62.9	65		1.0	0.6	0.0	🟧	🟧	🟧
73	67	66	1.0	0.616	0.0	73.4	17.8	61.7	64.2	73		1.0	0.498	0.0	69.5	24.5	57.8	62.8	67		1.0	0.617	0.0	1.0	0.494	0.0	69.3	24.9	57.7	62.8	66		1.0	0.617	0.0	🟧	🟧	🟧
74	68	67	1.0	0.633	0.0	74.2	16.6	62.0	64.2	74		1.0	0.515	0.0	70.1	23.6	58.4	63.0	68		1.0	0.633	0.0	1.0	0.511	0.0	69.9	23.8	58.3	63.0	67		1.0	0.633	0.0	🟧	🟧	🟧
76	69	68	1.0	0.65	0.0	75.1	15.1	62.1	63.9	76		1.0	0.532	0.0	70.6	22.7	59.0	63.2	69		1.0	0.65	0.0	1.0	0.531	0.0	70.6	22.7	59.0	63.2	68		1.0	0.65	0.0	🟧	🟧	🟧
77	70	70	1.0	0.666	0.0	76.0	13.7	62.2	63.7	77		1.0	0.55	0.0	71.2	21.7	59.6	63.4	70		1.0	0.667	0.0	1.0	0.55	0.0	71.2	21.7	59.6	63.4	70		1.0	0.667	0.0	🟨	🟧	🟧
78	71	71	1.0	0.683	0.0	76.9	12.2	62.2	63.4	78		1.0	0.567	0.0	71.8	20.7	60.2	63.7	71		1.0	0.683	0.0	1.0	0.569	0.0	71.9	20.6	60.3	63.7	71		1.0	0.683	0.0	🟨	🟧	🟧
80	72	72	1.0	0.7	0.0	77.8	10.8	62.2	63.2	80		1.0	0.584	0.0	72.4	19.7	60.7	63.9	72		1.0	0.7	0.0	1.0	0.589	0.0	72.6	19.5	60.9	63.9	72		1.0	0.7	0.0	🟨	🟧	🟧
81	73	73	1.0	0.716	0.0	78.7	9.3	62.2	62.9	81		1.0	0.602	0.0	73.0	18.7	61.3	64.1	73		1.0	0.717	0.0	1.0	0.608	0.0	73.2	18.4	61.5	64.2	73		1.0	0.717	0.0	🟨	🟧	🟧
82	74	74	1.0	0.733	0.0	79.6	7.9	62.1	62.7	82		1.0	0.619	0.0	73.6	17.7	61.8	64.3	74		1.0	0.733	0.0	1.0	0.627	0.0	73.9	17.2	62.0	64.4	74		1.0	0.733	0.0	🟨	🟧	🟧
83	75	75	1.0	0.75	0.0	80.6	6.5	62.0	62.4	83		1.0	0.633	0.0	74.2	16.6	62.1	64.2	75		1.0	0.75	0.0	1.0	0.641	0.0	74.7	15.9	62.1	64.1	75		1.0	0.75	0.0	🟨	🟨	🟧

RE670−70 1−003930−L0 LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 10/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_d$
output: transfer to *cmyk*$_d$

1−003930−F0

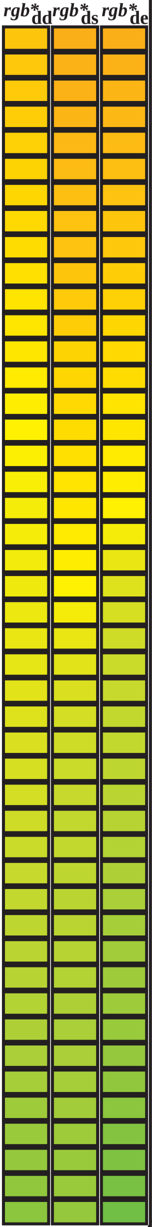
see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 11/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS   TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}	$LAB^*_{\mathrm{ddx361Mi}}$ (x=LabCh)		rgb^*_{ds361Mi}	$LAB^*_{\mathrm{dsx361Mi}}$ (x=LabCh)		rgb^*_{dd361Mi}	rgb^*_{de361Mi}	$LAB^*_{\mathrm{dex361Mi}}$ (x=LabCh)		rgb^*_{dd361Mi}
83	75	75	1.0 0.75 0.0	80.6 6.5 62.0 62.4 83		1.0 0.633 0.0	74.2 16.6 62.1 64.2 75		1.0 0.75 0.0	1.0 0.641 0.0	74.7 15.9 62.1 64.1 75		1.0 0.75 0.0
84	76	76	1.0 0.766 0.0	81.1 5.7 61.4 61.7 84		1.0 0.646 0.0	74.9 15.5 62.1 64.0 76		1.0 0.767 0.0	1.0 0.656 0.0	75.5 14.7 62.2 63.9 76		1.0 0.767 0.0
85	77	77	1.0 0.783 0.0	81.6 4.9 60.8 61.0 85		1.0 0.659 0.0	75.7 14.4 62.2 63.8 77		1.0 0.783 0.0	1.0 0.67 0.0	76.2 13.4 62.2 63.7 77		1.0 0.783 0.0
85	78	78	1.0 0.8 0.0	82.2 4.2 60.2 60.3 85		1.0 0.672 0.0	76.4 13.2 62.3 63.6 78		1.0 0.8 0.0	1.0 0.685 0.0	77.0 12.2 62.3 63.5 78		1.0 0.8 0.0
86	79	80	1.0 0.816 0.0	82.7 3.4 59.6 59.7 86		1.0 0.685 0.0	77.1 12.1 62.3 63.4 79		1.0 0.817 0.0	1.0 0.699 0.0	77.8 10.9 62.3 63.2 80		1.0 0.817 0.0
87	80	81	1.0 0.833 0.0	83.3 2.7 58.9 59.0 87		1.0 0.698 0.0	77.8 11.0 62.3 63.2 80		1.0 0.833 0.0	1.0 0.713 0.0	78.6 9.7 62.3 63.0 81		1.0 0.833 0.0
87	81	82	1.0 0.85 0.0	83.8 2.0 58.3 58.3 87		1.0 0.711 0.0	78.5 9.9 62.3 63.0 81		1.0 0.85 0.0	1.0 0.728 0.0	79.4 8.4 62.2 62.8 82		1.0 0.85 0.0
88	82	83	1.0 0.866 0.0	84.3 1.3 57.6 57.6 88		1.0 0.724 0.0	79.2 8.7 62.2 62.8 82		1.0 0.867 0.0	1.0 0.742 0.0	80.2 7.2 62.1 62.6 83		1.0 0.867 0.0
89	83	84	1.0 0.883 0.0	84.9 0.5 57.9 57.9 89		1.0 0.737 0.0	79.9 7.6 62.2 62.6 83		1.0 0.883 0.0	1.0 0.763 0.0	81.0 5.9 61.6 61.9 84		1.0 0.883 0.0
90	84	85	1.0 0.9 0.0	85.6 −0.4 59.2 59.2 90		1.0 0.75 0.0	80.6 6.5 62.1 62.4 84		1.0 0.9 0.0	1.0 0.791 0.0	81.9 4.6 60.6 60.8 85		1.0 0.9 0.0
91	85	86	1.0 0.916 0.0	86.2 −1.4 60.4 60.4 91		1.0 0.775 0.0	81.4 5.4 61.2 61.4 85		1.0 0.917 0.0	1.0 0.819 0.0	82.8 3.4 59.5 59.6 86		1.0 0.917 0.0
92	86	87	1.0 0.933 0.0	86.9 −2.5 61.6 61.7 92		1.0 0.8 0.0	82.2 4.2 60.2 60.4 86		1.0 0.933 0.0	1.0 0.847 0.0	83.7 2.2 58.4 58.5 87		1.0 0.933 0.0
93	87	88	1.0 0.95 0.0	87.5 −3.6 62.8 62.9 93		1.0 0.825 0.0	83.0 3.1 59.3 59.4 87		1.0 0.95 0.0	1.0 0.875 0.0	84.6 1.0 57.3 57.4 88		1.0 0.95 0.0
94	88	90	1.0 0.966 0.0	88.2 −4.7 64.0 64.2 94		1.0 0.85 0.0	83.9 2.0 58.3 58.3 88		1.0 0.967 0.0	1.0 0.894 0.0	85.4 0.0 58.8 58.8 90		1.0 0.967 0.0
95	89	91	1.0 0.983 0.0	88.8 −5.9 65.2 65.4 95		1.0 0.875 0.0	84.7 1.0 57.3 57.4 89		1.0 0.983 0.0	1.0 0.914 0.0	86.1 −1.2 60.2 60.2 91		1.0 0.983 0.0
96	90	92	1.0 1.0 0.0	89.4 −7.1 66.3 66.7 96	Y_d	1.0 0.893 0.0	85.3 0.0 58.7 58.7 90	Y_s	1.0 1.0 0.0	1.0 0.933 0.0	86.9 −2.4 61.6 61.7 92	Y_e	1.0 1.0 0.0
96	91	93	0.983 1.0 0.0	89.7 −7.5 67.6 68.0 96		1.0 0.91 0.0	86.0 −0.9 60.0 60.0 91		0.983 1.0 0.0	1.0 0.953 0.0	87.7 −3.7 63.1 63.2 93		0.983 1.0 0.0
96	92	94	0.966 1.0 0.0	89.9 −7.9 68.9 69.3 96		1.0 0.928 0.0	86.7 −2.0 61.2 61.3 92		0.967 1.0 0.0	1.0 0.974 0.0	88.5 −5.1 64.5 64.8 94		0.967 1.0 0.0
96	93	95	0.95 1.0 0.0	90.1 −8.3 70.1 70.6 96		1.0 0.945 0.0	87.4 −3.2 62.5 62.6 93		0.95 1.0 0.0	1.0 0.994 0.0	89.3 −6.6 65.9 66.3 95		0.95 1.0 0.0
97	94	96	0.933 1.0 0.0	90.3 −8.8 71.4 71.9 97		1.0 0.962 0.0	88.0 −4.4 63.8 63.9 94		0.933 1.0 0.0	0.938 1.0 0.0	90.3 −8.6 71.1 71.6 96		0.933 1.0 0.0
97	95	98	0.916 1.0 0.0	90.5 −9.2 72.7 73.3 97		1.0 0.98 0.0	88.7 −5.6 65.0 65.2 95		0.917 1.0 0.0	0.863 1.0 0.0	90.8 −10.7 75.7 76.5 98		0.917 1.0 0.0
97	96	99	0.9 1.0 0.0	90.7 −9.7 73.9 74.6 97		1.0 0.997 0.0	89.4 −6.9 66.2 66.5 96		0.9 1.0 0.0	0.822 1.0 0.0	89.8 −12.2 75.0 76.0 99		0.9 1.0 0.0
97	97	100	0.883 1.0 0.0	91.0 −10.1 75.2 75.9 97		0.936 1.0 0.0	90.3 −8.6 71.3 71.8 97		0.883 1.0 0.0	0.782 1.0 0.0	88.7 −13.6 74.3 75.5 100		0.883 1.0 0.0
98	98	101	0.866 1.0 0.0	90.9 −10.7 75.7 76.5 98		0.868 1.0 0.0	91.0 −10.5 75.8 76.5 98		0.867 1.0 0.0	0.747 1.0 0.0	87.7 −15.0 73.4 74.9 101		0.867 1.0 0.0
98	99	102	0.85 1.0 0.0	90.4 −11.3 75.4 76.3 98		0.833 1.0 0.0	90.1 −11.8 75.2 76.1 99		0.85 1.0 0.0	0.733 1.0 0.0	86.8 −16.3 72.0 73.8 102		0.85 1.0 0.0
98	100	103	0.833 1.0 0.0	90.0 −11.8 75.1 76.1 98		0.798 1.0 0.0	89.2 −13.0 74.6 75.7 100		0.833 1.0 0.0	0.72 1.0 0.0	85.9 −17.5 70.6 72.8 103		0.833 1.0 0.0
99	101	105	0.816 1.0 0.0	89.6 −12.4 74.8 75.9 99		0.763 1.0 0.0	88.3 −14.3 73.9 75.3 101		0.817 1.0 0.0	0.706 1.0 0.0	85.0 −18.6 69.2 71.7 105		0.817 1.0 0.0
99	102	106	0.8 1.0 0.0	89.2 −13.0 74.5 75.7 99		0.743 1.0 0.0	87.4 −15.4 72.9 74.6 102		0.8 1.0 0.0	0.692 1.0 0.0	84.0 −19.7 67.8 70.7 106		0.8 1.0 0.0
100	103	107	0.783 1.0 0.0	88.7 −13.6 74.2 75.5 100		0.731 1.0 0.0	86.7 −16.5 71.8 73.7 103		0.783 1.0 0.0	0.679 1.0 0.0	83.1 −20.8 66.4 69.6 107		0.783 1.0 0.0
100	104	108	0.766 1.0 0.0	88.3 −14.2 73.9 75.3 100		0.719 1.0 0.0	85.9 −17.5 70.6 72.8 104		0.767 1.0 0.0	0.665 1.0 0.0	82.2 −21.8 65.0 68.6 108		0.767 1.0 0.0
101	105	109	0.75 1.0 0.0	87.9 −14.8 73.6 75.1 101		0.708 1.0 0.0	85.1 −18.5 69.4 71.8 105		0.75 1.0 0.0	0.652 1.0 0.0	81.3 −22.8 63.5 67.5 109		0.75 1.0 0.0
102	106	110	0.733 1.0 0.0	86.8 −16.3 72.0 73.8 102		0.696 1.0 0.0	84.3 −19.5 68.2 70.9 106		0.733 1.0 0.0	0.638 1.0 0.0	80.3 −23.7 62.0 66.4 110		0.733 1.0 0.0
104	107	112	0.716 1.0 0.0	85.6 −17.8 70.3 72.5 104		0.684 1.0 0.0	83.5 −20.4 67.0 70.0 107		0.717 1.0 0.0	0.624 1.0 0.0	79.4 −24.5 60.6 65.4 112		0.717 1.0 0.0
105	108	113	0.7 1.0 0.0	84.5 −19.2 68.6 71.2 105		0.673 1.0 0.0	82.7 −21.3 65.7 69.1 108		0.7 1.0 0.0	0.61 1.0 0.0	78.7 −25.6 59.7 65.0 113		0.7 1.0 0.0
107	109	114	0.683 1.0 0.0	83.4 −20.5 66.8 69.9 107		0.661 1.0 0.0	81.9 −22.1 64.5 68.2 109		0.683 1.0 0.0	0.596 1.0 0.0	77.9 −26.6 58.7 64.5 114		0.683 1.0 0.0
108	110	115	0.666 1.0 0.0	82.2 −21.7 65.1 68.6 108		0.649 1.0 0.0	81.1 −22.9 63.2 67.3 110		0.667 1.0 0.0	0.582 1.0 0.0	77.1 −27.6 57.8 64.1 115		0.667 1.0 0.0
109	111	116	0.65 1.0 0.0	81.1 −22.9 63.3 67.3 109		0.637 1.0 0.0	80.3 −23.7 62.0 66.4 111		0.65 1.0 0.0	0.567 1.0 0.0	76.3 −28.6 56.8 63.6 116		0.65 1.0 0.0
111	112	117	0.633 1.0 0.0	80.0 −24.0 61.5 66.0 111		0.626 1.0 0.0	79.5 −24.4 60.7 65.5 112		0.633 1.0 0.0	0.553 1.0 0.0	75.6 −29.5 55.8 63.2 117		0.633 1.0 0.0
112	113	119	0.616 1.0 0.0	79.0 −25.2 60.0 65.1 112		0.614 1.0 0.0	78.8 −25.3 59.9 65.1 113		0.617 1.0 0.0	0.539 1.0 0.0	74.8 −30.4 54.8 62.7 119		0.617 1.0 0.0
114	114	120	0.6 1.0 0.0	78.0 −26.4 58.9 64.6 114		0.601 1.0 0.0	78.2 −26.2 59.1 64.7 114		0.6 1.0 0.0	0.525 1.0 0.0	74.0 −31.3 53.8 62.3 120		0.6 1.0 0.0
115	115	121	0.583 1.0 0.0	77.1 −27.5 57.8 64.1 115		0.589 1.0 0.0	77.5 −27.1 58.3 64.3 115		0.583 1.0 0.0	0.511 1.0 0.0	73.2 −32.2 52.8 61.8 121		0.583 1.0 0.0
116	116	122	0.566 1.0 0.0	76.2 −28.7 56.7 63.5 116		0.577 1.0 0.0	76.8 −27.9 57.5 63.9 116		0.567 1.0 0.0	0.495 1.0 0.0	72.5 −33.0 51.8 61.4 122		0.567 1.0 0.0
118	117	123	0.55 1.0 0.0	75.3 −29.8 55.5 63.0 118		0.565 1.0 0.0	76.2 −28.7 56.6 63.5 117		0.55 1.0 0.0	0.475 1.0 0.0	71.8 −33.9 50.8 61.1 123		0.55 1.0 0.0
119	118	124	0.533 1.0 0.0	74.4 −30.8 54.4 62.5 119		0.553 1.0 0.0	75.5 −29.6 55.8 63.2 118		0.533 1.0 0.0	0.456 1.0 0.0	71.1 −34.7 49.9 60.8 124		0.533 1.0 0.0
120	119	126	0.516 1.0 0.0	73.5 −31.8 53.2 62.0 120		0.54 1.0 0.0	74.9 −30.3 54.9 62.8 119		0.517 1.0 0.0	0.436 1.0 0.0	70.3 −35.6 48.9 60.5 126		0.517 1.0 0.0
122	120	127	0.5 1.0 0.0	72.6 −32.8 51.9 61.5 122		0.528 1.0 0.0	74.2 −31.1 54.0 62.4 120		0.5 1.0 0.0	0.416 1.0 0.0	69.6 −36.4 47.9 60.2 127		0.5 1.0 0.0



RE670−70   1−0031030−L0   LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted   Output: Offset standard print; separation cmyn6*, D65, page 11/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk* −> rgb_d
output: transfer to $cmyk_d$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−0031030−F0

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 12/33

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*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}			$LAB^*_{ddx361Mi}$ (x=LabCh)					$rgb^*_{ds361Mi}$			$LAB^*_{dsx361Mi}$ (x=LabCh)					$rgb^*_{dd361Mi}$			$rgb^*_{de361Mi}$			$LAB^*_{dex361Mi}$ (x=LabCh)					$rgb^*_{dd361Mi}$			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
122	120	127	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122	0.528	1.0	0.0	74.2	−31.1	54.0	62.4	120	0.5	1.0	0.0	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127	0.5	1.0	0.0	🟩	🟩	🟩
123	121	128	0.483	1.0	0.0	72.0	−33.6	51.2	61.2	123	0.516	1.0	0.0	73.5	−31.8	53.2	62.0	121	0.483	1.0	0.0	0.397	1.0	0.0	68.9	−37.2	47.0	59.9	128	0.483	1.0	0.0	🟩	🟩	🟩
124	122	129	0.466	1.0	0.0	71.4	−34.3	50.4	61.0	124	0.504	1.0	0.0	72.9	−32.6	52.3	61.6	122	0.467	1.0	0.0	0.377	1.0	0.0	68.2	−37.9	46.0	59.7	129	0.467	1.0	0.0	🟩	🟩	🟩
125	123	130	0.45	1.0	0.0	70.8	−35.0	49.5	60.7	125	0.488	1.0	0.0	72.2	−33.3	51.4	61.3	123	0.45	1.0	0.0	0.366	1.0	0.0	67.6	−38.9	45.2	59.7	130	0.45	1.0	0.0	🟩	🟩	🟩
126	124	131	0.433	1.0	0.0	70.2	−35.7	48.7	60.5	126	0.471	1.0	0.0	71.6	−34.1	50.6	61.1	124	0.433	1.0	0.0	0.355	1.0	0.0	67.1	−39.8	44.4	59.7	131	0.433	1.0	0.0	🟩	🟩	🟩
127	125	133	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127	0.455	1.0	0.0	71.0	−34.8	49.8	60.8	125	0.417	1.0	0.0	0.344	1.0	0.0	66.5	−40.8	43.7	59.8	133	0.417	1.0	0.0	🟩	🟩	🟩
128	126	134	0.4	1.0	0.0	69.0	−37.1	47.1	59.9	128	0.438	1.0	0.0	70.4	−35.5	49.0	60.6	126	0.4	1.0	0.0	0.334	1.0	0.0	65.9	−41.7	42.9	59.9	134	0.4	1.0	0.0	🟩	🟩	🟩
129	127	135	0.383	1.0	0.0	68.4	−37.7	46.2	59.7	129	0.421	1.0	0.0	69.8	−36.2	48.2	60.3	127	0.383	1.0	0.0	0.323	1.0	0.0	65.4	−42.6	42.1	59.9	135	0.383	1.0	0.0	🟩	🟩	🟩
130	128	136	0.366	1.0	0.0	67.6	−38.8	45.2	59.6	130	0.404	1.0	0.0	69.2	−36.9	47.3	60.1	128	0.367	1.0	0.0	0.313	1.0	0.0	64.8	−43.5	41.2	60.0	136	0.367	1.0	0.0	🟩	🟩	🟩
132	129	137	0.35	1.0	0.0	66.8	−40.3	44.0	59.7	132	0.387	1.0	0.0	68.6	−37.5	46.5	59.8	129	0.35	1.0	0.0	0.302	1.0	0.0	64.3	−44.4	40.4	60.1	137	0.35	1.0	0.0	🟩	🟩	🟩
134	130	138	0.333	1.0	0.0	65.9	−41.8	42.8	59.8	134	0.372	1.0	0.0	68.0	−38.2	45.7	59.6	130	0.333	1.0	0.0	0.292	1.0	0.0	63.7	−45.2	39.5	60.1	138	0.333	1.0	0.0	🟩	🟩	🟩
136	131	140	0.316	1.0	0.0	65.0	−43.2	41.5	59.9	136	0.363	1.0	0.0	67.5	−39.1	45.0	59.7	131	0.317	1.0	0.0	0.281	1.0	0.0	63.1	−46.1	38.6	60.2	140	0.317	1.0	0.0	🟩	🟩	🟩
137	132	141	0.3	1.0	0.0	64.1	−44.6	40.2	60.0	137	0.354	1.0	0.0	67.0	−39.9	44.4	59.7	132	0.3	1.0	0.0	0.27	1.0	0.0	62.6	−46.9	37.7	60.3	141	0.3	1.0	0.0	🟩	🟩	🟩
139	133	142	0.283	1.0	0.0	63.2	−45.9	38.8	60.1	139	0.345	1.0	0.0	66.6	−40.7	43.7	59.8	133	0.283	1.0	0.0	0.26	1.0	0.0	62.0	−47.7	36.8	60.3	142	0.283	1.0	0.0	🟩	🟩	🟩
141	134	143	0.266	1.0	0.0	62.3	−47.2	37.3	60.2	141	0.336	1.0	0.0	66.1	−41.5	43.1	59.9	134	0.267	1.0	0.0	0.249	1.0	0.0	61.4	−48.5	35.9	60.4	143	0.267	1.0	0.0	🟩	🟩	🟩
143	135	144	0.25	1.0	0.0	61.4	−48.5	35.9	60.3	143	0.327	1.0	0.0	65.6	−42.3	42.4	59.9	135	0.25	1.0	0.0	0.233	1.0	0.0	60.9	−49.3	34.9	60.5	144	0.25	1.0	0.0	🟩	🟩	🟩
144	136	145	0.233	1.0	0.0	60.9	−49.3	34.9	60.4	144	0.318	1.0	0.0	65.1	−43.0	41.7	60.0	136	0.233	1.0	0.0	0.217	1.0	0.0	60.4	−50.1	33.9	60.6	145	0.233	1.0	0.0	🟩	🟩	🟩
145	137	147	0.216	1.0	0.0	60.3	−50.1	33.9	60.5	145	0.309	1.0	0.0	64.6	−43.8	40.9	60.0	137	0.217	1.0	0.0	0.201	1.0	0.0	59.8	−50.8	33.0	60.7	147	0.217	1.0	0.0	🟩	🟩	🟩
147	138	148	0.2	1.0	0.0	59.7	−50.9	32.8	60.6	147	0.3	1.0	0.0	64.1	−44.6	40.2	60.1	138	0.2	1.0	0.0	0.185	1.0	0.0	59.3	−51.6	32.0	60.7	148	0.2	1.0	0.0	🟩	🟩	🟩
148	139	149	0.183	1.0	0.0	59.2	−51.7	31.8	60.7	148	0.291	1.0	0.0	63.6	−45.3	39.5	60.1	139	0.183	1.0	0.0	0.169	1.0	0.0	58.7	−52.3	31.0	60.8	149	0.183	1.0	0.0	🟩	🟩	🟩
149	140	150	0.166	1.0	0.0	58.6	−52.4	30.7	60.8	149	0.282	1.0	0.0	63.2	−46.0	38.7	60.2	140	0.167	1.0	0.0	0.154	1.0	0.0	58.2	−53.0	29.9	60.9	150	0.167	1.0	0.0	🟩	🟩	🟩
150	141	151	0.15	1.0	0.0	58.0	−53.2	29.7	60.9	150	0.273	1.0	0.0	62.7	−46.7	37.9	60.3	141	0.15	1.0	0.0	0.138	1.0	0.0	57.7	−53.6	28.9	61.0	151	0.15	1.0	0.0	🟩	🟩	🟩
152	142	152	0.133	1.0	0.0	57.5	−53.9	28.6	61.0	152	0.264	1.0	0.0	62.2	−47.4	37.1	60.3	142	0.133	1.0	0.0	0.119	1.0	0.0	57.1	−54.4	27.9	61.2	152	0.133	1.0	0.0	🟩	🟩	🟩
152	143	154	0.116	1.0	0.0	57.0	−54.6	27.8	61.2	152	0.255	1.0	0.0	61.7	−48.1	36.3	60.4	143	0.117	1.0	0.0	0.09	1.0	0.0	56.4	−55.7	27.1	62.0	154	0.117	1.0	0.0	🟩	🟩	🟩
153	144	155	0.1	1.0	0.0	56.6	−55.3	27.3	61.7	153	0.243	1.0	0.0	61.2	−48.8	35.5	60.4	144	0.1	1.0	0.0	0.061	1.0	0.0	55.6	−56.9	26.3	62.8	155	0.1	1.0	0.0	🟩	🟩	🟩
154	145	156	0.083	1.0	0.0	56.2	−56.0	26.9	62.1	154	0.23	1.0	0.0	60.8	−49.5	34.7	60.5	145	0.083	1.0	0.0	0.032	1.0	0.0	54.9	−58.1	25.4	63.5	156	0.083	1.0	0.0	🟩	🟩	🟩
154	146	157	0.066	1.0	0.0	55.7	−56.7	26.4	62.6	154	0.216	1.0	0.0	60.3	−50.1	33.9	60.6	146	0.067	1.0	0.0	0.002	1.0	0.0	54.2	−59.3	24.5	64.3	157	0.067	1.0	0.0	🟩	🟩	🟩
155	147	158	0.049	1.0	0.0	55.3	−57.4	25.9	63.0	155	0.202	1.0	0.0	59.8	−50.8	33.0	60.7	147	0.05	1.0	0.0	0.0	1.0	0.015	54.1	−59.3	23.1	63.7	158	0.05	1.0	0.0	🟩	🟩	🟩
156	148	159	0.033	1.0	0.0	54.9	−58.1	25.4	63.4	156	0.189	1.0	0.0	59.4	−51.4	32.2	60.7	148	0.033	1.0	0.0	0.0	1.0	0.031	54.0	−59.1	21.7	63.0	159	0.033	1.0	0.0	🟩	🟩	🟩
156	149	161	0.016	1.0	0.0	54.5	−58.8	24.9	63.9	156	0.175	1.0	0.0	58.9	−52.0	31.3	60.8	149	0.017	1.0	0.0	0.0	1.0	0.047	53.9	−58.9	20.2	62.4	161	0.017	1.0	0.0	🟩	🟩	🟩
157	150	162	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157 ***G***$_d$	0.161	1.0	0.0	58.5	−52.6	30.4	60.9	150 ***G***$_s$	0.0	1.0	0.0	0.0	1.0	0.063	53.9	−58.6	18.8	61.7	162 ***G***$_e$	0.0	1.0	0.0	🟩	🟩	🟩
158	151	163	0.0	1.0	0.016	54.0	−59.3	22.9	63.6	158	0.148	1.0	0.0	58.0	−53.2	29.5	61.0	151	0.0	1.0	0.017	0.0	1.0	0.075	53.8	−58.4	17.7	61.1	163	0.0	1.0	0.017	🟩	🟩	🟩
160	152	164	0.0	1.0	0.033	54.0	−59.1	21.4	62.9	160	0.134	1.0	0.0	57.5	−53.8	28.6	61.0	152	0.0	1.0	0.033	0.0	1.0	0.088	53.8	−58.2	16.7	60.6	164	0.0	1.0	0.033	🟩	🟩	🟩
161	153	164	0.0	1.0	0.05	53.9	−58.9	19.9	62.2	161	0.117	1.0	0.0	57.0	−54.5	27.8	61.3	153	0.0	1.0	0.05	0.0	1.0	0.101	53.7	−57.9	15.6	60.1	164	0.0	1.0	0.05	🟩	🟩	🟩
162	154	165	0.0	1.0	0.066	53.8	−58.6	18.5	61.5	162	0.092	1.0	0.0	56.4	−55.6	27.2	62.0	154	0.0	1.0	0.067	0.0	1.0	0.113	53.7	−57.6	14.5	59.5	165	0.0	1.0	0.067	🟩	🟩	🟩
163	155	166	0.0	1.0	0.083	53.7	−58.3	17.0	60.8	163	0.067	1.0	0.0	55.8	−56.6	26.5	62.6	155	0.0	1.0	0.083	0.0	1.0	0.126	53.6	−57.3	13.5	59.0	166	0.0	1.0	0.083	🟩	🟩	🟩
164	156	167	0.0	1.0	0.1	53.7	−58.0	15.6	60.1	164	0.041	1.0	0.0	55.2	−57.7	25.7	63.3	156	0.0	1.0	0.1	0.0	1.0	0.14	53.6	−56.9	12.4	58.4	167	0.0	1.0	0.1	🟩	🟩	🟩
166	157	168	0.0	1.0	0.116	53.6	−57.6	14.2	59.3	166	0.016	1.0	0.0	54.6	−58.7	25.0	63.9	157	0.0	1.0	0.117	0.0	1.0	0.154	53.6	−56.5	11.4	57.7	168	0.0	1.0	0.117	🟩	🟩	🟩
167	158	169	0.0	1.0	0.133	53.6	−57.2	12.9	58.6	167	0.0	1.0	0.005	54.1	−59.4	24.0	64.2	158	0.0	1.0	0.133	0.0	1.0	0.168	53.7	−56.1	10.4	57.1	169	0.0	1.0	0.133	🟩	🟩	🟩
168	159	170	0.0	1.0	0.15	53.6	−56.7	11.6	57.9	168	0.0	1.0	0.018	54.1	−59.2	22.8	63.6	159	0.0	1.0	0.15	0.0	1.0	0.182	53.7	−55.6	9.4	56.5	170	0.0	1.0	0.15	🟩	🟩	🟩
169	160	171	0.0	1.0	0.166	53.6	−56.2	10.4	57.1	169	0.0	1.0	0.032	54.0	−59.1	21.5	63.0	160	0.0	1.0	0.167	0.0	1.0	0.196	53.7	−55.1	8.4	55.9	171	0.0	1.0	0.167	🟩	🟩	🟩
170	161	172	0.0	1.0	0.183	53.6	−55.6	9.2	56.4	170	0.0	1.0	0.046	53.9	−58.9	20.3	62.4	161	0.0	1.0	0.183	0.0	1.0	0.21	53.7	−54.6	7.4	55.2	172	0.0	1.0	0.183	🟩	🟩	🟩
171	162	173	0.0	1.0	0.2	53.7	−55.0	8.1	55.6	171	0.0	1.0	0.06	53.9	−58.7	19.1	61.8	162	0.0	1.0	0.2	0.0	1.0	0.224	53.7	−54.1	6.5	54.6	173	0.0	1.0	0.2	🟩	🟩	🟩
172	163	174	0.0	1.0	0.216	53.7	−54.4	7.0	54.9	172	0.0	1.0	0.074	53.8	−58.5	17.9	61.2	163	0.0	1.0	0.217	0.0	1.0	0.238	53.7	−53.6	5.6	54.0	174	0.0	1.0	0.217	🟩	🟩	🟩
173	164	175	0.0	1.0	0.233	53.7	−53.8	5.8	54.1	173	0.0	1.0	0.087	53.8	−58.2	16.7	60.6	164	0.0	1.0	0.233	0.0	1.0	0.253	53.8	−53.1	4.7	53.4	175	0.0	1.0	0.233	🟩	🟩	🟩
174	165	175	0.0	1.0	0.25	53.7	−53.2	4.8	53.4	174	0.0	1.0	0.101	53.7	−57.9	15.5	60.1	165	0.0	1.0	0.25	0.0	1.0	0.267	53.9	−52.7	3.8	53.0	175	0.0	1.0	0.25	🟩	🟩	🟩

RE670−70 1−0031130−L0 LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 12/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_d$
output: transfer to *cmyk*$_d$

1−0031130−F0

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 13/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS   TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
174	165	175	0.0	1.0	0.25	53.7	−53.2	4.8	53.4	174	0.0	1.0	0.101	53.7	−57.9	15.5	60.1	165	0.0	1.0	0.25	0.0	1.0	0.267	53.9	−52.7	3.8	53.0	175	0.0	1.0	0.25	■	■	■
175	166	176	0.0	1.0	0.266	53.8	−52.8	3.8	52.9	175	0.0	1.0	0.115	53.7	−57.6	14.4	59.5	166	0.0	1.0	0.267	0.0	1.0	0.282	53.9	−52.4	2.9	52.5	176	0.0	1.0	0.267	■	■	■
176	167	177	0.0	1.0	0.283	53.9	−52.4	2.8	52.5	176	0.0	1.0	0.129	53.6	−57.3	13.2	58.9	167	0.0	1.0	0.283	0.0	1.0	0.297	54.0	−52.0	2.1	52.1	177	0.0	1.0	0.283	■	■	■
177	168	178	0.0	1.0	0.3	54.0	−52.0	1.8	52.0	177	0.0	1.0	0.145	53.6	−56.8	12.1	58.2	168	0.0	1.0	0.3	0.0	1.0	0.311	54.1	−51.6	1.2	51.7	178	0.0	1.0	0.3	■	■	■
178	169	179	0.0	1.0	0.316	54.1	−51.5	0.9	51.5	178	0.0	1.0	0.16	53.7	−56.3	11.0	57.5	169	0.0	1.0	0.317	0.0	1.0	0.326	54.2	−51.2	0.4	51.3	179	0.0	1.0	0.317	■	■	■
180	170	180	0.0	1.0	0.333	54.2	−51.1	0.0	51.1	180	0.0	1.0	0.175	53.7	−55.8	9.9	56.8	170	0.0	1.0	0.333	0.0	1.0	0.34	54.2	−50.8	−0.3	50.9	180	0.0	1.0	0.333	■	■	■
181	171	181	0.0	1.0	0.35	54.3	−50.6	−0.9	50.6	181	0.0	1.0	0.191	53.7	−55.3	8.8	56.1	171	0.0	1.0	0.35	0.0	1.0	0.355	54.3	−50.4	−1.1	50.5	181	0.0	1.0	0.35	■	■	■
182	172	182	0.0	1.0	0.366	54.3	−50.1	−1.8	50.1	182	0.0	1.0	0.206	53.7	−54.8	7.7	55.4	172	0.0	1.0	0.367	0.0	1.0	0.37	54.4	−49.9	−1.9	50.1	182	0.0	1.0	0.367	■	■	■
183	173	183	0.0	1.0	0.383	54.5	−49.5	−2.9	49.6	183	0.0	1.0	0.222	53.7	−54.2	6.7	54.7	173	0.0	1.0	0.383	0.0	1.0	0.381	54.5	−49.6	−2.7	49.7	183	0.0	1.0	0.383	■	■	■
184	174	184	0.0	1.0	0.4	54.6	−48.9	−4.2	49.0	184	0.0	1.0	0.237	53.7	−53.6	5.6	54.0	174	0.0	1.0	0.4	0.0	1.0	0.391	54.6	−49.2	−3.5	49.4	184	0.0	1.0	0.4	■	■	■
186	175	185	0.0	1.0	0.416	54.7	−48.2	−5.5	48.5	186	0.0	1.0	0.253	53.8	−53.1	4.7	53.4	175	0.0	1.0	0.417	0.0	1.0	0.401	54.6	−48.8	−4.2	49.1	185	0.0	1.0	0.417	■	■	■
188	176	185	0.0	1.0	0.433	54.9	−47.4	−6.7	47.9	188	0.0	1.0	0.269	53.9	−52.7	3.7	52.9	176	0.0	1.0	0.433	0.0	1.0	0.411	54.7	−48.4	−5.0	48.7	185	0.0	1.0	0.433	■	■	■
189	177	186	0.0	1.0	0.45	55.0	−46.7	−7.9	47.4	189	0.0	1.0	0.285	53.9	−52.3	2.7	52.5	177	0.0	1.0	0.45	0.0	1.0	0.42	54.8	−48.0	−5.7	48.4	186	0.0	1.0	0.45	■	■	■
191	178	187	0.0	1.0	0.466	55.1	−45.9	−9.1	46.8	191	0.0	1.0	0.301	54.0	−51.9	1.8	52.0	178	0.0	1.0	0.467	0.0	1.0	0.43	54.9	−47.5	−6.4	48.1	187	0.0	1.0	0.467	■	■	■
192	179	188	0.0	1.0	0.483	55.3	−45.1	−10.2	46.2	192	0.0	1.0	0.317	54.1	−51.5	0.9	51.6	179	0.0	1.0	0.483	0.0	1.0	0.44	55.0	−47.1	−7.1	47.8	188	0.0	1.0	0.483	■	■	■
194	180	189	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194	0.0	1.0	0.333	54.2	−51.0	0.0	51.1	180	0.0	1.0	0.5	0.0	1.0	0.45	55.0	−46.7	−7.8	47.4	189	0.0	1.0	0.5	■	■	■
195	181	190	0.0	1.0	0.516	55.5	−43.7	−12.4	45.4	195	0.0	1.0	0.349	54.3	−50.6	−0.8	50.7	181	0.0	1.0	0.517	0.0	1.0	0.459	55.1	−46.2	−8.5	47.1	190	0.0	1.0	0.517	■	■	■
197	182	191	0.0	1.0	0.533	55.5	−43.0	−13.6	45.1	197	0.0	1.0	0.365	54.4	−50.1	−1.7	50.2	182	0.0	1.0	0.533	0.0	1.0	0.469	55.2	−45.7	−9.2	46.8	191	0.0	1.0	0.533	■	■	■
199	183	192	0.0	1.0	0.55	55.6	−42.4	−14.7	44.9	199	0.0	1.0	0.379	54.5	−49.6	−2.5	49.8	183	0.0	1.0	0.55	0.0	1.0	0.479	55.3	−45.3	−9.8	46.4	192	0.0	1.0	0.55	■	■	■
200	184	193	0.0	1.0	0.566	55.7	−41.7	−15.8	44.6	200	0.0	1.0	0.39	54.6	−49.2	−3.3	49.4	184	0.0	1.0	0.567	0.0	1.0	0.489	55.4	−44.8	−10.5	46.1	193	0.0	1.0	0.567	■	■	■
202	185	194	0.0	1.0	0.583	55.7	−41.0	−16.9	44.4	202	0.0	1.0	0.4	54.6	−48.8	−4.2	49.1	185	0.0	1.0	0.583	0.0	1.0	0.498	55.4	−44.3	−11.1	45.8	194	0.0	1.0	0.583	■	■	■
204	186	195	0.0	1.0	0.6	55.8	−40.3	−17.9	44.1	204	0.0	1.0	0.411	54.7	−48.4	−5.0	48.7	186	0.0	1.0	0.6	0.0	1.0	0.508	55.5	−43.9	−11.8	45.6	195	0.0	1.0	0.6	■	■	■
205	187	195	0.0	1.0	0.616	55.9	−39.5	−19.0	43.8	205	0.0	1.0	0.422	54.8	−47.9	−5.8	48.4	187	0.0	1.0	0.617	0.0	1.0	0.517	55.5	−43.6	−12.4	45.5	195	0.0	1.0	0.617	■	■	■
207	188	196	0.0	1.0	0.633	55.9	−38.8	−20.1	43.7	207	0.0	1.0	0.432	54.9	−47.4	−6.6	48.0	188	0.0	1.0	0.633	0.0	1.0	0.527	55.6	−43.2	−13.1	45.3	196	0.0	1.0	0.633	■	■	■
209	189	197	0.0	1.0	0.65	55.9	−38.1	−21.2	43.6	209	0.0	1.0	0.443	55.0	−47.0	−7.4	47.6	189	0.0	1.0	0.65	0.0	1.0	0.536	55.6	−42.9	−13.7	45.2	197	0.0	1.0	0.65	■	■	■
210	190	198	0.0	1.0	0.666	55.9	−37.4	−22.4	43.6	210	0.0	1.0	0.454	55.1	−46.5	−8.1	47.3	190	0.0	1.0	0.667	0.0	1.0	0.545	55.6	−42.5	−14.4	45.0	198	0.0	1.0	0.667	■	■	■
212	191	199	0.0	1.0	0.683	55.9	−36.6	−23.5	43.5	212	0.0	1.0	0.464	55.2	−46.0	−8.9	46.9	191	0.0	1.0	0.683	0.0	1.0	0.555	55.7	−42.2	−15.0	44.9	199	0.0	1.0	0.683	■	■	■
214	192	200	0.0	1.0	0.7	55.9	−35.8	−24.6	43.5	214	0.0	1.0	0.475	55.2	−45.4	−9.6	46.6	192	0.0	1.0	0.7	0.0	1.0	0.564	55.7	−41.8	−15.6	44.7	200	0.0	1.0	0.7	■	■	■
216	193	201	0.0	1.0	0.716	56.0	−35.0	−25.7	43.4	216	0.0	1.0	0.486	55.3	−44.9	−10.3	46.2	193	0.0	1.0	0.717	0.0	1.0	0.573	55.8	−41.4	−16.2	44.6	201	0.0	1.0	0.717	■	■	■
218	194	202	0.0	1.0	0.733	56.0	−34.1	−26.7	43.4	218	0.0	1.0	0.497	55.4	−44.4	−11.0	45.8	194	0.0	1.0	0.733	0.0	1.0	0.583	55.8	−41.0	−16.8	44.4	202	0.0	1.0	0.733	■	■	■
219	195	203	0.0	1.0	0.75	56.0	−33.2	−27.7	43.3	219	0.0	1.0	0.507	55.5	−44.0	−11.7	45.6	195	0.0	1.0	0.75	0.0	1.0	0.592	55.8	−40.6	−17.4	44.3	203	0.0	1.0	0.75	■	■	■
221	196	204	0.0	1.0	0.766	55.8	−32.9	−28.8	43.8	221	0.0	1.0	0.517	55.5	−43.6	−12.4	45.5	196	0.0	1.0	0.767	0.0	1.0	0.602	55.9	−40.2	−18.0	44.1	204	0.0	1.0	0.767	■	■	■
222	197	205	0.0	1.0	0.783	55.5	−32.6	−29.9	44.3	222	0.0	1.0	0.528	55.6	−43.2	−13.1	45.3	197	0.0	1.0	0.783	0.0	1.0	0.611	55.9	−39.7	−18.6	44.0	205	0.0	1.0	0.783	■	■	■
223	198	206	0.0	1.0	0.8	55.3	−32.2	−31.0	44.7	223	0.0	1.0	0.538	55.6	−42.8	−13.8	45.1	198	0.0	1.0	0.8	0.0	1.0	0.62	55.9	−39.3	−19.1	43.8	206	0.0	1.0	0.8	■	■	■
225	199	206	0.0	1.0	0.816	55.1	−31.8	−32.1	45.2	225	0.0	1.0	0.548	55.6	−42.4	−14.5	45.0	199	0.0	1.0	0.817	0.0	1.0	0.629	56.0	−38.9	−19.7	43.8	206	0.0	1.0	0.817	■	■	■
226	200	207	0.0	1.0	0.833	54.9	−31.4	−33.2	45.7	226	0.0	1.0	0.558	55.7	−42.0	−15.2	44.8	200	0.0	1.0	0.833	0.0	1.0	0.638	56.0	−38.6	−20.3	43.7	207	0.0	1.0	0.833	■	■	■
228	201	208	0.0	1.0	0.85	54.7	−30.9	−34.3	46.2	228	0.0	1.0	0.569	55.7	−41.6	−15.9	44.6	201	0.0	1.0	0.85	0.0	1.0	0.646	56.0	−38.2	−20.9	43.7	208	0.0	1.0	0.85	■	■	■
229	202	209	0.0	1.0	0.866	54.5	−30.4	−35.4	46.7	229	0.0	1.0	0.579	55.8	−41.1	−16.6	44.5	202	0.0	1.0	0.867	0.0	1.0	0.655	56.0	−37.8	−21.5	43.7	209	0.0	1.0	0.867	■	■	■
231	203	210	0.0	1.0	0.883	54.2	−29.7	−36.7	47.3	231	0.0	1.0	0.589	55.8	−40.7	−17.2	44.3	203	0.0	1.0	0.883	0.0	1.0	0.663	56.0	−37.5	−22.1	43.6	210	0.0	1.0	0.883	■	■	■
232	204	211	0.0	1.0	0.9	53.9	−28.9	−38.3	48.0	232	0.0	1.0	0.599	55.9	−40.2	−17.9	44.2	204	0.0	1.0	0.9	0.0	1.0	0.672	56.0	−37.1	−22.7	43.6	211	0.0	1.0	0.9	■	■	■
234	205	212	0.0	1.0	0.916	53.6	−28.1	−39.8	48.7	234	0.0	1.0	0.61	55.9	−39.8	−18.5	44.0	205	0.0	1.0	0.917	0.0	1.0	0.681	56.0	−36.7	−23.3	43.6	212	0.0	1.0	0.917	■	■	■
236	206	213	0.0	1.0	0.933	53.3	−27.2	−41.2	49.4	236	0.0	1.0	0.62	55.9	−39.3	−19.1	43.8	206	0.0	1.0	0.933	0.0	1.0	0.689	56.0	−36.3	−23.8	43.6	213	0.0	1.0	0.933	■	■	■
238	207	214	0.0	1.0	0.95	53.0	−26.2	−42.7	50.1	238	0.0	1.0	0.63	56.0	−38.9	−19.8	43.8	207	0.0	1.0	0.95	0.0	1.0	0.698	56.0	−35.9	−24.4	43.5	214	0.0	1.0	0.95	■	■	■
240	208	215	0.0	1.0	0.966	52.7	−25.1	−44.2	50.8	240	0.0	1.0	0.639	56.0	−38.5	−20.4	43.7	208	0.0	1.0	0.967	0.0	1.0	0.706	56.0	−35.5	−24.9	43.5	215	0.0	1.0	0.967	■	■	■
242	209	216	0.0	1.0	0.983	52.4	−24.0	−45.6	51.5	242	0.0	1.0	0.649	56.0	−38.1	−21.1	43.7	209	0.0	1.0	0.983	0.0	1.0	0.715	56.0	−35.0	−25.5	43.5	216	0.0	1.0	0.983	■	■	■
244	210	216	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244 C_d	0.0	1.0	0.658	56.0	−37.7	−21.7	43.7	210C_s	0.0	1.0	1.0	0.0	1.0	0.723	56.0	−34.6	−26.0	43.4	216C_e	0.0	1.0	1.0	■	■	■

RE670−70   1−0031230−L0   LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted   Output: Offset standard print; separation cmyn6*, D65, page 13/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_d$
output: transfer to *cmyk*$_d$

1−0031230−F0

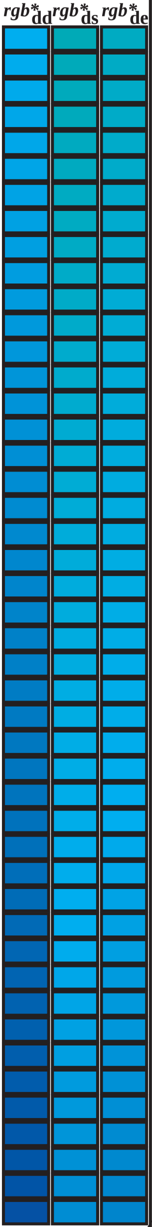
see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 14/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}			$LAB^*_{ddx361Mi}$ (x=LabCh)					$rgb^*_{ds361Mi}$			$LAB^*_{dsx361Mi}$ (x=LabCh)					$rgb^*_{dd361Mi}$			$rgb^*_{de361Mi}$			$LAB^*_{dex361Mi}$ (x=LabCh)					$rgb^*_{dd361Mi}$		
244	210	216	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244 C_d	0.0	1.0	0.658	56.0	−37.7	−21.7	43.7	210 C_s	0.0	1.0	1.0	0.0	1.0	0.723	56.0	−34.6	−26.0	43.4	216 C_e	0.0	1.0	1.0
244	211	217	0.0	0.983	1.0	52.0	−22.4	−47.5	52.5	244	0.0	1.0	0.667	56.0	−37.3	−22.4	43.6	211	0.0	0.983	1.0	0.0	1.0	0.732	56.0	−34.2	−26.6	43.4	217	0.0	0.983	1.0
245	212	218	0.0	0.966	1.0	51.9	−22.1	−48.0	52.8	245	0.0	1.0	0.677	56.0	−36.9	−23.0	43.6	212	0.0	0.967	1.0	0.0	1.0	0.74	56.0	−33.7	−27.1	43.4	218	0.0	0.967	1.0
245	213	219	0.0	0.95	1.0	51.8	−21.7	−48.4	53.1	245	0.0	1.0	0.686	56.0	−36.4	−23.6	43.6	213	0.0	0.95	1.0	0.0	1.0	0.749	56.0	−33.2	−27.6	43.4	219	0.0	0.95	1.0
246	214	220	0.0	0.933	1.0	51.7	−21.4	−48.9	53.4	246	0.0	1.0	0.695	56.0	−36.0	−24.2	43.5	214	0.0	0.933	1.0	0.0	1.0	0.76	55.9	−33.0	−28.3	43.6	220	0.0	0.933	1.0
246	215	221	0.0	0.916	1.0	51.6	−21.0	−49.4	53.7	246	0.0	1.0	0.705	56.0	−35.5	−24.9	43.5	215	0.0	0.917	1.0	0.0	1.0	0.771	55.7	−32.8	−29.1	44.0	221	0.0	0.917	1.0
247	216	222	0.0	0.9	1.0	51.5	−20.6	−49.9	54.0	247	0.0	1.0	0.714	56.0	−35.1	−25.5	43.5	216	0.0	0.9	1.0	0.0	1.0	0.782	55.6	−32.6	−29.8	44.3	222	0.0	0.9	1.0
248	217	223	0.0	0.883	1.0	51.4	−20.2	−50.4	54.3	248	0.0	1.0	0.724	56.0	−34.6	−26.0	43.4	217	0.0	0.883	1.0	0.0	1.0	0.793	55.5	−32.3	−30.5	44.6	223	0.0	0.883	1.0
248	218	224	0.0	0.866	1.0	51.4	−19.8	−50.9	54.6	248	0.0	1.0	0.733	56.0	−34.1	−26.6	43.4	218	0.0	0.867	1.0	0.0	1.0	0.804	55.3	−32.1	−31.3	44.9	224	0.0	0.867	1.0
249	219	225	0.0	0.85	1.0	51.4	−19.3	−51.4	54.9	249	0.0	1.0	0.742	56.0	−33.6	−27.2	43.4	219	0.0	0.85	1.0	0.0	1.0	0.815	55.2	−31.8	−32.0	45.2	225	0.0	0.85	1.0
249	220	226	0.0	0.833	1.0	51.4	−18.9	−51.9	55.3	249	0.0	1.0	0.752	56.0	−33.2	−27.8	43.4	220	0.0	0.833	1.0	0.0	1.0	0.827	55.0	−31.5	−32.7	45.6	226	0.0	0.833	1.0
250	221	227	0.0	0.816	1.0	51.4	−18.4	−52.4	55.6	250	0.0	1.0	0.764	55.8	−32.9	−28.6	43.8	221	0.0	0.817	1.0	0.0	1.0	0.838	54.9	−31.2	−33.5	45.9	227	0.0	0.817	1.0
251	222	227	0.0	0.8	1.0	51.4	−17.9	−53.0	55.9	251	0.0	1.0	0.777	55.7	−32.7	−29.4	44.1	222	0.0	0.8	1.0	0.0	1.0	0.849	54.7	−30.9	−34.2	46.2	227	0.0	0.8	1.0
251	223	228	0.0	0.783	1.0	51.5	−17.4	−53.5	56.3	251	0.0	1.0	0.789	55.5	−32.4	−30.2	44.5	223	0.0	0.783	1.0	0.0	1.0	0.86	54.6	−30.5	−34.9	46.5	228	0.0	0.783	1.0
252	224	229	0.0	0.766	1.0	51.5	−16.9	−54.0	56.6	252	0.0	1.0	0.801	55.4	−32.1	−31.0	44.8	224	0.0	0.767	1.0	0.0	1.0	0.871	54.5	−30.2	−35.7	46.9	229	0.0	0.767	1.0
253	225	230	0.0	0.75	1.0	51.5	−16.4	−54.5	56.9	253	0.0	1.0	0.813	55.2	−31.8	−31.8	45.2	225	0.0	0.75	1.0	0.0	1.0	0.88	54.3	−29.8	−36.4	47.2	230	0.0	0.75	1.0
254	226	231	0.0	0.733	1.0	51.2	−15.6	−54.7	56.9	254	0.0	1.0	0.825	55.0	−31.5	−32.6	45.5	226	0.0	0.733	1.0	0.0	1.0	0.888	54.2	−29.4	−37.1	47.5	231	0.0	0.733	1.0
254	227	232	0.0	0.716	1.0	50.9	−14.8	−54.9	56.9	254	0.0	1.0	0.837	54.9	−31.2	−33.5	45.9	227	0.0	0.717	1.0	0.0	1.0	0.897	54.0	−29.1	−37.9	47.9	232	0.0	0.717	1.0
255	228	233	0.0	0.7	1.0	50.6	−14.1	−55.1	56.8	255	0.0	1.0	0.85	54.7	−30.8	−34.3	46.2	228	0.0	0.7	1.0	0.0	1.0	0.905	53.9	−28.6	−38.6	48.2	233	0.0	0.7	1.0
256	229	234	0.0	0.683	1.0	50.3	−13.3	−55.2	56.8	256	0.0	1.0	0.862	54.6	−30.5	−35.1	46.6	229	0.0	0.683	1.0	0.0	1.0	0.913	53.7	−28.2	−39.4	48.6	234	0.0	0.683	1.0
257	230	235	0.0	0.666	1.0	50.0	−12.5	−55.4	56.8	257	0.0	1.0	0.874	54.4	−30.1	−35.9	46.9	230	0.0	0.667	1.0	0.0	1.0	0.921	53.6	−27.8	−40.1	48.9	235	0.0	0.667	1.0
258	231	236	0.0	0.65	1.0	49.8	−11.7	−55.5	56.7	258	0.0	1.0	0.883	54.3	−29.7	−36.7	47.3	231	0.0	0.65	1.0	0.0	1.0	0.929	53.4	−27.3	−40.8	49.3	236	0.0	0.65	1.0
258	232	237	0.0	0.633	1.0	49.5	−10.9	−55.6	56.7	258	0.0	1.0	0.892	54.1	−29.3	−37.5	47.7	232	0.0	0.633	1.0	0.0	1.0	0.937	53.3	−26.9	−41.5	49.6	237	0.0	0.633	1.0
259	233	237	0.0	0.616	1.0	49.1	−10.2	−55.6	56.6	259	0.0	1.0	0.901	53.9	−28.8	−38.3	48.1	233	0.0	0.617	1.0	0.0	1.0	0.945	53.1	−26.4	−42.3	50.0	237	0.0	0.617	1.0
260	234	238	0.0	0.6	1.0	48.5	−9.4	−55.5	56.3	260	0.0	1.0	0.91	53.8	−28.4	−39.1	48.5	234	0.0	0.6	1.0	0.0	1.0	0.953	53.0	−25.9	−43.0	50.3	238	0.0	0.6	1.0
261	235	239	0.0	0.583	1.0	48.0	−8.7	−55.4	56.1	261	0.0	1.0	0.919	53.6	−27.9	−39.9	48.8	235	0.0	0.583	1.0	0.0	1.0	0.962	52.8	−25.4	−43.7	50.6	239	0.0	0.583	1.0
261	236	240	0.0	0.566	1.0	47.5	−7.9	−55.3	55.8	261	0.0	1.0	0.928	53.4	−27.4	−40.7	49.2	236	0.0	0.567	1.0	0.0	1.0	0.97	52.7	−24.8	−44.4	51.0	240	0.0	0.567	1.0
262	237	241	0.0	0.55	1.0	46.9	−7.2	−55.1	55.6	262	0.0	1.0	0.937	53.3	−26.9	−41.5	49.6	237	0.0	0.55	1.0	0.0	1.0	0.978	52.5	−24.3	−45.1	51.3	241	0.0	0.55	1.0
263	238	242	0.0	0.533	1.0	46.4	−6.5	−55.0	55.4	263	0.0	1.0	0.946	53.1	−26.4	−42.3	50.0	238	0.0	0.533	1.0	0.0	1.0	0.986	52.4	−23.7	−45.8	51.7	242	0.0	0.533	1.0
263	239	243	0.0	0.516	1.0	45.9	−5.7	−54.8	55.1	263	0.0	1.0	0.954	53.0	−25.8	−43.1	50.3	239	0.0	0.517	1.0	0.0	1.0	0.994	52.2	−23.2	−46.4	52.0	243	0.0	0.517	1.0
264	240	244	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264	0.0	1.0	0.963	52.8	−25.3	−43.8	50.7	240	0.0	0.5	1.0	0.0	0.993	1.0	52.1	−22.6	−47.2	52.4	244	0.0	0.5	1.0
265	241	245	0.0	0.483	1.0	44.7	−4.2	−54.5	54.7	265	0.0	1.0	0.972	52.6	−24.7	−44.6	51.1	241	0.0	0.483	1.0	0.0	0.966	1.0	51.9	−22.0	−47.9	52.9	245	0.0	0.483	1.0
266	242	246	0.0	0.466	1.0	44.0	−3.3	−54.4	54.5	266	0.0	1.0	0.981	52.5	−24.1	−45.4	51.5	242	0.0	0.467	1.0	0.0	0.939	1.0	51.8	−21.4	−48.7	53.4	246	0.0	0.467	1.0
267	243	247	0.0	0.45	1.0	43.3	−2.5	−54.3	54.3	267	0.0	1.0	0.99	52.3	−23.4	−46.1	51.9	243	0.0	0.45	1.0	0.0	0.913	1.0	51.6	−20.8	−49.5	53.8	247	0.0	0.45	1.0
268	244	248	0.0	0.433	1.0	42.6	−1.6	−54.1	54.2	268	0.0	1.0	0.999	52.1	−22.8	−46.9	52.2	244	0.0	0.433	1.0	0.0	0.886	1.0	51.5	−20.2	−50.2	54.3	248	0.0	0.433	1.0
269	245	248	0.0	0.416	1.0	41.9	−0.8	−54.0	54.0	269	0.0	0.974	1.0	52.0	−22.2	−47.7	52.7	245	0.0	0.417	1.0	0.0	0.861	1.0	51.4	−19.6	−51.0	54.8	248	0.0	0.417	1.0
269	246	249	0.0	0.4	1.0	41.2	0.0	−53.8	53.8	269	0.0	0.945	1.0	51.8	−21.6	−48.6	53.3	246	0.0	0.4	1.0	0.0	0.838	1.0	51.5	−18.9	−51.7	55.2	249	0.0	0.4	1.0
270	247	250	0.0	0.383	1.0	40.5	0.8	−53.6	53.6	270	0.0	0.915	1.0	51.6	−20.9	−49.4	53.8	247	0.0	0.383	1.0	0.0	0.814	1.0	51.5	−18.3	−52.5	55.7	250	0.0	0.383	1.0
271	248	251	0.0	0.366	1.0	39.9	1.7	−53.4	53.5	271	0.0	0.886	1.0	51.5	−20.2	−50.2	54.3	248	0.0	0.367	1.0	0.0	0.791	1.0	51.5	−17.6	−53.2	56.2	251	0.0	0.367	1.0
272	249	252	0.0	0.35	1.0	39.3	2.6	−53.2	53.3	272	0.0	0.859	1.0	51.4	−19.5	−51.1	54.8	249	0.0	0.35	1.0	0.0	0.767	1.0	51.5	−16.9	−53.9	56.6	252	0.0	0.35	1.0
273	250	253	0.0	0.333	1.0	38.7	3.5	−53.0	53.1	273	0.0	0.833	1.0	51.5	−18.8	−51.9	55.3	250	0.0	0.333	1.0	0.0	0.745	1.0	51.5	−16.1	−54.5	57.0	253	0.0	0.333	1.0
274	251	254	0.0	0.316	1.0	38.1	4.5	−52.7	52.9	274	0.0	0.808	1.0	51.5	−18.1	−52.7	55.8	251	0.0	0.317	1.0	0.0	0.726	1.0	51.1	−15.2	−54.7	56.9	254	0.0	0.317	1.0
275	252	255	0.0	0.3	1.0	37.6	5.4	−52.4	52.7	275	0.0	0.782	1.0	51.5	−17.3	−53.5	56.3	252	0.0	0.3	1.0	0.0	0.707	1.0	50.8	−14.3	−54.9	56.9	255	0.0	0.3	1.0
276	253	256	0.0	0.283	1.0	37.0	6.3	−52.1	52.5	276	0.0	0.756	1.0	51.5	−16.5	−54.3	56.8	253	0.0	0.283	1.0	0.0	0.688	1.0	50.5	−13.4	−55.1	56.9	256	0.0	0.283	1.0
277	254	257	0.0	0.266	1.0	36.4	7.2	−51.8	52.3	277	0.0	0.734	1.0	51.3	−15.6	−54.6	56.9	254	0.0	0.267	1.0	0.0	0.669	1.0	50.1	−12.6	−55.3	56.8	257	0.0	0.267	1.0
278	255	258	0.0	0.25	1.0	35.8	8.1	−51.5	52.1	278	0.0	0.713	1.0	50.9	−14.6	−54.9	56.9	255	0.0	0.25	1.0	0.0	0.65	1.0	49.8	−11.7	−55.5	56.8	258	0.0	0.25	1.0



RE670−70 1−0031330−L0

LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmyn6*, D65, page 14/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_d$
output: transfer to *cmyk*$_d$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

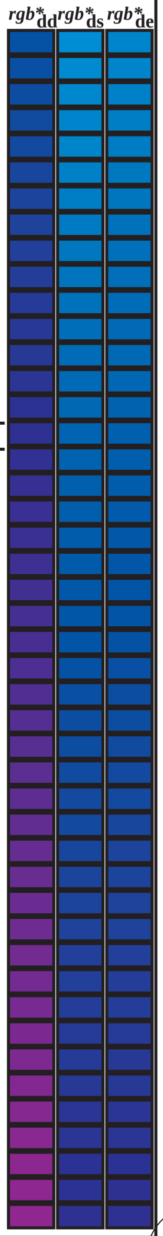
1−0031330−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 15/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb*dd361M			LAB*ddx361Mi (x=LabCh)					rgb*ds361Mi			LAB*dsx361Mi (x=LabCh)					rgb*dd361Mi			rgb*de361Mi			LAB*dex361Mi (x=LabCh)					rgb*dd361Mi		
278	255	258	0.0	0.25	1.0	35.8	8.1	−51.5	52.1	278	0.0	0.713	1.0	50.9	−14.6	−54.9	56.9	255	0.0	0.25	1.0	0.0	0.65	1.0	49.8	−11.7	−55.5	56.8	258	0.0	0.25	1.0
280	256	258	0.0	0.233	1.0	35.6	9.4	−51.1	52.0	280	0.0	0.693	1.0	50.5	−13.7	−55.1	56.9	256	0.0	0.233	1.0	0.0	0.631	1.0	49.5	−10.8	−55.6	56.8	258	0.0	0.233	1.0
281	257	259	0.0	0.216	1.0	35.5	10.6	−50.7	51.9	281	0.0	0.672	1.0	50.2	−12.7	−55.3	56.8	257	0.0	0.217	1.0	0.0	0.611	1.0	48.9	−9.8	−55.6	56.5	259	0.0	0.217	1.0
283	258	260	0.0	0.2	1.0	35.3	11.9	−50.3	51.7	283	0.0	0.651	1.0	49.8	−11.7	−55.4	56.8	258	0.0	0.2	1.0	0.0	0.59	1.0	48.2	−8.9	−55.4	56.2	260	0.0	0.2	1.0
284	259	261	0.0	0.183	1.0	35.1	13.1	−49.9	51.6	284	0.0	0.63	1.0	49.5	−10.7	−55.6	56.8	259	0.0	0.183	1.0	0.0	0.569	1.0	47.6	−8.0	−55.2	55.9	261	0.0	0.183	1.0
286	260	262	0.0	0.166	1.0	35.0	14.3	−49.4	51.5	286	0.0	0.608	1.0	48.8	−9.7	−55.5	56.5	260	0.0	0.167	1.0	0.0	0.548	1.0	46.9	−7.1	−55.1	55.6	262	0.0	0.167	1.0
287	261	263	0.0	0.15	1.0	34.8	15.5	−48.9	51.3	287	0.0	0.585	1.0	48.1	−8.7	−55.4	56.2	261	0.0	0.15	1.0	0.0	0.527	1.0	46.3	−6.1	−54.9	55.3	263	0.0	0.15	1.0
289	262	264	0.0	0.133	1.0	34.6	16.7	−48.4	51.2	289	0.0	0.562	1.0	47.4	−7.7	−55.2	55.8	262	0.0	0.133	1.0	0.0	0.506	1.0	45.6	−5.2	−54.6	55.0	264	0.0	0.133	1.0
290	263	265	0.0	0.116	1.0	34.4	17.9	−47.9	51.1	290	0.0	0.539	1.0	46.6	−6.7	−55.0	55.5	263	0.0	0.117	1.0	0.0	0.488	1.0	44.9	−4.3	−54.5	54.8	265	0.0	0.117	1.0
291	264	266	0.0	0.1	1.0	34.1	19.0	−47.5	51.2	291	0.0	0.516	1.0	45.9	−5.7	−54.8	55.2	264	0.0	0.1	1.0	0.0	0.471	1.0	44.2	−3.5	−54.4	54.6	266	0.0	0.1	1.0
293	265	267	0.0	0.083	1.0	33.8	20.1	−47.1	51.2	293	0.0	0.495	1.0	45.2	−4.7	−54.5	54.9	265	0.0	0.083	1.0	0.0	0.453	1.0	43.5	−2.6	−54.3	54.4	267	0.0	0.083	1.0
294	266	268	0.0	0.066	1.0	33.5	21.2	−46.6	51.2	294	0.0	0.476	1.0	44.4	−3.7	−54.4	54.7	266	0.0	0.067	1.0	0.0	0.436	1.0	42.8	−1.7	−54.1	54.2	268	0.0	0.067	1.0
295	267	269	0.0	0.049	1.0	33.2	22.4	−46.1	51.3	295	0.0	0.457	1.0	43.6	−2.8	−54.3	54.5	267	0.0	0.05	1.0	0.0	0.419	1.0	42.1	−0.8	−54.0	54.1	269	0.0	0.05	1.0
297	268	269	0.0	0.033	1.0	32.9	23.5	−45.6	51.3	297	0.0	0.438	1.0	42.8	−1.8	−54.1	54.3	268	0.0	0.033	1.0	0.0	0.402	1.0	41.3	0.0	−53.8	53.9	269	0.0	0.033	1.0
298	269	270	0.0	0.016	1.0	32.6	24.5	−45.1	51.3	298	0.0	0.419	1.0	42.1	−0.8	−54.0	54.1	269	0.0	0.017	1.0	0.0	0.384	1.0	40.6	0.8	−53.6	53.7	270	0.0	0.017	1.0
299	270	271	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299 ***B***$_d$	0.0	0.4	1.0	41.3	0.0	−53.8	53.9	270 ***B***$_s$	0.0	0.0	1.0	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271 ***B***$_e$	0.0	0.0	1.0
300	271	272	0.016	0.0	1.0	32.2	26.5	−44.3	51.6	300	0.0	0.381	1.0	40.5	0.9	−53.6	53.7	271	0.017	0.0	1.0	0.0	0.353	1.0	39.5	2.5	−53.2	53.3	272	0.017	0.0	1.0
301	272	273	0.033	0.0	1.0	32.1	27.3	−44.0	51.8	301	0.0	0.364	1.0	39.9	1.9	−53.3	53.5	272	0.033	0.0	1.0	0.0	0.337	1.0	38.9	3.4	−53.0	53.2	273	0.033	0.0	1.0
302	273	274	0.05	0.0	1.0	31.9	28.2	−43.7	52.0	302	0.0	0.348	1.0	39.3	2.8	−53.1	53.3	273	0.05	0.0	1.0	0.0	0.322	1.0	38.4	4.2	−52.7	53.0	274	0.05	0.0	1.0
303	274	275	0.066	0.0	1.0	31.8	29.0	−43.4	52.2	303	0.0	0.331	1.0	38.7	3.7	−52.9	53.1	274	0.067	0.0	1.0	0.0	0.306	1.0	37.8	5.1	−52.5	52.8	275	0.067	0.0	1.0
304	275	276	0.083	0.0	1.0	31.7	29.9	−43.1	52.4	304	0.0	0.315	1.0	38.1	4.6	−52.6	52.9	275	0.083	0.0	1.0	0.0	0.291	1.0	37.3	5.9	−52.2	52.6	276	0.083	0.0	1.0
305	276	277	0.1	0.0	1.0	31.6	30.7	−42.7	52.6	305	0.0	0.299	1.0	37.6	5.5	−52.3	52.7	276	0.1	0.0	1.0	0.0	0.276	1.0	36.7	6.8	−51.9	52.5	277	0.1	0.0	1.0
306	277	278	0.116	0.0	1.0	31.4	31.5	−42.4	52.8	306	0.0	0.282	1.0	37.0	6.4	−52.1	52.5	277	0.117	0.0	1.0	0.0	0.26	1.0	36.2	7.6	−51.6	52.3	278	0.117	0.0	1.0
307	278	279	0.133	0.0	1.0	31.3	32.5	−42.0	53.1	307	0.0	0.266	1.0	36.4	7.3	−51.8	52.4	278	0.133	0.0	1.0	0.0	0.246	1.0	35.8	8.4	−51.4	52.1	279	0.133	0.0	1.0
308	279	280	0.15	0.0	1.0	31.3	33.5	−41.5	53.4	308	0.0	0.25	1.0	35.8	8.2	−51.4	52.2	279	0.15	0.0	1.0	0.0	0.235	1.0	35.7	9.3	−51.1	52.1	280	0.15	0.0	1.0
310	280	281	0.166	0.0	1.0	31.2	34.6	−41.1	53.7	310	0.0	0.238	1.0	35.7	9.0	−51.2	52.1	280	0.167	0.0	1.0	0.0	0.224	1.0	35.6	10.1	−50.9	52.0	281	0.167	0.0	1.0
311	281	282	0.183	0.0	1.0	31.1	35.6	−40.6	54.0	311	0.0	0.227	1.0	35.6	9.9	−50.9	52.0	281	0.183	0.0	1.0	0.0	0.213	1.0	35.5	10.9	−50.6	51.9	282	0.183	0.0	1.0
312	282	283	0.2	0.0	1.0	31.1	36.6	−40.0	54.3	312	0.0	0.215	1.0	35.5	10.8	−50.7	51.9	282	0.2	0.0	1.0	0.0	0.202	1.0	35.4	11.7	−50.3	51.8	283	0.2	0.0	1.0
313	283	284	0.216	0.0	1.0	31.0	37.6	−39.5	54.6	313	0.0	0.204	1.0	35.4	11.7	−50.4	51.8	283	0.217	0.0	1.0	0.0	0.191	1.0	35.3	12.6	−50.1	51.7	284	0.217	0.0	1.0
314	284	285	0.233	0.0	1.0	30.9	38.6	−38.9	54.9	314	0.0	0.192	1.0	35.3	12.5	−50.1	51.7	284	0.233	0.0	1.0	0.0	0.181	1.0	35.1	13.4	−49.8	51.6	285	0.233	0.0	1.0
315	285	285	0.25	0.0	1.0	30.9	39.6	−38.3	55.1	315	0.0	0.181	1.0	35.1	13.4	−49.8	51.6	285	0.25	0.0	1.0	0.0	0.17	1.0	35.0	14.2	−49.4	51.5	285	0.25	0.0	1.0
316	286	286	0.266	0.0	1.0	31.2	40.4	−37.9	55.4	316	0.0	0.169	1.0	35.0	14.2	−49.4	51.5	286	0.267	0.0	1.0	0.0	0.159	1.0	34.9	15.0	−49.1	51.4	286	0.267	0.0	1.0
317	287	287	0.283	0.0	1.0	31.4	41.2	−37.5	55.7	317	0.0	0.157	1.0	34.9	15.0	−49.1	51.4	287	0.283	0.0	1.0	0.0	0.148	1.0	34.8	15.7	−48.8	51.3	287	0.283	0.0	1.0
318	288	288	0.3	0.0	1.0	31.7	41.9	−37.1	56.0	318	0.0	0.146	1.0	34.8	15.9	−48.7	51.3	288	0.3	0.0	1.0	0.0	0.137	1.0	34.7	16.5	−48.4	51.3	288	0.3	0.0	1.0
319	289	289	0.316	0.0	1.0	32.0	42.7	−36.7	56.3	319	0.0	0.134	1.0	34.7	16.7	−48.4	51.2	289	0.317	0.0	1.0	0.0	0.126	1.0	34.6	17.3	−48.1	51.2	289	0.317	0.0	1.0
320	290	290	0.333	0.0	1.0	32.3	43.4	−36.3	56.6	320	0.0	0.123	1.0	34.5	17.5	−48.0	51.2	290	0.333	0.0	1.0	0.0	0.114	1.0	34.4	18.1	−47.8	51.2	290	0.333	0.0	1.0
320	291	291	0.35	0.0	1.0	32.6	44.2	−35.9	56.9	320	0.0	0.11	1.0	34.3	18.3	−47.7	51.2	291	0.35	0.0	1.0	0.0	0.102	1.0	34.2	18.9	−47.5	51.2	291	0.35	0.0	1.0
321	292	292	0.366	0.0	1.0	32.9	44.9	−35.4	57.2	321	0.0	0.098	1.0	34.1	19.2	−47.4	51.2	292	0.367	0.0	1.0	0.0	0.091	1.0	34.0	19.7	−47.2	51.2	292	0.367	0.0	1.0
322	293	293	0.383	0.0	1.0	33.2	45.6	−35.0	57.5	322	0.0	0.086	1.0	33.9	20.0	−47.1	51.2	293	0.383	0.0	1.0	0.0	0.079	1.0	33.8	20.5	−46.9	51.3	293	0.383	0.0	1.0
323	294	294	0.4	0.0	1.0	33.5	46.2	−34.7	57.8	323	0.0	0.073	1.0	33.7	20.9	−46.7	51.3	294	0.4	0.0	1.0	0.0	0.067	1.0	33.6	21.3	−46.6	51.3	294	0.4	0.0	1.0
323	295	295	0.416	0.0	1.0	33.8	46.9	−34.4	58.2	323	0.0	0.061	1.0	33.4	21.7	−46.4	51.3	295	0.417	0.0	1.0	0.0	0.056	1.0	33.4	22.0	−46.2	51.3	295	0.417	0.0	1.0
324	296	296	0.433	0.0	1.0	34.1	47.5	−34.1	58.5	324	0.0	0.049	1.0	33.2	22.5	−46.0	51.3	296	0.433	0.0	1.0	0.0	0.044	1.0	33.1	22.8	−45.9	51.3	296	0.433	0.0	1.0
324	297	297	0.45	0.0	1.0	34.4	48.2	−33.7	58.8	324	0.0	0.036	1.0	33.0	23.3	−45.7	51.3	297	0.45	0.0	1.0	0.0	0.032	1.0	32.9	23.6	−45.5	51.4	297	0.45	0.0	1.0
325	298	298	0.466	0.0	1.0	34.8	48.8	−33.4	59.1	325	0.0	0.024	1.0	32.8	24.1	−45.3	51.4	298	0.467	0.0	1.0	0.0	0.021	1.0	32.7	24.3	−45.1	51.4	298	0.467	0.0	1.0
326	299	299	0.483	0.0	1.0	35.1	49.4	−33.0	59.5	326	0.0	0.012	1.0	32.6	24.9	−44.9	51.4	299	0.483	0.0	1.0	0.0	0.009	1.0	32.5	25.1	−44.8	51.4	299	0.483	0.0	1.0
326	300	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326	0.001	0.0	1.0	32.4	25.7	−44.4	51.4	300	0.5	0.0	1.0	0.004	0.0	1.0	32.3	25.9	−44.4	51.5	300	0.5	0.0	1.0



RE670−70 1−0031430−L0

LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmyn6*, D65, page 15/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_d$
output: transfer to *cmyk*$_d$

1−0031430−F0

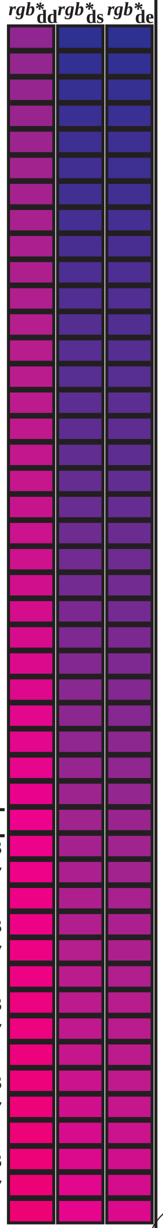
see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 16/33

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*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}			$LAB^*_{ddx361Mi}$ (x=LabCh)					$rgb^*_{ds361Mi}$			$LAB^*_{dsx361Mi}$ (x=LabCh)					$rgb^*_{dd361Mi}$			$rgb^*_{de361Mi}$			$LAB^*_{dex361Mi}$ (x=LabCh)					$rgb^*_{dd361Mi}$		
326	300	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326	0.001	0.0	1.0	32.4	25.7	−44.4	51.4	300	0.5	0.0	1.0	0.004	0.0	1.0	32.3	25.9	−44.4	51.5	300	0.5	0.0	1.0
327	301	301	0.516	0.0	1.0	35.8	50.7	−32.2	60.1	327	0.018	0.0	1.0	32.2	26.6	−44.2	51.7	301	0.517	0.0	1.0	0.02	0.0	1.0	32.2	26.7	−44.1	51.7	301	0.517	0.0	1.0
328	302	302	0.533	0.0	1.0	36.1	51.3	−31.8	60.4	328	0.036	0.0	1.0	32.1	27.5	−43.9	51.9	302	0.533	0.0	1.0	0.037	0.0	1.0	32.1	27.5	−43.9	51.9	302	0.533	0.0	1.0
328	303	303	0.55	0.0	1.0	36.5	52.0	−31.4	60.7	328	0.053	0.0	1.0	32.0	28.4	−43.6	52.1	303	0.55	0.0	1.0	0.053	0.0	1.0	32.0	28.4	−43.6	52.1	303	0.55	0.0	1.0
329	304	303	0.566	0.0	1.0	36.9	52.6	−31.0	61.1	329	0.07	0.0	1.0	31.8	29.3	−43.3	52.3	304	0.567	0.0	1.0	0.07	0.0	1.0	31.8	29.2	−43.3	52.3	303	0.567	0.0	1.0
330	305	304	0.583	0.0	1.0	37.3	53.2	−30.6	61.4	330	0.088	0.0	1.0	31.7	30.1	−42.9	52.5	305	0.583	0.0	1.0	0.086	0.0	1.0	31.7	30.1	−43.0	52.5	304	0.583	0.0	1.0
330	306	305	0.6	0.0	1.0	37.7	53.8	−30.1	61.7	330	0.105	0.0	1.0	31.6	31.0	−42.6	52.7	306	0.6	0.0	1.0	0.103	0.0	1.0	31.6	30.9	−42.6	52.7	305	0.6	0.0	1.0
331	307	306	0.616	0.0	1.0	38.0	54.5	−29.7	62.0	331	0.122	0.0	1.0	31.4	31.9	−42.2	53.0	307	0.617	0.0	1.0	0.119	0.0	1.0	31.5	31.7	−42.3	52.9	306	0.617	0.0	1.0
332	308	307	0.633	0.0	1.0	38.4	55.1	−29.1	62.3	332	0.137	0.0	1.0	31.4	32.8	−41.8	53.2	308	0.633	0.0	1.0	0.134	0.0	1.0	31.4	32.5	−41.9	53.2	307	0.633	0.0	1.0
333	309	308	0.65	0.0	1.0	38.7	55.8	−28.4	62.6	333	0.151	0.0	1.0	31.3	33.6	−41.4	53.5	309	0.65	0.0	1.0	0.147	0.0	1.0	31.3	33.4	−41.6	53.4	308	0.65	0.0	1.0
333	310	309	0.666	0.0	1.0	39.0	56.5	−27.7	62.9	333	0.165	0.0	1.0	31.3	34.5	−41.0	53.7	310	0.667	0.0	1.0	0.16	0.0	1.0	31.3	34.2	−41.2	53.6	309	0.667	0.0	1.0
334	311	310	0.683	0.0	1.0	39.3	57.1	−27.0	63.2	334	0.179	0.0	1.0	31.2	35.4	−40.6	54.0	311	0.683	0.0	1.0	0.174	0.0	1.0	31.2	35.0	−40.8	53.9	310	0.683	0.0	1.0
335	312	311	0.7	0.0	1.0	39.6	57.8	−26.3	63.5	335	0.194	0.0	1.0	31.1	36.3	−40.2	54.2	312	0.7	0.0	1.0	0.187	0.0	1.0	31.2	35.9	−40.4	54.1	311	0.7	0.0	1.0
336	313	312	0.716	0.0	1.0	39.9	58.4	−25.5	63.8	336	0.208	0.0	1.0	31.1	37.1	−39.7	54.5	313	0.717	0.0	1.0	0.201	0.0	1.0	31.1	36.7	−40.0	54.3	312	0.717	0.0	1.0
337	314	313	0.733	0.0	1.0	40.2	59.1	−24.8	64.1	337	0.222	0.0	1.0	31.0	38.0	−39.2	54.7	314	0.733	0.0	1.0	0.214	0.0	1.0	31.1	37.5	−39.5	54.6	313	0.733	0.0	1.0
338	315	314	0.75	0.0	1.0	40.5	59.7	−24.0	64.3	338	0.236	0.0	1.0	31.0	38.9	−38.8	55.0	315	0.75	0.0	1.0	0.227	0.0	1.0	31.0	38.3	−39.1	54.8	314	0.75	0.0	1.0
338	316	315	0.766	0.0	1.0	40.8	60.4	−23.7	64.9	338	0.25	0.0	1.0	30.9	39.7	−38.2	55.2	316	0.767	0.0	1.0	0.241	0.0	1.0	31.0	39.1	−38.6	55.0	315	0.767	0.0	1.0
339	317	316	0.783	0.0	1.0	41.2	61.1	−23.3	65.4	339	0.271	0.0	1.0	31.3	40.6	−37.8	55.6	317	0.783	0.0	1.0	0.256	0.0	1.0	31.0	40.0	−38.1	55.3	316	0.783	0.0	1.0
339	318	317	0.8	0.0	1.0	41.5	61.8	−23.0	65.9	339	0.291	0.0	1.0	31.6	41.6	−37.3	55.9	318	0.8	0.0	1.0	0.275	0.0	1.0	31.4	40.8	−37.7	55.6	317	0.8	0.0	1.0
340	319	318	0.816	0.0	1.0	41.8	62.5	−22.6	66.5	340	0.311	0.0	1.0	32.0	42.5	−36.8	56.3	319	0.817	0.0	1.0	0.295	0.0	1.0	31.7	41.7	−37.2	56.0	318	0.817	0.0	1.0
340	320	319	0.833	0.0	1.0	42.2	63.2	−22.2	67.0	340	0.332	0.0	1.0	32.3	43.4	−36.3	56.6	320	0.833	0.0	1.0	0.314	0.0	1.0	32.0	42.6	−36.8	56.3	319	0.833	0.0	1.0
341	321	320	0.85	0.0	1.0	42.5	63.9	−21.8	67.6	341	0.352	0.0	1.0	32.7	44.3	−35.8	57.0	321	0.85	0.0	1.0	0.333	0.0	1.0	32.3	43.5	−36.3	56.7	320	0.85	0.0	1.0
341	322	321	0.866	0.0	1.0	42.8	64.6	−21.4	68.1	341	0.372	0.0	1.0	33.0	45.2	−35.2	57.3	322	0.867	0.0	1.0	0.352	0.0	1.0	32.7	44.3	−35.8	57.0	321	0.867	0.0	1.0
342	323	321	0.883	0.0	1.0	43.2	65.4	−21.0	68.7	342	0.398	0.0	1.0	33.5	46.2	−34.7	57.8	323	0.883	0.0	1.0	0.372	0.0	1.0	33.0	45.2	−35.2	57.3	321	0.883	0.0	1.0
342	324	322	0.9	0.0	1.0	43.7	66.1	−20.5	69.3	342	0.424	0.0	1.0	34.0	47.2	−34.2	58.4	324	0.9	0.0	1.0	0.396	0.0	1.0	33.5	46.1	−34.7	57.8	322	0.9	0.0	1.0
343	325	323	0.916	0.0	1.0	44.3	66.9	−20.0	69.8	343	0.45	0.0	1.0	34.5	48.2	−33.7	58.9	325	0.917	0.0	1.0	0.421	0.0	1.0	33.9	47.1	−34.3	58.3	323	0.917	0.0	1.0
343	326	324	0.933	0.0	1.0	44.8	67.7	−19.5	70.4	343	0.477	0.0	1.0	35.0	49.2	−33.1	59.4	326	0.933	0.0	1.0	0.446	0.0	1.0	34.4	48.0	−33.8	58.8	324	0.933	0.0	1.0
344	327	325	0.95	0.0	1.0	45.3	68.4	−18.9	71.0	344	0.503	0.0	1.0	35.5	50.2	−32.5	59.9	327	0.95	0.0	1.0	0.471	0.0	1.0	34.9	49.0	−33.2	59.3	325	0.95	0.0	1.0
345	328	326	0.966	0.0	1.0	45.8	69.2	−18.4	71.6	345	0.529	0.0	1.0	36.1	51.2	−31.9	60.4	328	0.967	0.0	1.0	0.496	0.0	1.0	35.4	49.9	−32.7	59.7	326	0.967	0.0	1.0
345	329	327	0.983	0.0	1.0	46.3	70.0	−17.8	72.2	345	0.555	0.0	1.0	36.7	52.2	−31.3	60.9	329	0.983	0.0	1.0	0.52	0.0	1.0	35.9	50.9	−32.1	60.2	327	0.983	0.0	1.0
346	330	328	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346 M_d	0.58	0.0	1.0	37.3	53.2	−30.6	61.4	330 M_s	1.0	0.0	1.0	0.545	0.0	1.0	36.4	51.8	−31.5	60.7	328 M_e	1.0	0.0	1.0
346	331	329	1.0	0.0	0.983	46.7	70.7	−16.9	72.7	346	0.606	0.0	1.0	37.8	54.1	−29.9	61.9	331	1.0	0.0	0.983	0.569	0.0	1.0	37.0	52.7	−30.9	61.2	329	1.0	0.0	0.983
346	332	330	1.0	0.0	0.966	46.6	70.7	−16.5	72.6	346	0.63	0.0	1.0	38.4	55.0	−29.2	62.3	332	1.0	0.0	0.967	0.593	0.0	1.0	37.6	53.6	−30.2	61.6	330	1.0	0.0	0.967
347	333	331	1.0	0.0	0.95	46.5	70.7	−16.1	72.5	347	0.65	0.0	1.0	38.7	55.8	−28.4	62.7	333	1.0	0.0	0.95	0.618	0.0	1.0	38.1	54.6	−29.6	62.1	331	1.0	0.0	0.95
347	334	332	1.0	0.0	0.933	46.4	70.7	−15.7	72.4	347	0.67	0.0	1.0	39.1	56.6	−27.5	63.0	334	1.0	0.0	0.933	0.638	0.0	1.0	38.5	55.4	−28.8	62.5	332	1.0	0.0	0.933
347	335	333	1.0	0.0	0.916	46.3	70.6	−15.3	72.3	347	0.689	0.0	1.0	39.5	57.4	−26.7	63.3	335	1.0	0.0	0.917	0.657	0.0	1.0	38.9	56.1	−28.1	62.8	333	1.0	0.0	0.917
348	336	334	1.0	0.0	0.9	46.2	70.6	−14.9	72.2	348	0.709	0.0	1.0	39.8	58.2	−25.8	63.7	336	1.0	0.0	0.9	0.676	0.0	1.0	39.2	56.9	−27.3	63.1	334	1.0	0.0	0.9
348	337	335	1.0	0.0	0.883	46.2	70.6	−14.6	72.1	348	0.729	0.0	1.0	40.2	58.9	−24.9	64.0	337	1.0	0.0	0.883	0.694	0.0	1.0	39.5	57.6	−26.5	63.4	335	1.0	0.0	0.883
348	338	336	1.0	0.0	0.866	46.1	70.4	−13.9	71.8	348	0.749	0.0	1.0	40.5	59.7	−24.0	64.4	338	1.0	0.0	0.867	0.713	0.0	1.0	39.9	58.3	−25.6	63.8	336	1.0	0.0	0.867
349	339	337	1.0	0.0	0.85	46.0	70.1	−13.1	71.3	349	0.781	0.0	1.0	41.2	61.0	−23.3	65.4	339	1.0	0.0	0.85	0.732	0.0	1.0	40.2	59.0	−24.8	64.1	337	1.0	0.0	0.85
349	340	338	1.0	0.0	0.833	45.9	69.8	−12.3	70.9	349	0.814	0.0	1.0	41.8	62.4	−22.6	66.4	340	1.0	0.0	0.833	0.751	0.0	1.0	40.6	59.8	−23.9	64.4	338	1.0	0.0	0.833
350	341	339	1.0	0.0	0.816	45.8	69.5	−11.5	70.4	350	0.847	0.0	1.0	42.5	63.8	−21.9	67.5	341	1.0	0.0	0.817	0.782	0.0	1.0	41.2	61.1	−23.3	65.4	339	1.0	0.0	0.817
351	342	339	1.0	0.0	0.8	45.7	69.1	−10.7	70.0	351	0.879	0.0	1.0	43.2	65.2	−21.1	68.5	342	1.0	0.0	0.8	0.813	0.0	1.0	41.8	62.4	−22.6	66.4	339	1.0	0.0	0.8
351	343	340	1.0	0.0	0.783	45.6	68.8	−9.9	69.5	351	0.907	0.0	1.0	44.0	66.5	−20.2	69.6	343	1.0	0.0	0.783	0.844	0.0	1.0	42.4	63.7	−21.9	67.4	340	1.0	0.0	0.783
352	344	341	1.0	0.0	0.766	45.5	68.4	−9.1	69.0	352	0.936	0.0	1.0	44.9	67.8	−19.4	70.6	344	1.0	0.0	0.767	0.875	0.0	1.0	43.1	65.0	−21.2	68.4	341	1.0	0.0	0.767
353	345	342	1.0	0.0	0.75	45.3	68.1	−8.3	68.6	353	0.964	0.0	1.0	45.8	69.1	−18.4	71.6	345	1.0	0.0	0.75	0.902	0.0	1.0	43.9	66.3	−20.4	69.4	342	1.0	0.0	0.75



RE670−70 1−0031530−L0 LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 16/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk* −> *rgb*$_d$
output: transfer to *cmyk*$_d$

1−0031530−F0

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 17/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
353	345	342	1.0	0.0	0.75	45.3	68.1	−8.3	68.6	353	0.964	0.0	1.0	45.8	69.1	−18.4	71.6	345	1.0	0.0	0.75	0.902	0.0	1.0	43.9	66.3	−20.4	69.4	342	1.0	0.0	0.75	🟥	🟥	🟥
353	346	343	1.0	0.0	0.733	45.3	67.8	−7.4	68.2	353	0.993	0.0	1.0	46.6	70.4	−17.5	72.6	346	1.0	0.0	0.733	0.929	0.0	1.0	44.7	67.5	−19.6	70.3	343	1.0	0.0	0.733	🟥	🟥	🟥
354	347	344	1.0	0.0	0.716	45.3	67.6	−6.5	67.9	354	1.0	0.0	0.958	46.6	70.7	−16.2	72.6	347	1.0	0.0	0.717	0.956	0.0	1.0	45.5	68.8	−18.7	71.3	344	1.0	0.0	0.717	🟥	🟥	🟥
355	348	345	1.0	0.0	0.7	45.2	67.3	−5.6	67.5	355	1.0	0.0	0.901	46.3	70.7	−14.9	72.2	348	1.0	0.0	0.7	0.983	0.0	1.0	46.3	70.0	−17.8	72.3	345	1.0	0.0	0.7	🟥	🟥	🟥
355	349	346	1.0	0.0	0.683	45.2	67.0	−4.7	67.2	355	1.0	0.0	0.86	46.1	70.4	−13.6	71.7	349	1.0	0.0	0.683	1.0	0.0	0.98	46.7	70.8	−16.7	72.7	346	1.0	0.0	0.683	🟥	🟥	🟥
356	350	347	1.0	0.0	0.666	45.2	66.7	−3.8	66.8	356	1.0	0.0	0.833	45.9	69.8	−12.2	70.9	350	1.0	0.0	0.667	1.0	0.0	0.926	46.4	70.7	−15.5	72.4	347	1.0	0.0	0.667	🟥	🟥	🟥
357	351	348	1.0	0.0	0.65	45.1	66.4	−3.0	66.5	357	1.0	0.0	0.805	45.7	69.3	−10.9	70.2	351	1.0	0.0	0.65	1.0	0.0	0.874	46.2	70.6	−14.2	72.0	348	1.0	0.0	0.65	🟥	🟥	🟥
358	352	349	1.0	0.0	0.633	45.1	66.1	−2.1	66.1	358	1.0	0.0	0.778	45.6	68.7	−9.6	69.4	352	1.0	0.0	0.633	1.0	0.0	0.848	46.0	70.1	−12.9	71.3	349	1.0	0.0	0.633	🟥	🟥	🟥
358	353	350	1.0	0.0	0.616	45.0	65.8	−1.2	65.8	358	1.0	0.0	0.75	45.4	68.1	−8.3	68.6	353	1.0	0.0	0.617	1.0	0.0	0.822	45.8	69.6	−11.7	70.6	350	1.0	0.0	0.617	🟥	🟥	🟥
359	354	351	1.0	0.0	0.6	44.9	65.7	−0.2	65.7	359	1.0	0.0	0.728	45.4	67.8	−7.0	68.2	354	1.0	0.0	0.6	1.0	0.0	0.796	45.7	69.1	−10.4	69.9	351	1.0	0.0	0.6	🟥	🟥	🟥
360	355	352	1.0	0.0	0.583	44.9	65.5	0.6	65.5	360	1.0	0.0	0.705	45.3	67.4	−5.8	67.7	355	1.0	0.0	0.583	1.0	0.0	0.769	45.5	68.6	−9.2	69.2	352	1.0	0.0	0.583	🟥	🟥	🟥
361	356	353	1.0	0.0	0.566	44.8	65.3	1.6	65.4	361	1.0	0.0	0.682	45.3	67.0	−4.6	67.2	356	1.0	0.0	0.567	1.0	0.0	0.745	45.4	68.0	−8.0	68.5	353	1.0	0.0	0.567	🟥	🟥	🟥
362	357	354	1.0	0.0	0.55	44.7	65.1	2.5	65.2	362	1.0	0.0	0.659	45.2	66.6	−3.4	66.7	357	1.0	0.0	0.55	1.0	0.0	0.723	45.3	67.7	−6.8	68.1	354	1.0	0.0	0.55	🟥	🟥	🟥
363	358	355	1.0	0.0	0.533	44.6	64.9	3.5	65.0	363	1.0	0.0	0.637	45.2	66.2	−2.2	66.2	358	1.0	0.0	0.533	1.0	0.0	0.701	45.3	67.4	−5.6	67.6	355	1.0	0.0	0.533	🟥	🟥	🟥
363	359	356	1.0	0.0	0.516	44.5	64.7	4.4	64.9	363	1.0	0.0	0.615	45.1	65.9	−1.0	65.9	359	1.0	0.0	0.517	1.0	0.0	0.68	45.2	67.0	−4.5	67.1	356	1.0	0.0	0.517	🟥	🟥	🟥
364	360	352	1.0	0.0	0.5	44.4	64.5	5.3	64.7	364	1.0	0.0	0.595	45.0	65.7	0.0	65.7	360	1.0	0.0	0.5	1.0	0.0	0.776	45.6	68.7	−9.5	69.4	352	1.0	0.0	0.5	🟥	🟥	🟥
365	361	353	1.0	0.0	0.483	44.5	64.2	6.1	64.5	365	1.0	0.0	0.575	44.9	65.5	1.1	65.5	361	1.0	0.0	0.483	1.0	0.0	0.746	45.4	68.1	−8.0	68.6	353	1.0	0.0	0.483	🟥	🟥	🟥
366	362	354	1.0	0.0	0.466	44.5	63.9	6.9	64.3	366	1.0	0.0	0.555	44.8	65.2	2.3	65.3	362	1.0	0.0	0.467	1.0	0.0	0.721	45.3	67.7	−6.7	68.0	354	1.0	0.0	0.467	🟥	🟥	🟥
366	363	355	1.0	0.0	0.45	44.6	63.6	7.7	64.0	366	1.0	0.0	0.535	44.7	65.0	3.4	65.1	363	1.0	0.0	0.45	1.0	0.0	0.696	45.3	67.3	−5.3	67.5	355	1.0	0.0	0.45	🟥	🟥	🟥
367	364	356	1.0	0.0	0.433	44.6	63.2	8.4	63.8	367	1.0	0.0	0.515	44.6	64.7	4.5	64.9	364	1.0	0.0	0.433	1.0	0.0	0.67	45.2	66.8	−4.0	66.9	356	1.0	0.0	0.433	🟥	🟥	🟥
368	365	357	1.0	0.0	0.416	44.6	62.9	9.2	63.6	368	1.0	0.0	0.494	44.5	64.4	5.6	64.7	365	1.0	0.0	0.417	1.0	0.0	0.645	45.2	66.3	−2.6	66.4	357	1.0	0.0	0.417	🟥	🟥	🟥
369	366	358	1.0	0.0	0.4	44.7	62.6	9.9	63.4	369	1.0	0.0	0.471	44.6	64.0	6.7	64.4	366	1.0	0.0	0.4	1.0	0.0	0.62	45.1	65.9	−1.3	65.9	358	1.0	0.0	0.4	🟥	🟥	🟥
369	367	359	1.0	0.0	0.383	44.7	62.2	10.7	63.1	369	1.0	0.0	0.448	44.6	63.6	7.8	64.0	367	1.0	0.0	0.383	1.0	0.0	0.598	45.0	65.7	−0.1	65.7	359	1.0	0.0	0.383	🟥	🟥	🟥
370	368	360	1.0	0.0	0.366	44.8	62.0	11.5	63.1	370	1.0	0.0	0.424	44.7	63.1	8.9	63.7	368	1.0	0.0	0.367	1.0	0.0	0.576	44.9	65.5	1.1	65.5	360	1.0	0.0	0.367	🟥	🟥	🟥
371	369	362	1.0	0.0	0.35	44.8	61.9	12.3	63.1	371	1.0	0.0	0.401	44.7	62.6	9.9	63.4	369	1.0	0.0	0.35	1.0	0.0	0.554	44.8	65.2	2.4	65.3	362	1.0	0.0	0.35	🟥	🟥	🟥
372	370	363	1.0	0.0	0.333	44.8	61.8	13.2	63.2	372	1.0	0.0	0.378	44.8	62.2	11.0	63.1	370	1.0	0.0	0.333	1.0	0.0	0.531	44.6	64.9	3.6	65.1	363	1.0	0.0	0.333	🟥	🟥	🟥
372	371	364	1.0	0.0	0.316	44.9	61.7	14.0	63.3	372	1.0	0.0	0.356	44.8	62.0	12.1	63.2	371	1.0	0.0	0.317	1.0	0.0	0.509	44.5	64.6	4.9	64.8	364	1.0	0.0	0.317	🟥	🟥	🟥
373	372	365	1.0	0.0	0.3	44.9	61.6	14.9	63.4	373	1.0	0.0	0.335	44.9	61.9	13.2	63.3	372	1.0	0.0	0.3	1.0	0.0	0.484	44.5	64.2	6.1	64.5	365	1.0	0.0	0.3	🟥	🟥	🟥
374	373	366	1.0	0.0	0.283	45.0	61.4	15.7	63.4	374	1.0	0.0	0.313	44.9	61.7	14.3	63.4	373	1.0	0.0	0.283	1.0	0.0	0.458	44.6	63.8	7.3	64.2	366	1.0	0.0	0.283	🟥	🟥	🟥
375	374	367	1.0	0.0	0.266	45.0	61.3	16.6	63.5	375	1.0	0.0	0.292	45.0	61.6	15.3	63.4	374	1.0	0.0	0.267	1.0	0.0	0.433	44.7	63.3	8.5	63.8	367	1.0	0.0	0.267	🟥	🟥	🟥
375	375	368	1.0	0.0	0.25	45.0	61.1	17.4	63.6	375	1.0	0.0	0.271	45.0	61.4	16.4	63.5	375	1.0	0.0	0.25	1.0	0.0	0.407	44.7	62.8	9.7	63.5	368	1.0	0.0	0.25	🟥	🟥	🟥
376	376	369	1.0	0.0	0.233	45.2	61.1	18.3	63.8	376	1.0	0.0	0.249	45.1	61.2	17.5	63.6	376	1.0	0.0	0.233	1.0	0.0	0.381	44.8	62.2	10.8	63.2	369	1.0	0.0	0.233	🟥	🟥	🟥
377	377	370	1.0	0.0	0.216	45.3	61.1	19.2	64.1	377	1.0	0.0	0.227	45.3	61.2	18.7	64.0	377	1.0	0.0	0.217	1.0	0.0	0.356	44.8	62.0	12.0	63.2	370	1.0	0.0	0.217	🟥	🟥	🟥
378	378	372	1.0	0.0	0.2	45.4	61.1	20.1	64.3	378	1.0	0.0	0.205	45.4	61.2	19.9	64.3	378	1.0	0.0	0.2	1.0	0.0	0.332	44.9	61.9	13.3	63.3	372	1.0	0.0	0.2	🟥	🟥	🟥
378	379	373	1.0	0.0	0.183	45.5	61.1	21.0	64.6	378	1.0	0.0	0.183	45.6	61.1	21.0	64.6	379	1.0	0.0	0.183	1.0	0.0	0.309	45.0	61.7	14.5	63.4	373	1.0	0.0	0.183	🟥	🟥	🟥
379	380	374	1.0	0.0	0.166	45.7	61.0	21.9	64.8	379	1.0	0.0	0.161	45.7	61.0	22.2	65.0	380	1.0	0.0	0.167	1.0	0.0	0.285	45.0	61.5	15.7	63.5	374	1.0	0.0	0.167	🟥	🟥	🟥
380	381	375	1.0	0.0	0.15	45.8	60.9	22.8	65.1	380	1.0	0.0	0.139	45.9	60.9	23.4	65.3	381	1.0	0.0	0.15	1.0	0.0	0.261	45.1	61.3	16.9	63.6	375	1.0	0.0	0.15	🟥	🟥	🟥
381	382	376	1.0	0.0	0.133	45.9	60.9	23.7	65.3	381	1.0	0.0	0.113	46.0	61.0	24.6	65.8	382	1.0	0.0	0.133	1.0	0.0	0.237	45.2	61.2	18.2	63.8	376	1.0	0.0	0.133	🟥	🟥	🟥
381	383	377	1.0	0.0	0.116	46.0	60.9	24.4	65.6	381	1.0	0.0	0.08	46.0	61.2	26.0	66.5	383	1.0	0.0	0.117	1.0	0.0	0.212	45.4	61.2	19.5	64.2	377	1.0	0.0	0.117	🟥	🟥	🟥
382	384	378	1.0	0.0	0.1	45.9	61.0	25.1	66.0	382	1.0	0.0	0.047	46.0	61.5	27.4	67.3	384	1.0	0.0	0.1	1.0	0.0	0.188	45.6	61.1	20.8	64.6	378	1.0	0.0	0.1	🟥	🟥	🟥
382	385	379	1.0	0.0	0.083	45.9	61.2	25.8	66.4	382	1.0	0.0	0.014	45.9	61.7	28.8	68.1	385	1.0	0.0	0.083	1.0	0.0	0.163	45.7	61.0	22.1	64.9	379	1.0	0.0	0.083	🟥	🟥	🟥
383	386	381	1.0	0.0	0.066	45.9	61.3	26.5	66.8	383	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1.0	0.0	0.067	1.0	0.0	0.139	45.9	60.9	23.4	65.3	381	1.0	0.0	0.067	🟥	⬛	🟥
383	387	382	1.0	0.0	0.049	45.9	61.4	27.2	67.2	383	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1.0	0.0	0.05	1.0	0.0	0.109	46.0	61.0	24.8	65.9	382	1.0	0.0	0.05	🟥	⬛	🟥
384	388	383	1.0	0.0	0.033	45.9	61.5	27.9	67.6	384	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1.0	0.0	0.033	1.0	0.0	0.072	46.0	61.3	26.3	66.7	383	1.0	0.0	0.033	🟥	⬛	🟥
384	389	384	1.0	0.0	0.016	45.9	61.6	28.6	68.0	384	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1.0	0.0	0.017	1.0	0.0	0.035	45.9	61.6	27.9	67.6	384	1.0	0.0	0.017	🟥	⬛	🟥
385	390	385	1.0	0.0	0.0	45.9	61.7	29.3	68.3	385 R_d	1.0	0.045	0.0	48.1	60.5	34.9	69.9	390 R_s	1.0	0.0	0.0	1.0	0.001	0.0	45.9	61.8	29.4	68.4	385 R_e	1.0	0.0	0.0	🟥	🟥	🟥

RE670−70 1−0031630−L0

LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmyn6*, D65, page 17/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_d$
output: transfer to *cmyk*$_d$

1−0031630−F0

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 18/33

n/j	HIC^*_{Fd}	rgb_{Fd}			ict_{Fd}			$h_{si\_F,d}$	rgb^*_{Fd}			$LabCh^*_{Fd}$					$rgb^{*\prime}_{Fd}$			$LabCh^{*\prime}_{Fd}$					$DE^{*\prime}_{Fd}$	$h_{siM,d}$	rgb^*_{Md}			$LabCh^*_{Md}$				
0/648	R00Y_100_100$_d$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4	0.0	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
1/657	R13Y_100_100$_d$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	51.4	57.5	43.7	72.2	37.2	1.0	0.125	0.0	51.8	57.0	44.8	72.5	38.1	1.1	36	1.0	0.116	0.0	51.4	57.5	43.7	72.2	37.2
2/666	R25Y_100_100$_d$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	57.6	45.4	48.7	66.6	47.0	1.0	0.25	0.0	58.5	43.6	49.1	65.7	48.4	2.0	42	1.0	0.233	0.0	57.6	45.4	48.7	66.6	47.0
3/675	R38Y_100_100$_d$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	63.9	34.2	53.1	63.2	57.2	1.0	0.375	0.0	64.3	33.5	53.4	63.0	57.8	0.8	51	1.0	0.366	0.0	63.9	34.2	53.1	63.2	57.2
4/684	R50Y_100_100$_d$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1	0.0	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
5/693	R63Y_100_100$_d$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	74.2	16.6	62.0	64.2	74.9	1.0	0.625	0.0	73.7	17.3	61.9	64.3	74.3	0.8	68	1.0	0.633	0.0	74.2	16.6	62.0	64.2	74.9
6/702	R75Y_100_100$_d$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	81.1	5.7	61.4	61.7	84.6	1.0	0.75	0.0	80.6	6.5	62.0	62.4	83.9	1.1	77	1.0	0.766	0.0	81.1	5.7	61.4	61.7	84.6
7/711	R88Y_100_100$_d$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	84.9	0.5	57.9	57.9	89.4	1.0	0.875	0.0	84.6	1.0	57.3	57.3	88.9	0.8	83	1.0	0.883	0.0	84.9	0.5	57.9	57.9	89.4
8/720	Y00G_100_100$_d$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1	0.0	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
9/639	Y13G_100_100$_d$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	91.0	−10.1	75.2	75.9	97.6	0.875	1.0	0.0	91.1	−10.3	75.8	76.5	97.8	0.6	96	0.883	1.0	0.0	91.0	−10.1	75.2	75.9	97.6
10/558	Y25G_100_100$_d$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	88.3	−14.2	73.9	75.3	100.8	0.75	1.0	0.0	87.9	−14.8	73.6	75.1	101.3	0.7	102	0.766	1.0	0.0	88.3	−14.2	73.9	75.3	100.8
11/477	Y38G_100_100$_d$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	80.0	−24.0	61.5	66.0	111.3	0.625	1.0	0.0	79.4	−24.5	60.6	65.4	112.0	1.1	111	0.633	1.0	0.0	80.0	−24.0	61.5	66.0	111.3
12/396	Y50G_100_100$_d$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3	0.0	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
13/315	Y63G_100_100$_d$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	67.6	−38.8	45.2	59.6	130.6	0.375	1.0	0.0	68.1	−38.1	45.8	59.6	129.7	1.0	128	0.366	1.0	0.0	67.6	−38.8	45.2	59.6	130.6
14/234	Y75G_100_100$_d$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	60.9	−49.3	34.9	60.4	144.7	0.25	1.0	0.0	61.4	−48.5	35.9	60.3	143.4	1.4	137	0.233	1.0	0.0	60.9	−49.3	34.9	60.4	144.7
15/153	Y88G_100_100$_d$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	57.0	−54.6	27.8	61.2	152.9	0.125	1.0	0.0	57.2	−54.2	28.0	61.0	152.6	0.4	143	0.116	1.0	0.0	57.0	−54.6	27.8	61.2	152.9
16/72	G00C_100_100$_d$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6	0.0	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
17/73	G13C_100_100$_d$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.116	53.6	−57.6	14.2	59.3	166.1	0.0	1.0	0.125	53.6	−57.4	13.5	59.0	166.7	0.7	156	0.0	1.0	0.116	53.6	−57.6	14.2	59.3	166.1
18/74	G25C_100_100$_d$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.233	53.7	−53.8	5.8	54.1	173.7	0.0	1.0	0.25	53.7	−53.2	4.8	53.4	174.8	1.2	162	0.0	1.0	0.233	53.7	−53.8	5.8	54.1	173.7
19/75	G38C_100_100$_d$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.366	54.3	−50.1	−1.8	50.1	182.1	0.0	1.0	0.375	54.4	−49.8	−2.2	49.9	182.6	0.5	171	0.0	1.0	0.366	54.3	−50.1	−1.8	50.1	182.1
20/76	G50C_100_100$_d$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3	0.0	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
21/77	G63C_100_100$_d$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.633	55.9	−38.8	−20.1	43.7	207.3	0.0	1.0	0.625	55.9	−39.1	−19.5	43.7	206.4	0.6	188	0.0	1.0	0.633	55.9	−38.8	−20.1	43.7	207.3
22/78	G75C_100_100$_d$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	55.8	−32.9	−28.8	43.8	221.1	0.0	1.0	0.75	56.0	−33.2	−27.7	43.3	219.8	1.1	197	0.0	1.0	0.766	55.8	−32.9	−28.8	43.8	221.1
23/79	G88C_100_100$_d$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.883	54.2	−29.7	−36.7	47.3	231.0	0.0	1.0	0.875	54.4	−30.1	−36.0	46.9	230.0	0.8	203	0.0	1.0	0.883	54.2	−29.7	−36.7	47.3	231.0
24/80	C00B_100_100$_d$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1	0.0	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
25/71	C13B_100_100$_d$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	51.4	−20.2	−50.4	54.3	248.0	0.0	0.875	1.0	51.4	−20.0	−50.6	54.4	248.3	0.3	216	0.0	0.883	1.0	51.4	−20.2	−50.4	54.3	248.0
26/62	C25B_100_100$_d$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.766	1.0	51.5	−16.9	−54.0	56.6	252.5	0.0	0.75	1.0	51.5	−16.4	−54.5	56.9	253.2	0.7	222	0.0	0.766	1.0	51.5	−16.9	−54.0	56.6	252.5
27/53	C38B_100_100$_d$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	49.5	−10.9	−55.6	56.7	258.8	0.0	0.625	1.0	49.3	−10.5	−55.7	56.7	259.2	0.4	231	0.0	0.633	1.0	49.5	−10.9	−55.6	56.7	258.8
28/44	C50B_100_100$_d$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7	0.0	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
29/35	C63B_100_100$_d$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	39.9	1.7	−53.4	53.5	271.8	0.0	0.375	1.0	40.2	1.2	−53.5	53.5	271.3	0.5	248	0.0	0.366	1.0	39.9	1.7	−53.4	53.5	271.8
30/26	C75B_100_100$_d$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	35.6	9.4	−51.1	52.0	280.4	0.0	0.25	1.0	35.8	8.1	−51.5	52.1	278.9	1.3	257	0.0	0.233	1.0	35.6	9.4	−51.1	52.0	280.4
31/17	C88B_100_100$_d$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	34.4	17.9	−47.9	51.1	290.4	0.0	0.125	1.0	34.5	17.3	−48.1	51.1	289.8	0.6	263	0.0	0.116	1.0	34.4	17.9	−47.9	51.1	290.4
32/8	B00M_100_100$_d$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9	0.0	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
33/89	B13M_100_100$_d$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	31.4	31.5	−42.4	52.8	306.6	0.125	0.0	1.0	31.4	32.0	−42.2	53.0	307.1	0.4	276	0.116	0.0	1.0	31.4	31.5	−42.4	52.8	306.6
34/170	B25M_100_100$_d$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	30.9	38.6	−38.9	54.9	314.8	0.25	0.0	1.0	30.9	39.6	−38.3	55.1	315.9	1.1	282	0.233	0.0	1.0	30.9	38.6	−38.9	54.9	314.8
35/251	B38M_100_100$_d$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	32.9	44.9	−35.4	57.2	321.7	0.375	0.0	1.0	33.0	45.3	−35.2	57.3	322.1	0.4	291	0.366	0.0	1.0	32.9	44.9	−35.4	57.2	321.7
36/332	B50M_100_100$_d$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8	0.0	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
37/413	B63M_100_100$_d$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	38.4	55.1	−29.1	62.3	332.1	0.625	0.0	1.0	38.2	54.8	−29.4	62.2	331.7	0.5	308	0.633	0.0	1.0	38.4	55.1	−29.1	62.3	332.1
38/494	B75M_100_100$_d$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	40.8	60.4	−23.7	64.9	338.5	0.75	0.0	1.0	40.5	59.7	−24.0	64.3	338.0	0.8	317	0.766	0.0	1.0	40.8	60.4	−23.7	64.9	338.5
39/575	B88M_100_100$_d$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	43.2	65.4	−21.0	68.7	342.1	0.875	0.0	1.0	43.0	65.0	−21.2	68.4	341.8	0.5	323	0.883	0.0	1.0	43.2	65.4	−21.0	68.7	342.1
40/656	M00R_100_100$_d$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2	0.0	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
41/655	M13R_100_100$_d$	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	46.2	70.6	−14.6	72.1	348.3	1.0	0.0	0.875	46.1	70.6	−14.4	72.0	348.4	0.1	336	1.0	0.0	0.883	46.2	70.6	−14.6	72.1	348.3
42/654	M25R_100_100$_d$	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	45.5	68.4	−9.1	69.0	352.4	1.0	0.0	0.75	45.3	68.1	−8.3	68.6	353.0	0.8	342	1.0	0.0	0.766	45.5	68.4	−9.1	69.0	352.4
43/653	M38R_100_100$_d$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	45.1	66.1	−2.1	66.1	358.1	1.0	0.0	0.625	45.1	65.9	−1.7	65.9	358.5	0.4	351	1.0	0.0	0.633	45.1	66.1	−2.1	66.1	358.1
44/652	M50R_100_100$_d$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7	1.0	0.0	0.5	44.4	64.5	5.3	64.7	364.7	0.0	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
45/651	M63R_100_100$_d$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	44.8	62.0	11.5	63.1	10.5	1.0	0.0	0.375	44.8	62.0	11.0	63.0	370.1	0.4	368	1.0	0.0	0.366	44.8	62.0	11.5	63.1	10.5
46/650	M75R_100_100$_d$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	45.2	61.1	18.3	63.8	16.7	1.0	0.0	0.25	45.0	61.1	17.4	63.6	375.9	0.8	377	1.0	0.0	0.233	45.2	61.1	18.3	63.8	16.7
47/649	M88R_100_100$_d$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	46.0	60.9	24.4	65.6	21.8	1.0	0.0	0.125	46.0	60.8	24.1	65.4	381.6	0.3	383	1.0	0.0	0.116	46.0	60.9	24.4	65.6	21.8
48/648	R00Y_100_100$_d$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	385.4	0.0	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
49/0	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
50/91	NW_013$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	24.5	0.7	−0.8	1.1	312.2	4.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
51/182	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	35.0	2.2	−3.2	3.9	304.9	5.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
52/273	NW_038$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	50.9	4.5	−7.3	8.6	301.7	9.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
53/364	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	59.6	5.7	−9.5	11.2	301.0	11.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
54/455	NW_063$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	70.3	7.3	−12.9	14.8	299.7	15.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
55/546	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	78.7	8.6	−15.0	17.3	299.8	17.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
56/637	NW_088$_d$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	88.8	10.1	−18.2	20.9	299.1	21.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
57/728	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta $E^{*\prime}$ =** ***1.9***

1-0031730-F0

RE670-7N, Page 18/33-F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E^{*\prime}$

input: *rgb/cmyk* −> rgb_d
output: transfer to $cmyk_d$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 19/33

n/j	**HIC***$_{\text{Fd}}$	*rgb*$_{\text{\_Fd}}$			*ict*$_{\text{\_Fd}}$			$h_{\text{si\_F,d}}$	*rgb**$_{\text{Fd}}$			*LabCh**$_{\text{Fd}}$					*rgb*'*$_{\text{Fd}}$			*LabCh*'*$_{\text{Fd}}$					*DE*'*$_{\text{Fd}}$	$h_{\text{siM,d}}$	*rgb**$_{\text{Md}}$			*LabCh**$_{\text{Md}}$				
0/648	R00Y_100_100$_d$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4	0.0	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
1/666	R25Y_100_100$_d$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	57.6	45.4	48.7	66.6	47.0	1.0	0.25	0.0	58.5	43.6	49.1	65.7	48.4	2.0	42	1.0	0.233	0.0	57.6	45.4	48.7	66.6	47.0
2/684	R50Y_100_100$_d$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1	0.0	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
3/702	R75Y_100_100$_d$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	81.1	5.7	61.4	61.7	84.6	1.0	0.75	0.0	80.6	6.5	62.0	62.4	83.9	1.1	77	1.0	0.766	0.0	81.1	5.7	61.4	61.7	84.6
4/720	Y00G_100_100$_d$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1	0.0	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
5/558	Y25G_100_100$_d$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	88.3	−14.2	73.9	75.3	100.8	0.75	1.0	0.0	87.9	−14.8	73.6	75.1	101.3	0.7	102	0.766	1.0	0.0	88.3	−14.2	73.9	75.3	100.8
6/396	Y50G_100_100$_d$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3	0.0	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
7/234	Y75G_100_100$_d$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	60.9	−49.3	34.9	60.4	144.7	0.25	1.0	0.0	61.4	−48.5	35.9	60.3	143.4	1.4	137	0.233	1.0	0.0	60.9	−49.3	34.9	60.4	144.7
8/72	G00B_100_100$_d$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6	0.0	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
9/72	G00B_100_100$_d$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6	0.0	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
10/76	G25B_100_100$_d$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3	0.0	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
11/80	G50B_100_100$_d$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1	0.0	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
12/44	G75B_100_100$_d$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7	0.0	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
13/8	B00M_100_100$_d$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9	0.0	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
14/332	B25R_100_100$_d$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8	0.0	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
15/656	B50R_100_100$_d$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2	0.0	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
16/652	B75R_100_100$_d$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7	0.0	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
17/648	R00Y_100_100$_d$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4	0.0	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
18/688	R00Y_100_050$_d$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	70.0	30.8	14.6	34.1	25.4	1.0	0.5	0.5	70.2	30.6	15.2	34.2	26.5	0.6	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
19/706	R50Y_100_050$_d$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	81.9	12.1	28.9	31.4	67.1	1.0	0.75	0.5	81.7	11.9	22.3	25.3	61.9	6.6	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
20/724	Y00G_100_050$_d$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	91.8	−3.5	33.1	33.3	96.1	1.0	1.0	0.5	91.5	−2.9	27.0	27.2	96.3	6.1	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
21/562	Y50G_100_050$_d$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	83.4	−16.4	25.9	30.7	122.3	0.75	1.0	0.5	85.2	−14.4	24.2	28.1	120.7	3.2	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
22/400	G00B_100_050$_d$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	74.2	−29.7	12.2	32.1	157.6	0.5	1.0	0.5	75.9	−21.5	3.3	21.8	171.1	12.2	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
23/404	G50B_100_050$_d$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	73.1	−11.4	−23.5	26.1	244.1	0.5	1.0	1.0	74.6	−5.6	−38.5	39.0	261.6	16.2	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
24/368	B00R_100_050$_d$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	63.3	12.8	−22.2	25.7	299.9	0.5	0.5	1.0	55.4	17.9	−40.2	44.1	294.0	20.3	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
25/692	B50R_100_050$_d$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	70.5	35.3	−8.6	36.4	346.2	1.0	0.5	1.0	72.3	41.0	−22.1	46.6	331.6	14.7	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
26/688	R00Y_100_050$_d$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	70.0	30.8	14.6	34.1	25.4	1.0	0.5	0.5	70.2	30.6	15.2	34.2	26.5	0.6	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
27/506	R00Y_075_050$_d$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.5	30.8	14.6	34.1	25.4	0.75	0.25	0.25	51.9	27.5	15.1	31.4	28.8	3.3	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
28/524	R50Y_075_050$_d$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	63.3	12.1	28.9	31.4	67.1	0.75	0.5	0.25	64.0	10.3	22.9	25.1	65.6	6.3	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
29/542	Y00G_075_050$_d$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	73.3	−3.5	33.1	33.3	96.1	0.75	0.75	0.25	78.3	−3.3	32.8	33.0	95.7	5.0	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
30/380	Y50G_075_050$_d$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	64.9	−16.4	25.9	30.7	122.3	0.5	0.75	0.25	69.6	−14.9	22.0	26.6	124.2	6.3	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
31/218	G00B_075_050$_d$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	55.6	−29.7	12.2	32.1	157.6	0.25	0.75	0.25	57.3	−27.6	8.4	28.8	162.9	4.6	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
32/222	G50B_075_050$_d$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	54.6	−11.4	−23.5	26.1	244.1	0.25	0.75	0.75	60.3	−10.9	−35.5	37.2	252.9	13.3	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
33/186	B00R_075_050$_d$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	44.7	12.8	−22.2	25.7	299.9	0.25	0.25	0.75	44.5	17.0	−35.9	39.8	295.3	14.3	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
34/510	B50R_075_050$_d$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	51.9	35.3	−8.6	36.4	346.2	0.75	0.25	0.75	52.5	40.0	−19.2	44.4	334.3	11.6	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
35/506	R00Y_075_050$_d$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.5	30.8	14.6	34.1	25.4	0.75	0.25	0.25	51.9	27.5	15.1	31.4	28.8	3.3	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
36/324	R00Y_050_050$_d$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	32.9	30.8	14.6	34.1	25.4	0.5	0.0	0.0	32.3	36.8	20.7	42.3	29.3	8.5	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
37/342	R50Y_050_050$_d$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	44.7	12.1	28.9	31.4	67.1	0.5	0.25	0.0	43.0	9.0	32.3	33.5	74.3	4.9	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
38/360	Y00G_050_050$_d$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	54.7	−3.5	33.1	33.3	96.1	0.5	0.5	0.0	56.2	−5.6	45.0	45.3	97.1	12.1	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
39/198	Y50G_050_050$_d$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	46.3	−16.4	25.9	30.7	122.3	0.25	0.5	0.0	44.0	−20.1	28.4	34.8	125.3	5.0	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
40/36	G00B_050_050$_d$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	37.0	−29.7	12.2	32.1	157.6	0.0	0.5	0.0	41.9	−54.1	17.3	56.8	162.2	25.3	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
41/40	G50B_050_050$_d$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	36.0	−11.4	−23.5	26.1	244.1	0.0	0.5	0.5	43.3	−16.7	−35.4	39.1	244.7	14.9	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
42/4	B00R_050_050$_d$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	26.2	12.8	−22.2	25.7	299.9	0.0	0.0	0.5	29.6	19.6	−39.6	44.3	296.3	19.0	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
43/328	B50R_050_050$_d$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	33.4	35.3	−8.6	36.4	346.2	0.5	0.0	0.5	33.8	44.2	−13.5	46.2	343.0	10.0	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
44/324	R00Y_050_050$_d$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	32.9	30.8	14.6	34.1	25.4	0.5	0.0	0.0	32.3	36.8	20.7	42.3	29.3	8.5	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
45/0	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
46/91	NW_013$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	24.5	0.7	−0.8	1.1	312.2	4.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
47/182	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	35.0	2.2	−3.2	3.9	304.9	5.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
48/273	NW_038$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	50.9	4.5	−7.3	8.6	301.7	9.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
49/364	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	59.6	5.7	−9.5	11.2	301.0	11.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
50/455	NW_063$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	70.3	7.3	−12.9	14.8	299.7	15.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
51/546	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	78.7	8.6	−15.0	17.3	299.8	17.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
52/637	NW_088$_d$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	88.8	10.1	−18.2	20.9	299.1	21.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
53/728	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta *E**' =** ***6.4***

1-0031830-F0 RE670-7N, Page 19/33-F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, Δ*E**'

input: *rgb/cmyk* −> *rgb*$_{\text{d}}$
output: transfer to *cmyk*$_{\text{d}}$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-0031830-F0

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 20/33

$n=j$	HIC*$_{Fd}$	$rgb_{\_Fd}$			$ict_{\_Fd}$			$h_{si\_F,d}$	$rgb*_{Fd}$			$LabCh*_{Fd}$					$rgb*'_{Fd}$			$LabCh*'_{Fd}$					$DE*'_{Fd}$	$h_{siM,d}$	$rgb*_{Md}$			$LabCh*_{Md}$				
0	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1	B00R_012_012$_d$	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	21.5	3.2	−5.5	6.4	299.9	0.0	0.0	0.125	24.4	4.8	−11.2	12.2	293.4	6.5	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
2	B00R_025_025$_d$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	23.1	6.4	−11.1	12.8	299.9	0.0	0.0	0.25	23.6	5.2	−19.9	20.5	284.7	8.8	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
3	B00R_037_037$_d$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	24.6	9.6	−16.7	19.2	299.9	0.0	0.0	0.375	28.1	10.9	−28.9	31.0	290.7	12.8	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
4	B00R_050_050$_d$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	26.2	12.8	−22.2	25.7	299.9	0.0	0.0	0.5	29.6	19.6	−39.6	44.3	296.3	19.0	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
5	B00R_062_062$_d$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	27.7	16.0	−27.8	32.1	299.9	0.0	0.0	0.625	28.1	26.4	−44.8	52.1	300.5	19.9	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
6	B00R_075_075$_d$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	29.2	19.2	−33.4	38.5	299.9	0.0	0.0	0.75	29.1	26.5	−44.7	52.0	300.6	13.5	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
7	B00R_087_087$_d$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	30.8	22.4	−38.9	44.9	299.9	0.0	0.0	0.875	30.8	27.2	−44.4	52.1	301.4	7.2	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
8	B00R_100_100$_d$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9	0.0	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
9	G00B_012_012$_d$	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	24.3	−7.4	3.0	8.0	157.6	0.0	0.125	0.0	29.7	−5.3	1.9	5.6	159.7	5.9	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
10	G50B_012_012$_d$	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	24.0	−2.8	−5.8	6.5	244.1	0.0	0.125	0.125	28.2	−6.2	−11.2	12.9	240.9	7.6	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
11	G75B_025_025$_d$	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.125	0.25	26.3	−1.2	−13.6	13.7	264.7	0.0	0.125	0.25	28.8	−3.3	−20.2	20.4	260.6	7.2	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
12	G84B_037_037$_d$	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.118	0.375	26.8	1.6	−19.7	19.8	274.9	0.0	0.125	0.375	31.0	−1.3	−29.0	29.0	267.2	10.6	251	0.0	0.316	1.0	38.1	4.5	−52.7	52.9	274.9
13	G88B_050_050$_d$	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.116	0.5	27.8	4.7	−25.5	26.0	280.4	0.0	0.125	0.5	33.0	5.8	−39.7	40.1	278.3	15.1	257	0.0	0.233	1.0	35.6	9.4	−51.1	52.0	280.4
14	G90B_062_062$_d$	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.114	0.625	29.4	8.2	−31.2	32.2	284.7	0.0	0.125	0.625	34.2	13.1	−47.0	48.8	285.6	17.2	260	0.0	0.183	1.0	35.1	13.1	−49.9	51.6	284.7
15	G92B_075_075$_d$	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.112	0.75	31.1	11.6	−36.7	38.5	287.6	0.0	0.125	0.75	33.4	17.1	−47.9	50.9	289.6	12.7	262	0.0	0.15	1.0	34.8	15.5	−48.9	51.3	287.6
16	G93B_087_087$_d$	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.116	0.875	32.8	14.6	−42.3	44.8	289.0	0.0	0.125	0.875	34.0	18.9	−47.3	50.9	291.7	6.6	262	0.0	0.133	1.0	34.6	16.7	−48.4	51.2	289.0
17	G94B_100_100$_d$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	34.4	17.9	−47.9	51.1	290.4	0.0	0.125	1.0	34.5	17.3	−48.1	51.1	289.8	0.6	263	0.0	0.116	1.0	34.4	17.9	−47.9	51.1	290.4
18	G00B_025_025$_d$	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	28.5	−14.8	6.1	16.0	157.6	0.0	0.25	0.0	32.6	−17.6	3.4	17.9	168.8	5.6	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
19	G25B_025_025$_d$	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.125	28.8	−11.0	−2.8	11.4	194.3	0.0	0.25	0.125	30.8	−14.1	−6.4	15.5	204.3	5.1	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
20	G50B_025_025$_d$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	28.0	−5.7	−11.7	13.0	244.1	0.0	0.25	0.25	35.0	−8.8	−19.3	21.2	245.4	10.7	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
21	G65B_037_037$_d$	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.256	0.375	31.4	−4.9	−20.7	21.3	256.4	0.0	0.25	0.375	35.4	−6.6	−27.5	28.3	256.4	8.0	228	0.0	0.683	1.0	50.3	−13.3	−55.2	56.8	256.4
22	G75B_050_050$_d$	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.25	0.5	32.7	−2.5	−27.3	27.4	264.7	0.0	0.25	0.5	36.1	−3.4	−36.0	36.2	264.5	9.4	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
23	G80B_062_062$_d$	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.239	0.625	32.8	0.5	−33.5	33.5	270.8	0.0	0.25	0.625	36.4	0.1	−44.8	44.8	270.2	11.8	247	0.0	0.383	1.0	40.5	0.8	−53.6	53.6	270.8
24	G84B_075_075$_d$	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.237	0.75	33.6	3.3	−39.5	39.7	274.9	0.0	0.25	0.75	36.3	4.3	−50.2	50.4	274.9	11.0	251	0.0	0.316	1.0	38.1	4.5	−52.7	52.9	274.9
25	G86B_087_087$_d$	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.233	0.875	34.3	6.3	−45.3	45.8	277.9	0.0	0.25	0.875	35.3	8.8	−51.6	52.4	279.7	6.8	255	0.0	0.266	1.0	36.4	7.2	−51.8	52.3	277.9
26	G88B_100_100$_d$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	35.6	9.4	−51.1	52.0	280.4	0.0	0.25	1.0	35.8	8.1	−51.5	52.1	278.9	1.3	257	0.0	0.233	1.0	35.6	9.4	−51.1	52.0	280.4
27	G00B_037_037$_d$	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	32.8	−22.3	9.1	24.1	157.6	0.0	0.375	0.0	38.3	−29.9	8.8	31.2	163.5	9.3	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
28	G15B_037_037$_d$	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.118	32.8	−19.3	0.3	19.3	178.9	0.0	0.375	0.125	36.5	−26.7	−3.1	26.9	186.6	8.9	168	0.0	1.0	0.316	54.1	−51.5	0.9	51.5	178.9
29	G34B_037_037$_d$	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.256	33.5	−13.7	−8.8	16.3	212.7	0.0	0.375	0.25	37.2	−20.0	−16.0	25.6	218.6	10.2	191	0.0	1.0	0.683	55.9	−36.6	−23.5	43.5	212.7
30	G50B_037_037$_d$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	32.0	−8.5	−17.6	19.6	244.1	0.0	0.375	0.375	39.2	−14.3	−27.5	31.0	242.4	13.5	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
31	G61B_050_050$_d$	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.383	0.5	35.7	−8.4	−27.0	28.3	252.5	0.0	0.375	0.5	39.2	−9.3	−35.8	37.0	255.3	9.5	222	0.0	0.766	1.0	51.5	−16.9	−54.0	56.6	252.5
32	G69B_062_062$_d$	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.385	0.625	38.2	−6.3	−34.8	35.3	259.6	0.0	0.375	0.625	40.8	−6.2	−42.8	43.2	261.6	8.4	232	0.0	0.616	1.0	49.1	−10.2	−55.6	56.6	259.6
33	G75B_075_075$_d$	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.375	0.75	39.0	−3.7	−41.0	41.1	264.7	0.0	0.375	0.75	41.8	−2.7	−50.9	50.9	266.9	10.3	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
34	G79B_087_087$_d$	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.364	0.875	39.2	−0.7	−47.2	47.2	269.1	0.0	0.375	0.875	41.9	−0.7	−53.0	53.0	269.1	6.3	245	0.0	0.416	1.0	41.9	−0.8	−54.0	54.0	269.1
35	G81B_100_100$_d$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	39.9	1.7	−53.4	53.5	271.8	0.0	0.375	1.0	40.2	1.2	−53.5	53.5	271.3	0.5	248	0.0	0.366	1.0	39.9	1.7	−53.4	53.5	271.8
36	G00B_050_050$_d$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	37.0	−29.7	12.2	32.1	157.6	0.0	0.5	0.0	41.9	−54.1	17.3	56.8	162.2	25.3	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
37	G11B_050_050$_d$	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.116	36.8	−26.9	2.9	27.0	173.7	0.0	0.5	0.125	42.4	−53.5	4.8	53.7	174.8	27.2	162	0.0	1.0	0.233	53.7	−53.8	5.8	54.1	173.7
38	G25B_050_050$_d$	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.25	37.7	−22.1	−5.6	22.8	194.3	0.0	0.5	0.25	40.6	−36.7	−10.3	38.1	195.6	15.6	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
39	G38B_050_050$_d$	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.383	37.9	−16.4	−14.4	21.9	221.1	0.0	0.5	0.375	42.0	−27.9	−24.4	37.1	221.1	15.7	197	0.0	1.0	0.766	55.8	−32.9	−28.8	43.8	221.1
40	G50B_050_050$_d$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	36.0	−11.4	−23.5	26.1	244.1	0.0	0.5	0.5	43.3	−16.7	−35.4	39.1	244.7	14.9	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
41	G59B_062_062$_d$	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.51	0.625	39.6	−11.5	−32.8	34.7	250.6	0.0	0.5	0.625	43.7	−14.4	−41.4	43.8	250.8	9.9	219	0.0	0.816	1.0	51.4	−18.4	−52.4	55.6	250.6
42	G65B_075_075$_d$	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.512	0.75	42.8	−9.9	−41.4	42.6	256.4	0.0	0.5	0.75	46.4	−11.5	−49.1	50.4	256.7	8.6	228	0.0	0.683	1.0	50.3	−13.3	−55.2	56.8	256.4
43	G70B_087_087$_d$	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.51	0.875	44.5	−7.6	−48.5	49.1	261.0	0.0	0.5	0.875	47.0	−7.5	−54.3	54.8	262.0	6.3	234	0.0	0.583	1.0	48.0	−8.7	−55.4	56.1	261.0
44	G75B_100_100$_d$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7	0.0	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
45	G00B_062_062$_d$	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	41.3	−37.2	15.2	40.2	157.6	0.0	0.625	0.0	46.5	−61.0	20.5	64.4	161.4	24.9	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
46	G09B_062_062$_d$	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.114	41.0	−34.7	5.8	35.2	170.5	0.0	0.625	0.125	46.6	−66.0	11.4	67.0	170.1	32.2	159	0.0	1.0	0.183	53.6	−55.6	9.2	56.4	170.5
47	G19B_062_062$_d$	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.239	41.5	−30.9	−1.8	31.0	183.4	0.0	0.625	0.25	47.6	−61.4	−2.5	61.4	182.3	31.0	172	0.0	1.0	0.383	54.5	−49.5	−2.9	49.6	183.4
48	G30B_062_062$_d$	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.385	42.4	−24.7	−11.8	27.4	205.6	0.0	0.625	0.375	48.1	−47.8	−16.6	50.6	199.2	24.2	187	0.0	1.0	0.616	55.9	−39.5	−19.0	43.8	205.6
49	G40B_062_062$_d$	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.51	41.9	−19.9	−20.1	28.2	225.2	0.0	0.625	0.5	49.9	−38.9	−30.4	49.3	218.0	23.0	200	0.0	1.0	0.816	55.1	−31.8	−32.1	45.2	225.2
50	G50B_062_062$_d$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	40.0	−14.2	−29.3	32.6	244.1	0.0	0.625	0.625	49.0	−24.1	−40.9	47.5	239.4	17.6	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
51	G57B_075_075$_d$	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.637	0.75	43.5	−14.5	−38.5	41.2	249.3	0.0	0.625	0.75	49.4	−21.4	−45.2	50.0	244.6	11.2	217	0.0	0.85	1.0	51.4	−19.3	−51.4	54.9	249.3
52	G63B_087_087$_d$	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.641	0.875	47.3	−13.7	−47.9	49.8	254.0	0.0	0.625	0.875	49.8	−16.0	−52.0	54.4	252.8	5.3	224	0.0	0.733	1.0	51.2	−15.6	−54.7	56.9	254.0
53	G68B_100_100$_d$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	49.5	−10.9	−55.6	56.7	258.8	0.0	0.625	1.0	49.3	−10.5	−55.7	56.7	259.2	0.4	231	0.0	0.633	1.0	49.5	−10.9	−55.6	56.7	258.8
54	G00B_075_075$_d$	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	45.6	−44.6	18.3	48.2	157.6	0.0	0.75	0.0	50.1	−64.7	21.1	68.1	161.9	20.8	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
55	G07B_075_075$_d$	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.112	45.2	−42.5	8.7	43.4	168.3	0.0	0.75	0.125	48.9	−66.7	12.6	67.9	169.2	24.7	157	0.0	1.0	0.15	53.6	−56.7	11.6	57.9	168.3
56	G15B_075_075$_d$	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.237	45.6	−38.6	0.6	38.6	178.9	0.0	0.75	0.25	48.8	−61.2	0.1	61.2	179.9	22.8	168	0.0	1.0	0.316	54.1	−51.5	0.9	51.5	178.9
57	G25B_075_075$_d$	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.375	46.5	−33.2	−8.4	34.2	194.3	0.0	0.75	0.375	49.9	−51.9	−12.9	53.5	194.0	19.5	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
58	G34B_075_075$_d$	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.512	47.0	−27.4	−17.6	32.6	212.7	0.0	0.75	0.5	51.0	−42.7	−24.4	49.2	209.8	17.1	191	0.0	1.0	0.683	55.9	−36.6	−23.5	43.5	212.7
59	G42B_075_075$_d$	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.637	46.0	−23.1	−25.7	34.6	228.0	0.0	0.75	0.625	51.6	−34.0	−34.2	48.2	225.1	14.8	202	0.0	1.0	0.85	54.7	−30.9	−34.3	46.2	228.0
60	G50B_075_075$_d$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	44.0	−17.1	−35.2	39.2	244.1	0.0	0.75	0.75	51.1	−26.7	−43.2	50.8	238.2	14.3	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
61	G56B_087_087$_d$	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.758	0.875	47.4	−17.3	−44.5	47.8	248.7	0.0	0.75	0.875	51.1	−22.6	−47.7	52.8	244.6	7.1	217	0.0	0.866	1.0	51.4	−19.8	−50.9	54.6	248.7
62	G61B_100_100$_d$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.766	1.0	51.5	−16.9	−54.0	56.6	252.5	0.0	0.75	1.0	51.5	−16.4	−54.5	56.9	253.2	0.7	222	0.0	0.766	1.0	51.5	−16.9	−54.0	56.6	252.5
63	G00B_087_087$_d$	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	49.8	−52.0	21.4	56.3	157.6	0.0	0.875	0.0	51.7	−63.6	22.2	67.4	160.7	11.7	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
64	G06B_087_087$_d$	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.116	49.4	−50.0	11.3	51.3	167.2	0.0	0.875	0.125	51.4	−60.6	12.4	61.9	168.3	10.8	157	0.0	1.0	0.133	53.6	−57.2	12.9	58.6	167.2
65	G13B_087_087$_d$	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.233	49.6	−46.2	3.3	46.3	175.8	0.0	0.875	0.25	51.4	−56.9	1.8	56.9	178.1	10.9	164	0.0	1.0	0.266	53.8	−52.8	3.8	52.9	175.8
66	G20B_087_087$_d$	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.364	50.4	−42.1	−4.8	42.4	186.5	0.0	0.875	0.375	52.5	−51.1	−7.0	51.5	187.8	9.4	174	0.0	1.0	0.416	54.7	−48.2	−5.5	48.5	186.5
67	G29B_087_087$_d$	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.51	51.3	−35.9	−14.8	38.8	202.4	0.0	0.875	0.5	53.1	−43.1	−19.1	47.1	203.9	8.5	185	0.0	1.0	0.583	55.7	−41.0	−16.9	44.4	202.4
68	G36B_087_087$_d$	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.641	51.5	−29.9	−23.4	37.9	218.0	0.0	0.875	0.625	53.7	−36.7	−26.5	45.3	215.8	7.9	195	0.0	1.0	0.733	56.0	−34.1	−26.7	43.4	218.0
69	G43B_087_087$_d$	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.758	50.2	−26.6	−31.0	40.8	229.3	0.0	0.875	0.75	52.7	−32.3	−35.0	47.6	227.2	7.4	202	0.0	1.0	0.866	54.5	−30.4	−35.4	46.7	229.3
70	G50B_087_087$_d$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	48.1	−19.9	−41.1	45.7	244.1	0.0	0.875	0.875	51.1	−24.9	−45.7	52.0	241.3	7.4	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
71	G55B_100_100$_d$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	51.4	−20.2	−50.4	54.3	248.0	0.0	0.875	1.0	51.4	−20.0	−50.6	54.4	248.3	0.3	216	0.0	0.883	1.0	51.4	−20.2	−50.4	54.3	248.0
72	G00B_100_100$_d$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6	0.0	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
73	G05B_100_100$_d$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.116	53.6	−57.6	14.2	59.3	166.1	0.0	1.0	0.125	53.6	−57.4	13.5	59.0	166.7	0.7	156	0.0	1.0	0.116	53.6	−57.6	14.2	59.3	166.1
74	G11B_100_100$_d$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.233	53.7	−53.8	5.8	54.1	173.7	0.0	1.0	0.25	53.7	−53.2	4.8	53.4	174.8	1.2	162	0.0	1.0	0.233	53.7	−53.8	5.8	54.1	173.7
75	G18B_100_100$_d$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.366	54.3	−50.1	−1.8	50.1	182.1	0.0	1.0	0.375	54.4	−49.8	−2.2	49.9	182.6	0.5	171	0.0	1.0	0.366	54.3	−50.1	−1.8	50.1	182.1
76	G25B_100_100$_d$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3	0.0	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
77	G31B_100_100$_d$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.633	55.9	−38.8	−20.1	43.7	207.3	0.0	1.0	0.625	55.9	−39.1	−19.5	43.7	206.4	0.6	188	0.0	1.0	0.633	55.9	−38.8	−20.1	43.7	207.3
78	G38B_100_100$_d$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	55.8	−32.9	−28.8	43.8	221.1	0.0	1.0	0.75	56.0	−33.2	−27.7	43.3	219.8	1.1	197	0.0	1.0	0.766	55.8	−32.9	−28.8	43.8	221.1
79	G44B_100_100$_d$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.883	54.2	−29.7	−36.7	47.3	231.0	0.0	1.0	0.875	54.4	−30.1	−36.0	46.9	230.0	0.8	203	0.0	1.0	0.883	54.2	−29.7	−36.7	47.3	231.0
80	G50B_100_100$_d$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1	0.0	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1

Mean color difference of this page: **delta $E*'$ = *10.3***

1−0031930−F0

RE670−7N, Page 20/33−F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E*'$

input: *rgb/cmyk* −> rgb_d
output: transfer to $cmyk_d$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 21/33

n	HIC^*_{Fd}	$rgb_{\_Fd}$			$ict_{\_Fd}$			$h_{si\_F,d}$	rgb^*_{Fd}			$LabCh^*_{Fd}$					$rgb^{*\prime}_{Fd}$			$LabCh^{*\prime}_{Fd}$					$DE^{*\prime}_{Fd}$	$h_{siM,d}$	rgb^*_{Md}			$LabCh^*_{Md}$				
81	R00Y_012_012$_d$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	23.2	7.7	3.6	8.5	25.4	0.125	0.0	0.0	22.5	5.6	4.9	7.4	41.4	2.5	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
82	B50R_012_012$_d$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	23.3	8.8	−2.1	9.1	346.2	0.125	0.0	0.125	25.9	10.2	−4.8	11.3	334.5	3.9	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
83	B25R_025_025$_d$	0.125	0.0	0.25	0.25	0.25	0.125	300	0.125	0.0	0.25	23.8	12.5	−8.1	14.9	326.8	0.125	0.0	0.25	26.8	13.7	−14.8	20.2	312.6	7.4	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
84	B15R_037_037$_d$	0.125	0.0	0.375	0.375	0.375	0.187	289	0.118	0.0	0.375	24.5	16.0	−13.7	21.1	319.2	0.125	0.0	0.375	28.2	16.8	−22.5	28.1	306.8	9.5	288	0.316	0.0	1.0	32.0	42.7	−36.7	56.3	319.2
85	B11R_050_050$_d$	0.125	0.0	0.5	0.5	0.5	0.25	284	0.116	0.0	0.5	25.5	19.3	−19.4	27.4	314.8	0.125	0.0	0.5	28.8	26.6	−31.9	41.5	309.8	14.7	282	0.233	0.0	1.0	30.9	38.6	−38.9	54.9	314.8
86	B09R_062_062$_d$	0.125	0.0	0.625	0.625	0.625	0.312	281	0.114	0.0	0.625	27.0	22.2	−25.3	33.7	311.2	0.125	0.0	0.625	28.5	33.1	−35.7	48.8	312.8	15.1	279	0.183	0.0	1.0	31.1	35.6	−40.6	54.0	311.2
87	B07R_075_075$_d$	0.125	0.0	0.75	0.75	0.75	0.375	279	0.112	0.0	0.75	28.4	25.1	−31.1	40.0	308.9	0.125	0.0	0.75	29.4	34.5	−39.4	52.4	311.2	12.5	278	0.15	0.0	1.0	31.3	33.5	−41.5	53.4	308.9
88	B06R_087_087$_d$	0.125	0.0	0.875	0.875	0.875	0.437	278	0.116	0.0	0.875	29.9	28.4	−36.7	46.5	307.7	0.125	0.0	0.875	30.2	34.4	−40.9	53.5	310.0	7.3	277	0.133	0.0	1.0	31.3	32.5	−42.0	53.1	307.7
89	B05R_100_100$_d$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	31.4	31.5	−42.4	52.8	306.6	0.125	0.0	1.0	31.4	32.0	−42.2	53.0	307.1	0.4	276	0.116	0.0	1.0	31.4	31.5	−42.4	52.8	306.6
90	Y00G_012_012$_d$	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	28.7	−0.8	8.2	8.3	96.1	0.125	0.125	0.0	28.7	−1.6	7.9	8.1	101.8	0.8	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
91	NW_012$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	24.5	0.7	−0.8	1.1	312.2	4.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
92	B00R_025_012$_d$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	30.8	3.2	−5.5	6.4	299.9	0.125	0.125	0.25	28.7	4.1	−14.4	15.0	286.0	9.1	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
93	B00R_037_025$_d$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	32.4	6.4	−11.1	12.8	299.9	0.125	0.125	0.375	31.2	6.6	−22.5	23.4	286.4	11.4	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
94	B00R_050_037$_d$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	33.9	9.6	−16.7	19.2	299.9	0.125	0.125	0.5	35.1	11.5	−28.5	30.7	292.0	12.0	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
95	B00R_062_050$_d$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	35.4	12.8	−22.2	25.7	299.9	0.125	0.125	0.625	37.2	17.8	−35.3	39.6	296.7	14.1	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
96	B00R_075_062$_d$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	37.0	16.0	−27.8	32.1	299.9	0.125	0.125	0.75	38.3	19.4	−41.1	45.5	295.3	13.7	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
97	B00R_087_075$_d$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	38.5	19.2	−33.4	38.5	299.9	0.125	0.125	0.875	36.1	23.1	−44.7	50.4	297.3	12.2	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
98	B00R_100_087$_d$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	40.1	22.4	−38.9	44.9	299.9	0.125	0.125	1.0	34.5	25.2	−44.9	51.6	299.3	8.6	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
99	Y50G_025_025$_d$	0.125	0.25	0.0	0.25	0.25	0.125	120	0.125	0.25	0.0	33.1	−8.2	12.9	15.3	122.3	0.125	0.25	0.0	34.7	−8.0	12.3	14.7	123.1	1.7	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
100	G00B_025_012$_d$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	33.5	−7.4	3.0	8.0	157.6	0.125	0.25	0.125	34.8	−6.9	0.6	6.9	174.4	2.7	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
101	G50B_025_012$_d$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	33.3	−2.8	−5.8	6.5	244.1	0.125	0.25	0.25	34.1	−5.5	−14.6	15.6	249.3	9.1	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
102	G75B_037_025$_d$	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.25	0.375	35.6	−1.2	−13.6	13.7	264.7	0.125	0.25	0.375	37.0	−1.4	−22.3	22.3	266.3	8.7	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
103	G84B_050_037$_d$	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.243	0.5	36.1	1.6	−19.7	19.8	274.9	0.125	0.25	0.5	39.3	1.5	−28.7	28.7	273.0	9.4	251	0.0	0.316	1.0	38.1	4.5	−52.7	52.9	274.9
104	G88B_062_050$_d$	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.241	0.625	37.1	4.7	−25.5	26.0	280.4	0.125	0.25	0.625	42.4	4.9	−33.4	33.8	278.4	9.4	257	0.0	0.233	1.0	35.6	9.4	−51.1	52.0	280.4
105	G90B_075_062$_d$	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.239	0.75	38.7	8.2	−31.2	32.2	284.7	0.125	0.25	0.75	43.6	7.7	−39.9	40.6	280.9	10.0	260	0.0	0.183	1.0	35.1	13.1	−49.9	51.6	284.7
106	G92B_087_075$_d$	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.237	0.875	40.4	11.6	−36.7	38.5	287.6	0.125	0.25	0.875	39.1	14.2	−47.8	49.9	286.5	11.5	262	0.0	0.15	1.0	34.8	15.5	−48.9	51.3	287.6
107	G93B_100_087$_d$	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.241	1.0	42.1	14.6	−42.3	44.8	289.0	0.125	0.25	1.0	37.8	17.5	−46.9	50.0	290.4	6.8	262	0.0	0.133	1.0	34.6	16.7	−48.4	51.2	289.0
108	Y68G_037_037$_d$	0.125	0.375	0.0	0.375	0.375	0.187	131	0.118	0.375	0.0	36.9	−16.2	15.5	22.4	136.1	0.125	0.375	0.0	38.4	−23.5	16.8	28.9	144.4	7.5	131	0.316	1.0	0.0	65.0	−43.2	41.5	59.9	136.1
109	G00B_037_025$_d$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	37.8	−14.8	6.1	16.0	157.6	0.125	0.375	0.125	37.4	−17.6	2.7	17.8	171.0	4.3	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
110	G25B_037_025$_d$	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.25	38.1	−11.0	−2.8	11.4	194.3	0.125	0.375	0.25	36.2	−13.2	−8.7	15.8	213.5	6.6	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
111	G50B_037_025$_d$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	37.3	−5.7	−11.7	13.0	244.1	0.125	0.375	0.375	41.1	−8.1	−22.8	24.2	250.4	11.9	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
112	G65B_050_037$_d$	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.381	0.5	40.6	−4.9	−20.7	21.3	256.4	0.125	0.375	0.5	42.1	−4.9	−28.3	28.8	260.2	7.8	228	0.0	0.683	1.0	50.3	−13.3	−55.2	56.8	256.4
113	G75B_062_050$_d$	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.375	0.625	41.9	−2.5	−27.3	27.4	264.7	0.125	0.375	0.625	44.8	−2.3	−32.7	32.8	265.8	6.1	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
114	G80B_075_062$_d$	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.364	0.75	42.1	0.5	−33.5	33.5	270.8	0.125	0.375	0.75	46.2	−0.4	−38.1	38.1	269.3	6.2	247	0.0	0.383	1.0	40.5	0.8	−53.6	53.6	270.8
115	G84B_087_075$_d$	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.362	0.875	42.9	3.3	−39.5	39.7	274.9	0.125	0.375	0.875	44.3	2.6	−49.9	50.0	273.0	10.5	251	0.0	0.316	1.0	38.1	4.5	−52.7	52.9	274.9
116	G86B_100_087$_d$	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.358	1.0	43.6	6.3	−45.3	45.8	277.9	0.125	0.375	1.0	39.8	7.0	−50.9	51.4	277.8	6.8	255	0.0	0.266	1.0	36.4	7.2	−51.8	52.3	277.9
117	Y76G_050_050$_d$	0.125	0.5	0.0	0.5	0.5	0.25	136	0.116	0.5	0.0	40.4	−24.6	17.4	30.2	144.7	0.125	0.5	0.0	41.9	−36.4	22.2	42.7	148.5	12.7	137	0.233	1.0	0.0	60.9	−49.3	34.9	60.4	144.7
118	G00B_050_037$_d$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	42.1	−22.3	9.1	24.1	157.6	0.125	0.5	0.125	42.4	−23.8	6.0	24.6	165.7	3.4	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
119	G15B_050_037$_d$	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.243	42.0	−19.3	0.3	19.3	178.9	0.125	0.5	0.25	42.9	−20.8	−5.5	21.6	194.8	6.1	168	0.0	1.0	0.316	54.1	−51.5	0.9	51.5	178.9
120	G34B_050_037$_d$	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.381	42.7	−13.7	−8.8	16.3	212.7	0.125	0.5	0.375	44.1	−14.6	−18.2	23.4	231.2	9.5	191	0.0	1.0	0.683	55.9	−36.6	−23.5	43.5	212.7
121	G50B_050_037$_d$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	41.3	−8.5	−17.6	19.6	244.1	0.125	0.5	0.5	46.1	−10.0	−29.7	31.3	251.2	13.0	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
122	G61B_062_050$_d$	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.508	0.625	45.0	−8.4	−27.0	28.3	252.5	0.125	0.5	0.625	48.2	−6.9	−34.3	35.0	258.5	8.0	222	0.0	0.766	1.0	51.5	−16.9	−54.0	56.6	252.5
123	G69B_075_062$_d$	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.51	0.75	47.4	−6.3	−34.8	35.3	259.6	0.125	0.5	0.75	49.3	−4.8	−38.4	38.7	262.7	4.3	232	0.0	0.616	1.0	49.1	−10.2	−55.6	56.6	259.6
124	G75B_087_075$_d$	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.5	0.875	48.3	−3.7	−41.0	41.1	264.7	0.125	0.5	0.875	49.5	−3.5	−47.0	47.1	265.7	6.1	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
125	G79B_100_087$_d$	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.489	1.0	48.5	−0.7	−47.2	47.2	269.1	0.125	0.5	1.0	45.0	−1.1	−52.6	52.6	268.7	6.4	245	0.0	0.416	1.0	41.9	−0.8	−54.0	54.0	269.1
126	Y81G_062_062$_d$	0.125	0.625	0.0	0.625	0.625	0.312	139	0.114	0.625	0.0	44.5	−32.3	19.9	37.9	148.3	0.125	0.625	0.0	47.7	−47.6	26.0	54.3	151.3	16.8	140	0.183	1.0	0.0	59.2	−51.7	31.8	60.7	148.3
127	G00B_062_050$_d$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	46.3	−29.7	12.2	32.1	157.6	0.125	0.625	0.125	47.9	−32.1	9.9	33.6	162.7	3.6	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
128	G11B_062_050$_d$	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.241	46.1	−26.9	2.9	27.0	173.7	0.125	0.625	0.25	48.1	−29.7	−0.7	29.7	181.5	5.0	162	0.0	1.0	0.233	53.7	−53.8	5.8	54.1	173.7
129	G25B_062_050$_d$	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.375	47.0	−22.1	−5.6	22.8	194.3	0.125	0.625	0.375	48.9	−24.0	−13.0	27.3	208.4	7.8	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
130	G38B_062_050$_d$	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.508	47.2	−16.4	−14.4	21.9	221.1	0.125	0.625	0.5	50.2	−17.6	−24.6	30.3	234.4	10.7	197	0.0	1.0	0.766	55.8	−32.9	−28.8	43.8	221.1
131	G50B_062_050$_d$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	45.3	−11.4	−23.5	26.1	244.1	0.125	0.625	0.625	51.6	−13.7	−34.1	36.7	248.0	12.5	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
132	G59B_075_062$_d$	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.635	0.75	48.9	−11.5	−32.8	34.7	250.6	0.125	0.625	0.75	52.2	−9.7	−39.4	40.6	256.0	7.5	219	0.0	0.816	1.0	51.4	−18.4	−52.4	55.6	250.6
133	G65B_087_075$_d$	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.637	0.875	52.0	−9.9	−41.4	42.6	256.4	0.125	0.625	0.875	52.2	−7.7	−45.2	45.9	260.2	4.4	228	0.0	0.683	1.0	50.3	−13.3	−55.2	56.8	256.4
134	G70B_100_087$_d$	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.635	1.0	53.8	−7.6	−48.5	49.1	261.0	0.125	0.625	1.0	49.9	−5.8	−53.3	53.6	263.7	6.4	234	0.0	0.583	1.0	48.0	−8.7	−55.4	56.1	261.0
135	Y85G_075_075$_d$	0.125	0.75	0.0	0.75	0.75	0.375	141	0.112	0.75	0.0	48.5	−39.9	22.2	45.7	150.8	0.125	0.75	0.0	52.4	−53.0	28.5	60.2	151.7	15.0	142	0.15	1.0	0.0	58.0	−53.2	29.7	60.9	150.8
136	G00B_075_062$_d$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	50.6	−37.2	15.2	40.2	157.6	0.125	0.75	0.125	53.0	−37.5	12.9	39.7	160.9	3.3	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
137	G09B_075_062$_d$	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.239	50.3	−34.7	5.8	35.2	170.5	0.125	0.75	0.25	53.0	−36.1	4.1	36.3	173.4	3.4	159	0.0	1.0	0.183	53.6	−55.6	9.2	56.4	170.5
138	G19B_075_062$_d$	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.364	50.8	−30.9	−1.8	31.0	183.4	0.125	0.75	0.375	54.4	−34.3	−6.7	35.0	191.1	6.9	172	0.0	1.0	0.383	54.5	−49.5	−2.9	49.6	183.4
139	G30B_075_062$_d$	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.51	51.7	−24.7	−11.8	27.4	205.6	0.125	0.75	0.5	55.9	−27.7	−19.0	33.7	214.4	8.8	187	0.0	1.0	0.616	55.9	−39.5	−19.0	43.8	205.6
140	G40B_075_062$_d$	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.635	51.2	−19.9	−20.1	28.2	225.2	0.125	0.75	0.625	56.0	−23.8	−29.3	37.8	230.8	11.1	200	0.0	1.0	0.816	55.1	−31.8	−32.1	45.2	225.2
141	G50B_075_062$_d$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	49.3	−14.2	−29.3	32.6	244.1	0.125	0.75	0.75	55.9	−17.6	−38.2	42.1	245.2	11.5	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
142	G57B_087_075$_d$	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.762	0.875	52.8	−14.5	−38.5	41.2	249.3	0.125	0.75	0.875	55.3	−12.9	−44.8	46.6	253.8	6.9	217	0.0	0.85	1.0	51.4	−19.3	−51.4	54.9	249.3
143	G63B_100_087$_d$	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	0.766	1.0	56.6	−13.7	−47.9	49.8	254.0	0.125	0.75	1.0	54.6	−11.2	−51.6	52.8	257.6	4.8	224	0.0	0.733	1.0	51.2	−15.6	−54.7	56.9	254.0
144	Y86G_087_087$_d$	0.125	0.875	0.0	0.875	0.875	0.437	142	0.116	0.875	0.0	52.8	−47.1	25.0	53.4	152.0	0.125	0.875	0.0	57.4	−54.5	30.7	62.6	150.5	10.4	142	0.133	1.0	0.0	57.5	−53.9	28.6	61.0	152.0
145	G00B_087_075$_d$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	54.8	−44.6	18.3	48.2	157.6	0.125	0.875	0.125	58.3	−51.1	19.4	54.7	159.1	7.4	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
146	G07B_087_075$_d$	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.237	54.5	−42.5	8.7	43.4	168.3	0.125	0.875	0.25	58.3	−47.7	8.8	48.5	169.5	6.4	157	0.0	1.0	0.15	53.6	−56.7	11.6	57.9	168.3
147	G15B_087_075$_d$	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.362	54.8	−38.6	0.6	38.6	178.9	0.125	0.875	0.375	58.4	−43.0	−3.3	43.1	184.4	6.9	168	0.0	1.0	0.316	54.1	−51.5	0.9	51.5	178.9
148	G25B_087_075$_d$	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.5	55.8	−33.2	−8.4	34.2	194.3	0.125	0.875	0.5	59.4	−37.0	−14.3	39.7	201.1	7.8	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
149	G34B_087_075$_d$	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.637	56.2	−27.4	−17.6	32.6	212.7	0.125	0.875	0.625	59.7	−31.9	−23.1	39.4	215.8	7.8	191	0.0	1.0	0.683	55.9	−36.6	−23.5	43.5	212.7
150	G42B_087_075$_d$	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.762	55.3	−23.1	−25.7	34.6	228.0	0.125	0.875	0.75	59.2	−27.2	−32.3	42.2	229.8	8.5	202	0.0	1.0	0.85	54.7	−30.9	−34.3	46.2	228.0
151	G50B_087_075$_d$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	53.3	−17.1	−35.2	39.2	244.1	0.125	0.875	0.875	58.5	−20.3	−42.3	46.9	244.3	9.2	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
152	G56B_100_087$_d$	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	0.883	1.0	56.7	−17.3	−44.5	47.8	248.7	0.125	0.875	1.0	57.3	−16.2	−49.6	52.2	251.8	5.2	217	0.0	0.866	1.0	51.4	−19.8	−50.9	54.6	248.7
153	Y88G_100_100$_d$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	57.0	−54.6	27.8	61.2	152.9	0.125	1.0	0.0	57.2	−54.2	28.0	61.0	152.6	0.4	143	0.116	1.0	0.0	57.0	−54.6	27.8	61.2	152.9
154	G00B_100_087$_d$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	59.1	−52.0	21.4	56.3	157.6	0.125	1.0	0.125	56.0	−54.6	19.8	58.1	160.0	4.2	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
155	G06B_100_087$_d$	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.241	58.7	−50.0	11.3	51.3	167.2	0.125	1.0	0.25	55.7	−53.0	10.8	54.1	168.4	4.2	157	0.0	1.0	0.133	53.6	−57.2	12.9	58.6	167.2
156	G13B_100_087$_d$	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.358	58.9	−46.2	3.3	46.3	175.8	0.125	1.0	0.375	57.1	−47.7	1.6	47.7	178.0	2.8	164	0.0	1.0	0.266	53.8	−52.8	3.8	52.9	175.8
157	G20B_100_087$_d$	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.489	59.7	−42.1	−4.8	42.4	186.5	0.125	1.0	0.5	57.5	−41.3	−10.2	42.6	193.9	5.9	174	0.0	1.0	0.416	54.7	−48.2	−5.5	48.5	186.5
158	G29B_100_087$_d$	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.635	60.6	−35.9	−14.8	38.8	202.4	0.125	1.0	0.625	58.4	−35.3	−20.6	40.9	210.3	6.2	185	0.0	1.0	0.583	55.7	−41.0	−16.9	44.4	202.4
159	G36B_100_087$_d$	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.766	60.7	−29.9	−23.4	37.9	218.0	0.125	1.0	0.75	58.2	−31.4	−27.2	41.5	220.9	4.8	195	0.0	1.0	0.733	56.0	−34.1	−26.7	43.4	218.0
160	G43B_100_087$_d$	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	1.0	0.883	59.4	−26.6	−31.0	40.8	229.3	0.125	1.0	0.875	58.5	−25.3	−35.9	44.0	234.8	5.1	202	0.0	1.0	0.866	54.5	−30.4	−35.4	46.7	229.3
161	G50B_100_087$_d$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	57.3	−19.9	−41.1	45.7	244.1	0.125	1.0	1.0	55.1	−21.2	−46.1	50.8	245.2	5.6	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1

Mean color difference of this page: **delta $E^{*\prime}$ =** *7.7*

TUB-test chart RE67; 1080 standard colours, cf=1
colors and differences, $\Delta E^{*\prime}$

input: $rgb/cmyk$ −> rgb_d
output: transfer to $cmyk_d$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 22/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

n	HIC*Fd	rgb_Fd			ict_Fd			hsi_F,d	rgb*Fd			LabCh*Fd					rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
162	R00Y_025_025d	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	26.5	15.4	7.3	17.0	25.4	0.25	0.0	0.0	25.9	11.7	10.1	15.4	40.7	4.6	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
163	R00Y_025_025d	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.125	26.1	16.1	1.3	16.1	4.7	0.25	0.0	0.125	26.2	14.4	0.4	14.4	1.9	1.9	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
164	B50R_025_025d	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	26.7	17.6	−4.3	18.2	346.2	0.25	0.0	0.25	27.9	21.6	−9.2	23.5	336.8	6.4	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
165	B34R_037_037d	0.25	0.0	0.375	0.375	0.375	0.187	311	0.256	0.0	0.375	27.2	21.4	−10.1	23.7	334.6	0.25	0.0	0.375	28.8	25.4	−16.2	30.1	327.5	7.4	311	0.683	0.0	1.0	39.3	57.1	−27.0	63.2	334.6
166	B25R_050_050d	0.25	0.0	0.5	0.5	0.5	0.25	300	0.25	0.0	0.5	27.7	25.0	−16.3	29.9	326.8	0.25	0.0	0.5	29.9	29.6	−22.9	37.4	322.2	8.3	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
167	B19R_062_062d	0.25	0.0	0.625	0.625	0.625	0.312	293	0.239	0.0	0.625	28.2	28.5	−21.9	35.9	322.4	0.25	0.0	0.625	29.5	35.8	−29.5	46.4	320.4	10.6	292	0.383	0.0	1.0	33.2	45.6	−35.0	57.5	322.4
168	B15R_075_075d	0.25	0.0	0.75	0.75	0.75	0.375	289	0.237	0.0	0.75	29.0	32.0	−27.5	42.2	319.2	0.25	0.0	0.75	30.3	38.5	−33.2	50.8	319.2	8.6	288	0.316	0.0	1.0	32.0	42.7	−36.7	56.3	319.2
169	B13R_087_087d	0.25	0.0	0.875	0.875	0.875	0.437	286	0.233	0.0	0.875	29.8	35.3	−33.2	48.5	316.8	0.25	0.0	0.875	31.0	39.8	−37.2	54.5	316.8	6.1	284	0.266	0.0	1.0	31.2	40.4	−37.9	55.4	316.8
170	B11R_100_100d	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	30.9	38.6	−38.9	54.9	314.8	0.25	0.0	1.0	30.9	39.6	−38.3	55.1	315.9	1.1	282	0.233	0.0	1.0	30.9	38.6	−38.9	54.9	314.8
171	R50Y_025_025d	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.125	0.0	32.4	6.0	14.4	15.7	67.1	0.25	0.125	0.0	29.5	2.6	14.0	14.2	79.1	4.4	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
172	R00Y_025_012d	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	32.5	7.7	3.6	8.5	25.4	0.25	0.125	0.125	28.5	7.0	3.9	8.1	29.1	4.0	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
173	B50R_025_012d	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	32.6	8.8	−2.1	9.1	346.2	0.25	0.125	0.25	32.8	12.5	−8.1	15.0	326.9	7.0	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
174	B25R_037_025d	0.25	0.125	0.375	0.375	0.25	0.25	300	0.25	0.124	0.375	33.1	12.5	−8.1	14.9	326.8	0.25	0.125	0.375	33.5	14.4	−16.2	21.7	311.6	8.3	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
175	B15R_050_037d	0.25	0.125	0.5	0.5	0.375	0.312	289	0.243	0.124	0.5	33.8	16.0	−13.7	21.1	319.2	0.25	0.125	0.5	34.8	19.7	−23.9	31.0	309.4	10.9	288	0.316	0.0	1.0	32.0	42.7	−36.7	56.3	319.2
176	B11R_062_050d	0.25	0.125	0.625	0.625	0.5	0.375	284	0.241	0.125	0.625	34.7	19.3	−19.4	27.4	314.8	0.25	0.125	0.625	37.7	23.1	−30.4	38.2	307.2	11.9	282	0.233	0.0	1.0	30.9	38.6	−38.9	54.9	314.8
177	B09R_075_062d	0.25	0.125	0.75	0.75	0.625	0.437	281	0.239	0.125	0.75	36.2	22.2	−25.3	33.7	311.2	0.25	0.125	0.75	39.4	27.0	−36.3	45.2	306.7	12.3	279	0.183	0.0	1.0	31.1	35.6	−40.6	54.0	311.2
178	B07R_087_075d	0.25	0.125	0.875	0.875	0.75	0.5	279	0.237	0.125	0.875	37.7	25.1	−31.1	40.0	308.9	0.25	0.125	0.875	35.7	33.0	−41.0	52.7	308.8	12.8	278	0.15	0.0	1.0	31.3	33.5	−41.5	53.4	308.9
179	B06R_100_087d	0.25	0.125	1.0	1.0	0.875	0.562	278	0.241	0.125	1.0	39.2	28.4	−36.7	46.5	307.7	0.25	0.125	1.0	35.5	32.5	−41.4	52.6	308.1	7.2	277	0.133	0.0	1.0	31.3	32.5	−42.0	53.1	307.7
180	Y00G_025_025d	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	37.4	−1.7	16.5	16.6	96.1	0.25	0.25	0.0	36.1	−3.9	19.5	19.9	101.4	3.8	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
181	Y00G_025_012d	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	38.0	−0.8	8.2	8.3	96.1	0.25	0.25	0.125	34.8	−1.2	7.5	7.6	99.5	3.2	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
182	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	35.0	2.2	−3.2	3.9	304.9	5.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
183	B00R_037_012d	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	40.1	3.2	−5.5	6.4	299.9	0.25	0.25	0.375	36.6	5.7	−17.3	18.2	288.3	12.5	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
184	B00R_050_025d	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	41.6	6.4	−11.1	12.8	299.9	0.25	0.25	0.5	39.5	9.3	−24.7	26.4	290.6	14.1	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
185	B00R_062_037d	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	43.2	9.6	−16.7	19.2	299.9	0.25	0.25	0.625	42.7	12.7	−29.7	32.3	293.1	13.3	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
186	B00R_075_050d	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	44.7	12.8	−22.2	25.7	299.9	0.25	0.25	0.75	44.5	17.0	−35.9	39.8	295.3	14.3	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
187	B00R_087_062d	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	46.3	16.0	−27.8	32.1	299.9	0.25	0.25	0.875	39.8	23.5	−43.5	49.5	298.3	18.5	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
188	B00R_100_075d	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	47.8	19.2	−33.4	38.5	299.9	0.25	0.25	1.0	37.7	24.7	−43.6	50.1	299.6	15.3	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
189	Y31G_037_037d	0.25	0.375	0.0	0.375	0.375	0.187	109	0.256	0.375	0.0	43.8	−7.7	25.0	26.2	107.0	0.25	0.375	0.0	39.5	−9.4	24.1	25.9	111.3	4.6	108	0.683	1.0	0.0	83.4	−20.5	66.8	69.9	107.0
190	Y50G_037_025d	0.25	0.375	0.125	0.375	0.25	0.25	120	0.25	0.375	0.124	42.4	−8.2	12.9	15.3	122.3	0.25	0.375	0.125	42.0	−8.2	10.4	13.3	128.2	2.5	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
191	G00B_037_012d	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	42.8	−7.4	3.0	8.0	157.6	0.25	0.375	0.25	41.8	−6.1	−1.6	6.3	194.6	4.9	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
192	G50B_037_012d	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	42.6	−2.8	−5.8	6.5	244.1	0.25	0.375	0.375	42.6	−3.9	−16.8	17.3	256.7	11.0	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
193	G75B_050_025d	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.375	0.5	44.9	−1.2	−13.6	13.7	264.7	0.25	0.375	0.5	44.1	0.1	−24.2	24.2	270.3	10.7	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
194	G84B_062_037d	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.368	0.625	45.4	1.6	−19.7	19.8	274.9	0.25	0.375	0.625	47.1	3.4	−30.0	30.2	276.5	10.5	251	0.0	0.316	1.0	38.1	4.5	−52.7	52.9	274.9
195	G88B_075_050d	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.366	0.75	46.4	4.7	−25.5	26.0	280.4	0.25	0.375	0.75	48.5	5.4	−35.6	36.0	278.7	10.2	257	0.0	0.233	1.0	35.6	9.4	−51.1	52.0	280.4
196	G90B_087_062d	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.364	0.875	48.0	8.2	−31.2	32.2	284.7	0.25	0.375	0.875	46.8	11.2	−46.2	47.6	283.6	15.4	260	0.0	0.183	1.0	35.1	13.1	−49.9	51.6	284.7
197	G92B_100_075d	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.362	1.0	49.6	11.6	−36.7	38.5	287.6	0.25	0.375	1.0	43.8	14.5	−46.4	48.6	287.3	11.7	262	0.0	0.15	1.0	34.8	15.5	−48.9	51.3	287.6
198	Y50G_050_050d	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	46.3	−16.4	25.9	30.7	122.3	0.25	0.5	0.0	44.0	−20.1	28.4	34.8	125.3	5.0	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
199	Y68G_050_037d	0.25	0.5	0.125	0.5	0.375	0.312	131	0.243	0.5	0.124	46.1	−16.2	15.5	22.4	136.1	0.25	0.5	0.125	47.1	−16.5	13.1	21.0	141.5	2.6	131	0.316	1.0	0.0	65.0	−43.2	41.5	59.9	136.1
200	G00B_050_025d	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	47.1	−14.8	6.1	16.0	157.6	0.25	0.5	0.25	45.9	−14.5	1.0	14.6	175.8	5.2	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
201	G25B_050_025d	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.375	47.4	−11.0	−2.8	11.4	194.3	0.25	0.5	0.375	47.2	−9.7	−11.3	14.9	229.3	8.6	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
202	G50B_050_025d	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	46.6	−5.7	−11.7	13.0	244.1	0.25	0.5	0.5	49.8	−6.8	−24.6	25.5	254.4	13.2	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
203	G65B_062_037d	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.506	0.625	49.9	−4.9	−20.7	21.3	256.4	0.25	0.5	0.625	50.7	−2.6	−30.1	30.3	264.9	9.7	228	0.0	0.683	1.0	50.3	−13.3	−55.2	56.8	256.4
204	G75B_075_050d	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.5	0.75	51.2	−2.5	−27.3	27.4	264.7	0.25	0.5	0.75	52.2	−0.9	−34.6	34.6	268.4	7.5	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
205	G80B_087_062d	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.489	0.875	51.4	0.5	−33.5	33.5	270.8	0.25	0.5	0.875	52.2	1.0	−44.5	44.5	271.3	11.0	247	0.0	0.383	1.0	40.5	0.8	−53.6	53.6	270.8
206	G84B_100_075d	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.487	1.0	52.2	3.3	−39.5	39.7	274.9	0.25	0.5	1.0	45.9	6.7	−48.8	49.3	277.8	11.6	251	0.0	0.316	1.0	38.1	4.5	−52.7	52.9	274.9
207	Y61G_062_062d	0.25	0.625	0.0	0.625	0.625	0.312	127	0.239	0.625	0.0	50.2	−23.6	28.9	37.3	129.2	0.25	0.625	0.0	49.4	−31.1	32.7	45.1	133.5	8.4	127	0.383	1.0	0.0	68.4	−37.7	46.2	59.7	129.2
208	Y76G_062_050d	0.25	0.625	0.125	0.625	0.5	0.375	136	0.241	0.625	0.125	49.7	−24.6	17.4	30.2	144.7	0.25	0.625	0.125	51.9	−24.1	16.3	29.1	145.8	2.5	137	0.233	1.0	0.0	60.9	−49.3	34.9	60.4	144.7
209	G00B_062_037d	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	51.3	−22.3	9.1	24.1	157.6	0.25	0.625	0.25	51.0	−22.4	4.7	22.9	168.0	4.4	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
210	G15B_062_037d	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.368	51.3	−19.3	0.3	19.3	178.9	0.25	0.625	0.375	53.0	−16.8	−7.7	18.5	204.5	8.5	168	0.0	1.0	0.316	54.1	−51.5	0.9	51.5	178.9
211	G34B_062_037d	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.506	52.0	−13.7	−8.8	16.3	212.7	0.25	0.625	0.5	54.5	−12.9	−19.7	23.6	236.6	11.2	191	0.0	1.0	0.683	55.9	−36.6	−23.5	43.5	212.7
212	G50B_062_037d	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	50.6	−8.5	−17.6	19.6	244.1	0.25	0.625	0.625	55.1	−8.2	−29.9	31.0	254.5	13.1	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
213	G61B_075_050d	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.633	0.75	54.3	−8.4	−27.0	28.3	252.5	0.25	0.625	0.75	55.9	−5.7	−35.9	36.4	260.8	9.4	222	0.0	0.766	1.0	51.5	−16.9	−54.0	56.6	252.5
214	G69B_087_062d	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.635	0.875	56.7	−6.3	−34.8	35.3	259.6	0.25	0.625	0.875	55.5	−4.0	−42.3	42.5	264.5	7.9	232	0.0	0.616	1.0	49.1	−10.2	−55.6	56.6	259.6
215	G75B_100_075d	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.625	1.0	57.6	−3.7	−41.0	41.1	264.7	0.25	0.625	1.0	53.7	−2.6	−49.7	49.8	266.9	9.6	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
216	Y68G_075_075d	0.25	0.75	0.0	0.75	0.75	0.375	131	0.237	0.75	0.0	53.7	−32.4	31.1	44.9	136.1	0.25	0.75	0.0	57.3	−36.6	37.0	52.1	134.6	8.1	131	0.316	1.0	0.0	65.0	−43.2	41.5	59.9	136.1
217	Y81G_075_062d	0.25	0.75	0.125	0.75	0.625	0.437	139	0.239	0.75	0.125	53.7	−32.3	19.9	37.9	148.3	0.25	0.75	0.125	56.4	−30.2	18.7	35.5	148.2	3.5	140	0.183	1.0	0.0	59.2	−51.7	31.8	60.7	148.3
218	G00B_075_050d	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	55.6	−29.7	12.2	32.1	157.6	0.25	0.75	0.25	57.3	−27.6	8.4	28.8	162.9	4.6	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
219	G11B_075_050d	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.366	55.4	−26.9	2.9	27.0	173.7	0.25	0.75	0.375	58.6	−24.2	−2.1	24.3	185.1	6.6	162	0.0	1.0	0.233	53.7	−53.8	5.8	54.1	173.7
220	G25B_075_050d	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.5	56.3	−22.1	−5.6	22.8	194.3	0.25	0.75	0.5	59.9	−19.7	−14.3	24.4	216.0	9.7	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
221	G38B_075_050d	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.633	56.4	−16.4	−14.4	21.9	221.1	0.25	0.75	0.625	60.8	−13.9	−24.4	28.1	240.2	11.2	197	0.0	1.0	0.766	55.8	−32.9	−28.8	43.8	221.1
222	G50B_075_050d	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	54.6	−11.4	−23.5	26.1	244.1	0.25	0.75	0.75	60.3	−10.9	−35.5	37.2	252.9	13.3	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
223	G59B_087_062d	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.76	0.875	58.2	−11.5	−32.8	34.7	250.6	0.25	0.75	0.875	60.3	−8.3	−41.8	42.6	258.7	9.8	219	0.0	0.816	1.0	51.4	−18.4	−52.4	55.6	250.6
224	G65B_100_075d	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.762	1.0	61.3	−9.9	−41.4	42.6	256.4	0.25	0.75	1.0	59.8	−7.8	−49.3	49.9	261.0	8.3	228	0.0	0.683	1.0	50.3	−13.3	−55.2	56.8	256.4
225	Y73G_087_087d	0.25	0.875	0.0	0.875	0.875	0.437	134	0.233	0.875	0.0	57.0	−41.3	32.7	52.7	141.6	0.25	0.875	0.0	62.2	−45.2	38.2	59.2	139.7	8.5	135	0.266	1.0	0.0	62.3	−47.2	37.3	60.2	141.6
226	Y85G_087_075d	0.25	0.875	0.125	0.875	0.75	0.5	141	0.237	0.875	0.125	57.8	−39.9	22.2	45.7	150.8	0.25	0.875	0.125	62.9	−44.5	25.1	51.1	150.5	7.4	142	0.15	1.0	0.0	58.0	−53.2	29.7	60.9	150.8
227	G00B_087_062d	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	59.9	−37.2	15.2	40.2	157.6	0.25	0.875	0.25	63.4	−40.8	14.1	43.2	160.9	5.2	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
228	G09B_087_062d	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.364	59.6	−34.7	5.8	35.2	170.5	0.25	0.875	0.375	64.6	−36.1	2.6	36.2	175.8	6.0	159	0.0	1.0	0.183	53.6	−55.6	9.2	56.4	170.5
229	G19B_087_062d	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.489	60.1	−30.9	−1.8	31.0	183.4	0.25	0.875	0.5	64.9	−30.8	−10.4	32.5	198.6	9.8	172	0.0	1.0	0.383	54.5	−49.5	−2.9	49.6	183.4
230	G30B_087_062d	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.635	61.0	−24.7	−11.8	27.4	205.6	0.25	0.875	0.625	65.5	−24.7	−20.4	32.0	219.5	9.6	187	0.0	1.0	0.616	55.9	−39.5	−19.0	43.8	205.6
231	G40B_087_062d	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.76	60.5	−19.9	−20.1	28.2	225.2	0.25	0.875	0.75	63.9	−18.5	−30.8	36.0	239.0	11.3	200	0.0	1.0	0.816	55.1	−31.8	−32.1	45.2	225.2
232	G50B_087_062d	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	58.6	−14.2	−29.3	32.6	244.1	0.25	0.875	0.875	64.5	−13.6	−41.8	44.0	251.9	13.7	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
233	G57B_100_075d	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	0.887	1.0	62.1	−14.5	−38.5	41.2	249.3	0.25	0.875	1.0	63.4	−9.4	−47.2	48.1	258.7	10.1	217	0.0	0.85	1.0	51.4	−19.3	−51.4	54.9	249.3
234	Y76G_100_100d	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	60.9	−49.3	34.9	60.4	144.7	0.25	1.0	0.0	61.4	−48.5	35.9	60.3	143.4	1.4	137	0.233	1.0	0.0	60.9	−49.3	34.9	60.4	144.7
235	Y86G_100_087d	0.25	1.0	0.125	1.0	0.875	0.562	142	0.241	1.0	0.125	62.1	−47.1	25.0	53.4	152.0	0.25	1.0	0.125	63.0	−43.9	22.7	49.5	152.6	4.0	142	0.133	1.0	0.0	57.5	−53.9	28.6	61.0	152.0
236	G00B_100_075d	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	64.1	−44.6	18.3	48.2	157.6	0.25	1.0	0.25	61.4	−44.1	14.8	46.6	161.3	4.4	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
237	G07B_100_075d	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.362	63.8	−42.5	8.7	43.4	168.3	0.25	1.0	0.375	61.4	−41.9	6.3	42.4	171.4	3.4	157	0.0	1.0	0.15	53.6	−56.7	11.6	57.9	168.3
238	G15B_100_075d	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.487	64.1	−38.6	0.6	38.6	178.9	0.25	1.0	0.5	62.0	−36.6	−5.4	37.0	188.4	6.8	168	0.0	1.0	0.316	54.1	−51.5	0.9	51.5	178.9
239	G25B_100_075d	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.625	65.1	−33.2	−8.4	34.2	194.3	0.25	1.0	0.625	62.8	−28.9	−19.2	34.7	213.5	11.7	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
240	G34B_100_075d	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.762	65.5	−27.4	−17.6	32.6	212.7	0.25	1.0	0.75	63.7	−24.7	−25.5	35.5	225.9	8.5	191	0.0	1.0	0.683	55.9	−36.6	−23.5	43.5	212.7
241	G42B_100_075d	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.887	64.6	−23.1	−25.7	34.6	228.0	0.25	1.0	0.875	63.4	−19.6	−34.3	39.5	240.2	9.3	202	0.0	1.0	0.85	54.7	−30.9	−34.3	46.2	228.0
242	G50B_100_075d	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	62.6	−17.1	−35.2	39.2	244.1	0.25	1.0	1.0	60.1	−17.0	−44.8	47.9	249.1	9.8	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1

Mean color difference of this page: **delta *E**' = *8.4***

1−0032130−F0

RE670−7N, Page 22/33−F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E^{*\prime}$

input: *rgb/cmyk* −> rgb_d
output: transfer to $cmyk_d$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−0032130−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 23/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

n	HIC$^*_{Fd}$	$rgb_{\_Fd}$			$ict_{\_Fd}$			$h_{si\_F,d}$	rgb^*_{Fd}			$LabCh^*_{Fd}$					$rgb^{*\prime}_{Fd}$			$LabCh^{*\prime}_{Fd}$					$DE^{*\prime}_{Fd}$	$h_{siM,d}$	rgb^*_{Md}			$LabCh^*_{Md}$				
243	R00Y_037_037$_d$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	29.7	23.1	11.0	25.6	25.4	0.375	0.0	0.0	30.4	26.0	16.3	30.7	32.0	6.1	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
244	R18Y_037_037$_d$	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.118	29.3	23.1	5.2	23.7	12.8	0.375	0.0	0.125	32.1	25.7	4.4	26.1	9.8	3.8	371	1.0	0.0	0.316	44.9	61.7	14.0	63.3	12.8
245	B65R_037_037$_d$	0.375	0.0	0.25	0.375	0.375	0.187	349	0.375	0.0	0.256	29.4	25.1	−1.7	25.2	355.9	0.375	0.0	0.25	31.3	29.9	−4.2	30.2	351.8	5.6	348	1.0	0.0	0.683	45.2	67.0	−4.7	67.2	355.9
246	B50R_037_037$_d$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	30.0	26.5	−6.4	27.3	346.2	0.375	0.0	0.375	32.6	35.3	−12.1	37.4	340.9	10.7	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
247	B38R_050_050$_d$	0.375	0.0	0.5	0.5	0.5	0.25	316	0.383	0.0	0.5	30.4	30.2	−11.8	32.4	338.5	0.375	0.0	0.5	31.5	37.9	−17.4	41.8	335.3	9.6	317	0.766	0.0	1.0	40.8	60.4	−23.7	64.9	338.5
248	B30R_062_062$_d$	0.375	0.0	0.625	0.625	0.625	0.312	307	0.385	0.0	0.625	31.3	34.0	−18.5	38.8	331.4	0.375	0.0	0.625	32.1	41.9	−23.4	48.1	330.8	9.3	307	0.616	0.0	1.0	38.0	54.5	−29.7	62.0	331.4
249	B25R_075_075$_d$	0.375	0.0	0.75	0.75	0.75	0.375	300	0.375	0.0	0.75	31.5	37.5	−24.5	44.8	326.8	0.375	0.0	0.75	32.6	44.1	−28.9	52.7	326.7	7.9	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
250	B20R_087_087$_d$	0.375	0.0	0.875	0.875	0.875	0.437	295	0.364	0.0	0.875	32.1	41.0	−30.1	50.9	323.7	0.375	0.0	0.875	33.4	44.9	−32.7	55.5	323.9	4.8	294	0.416	0.0	1.0	33.8	46.9	−34.4	58.2	323.7
251	B18R_100_100$_d$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	32.9	44.9	−35.4	57.2	321.7	0.375	0.0	1.0	33.0	45.3	−35.2	57.3	322.1	0.4	291	0.366	0.0	1.0	32.9	44.9	−35.4	57.2	321.7
252	R31Y_037_037$_d$	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.118	0.0	35.6	14.3	19.3	24.1	53.4	0.375	0.125	0.0	37.2	10.2	21.6	23.9	64.6	4.9	48	1.0	0.316	0.0	61.6	38.2	51.6	64.3	53.4
253	R00Y_037_025$_d$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	35.7	15.4	7.3	17.0	25.4	0.375	0.125	0.125	37.1	13.5	10.2	16.9	36.9	3.7	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
254	R00Y_037_025$_d$	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.25	35.4	16.1	1.3	16.1	4.7	0.375	0.125	0.25	35.7	18.8	−1.8	18.9	354.3	4.2	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
255	B50R_037_025$_d$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	36.0	17.6	−4.3	18.2	346.2	0.375	0.125	0.375	38.0	25.4	−12.5	28.3	333.6	11.4	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
256	B34R_050_037$_d$	0.375	0.125	0.5	0.5	0.375	0.312	311	0.381	0.124	0.5	36.5	21.4	−10.1	23.7	334.6	0.375	0.125	0.5	38.1	27.5	−19.0	33.4	325.3	10.9	311	0.683	0.0	1.0	39.3	57.1	−27.0	63.2	334.6
257	B25R_062_050$_d$	0.375	0.125	0.625	0.625	0.5	0.375	300	0.375	0.125	0.625	37.0	25.0	−16.3	29.9	326.8	0.375	0.125	0.625	38.8	31.6	−25.4	40.5	321.2	11.3	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
258	B19R_075_062$_d$	0.375	0.125	0.75	0.75	0.625	0.437	293	0.364	0.125	0.75	37.5	28.5	−21.9	35.9	322.4	0.375	0.125	0.75	40.8	32.8	−31.2	45.3	316.3	10.8	292	0.383	0.0	1.0	33.2	45.6	−35.0	57.5	322.4
259	B15R_087_075$_d$	0.375	0.125	0.875	0.875	0.75	0.5	289	0.362	0.125	0.875	38.3	32.0	−27.5	42.2	319.2	0.375	0.125	0.875	37.5	40.1	−37.3	54.8	317.0	12.7	288	0.316	0.0	1.0	32.0	42.7	−36.7	56.3	319.2
260	B13R_100_087$_d$	0.375	0.125	1.0	1.0	0.875	0.562	286	0.358	0.125	1.0	39.0	35.3	−33.2	48.5	316.8	0.375	0.125	1.0	37.1	38.9	−38.6	54.8	315.2	6.7	284	0.266	0.0	1.0	31.2	40.4	−37.9	55.4	316.8
261	R68Y_037_037$_d$	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.256	0.0	41.3	4.6	23.3	23.8	78.8	0.375	0.25	0.0	40.7	1.6	28.8	28.8	86.6	6.2	71	1.0	0.683	0.0	76.9	12.2	62.2	63.4	78.8
262	R50Y_037_025$_d$	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.25	0.124	41.6	6.0	14.4	15.7	67.1	0.375	0.25	0.125	42.2	4.3	13.6	14.3	72.3	2.0	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
263	R00Y_037_012$_d$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	41.8	7.7	3.6	8.5	25.4	0.375	0.25	0.25	40.9	9.5	0.7	9.6	4.2	3.6	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
264	B50R_037_012$_d$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	41.9	8.8	−2.1	9.1	346.2	0.375	0.25	0.375	43.6	14.1	−11.2	18.1	321.5	10.7	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
265	B25R_050_025$_d$	0.375	0.25	0.5	0.5	0.25	0.375	300	0.375	0.249	0.5	42.4	12.5	−8.1	14.9	326.8	0.375	0.25	0.5	43.9	17.5	−19.4	26.2	311.9	12.4	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
266	B15R_062_037$_d$	0.375	0.25	0.625	0.625	0.375	0.437	289	0.368	0.25	0.625	43.1	16.0	−13.7	21.1	319.2	0.375	0.25	0.625	45.2	20.4	−26.2	33.2	307.9	13.3	288	0.316	0.0	1.0	32.0	42.7	−36.7	56.3	319.2
267	B11R_075_050$_d$	0.375	0.25	0.75	0.75	0.5	0.5	284	0.366	0.25	0.75	44.0	19.3	−19.4	27.4	314.8	0.375	0.25	0.75	46.5	22.5	−32.1	39.2	305.0	13.3	282	0.233	0.0	1.0	30.9	38.6	−38.9	54.9	314.8
268	B09R_087_062$_d$	0.375	0.25	0.875	0.875	0.625	0.562	281	0.364	0.25	0.875	45.5	22.2	−25.3	33.7	311.2	0.375	0.25	0.875	43.0	30.2	−39.9	50.0	307.1	16.7	279	0.183	0.0	1.0	31.1	35.6	−40.6	54.0	311.2
269	B07R_100_075$_d$	0.375	0.25	1.0	1.0	0.75	0.625	279	0.362	0.25	1.0	47.0	25.1	−31.1	40.0	308.9	0.375	0.25	1.0	41.5	29.9	−40.6	50.4	306.3	11.9	278	0.15	0.0	1.0	31.3	33.5	−41.5	53.4	308.9
270	Y00G_037_037$_d$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	46.0	−2.6	24.8	25.0	96.1	0.375	0.375	0.0	49.9	−6.0	33.8	34.3	100.0	10.2	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
271	Y00G_037_025$_d$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	46.6	−1.7	16.5	16.6	96.1	0.375	0.375	0.125	51.0	−3.5	20.6	20.9	99.8	6.2	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
272	Y00G_037_012$_d$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	47.2	−0.8	8.2	8.3	96.1	0.375	0.375	0.25	50.2	−0.3	4.8	4.8	94.6	4.5	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
273	NW_037$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	50.9	4.5	−7.3	8.6	301.7	9.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
274	B00R_050_012$_d$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	49.4	3.2	−5.5	6.4	299.9	0.375	0.375	0.5	48.7	7.7	−18.9	20.5	292.1	14.1	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
275	B00R_062_025$_d$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	50.9	6.4	−11.1	12.8	299.9	0.375	0.375	0.625	50.4	10.5	−25.6	27.7	292.3	15.0	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
276	B00R_075_037$_d$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	52.4	9.6	−16.7	19.2	299.9	0.375	0.375	0.75	51.6	13.4	−31.3	34.0	293.1	15.1	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
277	B00R_087_050$_d$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	54.0	12.8	−22.2	25.7	299.9	0.375	0.375	0.875	49.7	20.4	−41.4	46.2	296.2	21.0	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
278	B00R_100_062$_d$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	55.5	16.0	−27.8	32.1	299.9	0.375	0.375	1.0	46.6	21.5	−42.5	47.6	296.8	18.0	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
279	Y23G_050_050$_d$	0.375	0.5	0.0	0.5	0.5	0.25	104	0.383	0.5	0.0	54.2	−7.1	36.9	37.6	100.8	0.375	0.5	0.0	49.6	−10.2	38.5	39.9	104.8	5.7	102	0.766	1.0	0.0	88.3	−14.2	73.9	75.3	100.8
280	Y31G_050_037$_d$	0.375	0.5	0.125	0.5	0.375	0.312	109	0.381	0.5	0.124	53.0	−7.7	25.0	26.2	107.0	0.375	0.5	0.125	55.4	−9.2	21.8	23.6	112.9	4.2	108	0.683	1.0	0.0	83.4	−20.5	66.8	69.9	107.0
281	Y50G_050_025$_d$	0.375	0.5	0.25	0.5	0.25	0.375	120	0.375	0.5	0.249	51.7	−8.2	12.9	15.3	122.3	0.375	0.5	0.25	55.0	−6.7	7.0	9.7	133.5	6.9	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
282	G00B_050_012$_d$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	52.1	−7.4	3.0	8.0	157.6	0.375	0.5	0.375	55.2	−3.3	−5.0	6.0	236.6	9.6	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
283	G50B_050_012$_d$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	51.8	−2.8	−5.8	6.5	244.1	0.375	0.5	0.5	56.0	−0.9	−17.7	17.7	267.0	12.7	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
284	G75B_062_025$_d$	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.5	0.625	54.2	−1.2	−13.6	13.7	264.7	0.375	0.5	0.625	55.2	1.6	−25.3	25.4	273.6	12.1	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
285	G84B_075_037$_d$	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.493	0.75	54.6	1.6	−19.7	19.8	274.9	0.375	0.5	0.75	56.3	3.9	−30.6	30.9	277.2	11.2	251	0.0	0.316	1.0	38.1	4.5	−52.7	52.9	274.9
286	G88B_087_050$_d$	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.491	0.875	55.6	4.7	−25.5	26.0	280.4	0.375	0.5	0.875	57.0	8.5	−41.5	42.3	281.5	16.4	257	0.0	0.233	1.0	35.6	9.4	−51.1	52.0	280.4
287	G90B_100_062$_d$	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.489	1.0	57.3	8.2	−31.2	32.2	284.7	0.375	0.5	1.0	51.9	12.8	−43.8	45.6	286.3	14.4	260	0.0	0.183	1.0	35.1	13.1	−49.9	51.6	284.7
288	Y38G_062_062$_d$	0.375	0.625	0.0	0.625	0.625	0.312	113	0.385	0.625	0.0	56.8	−15.7	37.5	40.7	112.7	0.375	0.625	0.0	53.1	−18.8	39.4	43.7	115.5	5.1	112	0.616	1.0	0.0	79.0	−25.2	60.0	65.1	112.7
289	Y50G_062_050$_d$	0.375	0.625	0.125	0.625	0.5	0.375	120	0.375	0.625	0.125	55.6	−16.4	25.9	30.7	122.3	0.375	0.625	0.125	59.4	−16.0	23.9	28.8	123.7	4.3	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
290	Y68G_062_037$_d$	0.375	0.625	0.25	0.625	0.375	0.437	131	0.368	0.625	0.25	55.4	−16.2	15.5	22.4	136.1	0.375	0.625	0.25	59.2	−14.9	10.7	18.4	144.3	6.2	131	0.316	1.0	0.0	65.0	−43.2	41.5	59.9	136.1
291	G00B_062_025$_d$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	56.4	−14.8	6.1	16.0	157.6	0.375	0.625	0.375	60.2	−11.9	−2.3	12.1	191.2	9.7	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
292	G25B_062_025$_d$	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.5	56.7	−11.0	−2.8	11.4	194.3	0.375	0.625	0.5	60.6	−6.9	−13.2	14.9	242.2	11.8	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
293	G50B_062_025$_d$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	55.8	−5.7	−11.7	13.0	244.1	0.375	0.625	0.625	61.9	−5.3	−24.5	25.1	257.6	14.1	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
294	G65B_075_037$_d$	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.631	0.75	59.2	−4.9	−20.7	21.3	256.4	0.375	0.625	0.75	61.7	−2.3	−32.6	32.7	265.8	12.4	228	0.0	0.683	1.0	50.3	−13.3	−55.2	56.8	256.4
295	G75B_087_050$_d$	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.625	0.875	60.5	−2.5	−27.3	27.4	264.7	0.375	0.625	0.875	61.6	0.0	−38.0	38.0	269.9	11.0	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
296	G80B_100_062$_d$	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.614	1.0	60.7	0.5	−33.5	33.5	270.8	0.375	0.625	1.0	57.0	2.8	−45.6	45.7	273.5	12.8	247	0.0	0.383	1.0	40.5	0.8	−53.6	53.6	270.8
297	Y50G_075_075$_d$	0.375	0.75	0.0	0.75	0.75	0.375	120	0.375	0.75	0.0	59.4	−24.6	38.9	46.1	122.3	0.375	0.75	0.0	61.6	−26.2	44.2	51.4	120.7	5.9	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
298	Y61G_075_062$_d$	0.375	0.75	0.125	0.75	0.625	0.437	127	0.364	0.75	0.125	59.5	−23.6	28.9	37.3	129.2	0.375	0.75	0.125	64.3	−24.6	26.8	36.5	132.5	5.3	127	0.383	1.0	0.0	68.4	−37.7	46.2	59.7	129.2
299	Y76G_075_050$_d$	0.375	0.75	0.25	0.75	0.5	0.5	136	0.366	0.75	0.25	59.0	−24.6	17.4	30.2	144.7	0.375	0.75	0.25	63.9	−22.8	13.9	26.8	148.6	6.3	137	0.233	1.0	0.0	60.9	−49.3	34.9	60.4	144.7
300	G00B_075_037$_d$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	60.6	−22.3	9.1	24.1	157.6	0.375	0.75	0.375	64.7	−19.0	1.6	19.0	175.0	9.1	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
301	G15B_075_037$_d$	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.493	60.6	−19.3	0.3	19.3	178.9	0.375	0.75	0.5	65.9	−14.3	−8.9	16.9	211.8	11.7	168	0.0	1.0	0.316	54.1	−51.5	0.9	51.5	178.9
302	G34B_075_037$_d$	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.631	61.3	−13.7	−8.8	16.3	212.7	0.375	0.75	0.625	66.2	−10.8	−20.8	23.5	242.6	13.3	191	0.0	1.0	0.683	55.9	−36.6	−23.5	43.5	212.7
303	G50B_075_037$_d$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	59.9	−8.5	−17.6	19.6	244.1	0.375	0.75	0.75	66.6	−7.7	−32.2	33.2	256.4	16.1	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
304	G61B_087_050$_d$	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.758	0.875	63.6	−8.4	−27.0	28.3	252.5	0.375	0.75	0.875	66.7	−4.8	−38.8	39.1	262.8	12.7	222	0.0	0.766	1.0	51.5	−16.9	−54.0	56.6	252.5
305	G69B_100_062$_d$	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.76	1.0	66.0	−6.3	−34.8	35.3	259.6	0.375	0.75	1.0	65.5	−4.3	−44.6	44.8	264.4	10.0	232	0.0	0.616	1.0	49.1	−10.2	−55.6	56.6	259.6
306	Y58G_087_087$_d$	0.375	0.875	0.0	0.875	0.875	0.437	125	0.364	0.875	0.0	63.4	−31.9	41.9	52.7	127.2	0.375	0.875	0.0	66.6	−32.1	46.2	56.3	124.8	5.4	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
307	Y68G_087_075$_d$	0.375	0.875	0.125	0.875	0.75	0.5	131	0.362	0.875	0.125	63.0	−32.4	31.1	44.9	136.1	0.375	0.875	0.125	69.3	−33.3	32.4	46.5	135.7	6.4	131	0.316	1.0	0.0	65.0	−43.2	41.5	59.9	136.1
308	Y81G_087_062$_d$	0.375	0.875	0.25	0.875	0.625	0.562	139	0.364	0.875	0.25	63.0	−32.3	19.9	37.9	148.3	0.375	0.875	0.25	69.0	−30.5	16.6	34.8	151.4	7.0	140	0.183	1.0	0.0	59.2	−51.7	31.8	60.7	148.3
309	G00B_087_050$_d$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	64.9	−29.7	12.2	32.1	157.6	0.375	0.875	0.375	70.3	−28.7	6.9	29.5	166.3	7.6	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
310	G11B_087_050$_d$	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.491	64.7	−26.9	2.9	27.0	173.7	0.375	0.875	0.5	71.1	−24.9	−3.9	25.2	189.0	9.6	162	0.0	1.0	0.233	53.7	−53.8	5.8	54.1	173.7
311	G25B_087_050$_d$	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.625	65.5	−22.1	−5.6	22.8	194.3	0.375	0.875	0.625	71.0	−19.9	−14.7	24.7	216.5	10.8	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
312	G38B_087_050$_d$	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.758	65.7	−16.4	−14.4	21.9	221.1	0.375	0.875	0.75	70.6	−15.1	−26.8	30.8	240.5	13.3	197	0.0	1.0	0.766	55.8	−32.9	−28.8	43.8	221.1
313	G50B_087_050$_d$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	63.9	−11.4	−23.5	26.1	244.1	0.375	0.875	0.875	70.7	−9.5	−39.2	40.4	256.3	17.2	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
314	G59B_100_062$_d$	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	0.885	1.0	67.5	−11.5	−32.8	34.7	250.6	0.375	0.875	1.0	69.8	−6.4	−43.2	43.7	261.4	11.8	219	0.0	0.816	1.0	51.4	−18.4	−52.4	55.6	250.6
315	Y63G_100_100$_d$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	67.6	−38.8	45.2	59.6	130.6	0.375	1.0	0.0	68.1	−38.1	45.8	59.6	129.7	1.0	128	0.366	1.0	0.0	67.6	−38.8	45.2	59.6	130.6
316	Y73G_100_087$_d$	0.375	1.0	0.125	1.0	0.875	0.562	134	0.358	1.0	0.125	66.3	−41.3	32.7	52.7	141.6	0.375	1.0	0.125	67.9	−37.6	34.0	50.7	137.8	4.2	135	0.266	1.0	0.0	62.3	−47.2	37.3	60.2	141.6
317	Y85G_100_075$_d$	0.375	1.0	0.25	1.0	0.75	0.625	141	0.362	1.0	0.25	67.1	−39.9	22.2	45.7	150.8	0.375	1.0	0.25	69.0	−33.8	18.5	38.5	151.2	7.3	142	0.15	1.0	0.0	58.0	−53.2	29.7	60.9	150.8
318	G00B_100_062$_d$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	69.1	−37.2	15.2	40.2	157.6	0.375	1.0	0.375	68.5	−32.9	11.2	34.7	161.1	5.9	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
319	G09B_100_062$_d$	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.489	68.9	−34.7	5.8	35.2	170.5	0.375	1.0	0.5	69.3	−29.5	1.9	29.5	176.3	6.5	159	0.0	1.0	0.183	53.6	−55.6	9.2	56.4	170.5
320	G19B_100_062$_d$	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.614	69.4	−30.9	−1.8	31.0	183.4	0.375	1.0	0.625	69.9	−24.4	−11.3	26.9	204.9	11.5	172	0.0	1.0	0.383	54.5	−49.5	−2.9	49.6	183.4
321	G30B_100_062$_d$	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.76	70.3	−24.7	−11.8	27.4	205.6	0.375	1.0	0.75	69.7	−19.6	−23.3	30.5	229.9	12.5	187	0.0	1.0	0.616	55.9	−39.5	−19.0	43.8	205.6
322	G40B_100_062$_d$	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.885	69.8	−19.9	−20.1	28.2	225.2	0.375	1.0	0.875	69.7	−16.2	−29.8	33.9	241.4	10.3	200	0.0	1.0	0.816	55.1	−31.8	−32.1	45.2	225.2
323	G50B_100_062$_d$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	67.9	−14.2	−29.3	32.6	244.1	0.375	1.0	1.0	68.7	−10.9	−40.9	42.4	255.0	12.0	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1

Mean color difference of this page: **delta $E^{*\prime}$ = 9.5**

1−0032230−F0

RE670−7N, Page 23/33−F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E^{*\prime}$

input: *rgb/cmyk* −> rgb_d
output: transfer to $cmyk_d$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−0032230−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 24/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

n	HIC^{*}_{Fd}	$rgb_{\_Fd}$			$ict_{\_Fd}$			$h_{si\_F,d}$	rgb^{*}_{Fd}			$LabCh^{*}_{Fd}$					$rgb^{*\prime}_{Fd}$			$LabCh^{*\prime}_{Fd}$					$DE^{*\prime}_{Fd}$	$h_{siM,d}$	rgb^{*}_{Md}			$LabCh^{*}_{Md}$				
324	R00Y_050_050d	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	32.9	30.8	14.6	34.1	25.4	0.5	0.0	0.0	32.3	36.8	20.7	42.3	29.3	8.5	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
325	R26Y_050_050d	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.116	32.6	30.5	9.1	31.9	16.7	0.5	0.0	0.125	34.2	33.7	10.3	35.3	17.0	3.7	377	1.0	0.0	0.233	45.2	61.1	18.3	63.8	16.7
326	R00Y_050_050d	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.25	32.2	32.2	2.6	32.3	4.7	0.5	0.0	0.25	33.5	35.9	0.8	35.9	1.2	4.3	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
327	B61R_050_050d	0.5	0.0	0.375	0.5	0.5	0.25	344	0.5	0.0	0.383	32.7	34.2	−4.5	34.5	352.4	0.5	0.0	0.375	33.8	40.7	−7.4	41.4	349.5	7.2	342	1.0	0.0	0.766	45.5	68.4	−9.1	69.0	352.4
328	B50R_050_050d	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	33.4	35.3	−8.6	36.4	346.2	0.5	0.0	0.5	33.8	44.2	−13.5	46.2	343.0	10.0	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
329	B40R_062_062d	0.5	0.0	0.625	0.625	0.625	0.312	319	0.51	0.0	0.625	33.6	39.0	−14.1	41.5	340.0	0.5	0.0	0.625	34.4	46.1	−19.1	49.9	337.4	8.6	320	0.816	0.0	1.0	41.8	62.5	−22.6	66.5	340.0
330	B34R_075_075d	0.5	0.0	0.75	0.75	0.75	0.375	311	0.512	0.0	0.75	34.5	42.8	−20.2	47.4	334.6	0.5	0.0	0.75	34.8	48.2	−25.8	54.7	331.8	7.7	311	0.683	0.0	1.0	39.3	57.1	−27.0	63.2	334.6
331	B29R_087_087d	0.5	0.0	0.875	0.875	0.875	0.437	305	0.51	0.0	0.875	35.1	46.6	−26.7	53.7	330.1	0.5	0.0	0.875	35.8	50.0	−30.0	58.4	328.9	4.8	305	0.583	0.0	1.0	37.3	53.2	−30.6	61.4	330.1
332	B25R_100_100d	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8	0.0	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
333	R23Y_050_050d	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.116	0.0	38.8	22.7	24.3	33.3	47.0	0.5	0.125	0.0	38.4	20.6	27.6	34.5	53.2	3.8	42	1.0	0.233	0.0	57.6	45.4	48.7	66.6	47.0
334	R00Y_050_037d	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	39.0	23.1	11.0	25.6	25.4	0.5	0.125	0.125	39.6	21.4	14.1	25.7	33.3	3.6	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
335	R18Y_050_037d	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.243	38.6	23.1	5.2	23.7	12.8	0.5	0.125	0.25	38.2	24.3	2.9	24.5	6.8	2.6	371	1.0	0.0	0.316	44.9	61.7	14.0	63.3	12.8
336	B65R_050_037d	0.5	0.125	0.375	0.5	0.375	0.312	349	0.5	0.124	0.381	38.7	25.1	−1.7	25.2	355.9	0.5	0.125	0.375	39.4	28.4	−6.7	29.2	346.5	6.0	348	1.0	0.0	0.683	45.2	67.0	−4.7	67.2	355.9
337	B50R_050_037d	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	39.3	26.5	−6.4	27.3	346.2	0.5	0.125	0.5	40.0	34.8	−14.7	37.8	337.0	11.7	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
338	B38R_062_050d	0.5	0.125	0.625	0.625	0.5	0.375	316	0.508	0.125	0.625	39.7	30.2	−11.8	32.4	338.5	0.5	0.125	0.625	40.4	38.3	−20.6	43.5	331.7	11.9	317	0.766	0.0	1.0	40.8	60.4	−23.7	64.9	338.5
339	B30R_075_062d	0.5	0.125	0.75	0.75	0.625	0.437	307	0.51	0.125	0.75	40.5	34.0	−18.5	38.8	331.4	0.5	0.125	0.75	42.0	40.0	−25.9	47.7	327.0	9.6	307	0.616	0.0	1.0	38.0	54.5	−29.7	62.0	331.4
340	B25R_087_075d	0.5	0.125	0.875	0.875	0.75	0.5	300	0.5	0.125	0.875	40.8	37.5	−24.5	44.8	326.8	0.5	0.125	0.875	40.0	45.5	−33.9	56.8	323.2	12.3	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
341	B20R_100_087d	0.5	0.125	1.0	1.0	0.875	0.562	295	0.489	0.125	1.0	41.4	41.0	−30.1	50.9	323.7	0.5	0.125	1.0	38.5	43.2	−36.0	56.2	320.2	6.8	294	0.416	0.0	1.0	33.8	46.9	−34.4	58.2	323.7
342	R50Y_050_050d	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	44.7	12.1	28.9	31.4	67.1	0.5	0.25	0.0	43.0	9.0	32.3	33.5	74.3	4.9	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
343	R31Y_050_037d	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.243	0.124	44.9	14.3	19.3	24.1	53.4	0.5	0.25	0.125	46.0	10.3	18.2	20.9	60.3	4.2	48	1.0	0.316	0.0	61.6	38.2	51.6	64.3	53.4
344	R00Y_050_025d	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	45.0	15.4	7.3	17.0	25.4	0.5	0.25	0.25	44.5	13.8	5.9	15.0	23.0	2.1	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
345	R00Y_050_025d	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.375	44.7	16.1	1.3	16.1	4.7	0.5	0.25	0.375	45.5	18.3	−5.0	19.0	344.6	6.8	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
346	B50R_050_025d	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	45.2	17.6	−4.3	18.2	346.2	0.5	0.25	0.5	47.5	23.1	−14.7	27.4	327.5	12.0	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
347	B34R_062_037d	0.5	0.25	0.625	0.625	0.375	0.437	311	0.506	0.25	0.625	45.8	21.4	−10.1	23.7	334.6	0.5	0.25	0.625	46.7	27.6	−21.2	34.8	322.5	12.7	311	0.683	0.0	1.0	39.3	57.1	−27.0	63.2	334.6
348	B25R_075_050d	0.5	0.25	0.75	0.75	0.5	0.5	300	0.5	0.25	0.75	46.2	25.0	−16.3	29.9	326.8	0.5	0.25	0.75	47.6	29.3	−27.2	40.0	317.0	11.8	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
349	B19R_087_062d	0.5	0.25	0.875	0.875	0.625	0.562	293	0.489	0.25	0.875	46.8	28.5	−21.9	35.9	322.4	0.5	0.25	0.875	46.1	36.3	−36.5	51.5	314.8	16.5	292	0.383	0.0	1.0	33.2	45.6	−35.0	57.5	322.4
350	B15R_100_075d	0.5	0.25	1.0	1.0	0.75	0.625	289	0.487	0.25	1.0	47.6	32.0	−27.5	42.2	319.2	0.5	0.25	1.0	43.6	35.5	−37.9	51.9	313.1	11.6	288	0.316	0.0	1.0	32.0	42.7	−36.7	56.3	319.2
351	R76Y_050_050d	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.383	0.0	50.5	2.8	30.7	30.8	84.6	0.5	0.375	0.0	46.8	1.3	38.0	38.0	87.9	8.3	77	1.0	0.766	0.0	81.1	5.7	61.4	61.7	84.6
352	R68Y_050_037d	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.381	0.124	50.6	4.6	23.3	23.8	78.8	0.5	0.375	0.125	52.3	2.5	24.0	24.1	83.8	2.7	71	1.0	0.683	0.0	76.9	12.2	62.2	63.4	78.8
353	R50Y_050_025d	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.375	0.249	50.9	6.0	14.4	15.7	67.1	0.5	0.375	0.25	51.9	5.2	10.1	11.4	62.8	4.4	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
354	R00Y_050_012d	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	51.1	7.7	3.6	8.5	25.4	0.5	0.375	0.375	51.7	9.3	−3.1	9.8	341.1	7.0	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
355	B50R_050_012d	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	51.2	8.8	−2.1	9.1	346.2	0.5	0.375	0.5	53.5	14.0	−13.7	19.6	315.7	12.9	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
356	B25R_062_025d	0.5	0.375	0.625	0.625	0.25	0.5	300	0.5	0.375	0.625	51.7	12.5	−8.1	14.9	326.8	0.5	0.375	0.625	53.1	18.5	−20.9	27.9	311.5	14.1	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
357	B15R_075_037d	0.5	0.375	0.75	0.75	0.375	0.562	289	0.493	0.375	0.75	52.3	16.0	−13.7	21.1	319.2	0.5	0.375	0.75	54.3	20.0	−26.6	33.3	306.9	13.6	288	0.316	0.0	1.0	32.0	42.7	−36.7	56.3	319.2
358	B11R_087_050d	0.5	0.375	0.875	0.875	0.5	0.625	284	0.491	0.375	0.875	53.3	19.3	−19.4	27.4	314.8	0.5	0.375	0.875	52.3	26.4	−38.1	46.4	304.7	20.0	282	0.233	0.0	1.0	30.9	38.6	−38.9	54.9	314.8
359	B09R_100_062d	0.5	0.375	1.0	1.0	0.625	0.687	281	0.489	0.375	1.0	54.8	22.2	−25.3	33.7	311.2	0.5	0.375	1.0	49.9	26.0	−39.5	47.2	303.3	15.3	279	0.183	0.0	1.0	31.1	35.6	−40.6	54.0	311.2
360	Y00G_050_050d	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	54.7	−3.5	33.1	33.3	96.1	0.5	0.5	0.0	56.2	−5.6	45.0	45.3	97.1	12.1	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
361	Y00G_050_037d	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	55.3	−2.6	24.8	25.0	96.1	0.5	0.5	0.125	59.9	−3.9	27.9	28.2	98.0	5.6	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
362	Y00G_050_025d	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	55.9	−1.7	16.5	16.6	96.1	0.5	0.5	0.25	60.0	−1.3	13.7	13.8	95.7	5.0	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
363	Y00G_050_012d	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	56.5	−0.8	8.2	8.3	96.1	0.5	0.5	0.375	59.9	2.1	−0.4	2.1	348.2	9.8	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
364	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	59.6	5.7	−9.5	11.2	301.0	11.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
365	B00R_062_012d	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	58.6	3.2	−5.5	6.4	299.9	0.5	0.5	0.625	60.1	9.2	−20.7	22.7	293.9	16.4	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
366	B00R_075_025d	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	60.2	6.4	−11.1	12.8	299.9	0.5	0.5	0.75	60.3	11.6	−26.6	29.1	293.5	16.4	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
367	B00R_087_037d	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	61.7	9.6	−16.7	19.2	299.9	0.5	0.5	0.875	60.6	16.8	−37.5	41.2	294.1	22.1	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
368	B00R_100_050d	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	63.3	12.8	−22.2	25.7	299.9	0.5	0.5	1.0	55.4	17.9	−40.2	44.1	294.0	20.3	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
369	Y18G_062_062d	0.5	0.625	0.0	0.625	0.625	0.312	101	0.51	0.625	0.0	63.5	−7.8	46.8	47.4	99.4	0.5	0.625	0.0	60.2	−9.8	48.6	49.5	101.4	4.3	99	0.816	1.0	0.0	89.6	−12.4	74.8	75.9	99.4
370	Y23G_062_050d	0.5	0.625	0.125	0.625	0.5	0.375	104	0.508	0.625	0.125	63.4	−7.1	36.9	37.6	100.8	0.5	0.625	0.125	64.6	−8.5	32.2	33.3	104.8	5.1	102	0.766	1.0	0.0	88.3	−14.2	73.9	75.3	100.8
371	Y31G_062_037d	0.5	0.625	0.25	0.625	0.375	0.437	109	0.506	0.625	0.25	62.3	−7.7	25.0	26.2	107.0	0.5	0.625	0.25	65.4	−7.2	18.1	19.5	111.7	7.6	108	0.683	1.0	0.0	83.4	−20.5	66.8	69.9	107.0
372	Y50G_062_025d	0.5	0.625	0.375	0.625	0.25	0.5	120	0.5	0.625	0.375	61.0	−8.2	12.9	15.3	122.3	0.5	0.625	0.375	65.8	−4.0	3.8	5.6	136.9	11.1	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
373	G00B_062_012d	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	61.4	−7.4	3.0	8.0	157.6	0.5	0.625	0.5	67.0	−1.2	−8.3	8.4	261.2	14.1	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
374	G50B_062_012d	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	61.1	−2.8	−5.8	6.5	244.1	0.5	0.625	0.625	67.3	1.6	−21.1	21.2	274.3	17.1	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
375	G75B_075_025d	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.625	0.75	63.4	−1.2	−13.6	13.7	264.7	0.5	0.625	0.75	67.2	4.0	−26.5	26.8	278.7	14.3	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
376	G84B_087_037d	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.618	0.875	63.9	1.6	−19.7	19.8	274.9	0.5	0.625	0.875	66.9	6.6	−34.9	35.5	280.8	16.2	251	0.0	0.316	1.0	38.1	4.5	−52.7	52.9	274.9
377	G88B_100_050d	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.616	1.0	64.9	4.7	−25.5	26.0	280.4	0.5	0.625	1.0	62.2	9.3	−40.7	41.8	282.8	16.0	257	0.0	0.233	1.0	35.6	9.4	−51.1	52.0	280.4
378	Y31G_075_075d	0.5	0.75	0.0	0.75	0.75	0.375	109	0.512	0.75	0.0	67.5	−15.4	50.1	52.4	107.0	0.5	0.75	0.0	67.5	−17.2	53.1	55.9	107.9	3.5	108	0.683	1.0	0.0	83.4	−20.5	66.8	69.9	107.0
379	Y38G_075_062d	0.5	0.75	0.125	0.75	0.625	0.437	113	0.51	0.75	0.125	66.1	−15.7	37.5	40.7	112.7	0.5	0.75	0.125	69.5	−16.7	39.5	42.9	113.0	4.0	112	0.616	1.0	0.0	79.0	−25.2	60.0	65.1	112.7
380	Y50G_075_050d	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	64.9	−16.4	25.9	30.7	122.3	0.5	0.75	0.25	69.6	−14.9	22.0	26.6	124.2	6.3	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
381	Y68G_075_037d	0.5	0.75	0.375	0.75	0.375	0.562	131	0.493	0.75	0.375	64.7	−16.2	15.5	22.4	136.1	0.5	0.75	0.375	70.9	−12.8	8.3	15.3	147.0	10.1	131	0.316	1.0	0.0	65.0	−43.2	41.5	59.9	136.1
382	G00B_075_025d	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	65.6	−14.8	6.1	16.0	157.6	0.5	0.75	0.5	70.7	−8.3	−4.1	9.2	206.3	13.1	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
383	G25B_075_025d	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.625	66.0	−11.0	−2.8	11.4	194.3	0.5	0.75	0.625	71.7	−4.7	−15.3	16.0	252.7	15.1	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
384	G50B_075_025d	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	65.1	−5.7	−11.7	13.0	244.1	0.5	0.75	0.75	73.1	−2.5	−27.8	27.9	264.8	18.2	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
385	G65B_087_037d	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.756	0.875	68.5	−4.9	−20.7	21.3	256.4	0.5	0.75	0.875	72.1	−0.3	−34.2	34.2	269.4	14.7	228	0.0	0.683	1.0	50.3	−13.3	−55.2	56.8	256.4
386	G75B_100_050d	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.75	1.0	69.8	−2.5	−27.3	27.4	264.7	0.5	0.75	1.0	68.6	0.5	−41.3	41.3	270.7	14.4	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
387	Y41G_087_087d	0.5	0.875	0.0	0.875	0.875	0.437	115	0.51	0.875	0.0	70.0	−24.1	50.6	56.1	115.4	0.5	0.875	0.0	72.3	−24.4	55.3	60.4	113.8	5.2	114	0.583	1.0	0.0	77.1	−27.5	57.8	64.1	115.4
388	Y50G_087_075d	0.5	0.875	0.125	0.875	0.75	0.5	120	0.5	0.875	0.125	68.7	−24.6	38.9	46.1	122.3	0.5	0.875	0.125	74.4	−23.7	42.3	48.5	119.2	6.6	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
389	Y61G_087_062d	0.5	0.875	0.25	0.875	0.625	0.562	127	0.489	0.875	0.25	68.8	−23.6	28.9	37.3	129.2	0.5	0.875	0.25	73.7	−22.9	23.4	32.7	134.4	7.4	127	0.383	1.0	0.0	68.4	−37.7	46.2	59.7	129.2
390	Y76G_087_050d	0.5	0.875	0.375	0.875	0.5	0.625	136	0.491	0.875	0.375	68.3	−24.6	17.4	30.2	144.7	0.5	0.875	0.375	74.0	−21.5	11.3	24.3	152.2	8.9	137	0.233	1.0	0.0	60.9	−49.3	34.9	60.4	144.7
391	G00B_087_037d	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	69.9	−22.3	9.1	24.1	157.6	0.5	0.875	0.5	75.4	−18.9	1.1	19.0	176.6	10.3	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
392	G15B_087_037d	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.618	69.9	−19.3	0.3	19.3	178.9	0.5	0.875	0.625	76.7	−14.7	−9.6	17.5	213.1	12.9	168	0.0	1.0	0.316	54.1	−51.5	0.9	51.5	178.9
393	G34B_087_037d	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.756	70.6	−13.7	−8.8	16.3	212.7	0.5	0.875	0.75	76.2	−10.1	−22.7	24.9	246.0	15.4	191	0.0	1.0	0.683	55.9	−36.6	−23.5	43.5	212.7
394	G50B_087_037d	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	69.1	−8.5	−17.6	19.6	244.1	0.5	0.875	0.875	76.2	−5.0	−35.6	36.0	261.9	19.6	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
395	G61B_100_050d	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	0.883	1.0	72.9	−8.4	−27.0	28.3	252.5	0.5	0.875	1.0	73.6	−3.3	−39.8	40.0	265.2	13.8	222	0.0	0.766	1.0	51.5	−16.9	−54.0	56.6	252.5
396	Y50G_100_100d	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3	0.0	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
397	Y58G_100_087d	0.5	1.0	0.125	1.0	0.875	0.562	125	0.489	1.0	0.125	72.7	−31.9	41.9	52.7	127.2	0.5	1.0	0.125	73.9	−31.0	42.6	52.7	126.1	1.6	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
398	Y68G_100_075d	0.5	1.0	0.25	1.0	0.75	0.625	131	0.487	1.0	0.25	72.3	−32.4	31.1	44.9	136.1	0.5	1.0	0.25	73.1	−30.8	27.6	41.4	138.0	3.9	131	0.316	1.0	0.0	65.0	−43.2	41.5	59.9	136.1
399	Y81G_100_062d	0.5	1.0	0.375	1.0	0.625	0.687	139	0.489	1.0	0.375	72.3	−32.3	19.9	37.9	148.3	0.5	1.0	0.375	74.9	−25.4	13.1	28.6	152.7	10.0	140	0.183	1.0	0.0	59.2	−51.7	31.8	60.7	148.3
400	G00B_100_050d	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	74.2	−29.7	12.2	32.1	157.6	0.5	1.0	0.5	75.9	−21.5	3.3	21.8	171.1	12.2	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
401	G11B_100_050d	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.616	74.0	−26.9	2.9	27.0	173.7	0.5	1.0	0.625	76.4	−18.3	−5.5	19.1	196.8	12.3	162	0.0	1.0	0.233	53.7	−53.8	5.8	54.1	173.7
402	G25B_100_050d	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.75	74.8	−22.1	−5.6	22.8	194.3	0.5	1.0	0.75	76.2	−13.1	−19.6	23.6	236.3	16.7	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
403	G38B_100_050d	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.883	75.0	−16.4	−14.4	21.9	221.1	0.5	1.0	0.875	75.4	−10.0	−28.8	30.5	250.7	15.7	197	0.0	1.0	0.766	55.8	−32.9	−28.8	43.8	221.1
404	G50B_100_050d	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	73.1	−11.4	−23.5	26.1	244.1	0.5	1.0	1.0	74.6	−5.6	−38.5	39.0	261.6	16.2	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1

Mean color difference of this page: **delta $E^{*\prime}$ = *10.1***

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E^{*\prime}$

input: *rgb/cmyk* −> rgb_d
output: transfer to $cmyk_d$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 25/33

n	HIC*$_{Fd}$	*rgb*$_{\_Fd}$			*ict*$_{\_Fd}$			*h*$_{si\_F,d}$	*rgb**$_{Fd}$			*LabCh**$_{Fd}$					*rgb*'*$_{Fd}$			*LabCh**'$_{Fd}$					*DE**'$_{Fd}$	*h*$_{siM,d}$	*rgb**$_{Md}$			*LabCh**$_{Md}$				
405	R00Y_062_062$_d$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	36.2	38.6	18.3	42.7	25.4	0.625	0.0	0.0	34.8	43.2	21.5	48.2	26.4	5.7	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
406	R31Y_062_062$_d$	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.114	36.0	38.1	13.1	40.3	18.9	0.625	0.0	0.125	35.8	41.9	14.8	44.4	19.4	4.1	380	1.0	0.0	0.183	45.5	61.1	21.0	64.6	18.9
407	R11Y_062_062$_d$	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.239	35.5	38.9	6.6	39.4	9.7	0.625	0.0	0.25	34.7	43.1	6.6	43.6	8.7	4.2	367	1.0	0.0	0.383	44.7	62.2	10.7	63.1	9.7
408	B69R_062_062$_d$	0.625	0.0	0.375	0.625	0.625	0.312	353	0.625	0.0	0.385	35.6	41.1	−0.7	41.1	358.9	0.625	0.0	0.375	34.7	45.0	−2.2	45.1	357.2	4.2	352	1.0	0.0	0.616	45.0	65.8	−1.2	65.8	358.9
409	B59R_062_062$_d$	0.625	0.0	0.5	0.625	0.625	0.312	341	0.625	0.0	0.51	36.1	43.4	−7.2	44.0	350.5	0.625	0.0	0.5	36.0	48.2	−9.6	49.1	348.6	5.3	339	1.0	0.0	0.816	45.8	69.5	−11.5	70.4	350.5
410	B50R_062_062$_d$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	36.7	44.2	−10.8	45.5	346.2	0.625	0.0	0.625	36.6	52.3	−16.5	54.8	342.4	9.8	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
411	B42R_075_075$_d$	0.625	0.0	0.75	0.75	0.75	0.375	321	0.637	0.0	0.75	36.9	47.9	−16.4	50.7	341.1	0.625	0.0	0.75	37.7	52.6	−21.9	57.0	337.3	7.2	322	0.85	0.0	1.0	42.5	63.9	−21.8	67.6	341.1
412	B36R_087_087$_d$	0.625	0.0	0.875	0.875	0.875	0.437	314	0.641	0.0	0.875	37.7	51.7	−21.7	56.0	337.2	0.625	0.0	0.875	38.2	54.0	−26.7	60.2	333.6	5.5	315	0.733	0.0	1.0	40.2	59.1	−24.8	64.1	337.2
413	B31R_100_100$_d$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	38.4	55.1	−29.1	62.3	332.1	0.625	0.0	1.0	38.2	54.8	−29.4	62.2	331.7	0.5	308	0.633	0.0	1.0	38.4	55.1	−29.1	62.3	332.1
414	R18Y_062_062$_d$	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.114	0.0	41.8	31.7	29.5	43.3	42.9	0.625	0.125	0.0	40.1	29.8	30.9	42.9	46.0	2.9	39	1.0	0.183	0.0	54.9	50.7	47.2	69.3	42.9
415	R00Y_062_050$_d$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	42.2	30.8	14.6	34.1	25.4	0.625	0.125	0.125	42.6	29.6	19.0	35.2	32.7	4.5	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
416	R26Y_062_050$_d$	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.241	41.9	30.5	9.1	31.9	16.7	0.625	0.125	0.25	41.7	31.2	8.4	32.3	15.1	1.0	377	1.0	0.0	0.233	45.2	61.1	18.3	63.8	16.7
417	R00Y_062_050$_d$	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.375	41.5	32.2	2.6	32.3	4.7	0.625	0.125	0.375	41.8	33.4	−0.9	33.4	358.4	3.7	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
418	B61R_062_050$_d$	0.625	0.125	0.5	0.625	0.5	0.375	344	0.625	0.125	0.508	42.0	34.2	−4.5	34.5	352.4	0.625	0.125	0.5	42.3	39.0	−9.0	40.0	346.9	6.5	342	1.0	0.0	0.766	45.5	68.4	−9.1	69.0	352.4
419	B50R_062_050$_d$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	42.7	35.3	−8.6	36.4	346.2	0.625	0.125	0.625	43.2	43.3	−17.1	46.5	338.4	11.6	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
420	B40R_075_062$_d$	0.625	0.125	0.75	0.75	0.625	0.437	319	0.635	0.125	0.75	42.9	39.0	−14.1	41.5	340.0	0.625	0.125	0.75	44.3	45.6	−22.7	50.9	333.4	10.8	320	0.816	0.0	1.0	41.8	62.5	−22.6	66.5	340.0
421	B34R_087_075$_d$	0.625	0.125	0.875	0.875	0.75	0.5	311	0.637	0.125	0.875	43.7	42.8	−20.2	47.4	334.6	0.625	0.125	0.875	43.8	50.8	−29.3	58.6	330.0	12.0	311	0.683	0.0	1.0	39.3	57.1	−27.0	63.2	334.6
422	B29R_100_087$_d$	0.625	0.125	1.0	1.0	0.875	0.562	305	0.635	0.125	1.0	44.4	46.6	−26.7	53.7	330.1	0.625	0.125	1.0	42.3	48.6	−32.0	58.2	326.6	6.0	305	0.583	0.0	1.0	37.3	53.2	−30.6	61.4	330.1
423	R38Y_062_062$_d$	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.239	0.0	47.9	20.5	33.5	39.4	58.5	0.625	0.25	0.0	44.3	18.0	35.6	39.9	63.1	4.8	52	1.0	0.383	0.0	64.6	32.9	53.7	63.0	58.5
424	R23Y_062_050$_d$	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.241	0.125	48.1	22.7	24.3	33.3	47.0	0.625	0.25	0.125	48.9	18.2	21.5	28.2	49.7	5.3	42	1.0	0.233	0.0	57.6	45.4	48.7	66.6	47.0
425	R00Y_062_037$_d$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	48.2	23.1	11.0	25.6	25.4	0.625	0.25	0.25	47.9	21.1	10.6	23.6	26.8	2.0	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
426	R18Y_062_037$_d$	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.368	47.9	23.1	5.2	23.7	12.8	0.625	0.25	0.375	48.2	24.2	0.0	24.2	0.2	5.3	371	1.0	0.0	0.316	44.9	61.7	14.0	63.3	12.8
427	B65R_062_037$_d$	0.625	0.25	0.5	0.625	0.375	0.437	349	0.625	0.25	0.506	48.0	25.1	−1.7	25.2	355.9	0.625	0.25	0.5	49.5	28.3	−9.2	29.8	341.8	8.2	348	1.0	0.0	0.683	45.2	67.0	−4.7	67.2	355.9
428	B50R_062_037$_d$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	48.6	26.5	−6.4	27.3	346.2	0.625	0.25	0.625	50.5	33.0	−17.8	37.5	331.6	13.2	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
429	B38R_075_050$_d$	0.625	0.25	0.75	0.75	0.5	0.5	316	0.633	0.25	0.75	49.0	30.2	−11.8	32.4	338.5	0.625	0.25	0.75	51.3	34.7	−22.1	41.1	327.4	11.4	317	0.766	0.0	1.0	40.8	60.4	−23.7	64.9	338.5
430	B30R_087_062$_d$	0.625	0.25	0.875	0.875	0.625	0.562	307	0.635	0.25	0.875	49.8	34.0	−18.5	38.8	331.4	0.625	0.25	0.875	49.7	42.9	−31.8	53.4	323.3	15.9	307	0.616	0.0	1.0	38.0	54.5	−29.7	62.0	331.4
431	B25R_100_075$_d$	0.625	0.25	1.0	1.0	0.75	0.625	300	0.625	0.25	1.0	50.1	37.5	−24.5	44.8	326.8	0.625	0.25	1.0	46.1	42.1	−34.1	54.2	320.9	11.3	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
432	R61Y_062_062$_d$	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.385	0.0	53.4	11.1	38.5	40.1	73.8	0.625	0.375	0.0	48.2	7.9	39.1	39.9	78.4	6.0	67	1.0	0.616	0.0	73.4	17.8	61.7	64.2	73.8
433	R50Y_062_050$_d$	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.375	0.125	54.0	12.1	28.9	31.4	67.1	0.625	0.375	0.125	55.2	9.1	26.6	28.2	71.1	3.9	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
434	R31Y_062_037$_d$	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.368	0.25	54.1	14.3	19.3	24.1	53.4	0.625	0.375	0.25	54.7	12.7	13.2	18.4	45.9	6.3	48	1.0	0.316	0.0	61.6	38.2	51.6	64.3	53.4
435	R00Y_062_025$_d$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	54.3	15.4	7.3	17.0	25.4	0.625	0.375	0.375	55.0	15.0	2.2	15.2	8.3	5.1	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
436	R00Y_062_025$_d$	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.5	53.9	16.1	1.3	16.1	4.7	0.625	0.375	0.5	56.2	18.3	−7.4	19.7	338.0	9.2	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
437	B50R_062_025$_d$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	54.5	17.6	−4.3	18.2	346.2	0.625	0.375	0.625	57.1	23.1	−16.6	28.5	324.2	13.7	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
438	B34R_075_037$_d$	0.625	0.375	0.75	0.75	0.375	0.562	311	0.631	0.375	0.75	55.1	21.4	−10.1	23.7	334.6	0.625	0.375	0.75	57.2	25.5	−22.0	33.7	319.2	12.7	311	0.683	0.0	1.0	39.3	57.1	−27.0	63.2	334.6
439	B25R_087_050$_d$	0.625	0.375	0.875	0.875	0.5	0.625	300	0.625	0.375	0.875	55.5	25.0	−16.3	29.9	326.8	0.625	0.375	0.875	57.7	33.8	−32.3	46.8	316.3	18.3	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
440	B19R_100_062$_d$	0.625	0.375	1.0	1.0	0.625	0.687	293	0.614	0.375	1.0	56.1	28.5	−21.9	35.9	322.4	0.625	0.375	1.0	53.1	33.0	−35.0	48.1	313.3	14.1	292	0.383	0.0	1.0	33.2	45.6	−35.0	57.5	322.4
441	R81Y_062_062$_d$	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.51	0.0	59.2	2.1	37.2	37.3	86.6	0.625	0.5	0.0	57.6	0.5	48.3	48.3	89.3	11.2	80	1.0	0.816	0.0	82.7	3.4	59.6	59.7	86.6
442	R76Y_062_050$_d$	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.508	0.125	59.8	2.8	30.7	30.8	84.6	0.625	0.5	0.125	61.9	1.6	34.6	34.6	87.3	4.5	77	1.0	0.766	0.0	81.1	5.7	61.4	61.7	84.6
443	R68Y_062_037$_d$	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.506	0.25	59.9	4.6	23.3	23.8	78.8	0.625	0.5	0.25	61.5	4.0	19.3	19.7	78.2	4.3	71	1.0	0.683	0.0	76.9	12.2	62.2	63.4	78.8
444	R50Y_062_025$_d$	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.5	0.375	60.2	6.0	14.4	15.7	67.1	0.625	0.5	0.375	62.3	6.8	6.2	9.2	42.3	8.5	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
445	R00Y_062_012$_d$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	60.3	7.7	3.6	8.5	25.4	0.625	0.5	0.5	62.7	10.7	−5.6	12.1	332.1	10.0	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
446	B50R_062_012$_d$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	60.5	8.8	−2.1	9.1	346.2	0.625	0.5	0.625	64.4	15.3	−16.1	22.2	313.5	15.9	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
447	B25R_075_025$_d$	0.625	0.5	0.75	0.75	0.25	0.625	300	0.625	0.5	0.75	61.0	12.5	−8.1	14.9	326.8	0.625	0.5	0.75	63.8	18.5	−22.4	29.1	309.5	15.7	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
448	B15R_087_037$_d$	0.625	0.5	0.875	0.875	0.375	0.687	289	0.618	0.5	0.875	61.6	16.0	−13.7	21.1	319.2	0.625	0.5	0.875	65.0	24.7	−32.3	40.7	307.3	20.7	288	0.316	0.0	1.0	32.0	42.7	−36.7	56.3	319.2
449	B11R_100_050$_d$	0.625	0.5	1.0	1.0	0.5	0.75	284	0.616	0.5	1.0	62.6	19.3	−19.4	27.4	314.8	0.625	0.5	1.0	61.1	24.4	−34.6	42.4	305.1	16.1	282	0.233	0.0	1.0	30.9	38.6	−38.9	54.9	314.8
450	Y00G_062_062$_d$	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	63.4	−4.4	41.4	41.7	96.1	0.625	0.625	0.0	66.4	−6.2	56.3	56.6	96.3	15.2	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
451	Y00G_062_050$_d$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	64.0	−3.5	33.1	33.3	96.1	0.625	0.625	0.125	69.2	−4.9	40.6	40.9	96.9	9.1	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
452	Y00G_062_037$_d$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	64.6	−2.6	24.8	25.0	96.1	0.625	0.625	0.25	69.7	−2.8	24.5	24.7	96.5	5.0	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
453	Y00G_062_025$_d$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	65.2	−1.7	16.5	16.6	96.1	0.625	0.625	0.375	70.3	0.1	10.8	10.8	89.3	7.9	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
454	Y00G_062_012$_d$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	65.8	−0.8	8.2	8.3	96.1	0.625	0.625	0.5	71.3	3.7	−4.0	5.5	312.3	14.3	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
455	NW_062$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	70.3	7.3	−12.9	14.8	299.7	15.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
456	B00R_075_012$_d$	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	67.9	3.2	−5.5	6.4	299.9	0.625	0.625	0.75	72.1	10.4	−22.6	24.9	294.8	19.0	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
457	B00R_087_025$_d$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	69.5	6.4	−11.1	12.8	299.9	0.625	0.625	0.875	71.3	13.7	−30.3	33.2	294.4	20.6	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
458	B00R_100_037$_d$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	71.0	9.6	−16.7	19.2	299.9	0.625	0.625	1.0	68.3	15.5	−35.0	38.3	293.9	19.4	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
459	Y15G_075_075$_d$	0.625	0.75	0.0	0.75	0.75	0.375	99	0.637	0.75	0.0	72.8	−8.4	56.5	57.2	98.5	0.625	0.75	0.0	73.5	−10.0	61.0	61.9	99.3	4.8	97	0.85	1.0	0.0	90.4	−11.3	75.4	76.3	98.5
460	Y18G_075_062$_d$	0.625	0.75	0.125	0.75	0.625	0.437	101	0.635	0.75	0.125	72.8	−7.8	46.8	47.4	99.4	0.625	0.75	0.125	74.7	−9.8	43.6	44.7	102.6	4.2	99	0.816	1.0	0.0	89.6	−12.4	74.8	75.9	99.4
461	Y23G_075_050$_d$	0.625	0.75	0.25	0.75	0.5	0.5	104	0.633	0.75	0.25	72.7	−7.1	36.9	37.6	100.8	0.625	0.75	0.25	75.2	−7.8	28.4	29.5	105.4	8.9	102	0.766	1.0	0.0	88.3	−14.2	73.9	75.3	100.8
462	Y31G_075_037$_d$	0.625	0.75	0.375	0.75	0.375	0.562	109	0.631	0.75	0.375	71.6	−7.7	25.0	26.2	107.0	0.625	0.75	0.375	75.8	−5.5	14.9	15.9	110.3	11.1	108	0.683	1.0	0.0	83.4	−20.5	66.8	69.9	107.0
463	Y50G_075_025$_d$	0.625	0.75	0.5	0.75	0.25	0.625	120	0.625	0.75	0.5	70.3	−8.2	12.9	15.3	122.3	0.625	0.75	0.5	76.2	−2.4	3.3	4.1	126.6	12.7	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
464	G00B_075_012$_d$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	70.6	−7.4	3.0	8.0	157.6	0.625	0.75	0.625	77.0	0.0	−9.6	9.6	270.4	16.1	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
465	G50B_075_012$_d$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	70.4	−2.8	−5.8	6.5	244.1	0.625	0.75	0.75	78.1	3.6	−22.6	22.9	279.2	19.5	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
466	G75B_087_025$_d$	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.75	0.875	72.7	−1.2	−13.6	13.7	264.7	0.625	0.75	0.875	77.4	5.9	−29.4	29.9	281.3	17.9	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
467	G84B_100_037$_d$	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.743	1.0	73.2	1.6	−19.7	19.8	274.9	0.625	0.75	1.0	74.1	5.5	−35.6	36.0	278.8	16.3	251	0.0	0.316	1.0	38.1	4.5	−52.7	52.9	274.9
468	Y26G_087_087$_d$	0.625	0.875	0.0	0.875	0.875	0.437	106	0.641	0.875	0.0	78.4	−14.3	63.0	64.6	102.7	0.625	0.875	0.0	79.6	−15.4	64.5	66.3	103.4	2.2	104	0.733	1.0	0.0	86.8	−16.3	72.0	73.8	102.7
469	Y31G_087_075$_d$	0.625	0.875	0.125	0.875	0.75	0.5	109	0.637	0.875	0.125	76.8	−15.4	50.1	52.4	107.0	0.625	0.875	0.125	79.7	−15.8	50.2	52.6	107.4	2.9	108	0.683	1.0	0.0	83.4	−20.5	66.8	69.9	107.0
470	Y38G_087_062$_d$	0.625	0.875	0.25	0.875	0.625	0.562	113	0.635	0.875	0.25	75.4	−15.7	37.5	40.7	112.7	0.625	0.875	0.25	78.6	−13.9	30.0	33.1	114.8	8.3	112	0.616	1.0	0.0	79.0	−25.2	60.0	65.1	112.7
471	Y50G_087_050$_d$	0.625	0.875	0.375	0.875	0.5	0.625	120	0.625	0.875	0.375	74.1	−16.4	25.9	30.7	122.3	0.625	0.875	0.375	78.9	−13.2	18.1	22.4	126.1	9.7	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
472	Y68G_087_037$_d$	0.625	0.875	0.5	0.875	0.375	0.687	131	0.618	0.875	0.5	74.0	−16.2	15.5	22.4	136.1	0.625	0.875	0.5	80.0	−10.7	6.7	12.7	148.0	11.9	131	0.316	1.0	0.0	65.0	−43.2	41.5	59.9	136.1
473	G00B_087_025$_d$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	74.9	−14.8	6.1	16.0	157.6	0.625	0.875	0.625	81.4	−6.9	−5.2	8.6	217.3	15.3	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
474	G25B_087_025$_d$	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.75	75.2	−11.0	−2.8	11.4	194.3	0.625	0.875	0.75	82.0	−3.9	−16.6	17.1	256.5	16.9	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
475	G50B_087_025$_d$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	74.4	−5.7	−11.7	13.0	244.1	0.625	0.875	0.875	82.0	0.0	−31.0	31.0	270.1	21.5	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
476	G65B_100_037$_d$	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	0.881	1.0	77.8	−4.9	−20.7	21.3	256.4	0.625	0.875	1.0	79.4	0.3	−34.7	34.7	270.5	15.1	228	0.0	0.683	1.0	50.3	−13.3	−55.2	56.8	256.4
477	Y36G_100_100$_d$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	80.0	−24.0	61.5	66.0	111.3	0.625	1.0	0.0	79.4	−24.5	60.6	65.4	112.0	1.1	111	0.633	1.0	0.0	80.0	−24.0	61.5	66.0	111.3
478	Y41G_100_087$_d$	0.625	1.0	0.125	1.0	0.875	0.562	115	0.635	1.0	0.125	79.3	−24.1	50.6	56.1	115.4	0.625	1.0	0.125	81.4	−22.6	51.0	55.8	113.9	2.6	114	0.583	1.0	0.0	77.1	−27.5	57.8	64.1	115.4
479	Y50G_100_075$_d$	0.625	1.0	0.25	1.0	0.75	0.625	120	0.625	1.0	0.25	78.0	−24.6	38.9	46.1	122.3	0.625	1.0	0.25	80.3	−22.4	37.6	43.8	120.8	3.4	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
480	Y61G_100_062$_d$	0.625	1.0	0.375	1.0	0.625	0.687	127	0.614	1.0	0.375	78.1	−23.6	28.9	37.3	129.2	0.625	1.0	0.375	79.3	−22.1	25.2	33.5	131.2	4.1	127	0.383	1.0	0.0	68.4	−37.7	46.2	59.7	129.2
481	Y76G_100_050$_d$	0.625	1.0	0.5	1.0	0.5	0.75	136	0.616	1.0	0.5	77.5	−24.6	17.4	30.2	144.7	0.625	1.0	0.5	80.5	−17.3	9.4	19.7	151.4	11.2	137	0.233	1.0	0.0	60.9	−49.3	34.9	60.4	144.7
482	G00B_100_037$_d$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	79.2	−22.3	9.1	24.1	157.6	0.625	1.0	0.625	82.3	−11.9	−1.2	12.0	186.1	15.0	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
483	G15B_100_037$_d$	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.743	79.2	−19.3	0.3	19.3	178.9	0.625	1.0	0.75	82.6	−7.3	−13.8	15.6	242.1	18.8	168	0.0	1.0	0.316	54.1	−51.5	0.9	51.5	178.9
484	G34B_100_037$_d$	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.881	79.9	−13.7	−8.8	16.3	212.7	0.625	1.0	0.875	81.2	−4.0	−25.0	25.3	260.8	18.9	191	0.0	1.0	0.683	55.9	−36.6	−23.5	43.5	212.7
485	G50B_100_037$_d$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	78.4	−8.5	−17.6	19.6	244.1	0.625	1.0	1.0	80.5	−0.9	−33.4	33.4	268.3	17.6	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1

Mean color difference of this page: **delta *E**' =** ***10.0***

1−0032430−F0

RE670−7N, Page 25/33−F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, Δ*E**'

input: *rgb/cmyk* −> *rgb*$_d$
output: transfer to *cmyk*$_d$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 26/33

n	HIC*$_{Fd}$	*rgb*$_{\_Fd}$			*ict*$_{\_Fd}$			*h*$_{si\_F,d}$	*rgb**$_{Fd}$			*LabCh**$_{Fd}$				
486	R00Y_075_075$_{d}$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	39.4	46.3	22.0	51.2	25.4
487	R35Y_075_075$_{d}$	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.112	39.3	45.7	17.1	48.8	20.5
488	R18Y_075_075$_{d}$	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.237	38.7	46.3	10.5	47.5	12.8
489	R00Y_075_075$_{d}$	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.375	38.3	48.3	4.0	48.5	4.7
490	B65R_075_075$_{d}$	0.75	0.0	0.5	0.75	0.75	0.375	349	0.75	0.0	0.512	38.9	50.2	−3.5	50.4	355.9
491	B57R_075_075$_{d}$	0.75	0.0	0.625	0.75	0.75	0.375	339	0.75	0.0	0.637	39.5	52.6	−9.8	53.5	349.3
492	B50R_075_075$_{d}$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	40.1	53.0	−12.9	54.6	346.2
493	B43R_087_087$_{d}$	0.75	0.0	0.875	0.875	0.875	0.437	322	0.758	0.0	0.875	40.0	56.5	−18.8	59.6	341.6
494	B38R_100_100$_{d}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	40.8	60.4	−23.7	64.9	338.5
495	R15Y_075_075$_{d}$	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.112	0.0	44.8	40.7	34.4	53.3	40.1
496	R00Y_075_062$_{d}$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	45.4	38.6	18.3	42.7	25.4
497	R31Y_075_062$_{d}$	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.239	45.2	38.1	13.1	40.3	18.9
498	R11Y_075_062$_{d}$	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.364	44.7	38.9	6.6	39.4	9.7
499	B69R_075_062$_{d}$	0.75	0.125	0.5	0.75	0.625	0.437	353	0.75	0.125	0.51	44.9	41.1	−0.7	41.1	358.9
500	B59R_075_062$_{d}$	0.75	0.125	0.625	0.75	0.625	0.437	341	0.75	0.125	0.635	45.4	43.4	−7.2	44.0	350.5
501	B50R_075_062$_{d}$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	46.0	44.2	−10.8	45.5	346.2
502	B42R_087_075$_{d}$	0.75	0.125	0.875	0.875	0.75	0.5	321	0.762	0.125	0.875	46.1	47.9	−16.4	50.7	341.1
503	B36R_100_087$_{d}$	0.75	0.125	1.0	1.0	0.875	0.562	314	0.766	0.125	1.0	47.0	51.7	−21.7	56.0	337.2
504	R31Y_075_075$_{d}$	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.237	0.0	51.2	28.7	38.7	48.2	53.4
505	R18Y_075_062$_{d}$	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.239	0.125	51.1	31.7	29.5	43.3	42.9
506	R00Y_075_050$_{d}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.5	30.8	14.6	34.1	25.4
507	R26Y_075_050$_{d}$	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.366	51.1	30.5	9.1	31.9	16.7
508	R00Y_075_050$_{d}$	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.5	50.8	32.2	2.6	32.3	4.7
509	B61R_075_050$_{d}$	0.75	0.25	0.625	0.75	0.5	0.5	344	0.75	0.25	0.633	51.3	34.2	−4.5	34.5	352.4
510	B50R_075_050$_{d}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	51.9	35.3	−8.6	36.4	346.2
511	B40R_087_062$_{d}$	0.75	0.25	0.875	0.875	0.625	0.562	319	0.76	0.25	0.875	52.2	39.0	−14.1	41.5	340.0
512	B34R_100_075$_{d}$	0.75	0.25	1.0	1.0	0.75	0.625	311	0.762	0.25	1.0	53.0	42.8	−20.2	47.4	334.6
513	R50Y_075_075$_{d}$	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.375	0.0	57.1	18.2	43.4	47.1	67.1
514	R38Y_075_062$_{d}$	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.364	0.125	57.2	20.5	33.5	39.4	58.5
515	R23Y_075_050$_{d}$	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.366	0.25	57.3	22.7	24.3	33.3	47.0
516	R00Y_075_037$_{d}$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	57.5	23.1	11.0	25.6	25.4
517	R18Y_075_037$_{d}$	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.493	57.2	23.1	5.2	23.7	12.8
518	B65R_075_037$_{d}$	0.75	0.375	0.625	0.75	0.375	0.562	349	0.75	0.375	0.631	57.3	25.1	−1.7	25.2	355.9
519	B50R_075_037$_{d}$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	57.9	26.5	−6.4	27.3	346.2
520	B38R_087_050$_{d}$	0.75	0.375	0.875	0.875	0.5	0.625	316	0.758	0.375	0.875	58.3	30.2	−11.8	32.4	338.5
521	B30R_100_062$_{d}$	0.75	0.375	1.0	1.0	0.625	0.687	307	0.76	0.375	1.0	59.1	34.0	−18.5	38.8	331.4
522	R68Y_075_075$_{d}$	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.512	0.0	62.7	9.2	46.7	47.6	78.8
523	R61Y_075_062$_{d}$	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.51	0.125	62.7	11.1	38.5	40.1	73.8
524	R50Y_075_050$_{d}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	63.3	12.1	28.9	31.4	67.1
525	R31Y_075_037$_{d}$	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.493	0.375	63.4	14.3	19.3	24.1	53.4
526	R00Y_075_025$_{d}$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	63.6	15.4	7.3	17.0	25.4
527	R00Y_075_025$_{d}$	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.625	63.2	16.1	1.3	16.1	4.7
528	B50R_075_025$_{d}$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	63.8	17.6	−4.3	18.2	346.2
529	B34R_087_037$_{d}$	0.75	0.5	0.875	0.875	0.375	0.687	311	0.756	0.5	0.875	64.3	21.4	−10.1	23.7	334.6
530	B25R_100_050$_{d}$	0.75	0.5	1.0	1.0	0.5	0.75	300	0.75	0.5	1.0	64.8	25.0	−16.3	29.9	326.8
531	R85Y_075_075$_{d}$	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.637	0.0	67.8	1.5	43.7	43.7	87.9
532	R81Y_075_062$_{d}$	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.635	0.125	68.5	2.1	37.2	37.3	86.6
533	R76Y_075_050$_{d}$	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.633	0.25	69.1	2.8	30.7	30.8	84.6
534	R68Y_075_037$_{d}$	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.631	0.375	69.2	4.6	23.3	23.8	78.8
535	R50Y_075_025$_{d}$	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.625	0.5	69.5	6.0	14.4	15.7	67.1
536	R00Y_075_012$_{d}$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	69.6	7.7	3.6	8.5	25.4
537	B50R_075_012$_{d}$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	69.7	8.8	−2.1	9.1	346.2
538	B25R_087_025$_{d}$	0.75	0.625	0.875	0.875	0.25	0.75	300	0.75	0.625	0.875	70.2	12.5	−8.1	14.9	326.8
539	B15R_100_037$_{d}$	0.75	0.625	1.0	1.0	0.375	0.812	289	0.743	0.625	1.0	70.9	16.0	−13.7	21.1	319.2
540	Y00G_075_075$_{d}$	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	72.1	−5.3	49.7	50.0	96.1
541	Y00G_075_062$_{d}$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	72.7	−4.4	41.4	41.7	96.1
542	Y00G_075_050$_{d}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	73.3	−3.5	33.1	33.3	96.1
543	Y00G_075_037$_{d}$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	73.9	−2.6	24.8	25.0	96.1
544	Y00G_075_025$_{d}$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	74.5	−1.7	16.5	16.6	96.1
545	Y00G_075_012$_{d}$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	75.1	−0.8	8.2	8.3	96.1
546	NW_075$_{d}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0
547	B00R_087_012$_{d}$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	77.2	3.2	−5.5	6.4	299.9
548	B00R_100_025$_{d}$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	78.7	6.4	−11.1	12.8	299.9
549	Y13G_087_087$_{d}$	0.75	0.875	0.0	0.875	0.875	0.437	98	0.758	0.875	0.0	82.0	−9.3	66.2	66.9	98.0
550	Y15G_087_075$_{d}$	0.75	0.875	0.125	0.875	0.75	0.5	99	0.762	0.875	0.125	82.1	−8.4	56.5	57.2	98.5
551	Y18G_087_062$_{d}$	0.75	0.875	0.25	0.875	0.625	0.562	101	0.76	0.875	0.25	82.0	−7.8	46.8	47.4	99.4
552	Y23G_087_050$_{d}$	0.75	0.875	0.375	0.875	0.5	0.625	104	0.758	0.875	0.375	82.0	−7.1	36.9	37.6	100.8
553	Y31G_087_037$_{d}$	0.75	0.875	0.5	0.875	0.375	0.687	109	0.756	0.875	0.5	80.9	−7.7	25.0	26.2	107.0
554	Y50G_087_025$_{d}$	0.75	0.875	0.625	0.875	0.25	0.75	120	0.75	0.875	0.625	79.5	−8.2	12.9	15.3	122.3
555	G00B_087_012$_{d}$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	79.9	−7.4	3.0	8.0	157.6
556	G50B_087_012$_{d}$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	79.7	−2.8	−5.8	6.5	244.1
557	G75B_100_025$_{d}$	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.875	1.0	82.0	−1.2	−13.6	13.7	264.7
558	Y23G_100_100$_{d}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	88.3	−14.2	73.9	75.3	100.8
559	Y26G_100_087$_{d}$	0.75	1.0	0.125	1.0	0.875	0.562	106	0.766	1.0	0.125	87.7	−14.3	63.0	64.6	102.7
560	Y31G_100_075$_{d}$	0.75	1.0	0.25	1.0	0.75	0.625	109	0.762	1.0	0.25	86.1	−15.4	50.1	52.4	107.0
561	Y38G_100_062$_{d}$	0.75	1.0	0.375	1.0	0.625	0.687	113	0.76	1.0	0.375	84.7	−15.7	37.5	40.7	112.7
562	Y50G_100_050$_{d}$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	83.4	−16.4	25.9	30.7	122.3
563	Y68G_100_037$_{d}$	0.75	1.0	0.625	1.0	0.375	0.812	131	0.743	1.0	0.625	83.3	−16.2	15.5	22.4	136.1
564	G00B_100_025$_{d}$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	84.2	−14.8	6.1	16.0	157.6
565	G25B_100_025$_{d}$	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.875	84.5	−11.0	−2.8	11.4	194.3
566	G50B_100_025$_{d}$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	83.7	−5.7	−11.7	13.0	244.1

n	*rgb**'$_{Fd}$			*LabCh**'$_{Fd}$					*DE**'$_{Fd}$	*h*$_{siM,d}$	*rgb**$_{Md}$			*LabCh**$_{Md}$				
486	0.75	0.0	0.0	38.1	49.4	22.0	54.1	24.0	3.3	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
487	0.75	0.0	0.125	37.5	48.7	14.1	50.7	16.1	4.5	382	1.0	0.0	0.15	45.8	60.9	22.8	65.1	20.5
488	0.75	0.0	0.25	37.0	48.7	8.4	49.4	9.7	3.6	371	1.0	0.0	0.316	44.9	61.7	14.0	63.3	12.8
489	0.75	0.0	0.375	36.4	50.1	1.5	50.2	1.7	3.5	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
490	0.75	0.0	0.5	36.7	53.0	−6.1	53.4	353.3	4.4	348	1.0	0.0	0.683	45.2	67.0	−4.7	67.2	355.9
491	0.75	0.0	0.625	37.1	55.9	−13.0	57.4	346.8	5.1	337	1.0	0.0	0.85	46.0	70.1	−13.1	71.3	349.3
492	0.75	0.0	0.75	38.2	56.8	−17.6	59.5	342.7	6.3	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
493	0.75	0.0	0.875	39.2	57.7	−22.8	62.1	338.3	4.3	322	0.866	0.0	1.0	42.8	64.6	−21.4	68.1	341.6
494	0.75	0.0	1.0	40.5	59.7	−24.0	64.3	338.0	0.8	317	0.766	0.0	1.0	40.8	60.4	−23.7	64.9	338.5
495	0.75	0.125	0.0	45.6	41.1	37.7	55.8	42.5	3.4	37	1.0	0.15	0.0	53.1	54.3	45.9	71.1	40.1
496	0.75	0.125	0.125	46.0	36.4	21.9	42.5	31.1	4.2	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
497	0.75	0.125	0.25	45.3	37.4	13.7	39.8	20.1	0.9	380	1.0	0.0	0.183	45.5	61.1	21.0	64.6	18.9
498	0.75	0.125	0.375	44.6	39.1	6.2	39.6	9.0	0.5	367	1.0	0.0	0.383	44.7	62.2	10.7	63.1	9.7
499	0.75	0.125	0.5	44.5	43.2	−2.1	43.2	357.2	2.4	352	1.0	0.0	0.616	45.0	65.8	−1.2	65.8	358.9
500	0.75	0.125	0.625	44.7	46.4	−10.6	47.6	347.1	4.6	339	1.0	0.0	0.816	45.8	69.5	−11.5	70.4	350.5
501	0.75	0.125	0.75	45.9	49.7	−18.2	53.0	339.9	9.2	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
502	0.75	0.125	0.875	46.1	53.0	−23.9	58.2	335.6	9.1	322	0.85	0.0	1.0	42.5	63.9	−21.8	67.6	341.1
503	0.75	0.125	1.0	45.6	54.1	−27.6	60.8	332.9	6.5	315	0.733	0.0	1.0	40.2	59.1	−24.8	64.1	337.2
504	0.75	0.25	0.0	52.5	25.8	44.5	51.4	59.8	6.5	48	1.0	0.316	0.0	61.6	38.2	51.6	64.3	53.4
505	0.75	0.25	0.125	52.2	26.4	25.6	36.8	44.1	6.6	39	1.0	0.183	0.0	54.9	50.7	47.2	69.3	42.9
506	0.75	0.25	0.25	51.9	27.5	15.1	31.4	28.8	3.3	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
507	0.75	0.25	0.375	51.3	30.1	6.0	30.7	11.4	3.1	377	1.0	0.0	0.233	45.2	61.1	18.3	63.8	16.7
508	0.75	0.25	0.5	51.4	32.4	−1.9	32.5	356.5	4.6	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
509	0.75	0.25	0.625	51.6	36.1	−10.6	37.6	343.5	6.3	342	1.0	0.0	0.766	45.5	68.4	−9.1	69.0	352.4
510	0.75	0.25	0.75	52.5	40.0	−19.2	44.4	334.3	11.6	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
511	0.75	0.25	0.875	53.6	43.4	−24.9	50.0	330.0	11.7	320	0.816	0.0	1.0	41.8	62.5	−22.6	66.5	340.0
512	0.75	0.25	1.0	51.4	45.6	−29.7	54.4	326.8	10.0	311	0.683	0.0	1.0	39.3	57.1	−27.0	63.2	334.6
513	0.75	0.375	0.0	57.0	16.6	47.3	50.1	70.6	4.2	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
514	0.75	0.375	0.125	58.0	17.9	32.3	36.9	61.0	3.0	52	1.0	0.383	0.0	64.6	32.9	53.7	63.0	58.5
515	0.75	0.375	0.25	57.5	18.9	18.5	26.4	44.3	7.0	42	1.0	0.233	0.0	57.6	45.4	48.7	66.6	47.0
516	0.75	0.375	0.375	57.3	21.3	8.3	22.9	21.3	3.1	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
517	0.75	0.375	0.5	58.1	23.2	−0.4	23.2	359.0	5.7	371	1.0	0.0	0.316	44.9	61.7	14.0	63.3	12.8
518	0.75	0.375	0.625	58.3	26.6	−10.3	28.5	338.8	8.7	348	1.0	0.0	0.683	45.2	67.0	−4.7	67.2	355.9
519	0.75	0.375	0.75	58.2	30.9	−18.7	36.1	328.8	13.0	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
520	0.75	0.375	0.875	59.6	36.9	−25.8	45.1	325.0	15.6	317	0.766	0.0	1.0	40.8	60.4	−23.7	64.9	338.5
521	0.75	0.375	1.0	56.6	39.7	−29.9	49.8	322.9	13.0	307	0.616	0.0	1.0	38.0	54.5	−29.7	62.0	331.4
522	0.75	0.5	0.0	62.0	8.0	50.6	51.2	81.0	4.1	71	1.0	0.683	0.0	76.9	12.2	62.2	63.4	78.8
523	0.75	0.5	0.125	64.3	9.2	38.6	39.6	76.5	2.5	67	1.0	0.616	0.0	73.4	17.8	61.7	64.2	73.8
524	0.75	0.5	0.25	64.0	10.3	22.9	25.1	65.6	6.3	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
525	0.75	0.5	0.375	63.9	12.8	12.1	17.6	43.2	7.4	48	1.0	0.316	0.0	61.6	38.2	51.6	64.3	53.4
526	0.75	0.5	0.5	64.2	15.1	2.1	15.3	8.2	5.1	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
527	0.75	0.5	0.625	64.8	19.0	−8.5	20.8	335.9	10.4	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
528	0.75	0.5	0.75	65.8	23.4	−18.7	30.0	321.3	15.6	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
529	0.75	0.5	0.875	66.7	28.1	−26.0	38.3	317.2	17.4	311	0.683	0.0	1.0	39.3	57.1	−27.0	63.2	334.6
530	0.75	0.5	1.0	65.0	32.1	−29.7	43.8	317.2	15.1	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
531	0.75	0.625	0.0	70.7	0.7	58.9	58.9	89.2	15.4	81	1.0	0.85	0.0	83.8	2.0	58.3	58.3	87.9
532	0.75	0.625	0.125	71.2	1.8	43.5	43.6	87.5	6.8	80	1.0	0.816	0.0	82.7	3.4	59.6	59.7	86.6
533	0.75	0.625	0.25	71.1	3.6	27.1	27.3	82.4	4.2	77	1.0	0.766	0.0	81.1	5.7	61.4	61.7	84.6
534	0.75	0.625	0.375	71.2	5.5	15.7	16.7	70.6	7.9	71	1.0	0.683	0.0	76.9	12.2	62.2	63.4	78.8
535	0.75	0.625	0.5	71.2	8.4	5.5	10.0	33.3	9.3	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
536	0.75	0.625	0.625	71.7	11.3	−6.9	13.2	328.5	11.3	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
537	0.75	0.625	0.75	72.9	15.8	−18.0	23.9	311.3	17.6	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
538	0.75	0.625	0.875	74.0	20.3	−25.7	32.7	308.2	19.5	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
539	0.75	0.625	1.0	72.5	23.0	−29.2	37.2	308.2	17.0	288	0.316	0.0	1.0	32.0	42.7	−36.7	56.3	319.2
540	0.75	0.75	0.0	79.1	−6.3	65.9	66.2	95.5	17.6	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
541	0.75	0.75	0.125	78.1	−4.9	50.4	50.7	95.6	10.4	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
542	0.75	0.75	0.25	78.3	−3.3	32.8	33.0	95.7	5.0	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
543	0.75	0.75	0.375	78.3	−0.7	20.6	20.6	92.1	6.3	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
544	0.75	0.75	0.5	79.0	0.8	10.0	10.1	85.3	8.3	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
545	0.75	0.75	0.625	79.1	4.8	−4.7	6.7	315.9	14.7	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
546	0.75	0.75	0.75	78.7	8.6	−15.0	17.3	299.8	17.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
547	0.75	0.75	0.875	81.3	10.4	−24.2	26.4	293.3	20.4	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
548	0.75	0.75	1.0	80.6	11.3	−29.5	31.6	291.0	19.1	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
549	0.75	0.875	0.0	86.3	−9.4	74.1	74.7	97.2	8.9	97	0.866	1.0	0.0	90.9	−10.7	75.7	76.5	98.0
550	0.75	0.875	0.125	83.8	−9.5	58.3	59.1	99.2	2.6	97	0.85	1.0	0.0	90.4	−11.3	75.4	76.3	98.5
551	0.75	0.875	0.25	82.9	−8.5	37.6	38.6	102.7	9.1	99	0.816	1.0	0.0	89.6	−12.4	74.8	75.9	99.4
552	0.75	0.875	0.375	82.9	−7.0	26.3	27.3	104.9	10.6	102	0.766	1.0	0.0	88.3	−14.2	73.9	75.3	100.8
553	0.75	0.875	0.5	84.1	−5.3	15.5	16.4	108.9	10.3	108	0.683	1.0	0.0	83.4	−20.5	66.8	69.9	107.0
554	0.75	0.875	0.625	84.5	−1.4	2.8	3.1	116.6	13.1	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
555	0.75	0.875	0.75	86.6	1.2	−10.0	10.1	277.0	17.0	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
556	0.75	0.875	0.875	87.0	5.4	−25.2	25.8	282.1	22.3	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
557	0.75	0.875	1.0	85.5	4.1	−29.0	29.3	278.0	16.7	240	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
558	0.75	1.0	0.0	87.9	−14.8	73.6	75.1	101.3	0.7	102	0.766	1.0	0.0	88.3	−14.2	73.9	75.3	100.8
559	0.75	1.0	0.125	87.3	−14.9	59.2	61.0	104.1	3.8	104	0.733	1.0	0.0	86.8	−16.3	72.0	73.8	102.7
560	0.75	1.0	0.25	87.1	−15.3	45.6	48.1	108.5	4.6	108	0.683	1.0	0.0	83.4	−20.5	66.8	69.9	107.0
561	0.75	1.0	0.375	85.7	−15.9	36.8	40.1	113.3	1.2	112	0.616	1.0	0.0	79.0	−25.2	60.0	65.1	112.7
562	0.75	1.0	0.5	85.2	−14.4	24.2	28.1	120.7	3.2	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
563	0.75	1.0	0.625	85.4	−10.1	8.2	13.0	140.9	9.7	131	0.316	1.0	0.0	65.0	−43.2	41.5	59.9	136.1
564	0.75	1.0	0.75	87.3	−4.6	−3.7	5.9	219.3	14.5	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
565	0.75	1.0	0.875	86.1	−0.9	−18.4	18.4	266.9	18.6	180	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
566	0.75	1.0	1.0	85.1	2.7	−29.5	29.7	275.2	19.7	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1

Mean color difference of this page: delta *E**' = *8.8*

1−0032530−F0

RE670−7N, Page 26/33−F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, Δ*E**'

input: *rgb/cmyk* −> *rgb*$_{d}$
output: transfer to *cmyk*$_{d}$

1−0032530−F0

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 27/33

n	HIC^*_{Fd}	rgb_{Fd}			ict_{Fd}			$h_{si\_F,d}$	rgb^*_{Fd}			$LabCh^*_{Fd}$					$rgb^{*\prime}_{Fd}$			$LabCh^{*\prime}_{Fd}$					$DE^{*\prime}_{Fd}$	$h_{siM,d}$	rgb^*_{Md}			$LabCh^*_{Md}$				
567	R00Y_087_087$_d$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	42.6	54.0	25.6	59.8	25.4	0.875	0.0	0.0	41.9	55.1	24.1	60.1	23.6	2.0	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
568	R36Y_087_087$_d$	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.116	42.7	53.3	20.7	57.1	21.2	0.875	0.0	0.125	41.4	55.1	17.8	57.9	17.9	3.6	382	1.0	0.0	0.133	45.9	60.9	23.7	65.3	21.2
569	R23Y_087_087$_d$	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.233	41.9	53.6	14.5	55.6	15.1	0.875	0.0	0.25	40.4	55.0	12.0	56.3	12.3	3.2	375	1.0	0.0	0.266	45.0	61.3	16.6	63.5	15.1
570	R08Y_087_087$_d$	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.364	41.6	55.0	8.0	55.6	8.3	0.875	0.0	0.375	40.3	56.7	5.1	56.9	5.1	3.6	365	1.0	0.0	0.416	44.6	62.9	9.2	63.6	8.3
571	B70R_087_087$_d$	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.51	41.8	57.3	0.5	57.3	0.5	0.875	0.0	0.5	40.5	58.2	−1.6	58.2	358.3	2.7	354	1.0	0.0	0.583	44.9	65.5	0.6	65.5	0.5
572	B63R_087_087$_d$	0.875	0.0	0.625	0.875	0.875	0.437	346	0.875	0.0	0.641	42.1	59.3	−6.5	59.7	353.7	0.875	0.0	0.625	40.1	60.7	−8.4	61.3	352.0	3.1	344	1.0	0.0	0.733	45.3	67.8	−7.4	68.2	353.7
573	B56R_087_087$_d$	0.875	0.0	0.75	0.875	0.875	0.437	338	0.875	0.0	0.758	42.8	61.6	−12.2	62.8	348.7	0.875	0.0	0.75	41.3	62.8	−15.6	64.7	346.0	3.8	337	1.0	0.0	0.866	46.1	70.4	−13.9	71.8	348.7
574	B50R_087_087$_d$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	43.4	61.9	−15.1	63.7	346.2	0.875	0.0	0.875	42.1	63.8	−19.3	66.7	343.1	4.8	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
575	B44R_100_100$_d$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	43.2	65.4	−21.0	68.7	342.1	0.875	0.0	1.0	43.0	65.0	−21.2	68.4	341.8	0.5	323	0.883	0.0	1.0	43.2	65.4	−21.0	68.7	342.1
576	R13Y_087_087$_d$	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.116	0.0	48.2	49.1	39.5	63.0	38.8	0.875	0.125	0.0	50.7	49.5	43.0	65.6	40.9	4.2	37	1.0	0.133	0.0	52.2	56.1	45.1	72.1	38.8
577	R00Y_087_075$_d$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	48.7	46.3	22.0	51.2	25.4	0.875	0.125	0.125	50.2	48.2	29.6	56.6	31.6	8.0	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
578	R35Y_087_075$_d$	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.237	48.6	45.7	17.1	48.8	20.5	0.875	0.125	0.25	48.9	50.2	19.4	53.8	21.1	5.0	382	1.0	0.0	0.15	45.8	60.9	22.8	65.1	20.5
579	R18Y_087_075$_d$	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.362	47.9	46.3	10.5	47.5	12.8	0.875	0.125	0.375	47.7	51.6	11.4	52.9	12.5	5.4	371	1.0	0.0	0.316	44.9	61.7	14.0	63.3	12.8
580	R00Y_087_075$_d$	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.5	47.6	48.3	4.0	48.5	4.7	0.875	0.125	0.5	46.8	55.6	4.0	55.8	4.1	7.3	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
581	B65R_087_075$_d$	0.875	0.125	0.625	0.875	0.75	0.5	349	0.875	0.125	0.637	48.2	50.2	−3.5	50.4	355.9	0.875	0.125	0.625	46.7	58.5	−5.6	58.7	354.5	8.6	348	1.0	0.0	0.683	45.2	67.0	−4.7	67.2	355.9
582	B57R_087_075$_d$	0.875	0.125	0.75	0.875	0.75	0.5	339	0.875	0.125	0.762	48.7	52.6	−9.8	53.5	349.3	0.875	0.125	0.75	47.8	61.3	−14.5	63.0	346.6	9.9	337	1.0	0.0	0.85	46.0	70.1	−13.1	71.3	349.3
583	B50R_087_075$_d$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	49.4	53.0	−12.9	54.6	346.2	0.875	0.125	0.875	48.2	61.7	−21.9	65.5	340.4	12.5	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
584	B43R_100_087$_d$	0.875	0.125	1.0	1.0	0.875	0.562	322	0.883	0.125	1.0	49.2	56.5	−18.8	59.6	341.6	0.875	0.125	1.0	47.9	59.5	−25.1	64.6	337.1	7.1	322	0.866	0.0	1.0	42.8	64.6	−21.4	68.1	341.6
585	R26Y_087_087$_d$	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.233	0.0	54.3	37.0	43.6	57.1	49.6	0.875	0.25	0.0	58.2	35.0	48.6	59.9	54.2	6.6	44	1.0	0.266	0.0	59.2	42.2	49.8	65.3	49.6
586	R15Y_087_075$_d$	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.237	0.125	54.1	40.7	34.4	53.3	40.1	0.875	0.25	0.125	57.2	34.8	35.2	49.5	45.2	6.6	37	1.0	0.15	0.0	53.1	54.3	45.9	71.1	40.1
587	R00Y_087_062$_d$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	54.7	38.6	18.3	42.7	25.4	0.875	0.25	0.25	56.9	35.9	21.4	41.8	30.8	4.6	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
588	R31Y_087_062$_d$	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.364	54.5	38.1	13.1	40.3	18.9	0.875	0.25	0.375	56.0	38.0	12.7	40.1	18.5	1.5	380	1.0	0.0	0.183	45.5	61.1	21.0	64.6	18.9
589	R11Y_087_062$_d$	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.489	54.0	38.9	6.6	39.4	9.7	0.875	0.25	0.5	55.8	40.3	4.4	40.6	6.3	3.1	367	1.0	0.0	0.383	44.7	62.2	10.7	63.1	9.7
590	B69R_087_062$_d$	0.875	0.25	0.625	0.875	0.625	0.562	353	0.875	0.25	0.635	54.2	41.1	−0.7	41.1	358.9	0.875	0.25	0.625	55.2	44.4	−4.6	44.6	353.9	5.1	352	1.0	0.0	0.616	45.0	65.8	−1.2	65.8	358.9
591	B59R_087_062$_d$	0.875	0.25	0.75	0.875	0.625	0.562	341	0.875	0.25	0.76	54.7	43.4	−7.2	44.0	350.5	0.875	0.25	0.75	56.2	46.6	−14.6	48.8	342.5	8.2	339	1.0	0.0	0.816	45.8	69.5	−11.5	70.4	350.5
592	B50R_087_062$_d$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	55.3	44.2	−10.8	45.5	346.2	0.875	0.25	0.875	56.9	50.2	−22.5	55.0	335.7	13.3	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
593	B42R_100_075$_d$	0.875	0.25	1.0	1.0	0.75	0.625	321	0.887	0.25	1.0	55.4	47.9	−16.4	50.7	341.1	0.875	0.25	1.0	55.8	52.4	−25.5	58.3	334.0	10.1	322	0.85	0.0	1.0	42.5	63.9	−21.8	67.6	341.1
594	R41Y_087_087$_d$	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.364	0.0	60.3	26.7	48.1	55.1	60.9	0.875	0.375	0.0	63.8	26.3	53.8	59.9	63.9	6.7	54	1.0	0.416	0.0	66.0	30.5	55.0	62.9	60.9
595	R31Y_087_075$_d$	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.362	0.125	60.4	28.7	38.7	48.2	53.4	0.875	0.375	0.125	62.3	25.7	38.1	46.0	55.9	3.4	48	1.0	0.316	0.0	61.6	38.2	51.6	64.3	53.4
596	R18Y_087_062$_d$	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.364	0.25	60.4	31.7	29.5	43.3	42.9	0.875	0.375	0.25	62.0	26.9	24.0	36.0	41.7	7.5	39	1.0	0.183	0.0	54.9	50.7	47.2	69.3	42.9
597	R00Y_087_050$_d$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	60.8	30.8	14.6	34.1	25.4	0.875	0.375	0.375	61.4	29.0	14.8	32.6	27.0	1.9	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
598	R26Y_087_050$_d$	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.491	60.4	30.5	9.1	31.9	16.7	0.875	0.375	0.5	61.9	31.0	5.7	31.5	10.4	3.8	377	1.0	0.0	0.233	45.2	61.1	18.3	63.8	16.7
599	R00Y_087_050$_d$	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.625	60.0	32.2	2.6	32.3	4.7	0.875	0.375	0.625	61.7	33.5	−2.9	33.6	354.9	6.0	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
600	B61R_087_050$_d$	0.875	0.375	0.75	0.875	0.5	0.625	344	0.875	0.375	0.758	60.6	34.2	−4.5	34.5	352.4	0.875	0.375	0.75	62.1	38.8	−14.5	41.4	339.4	11.1	342	1.0	0.0	0.766	45.5	68.4	−9.1	69.0	352.4
601	B50R_087_050$_d$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	61.2	35.3	−8.6	36.4	346.2	0.875	0.375	0.875	63.2	41.9	−23.0	47.9	331.1	16.0	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
602	B40R_100_062$_d$	0.875	0.375	1.0	1.0	0.625	0.687	319	0.885	0.375	1.0	61.5	39.0	−14.1	41.5	340.0	0.875	0.375	1.0	62.1	43.9	−26.8	51.4	328.5	13.6	320	0.816	0.0	1.0	41.8	62.5	−22.6	66.5	340.0
603	R58Y_087_087$_d$	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.51	0.0	65.8	17.3	53.1	55.8	71.9	0.875	0.5	0.0	67.5	17.5	56.5	59.2	72.7	3.8	65	1.0	0.583	0.0	72.3	19.7	60.7	63.8	71.9
604	R50Y_087_075$_d$	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.5	0.125	66.4	18.2	43.4	47.1	67.1	0.875	0.5	0.125	68.1	17.9	42.0	45.6	66.8	2.1	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
605	R38Y_087_062$_d$	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.489	0.25	66.4	20.5	33.5	39.4	58.5	0.875	0.5	0.25	67.5	18.4	25.5	31.5	54.2	8.3	52	1.0	0.383	0.0	64.6	32.9	53.7	63.0	58.5
606	R23Y_087_050$_d$	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.491	0.375	66.6	22.7	24.3	33.3	47.0	0.875	0.5	0.375	67.2	20.0	16.4	25.9	39.3	8.3	42	1.0	0.233	0.0	57.6	45.4	48.7	66.6	47.0
607	R00Y_087_037$_d$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	66.8	23.1	11.0	25.6	25.4	0.875	0.5	0.5	67.7	22.2	7.4	23.4	18.4	3.7	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
608	R18Y_087_037$_d$	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.618	66.4	23.1	5.2	23.7	12.8	0.875	0.5	0.625	68.1	25.1	−2.2	25.2	354.9	7.9	371	1.0	0.0	0.316	44.9	61.7	14.0	63.3	12.8
609	B65R_087_037$_d$	0.875	0.5	0.75	0.875	0.375	0.687	349	0.875	0.5	0.756	66.6	25.1	−1.7	25.2	355.9	0.875	0.5	0.75	68.1	29.7	−12.9	32.4	336.5	12.1	348	1.0	0.0	0.683	45.2	67.0	−4.7	67.2	355.9
610	B50R_087_037$_d$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	67.2	26.5	−6.4	27.3	346.2	0.875	0.5	0.875	69.4	33.6	−22.4	40.5	326.2	17.6	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
611	B38R_100_050$_d$	0.875	0.5	1.0	1.0	0.5	0.75	316	0.883	0.5	1.0	67.5	30.2	−11.8	32.4	338.5	0.875	0.5	1.0	70.0	36.8	−25.3	44.7	325.4	15.2	317	0.766	0.0	1.0	40.8	60.4	−23.7	64.9	338.5
612	R73Y_087_087$_d$	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.641	0.0	72.2	6.9	54.4	54.8	82.7	0.875	0.625	0.0	74.7	9.5	62.8	63.5	81.3	9.1	75	1.0	0.733	0.0	79.6	7.9	62.1	62.7	82.7
613	R68Y_087_075$_d$	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.637	0.125	72.0	9.2	46.7	47.6	78.8	0.875	0.625	0.125	73.9	9.7	51.0	51.9	79.1	4.7	71	1.0	0.683	0.0	76.9	12.2	62.2	63.4	78.8
614	R61Y_087_062$_d$	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.635	0.25	72.0	11.1	38.5	40.1	73.8	0.875	0.625	0.25	73.4	10.9	29.9	31.9	69.8	8.7	67	1.0	0.616	0.0	73.4	17.8	61.7	64.2	73.8
615	R50Y_087_050$_d$	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.625	0.375	72.6	12.1	28.9	31.4	67.1	0.875	0.625	0.375	73.3	12.6	20.8	24.3	58.7	8.1	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
616	R31Y_087_037$_d$	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.618	0.5	72.7	14.3	19.3	24.1	53.4	0.875	0.625	0.5	74.0	14.0	10.3	17.5	36.3	9.0	48	1.0	0.316	0.0	61.6	38.2	51.6	64.3	53.4
617	R00Y_087_025$_d$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	72.9	15.4	7.3	17.0	25.4	0.875	0.625	0.625	73.6	16.9	−0.3	16.9	358.6	7.9	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
618	R00Y_087_025$_d$	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.75	72.5	16.1	1.3	16.1	4.7	0.875	0.625	0.75	74.2	21.3	−12.3	24.6	329.9	14.7	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
619	B50R_087_025$_d$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	73.1	17.6	−4.3	18.2	346.2	0.875	0.625	0.875	76.4	25.7	−21.6	33.6	320.0	19.3	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
620	B34R_100_037$_d$	0.875	0.625	1.0	1.0	0.375	0.812	311	0.881	0.625	1.0	73.6	21.4	−10.1	23.7	334.6	0.875	0.625	1.0	76.9	30.0	−24.6	38.9	320.6	17.2	311	0.683	0.0	1.0	39.3	57.1	−27.0	63.2	334.6
621	R86Y_087_087$_d$	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.758	0.0	76.3	1.1	50.4	50.4	88.6	0.875	0.75	0.0	82.5	2.3	70.7	70.7	88.0	21.2	82	1.0	0.866	0.0	84.3	1.3	57.6	57.6	88.6
622	R85Y_087_075$_d$	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.762	0.125	77.1	1.5	43.7	43.7	87.9	0.875	0.75	0.125	80.5	1.8	56.9	56.9	88.1	13.6	81	1.0	0.85	0.0	83.8	2.0	58.3	58.3	87.9
623	R81Y_087_062$_d$	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.76	0.25	77.8	2.1	37.2	37.3	86.6	0.875	0.75	0.25	80.4	3.6	37.0	37.2	84.3	3.0	80	1.0	0.816	0.0	82.7	3.4	59.6	59.7	86.6
624	R76Y_087_050$_d$	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.758	0.375	78.4	2.8	30.7	30.8	84.6	0.875	0.75	0.375	80.2	5.1	26.7	27.2	79.0	4.9	77	1.0	0.766	0.0	81.1	5.7	61.4	61.7	84.6
625	R68Y_087_037$_d$	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.756	0.5	78.5	4.6	23.3	23.8	78.8	0.875	0.75	0.5	80.6	6.9	15.0	16.5	65.2	8.8	71	1.0	0.683	0.0	76.9	12.2	62.2	63.4	78.8
626	R50Y_087_025$_d$	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.75	0.625	78.8	6.0	14.4	15.7	67.1	0.875	0.75	0.625	80.6	10.4	3.3	10.9	18.0	12.0	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
627	R00Y_087_012$_d$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	78.9	7.7	3.6	8.5	25.4	0.875	0.75	0.75	81.4	12.7	−10.0	16.1	321.7	14.7	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
628	B50R_087_012$_d$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	79.0	8.8	−2.1	9.1	346.2	0.875	0.75	0.875	83.6	16.7	−20.9	26.7	308.6	20.8	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
629	B25R_100_025$_d$	0.875	0.75	1.0	1.0	0.25	0.875	300	0.875	0.75	1.0	79.5	12.5	−8.1	14.9	326.8	0.875	0.75	1.0	84.3	19.6	−24.5	31.3	308.6	18.4	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
630	Y00G_087_087$_d$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	80.8	−6.2	58.0	58.3	96.1	0.875	0.875	0.0	87.8	−5.5	75.2	75.4	94.2	18.5	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
631	Y00G_087_075$_d$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	81.4	−5.3	49.7	50.0	96.1	0.875	0.875	0.125	86.6	−5.1	61.3	61.5	94.7	12.7	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
632	Y00G_087_062$_d$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	82.0	−4.4	41.4	41.7	96.1	0.875	0.875	0.25	86.2	−3.3	44.2	44.3	94.3	5.2	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
633	Y00G_087_050$_d$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	82.6	−3.5	33.1	33.3	96.1	0.875	0.875	0.375	85.6	−2.0	31.8	31.8	93.7	3.6	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
634	Y00G_087_037$_d$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	83.2	−2.6	24.8	25.0	96.1	0.875	0.875	0.5	86.9	0.1	20.4	20.4	89.6	6.4	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
635	Y00G_087_025$_d$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	83.7	−1.7	16.5	16.6	96.1	0.875	0.875	0.625	87.6	2.4	7.5	7.9	71.9	10.6	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
636	Y00G_087_012$_d$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	84.3	−0.8	8.2	8.3	96.1	0.875	0.875	0.75	88.1	5.0	−5.2	7.3	313.8	15.2	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
637	NW_087$_d$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	88.8	10.1	−18.2	20.9	299.1	21.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
638	B00R_100_012$_d$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	86.5	3.2	−5.5	6.4	299.9	0.875	0.875	1.0	90.1	11.7	−23.4	26.1	296.6	20.1	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
639	Y11G_100_100$_d$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	91.0	−10.1	75.2	75.9	97.6	0.875	1.0	0.0	91.1	−10.3	75.8	76.5	97.8	0.6	96	0.883	1.0	0.0	91.0	−10.1	75.2	75.9	97.6
640	Y13G_100_087$_d$	0.875	1.0	0.125	1.0	0.875	0.562	98	0.883	1.0	0.125	91.3	−9.3	66.2	66.9	98.0	0.875	1.0	0.125	89.9	−9.6	65.5	66.2	98.3	1.5	97	0.866	1.0	0.0	90.9	−10.7	75.7	76.5	98.0
641	Y15G_100_075$_d$	0.875	1.0	0.25	1.0	0.75	0.625	99	0.887	1.0	0.25	91.4	−8.4	56.5	57.2	98.5	0.875	1.0	0.25	88.8	−8.2	46.7	47.4	100.0	10.1	97	0.85	1.0	0.0	90.4	−11.3	75.4	76.3	98.5
642	Y18G_100_062$_d$	0.875	1.0	0.375	1.0	0.625	0.687	101	0.885	1.0	0.375	91.3	−7.8	46.8	47.4	99.4	0.875	1.0	0.375	89.4	−7.9	37.1	37.9	102.0	9.8	99	0.816	1.0	0.0	89.6	−12.4	74.8	75.9	99.4
643	Y23G_100_050$_d$	0.875	1.0	0.5	1.0	0.5	0.75	104	0.883	1.0	0.5	91.3	−7.1	36.9	37.6	100.8	0.875	1.0	0.5	90.1	−7.0	26.9	27.8	104.6	10.1	102	0.766	1.0	0.0	88.3	−14.2	73.9	75.3	100.8
644	Y31G_100_037$_d$	0.875	1.0	0.625	1.0	0.375	0.812	109	0.881	1.0	0.625	90.2	−7.7	25.0	26.2	107.0	0.875	1.0	0.625	90.8	−5.5	16.8	17.7	108.2	8.5	108	0.683	1.0	0.0	83.4	−20.5	66.8	69.9	107.0
645	Y50G_100_025$_d$	0.875	1.0	0.75	1.0	0.25	0.875	120	0.875	1.0	0.75	88.8	−8.2	12.9	15.3	122.3	0.875	1.0	0.75	91.3	−1.3	2.0	2.4	122.0	13.1	119	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
646	G00B_100_012$_d$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	89.2	−7.4	3.0	8.0	157.6	0.875	1.0	0.875	91.7	3.9	−12.9	13.5	286.9	19.7	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
647	G50B_100_012$_d$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	89.0	−2.8	−5.8	6.5	244.1	0.875	1.0	1.0	90.9	7.4	−23.8	24.9	287.2	20.7	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1

Mean color difference of this page: **delta** $E^{*\prime}$ = ***9.0***

1−0032630−F0

RE670−7N, Page 27/33−F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E^{*\prime}$

input: *rgb/cmyk* −> rgb_d
output: transfer to $cmyk_d$

1−0032630−F0

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 28/33

n	HIC*$_{\mathrm{Fd}}$	rgb$_{\mathrm{\_Fd}}$			ict$_{\mathrm{\_Fd}}$			$h_{\mathrm{si\_F,d}}$	rgb*$_{\mathrm{Fd}}$			LabCh*$_{\mathrm{Fd}}$					rgb*'$_{\mathrm{Fd}}$			LabCh*'$_{\mathrm{Fd}}$					DE*'$_{\mathrm{Fd}}$	$h_{\mathrm{siM,d}}$	rgb*$_{\mathrm{Md}}$			LabCh*$_{\mathrm{Md}}$				
648	R00Y_100_100$_d$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4	0.0	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
649	R38Y_100_100$_d$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	46.0	60.9	24.4	65.6	21.8	1.0	0.0	0.125	46.0	60.8	24.1	65.4	21.6	0.3	383	1.0	0.0	0.116	46.0	60.9	24.4	65.6	21.8
650	R26Y_100_100$_d$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	45.2	61.1	18.3	63.8	16.7	1.0	0.0	0.25	45.0	61.1	17.4	63.6	15.9	0.8	377	1.0	0.0	0.233	45.2	61.1	18.3	63.8	16.7
651	R13Y_100_100$_d$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	44.8	62.0	11.5	63.1	10.5	1.0	0.0	0.375	44.8	62.0	11.0	63.0	10.1	0.4	368	1.0	0.0	0.366	44.8	62.0	11.5	63.1	10.5
652	R00Y_100_100$_d$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7	0.0	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
653	B68R_100_100$_d$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	45.1	66.1	−2.1	66.1	358.1	1.0	0.0	0.625	45.1	65.9	−1.7	65.9	358.5	0.4	351	1.0	0.0	0.633	45.1	66.1	−2.1	66.1	358.1
654	B61R_100_100$_d$	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	45.5	68.4	−9.1	69.0	352.4	1.0	0.0	0.75	45.3	68.1	−8.3	68.6	353.0	0.8	342	1.0	0.0	0.766	45.5	68.4	−9.1	69.0	352.4
655	B55R_100_100$_d$	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	46.2	70.6	−14.6	72.1	348.3	1.0	0.0	0.875	46.1	70.6	−14.4	72.0	348.4	0.1	336	1.0	0.0	0.883	46.2	70.6	−14.6	72.1	348.3
656	B50R_100_100$_d$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2	0.0	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
657	R11Y_100_100$_d$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	51.4	57.5	43.7	72.2	37.2	1.0	0.125	0.0	51.8	57.0	44.8	72.5	38.1	1.1	36	1.0	0.116	0.0	51.4	57.5	43.7	72.2	37.2
658	R00Y_100_087$_d$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	51.9	54.0	25.6	59.8	25.4	1.0	0.125	0.125	51.1	58.9	37.2	69.7	32.2	12.6	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
659	R36Y_100_087$_d$	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.241	51.9	53.3	20.7	57.1	21.2	1.0	0.125	0.25	50.1	62.0	26.3	67.4	23.0	10.5	382	1.0	0.0	0.133	45.9	60.9	23.7	65.3	21.2
660	R23Y_100_087$_d$	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.358	51.1	53.6	14.5	55.6	15.1	1.0	0.125	0.375	49.3	64.8	17.2	67.1	14.9	11.6	375	1.0	0.0	0.266	45.0	61.3	16.6	63.5	15.1
661	R08Y_100_087$_d$	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.489	50.8	55.0	8.0	55.6	8.3	1.0	0.125	0.5	48.9	67.3	10.2	68.1	8.6	12.6	365	1.0	0.0	0.416	44.6	62.9	9.2	63.6	8.3
662	B70R_100_087$_d$	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.635	51.0	57.3	0.5	57.3	0.5	1.0	0.125	0.625	48.0	70.8	0.7	70.8	0.6	13.7	354	1.0	0.0	0.583	44.9	65.5	0.6	65.5	0.5
663	B63R_100_087$_d$	1.0	0.125	0.75	1.0	0.875	0.562	346	1.0	0.125	0.766	51.4	59.3	−6.5	59.7	353.7	1.0	0.125	0.75	48.9	72.0	−7.9	72.4	353.7	12.9	344	1.0	0.0	0.733	45.3	67.8	−7.4	68.2	353.7
664	B56R_100_087$_d$	1.0	0.125	0.875	1.0	0.875	0.562	338	1.0	0.125	0.883	52.1	61.6	−12.2	62.8	348.7	1.0	0.125	0.875	49.6	73.3	−15.3	74.9	348.2	12.3	337	1.0	0.0	0.866	46.1	70.4	−13.9	71.8	348.7
665	B50R_100_087$_d$	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	52.7	61.9	−15.1	63.7	346.2	1.0	0.125	1.0	51.0	69.1	−18.2	71.5	345.2	8.0	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
666	R23Y_100_100$_d$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	57.6	45.4	48.7	66.6	47.0	1.0	0.25	0.0	58.5	43.6	49.1	65.7	48.4	2.0	42	1.0	0.233	0.0	57.6	45.4	48.7	66.6	47.0
667	R13Y_100_087$_d$	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.241	0.125	57.5	49.1	39.5	63.0	38.8	1.0	0.25	0.125	58.0	45.2	42.0	61.8	42.9	4.6	37	1.0	0.133	0.0	52.2	56.1	45.1	72.1	38.8
668	R00Y_100_075$_d$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	57.9	46.3	22.0	51.2	25.4	1.0	0.25	0.25	57.6	47.4	32.0	57.2	34.0	10.0	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
669	R35Y_100_075$_d$	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.362	57.9	45.7	17.1	48.8	20.5	1.0	0.25	0.375	56.0	52.1	20.8	56.1	21.7	7.6	382	1.0	0.0	0.15	45.8	60.9	22.8	65.1	20.5
670	R18Y_100_075$_d$	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.487	57.2	46.3	10.5	47.5	12.8	1.0	0.25	0.5	55.5	55.0	12.2	56.3	12.5	9.0	371	1.0	0.0	0.316	44.9	61.7	14.0	63.3	12.8
671	R00Y_100_075$_d$	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.625	56.9	48.3	4.0	48.5	4.7	1.0	0.25	0.625	55.3	58.3	1.9	58.4	1.9	10.3	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
672	B65R_100_075$_d$	1.0	0.25	0.75	1.0	0.75	0.625	349	1.0	0.25	0.762	57.5	50.2	−3.5	50.4	355.9	1.0	0.25	0.75	56.2	60.6	−9.2	61.3	351.3	11.8	348	1.0	0.0	0.683	45.2	67.0	−4.7	67.2	355.9
673	B57R_100_075$_d$	1.0	0.25	0.875	1.0	0.75	0.625	339	1.0	0.25	0.887	58.0	52.6	−9.8	53.5	349.3	1.0	0.25	0.875	58.1	61.6	−19.1	64.5	342.7	12.9	337	1.0	0.0	0.85	46.0	70.1	−13.1	71.3	349.3
674	B50R_100_075$_d$	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	58.6	53.0	−12.9	54.6	346.2	1.0	0.25	1.0	59.7	58.1	−21.3	61.9	339.8	9.8	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
675	R36Y_100_100$_d$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	63.9	34.2	53.1	63.2	57.2	1.0	0.375	0.0	64.3	33.5	53.4	63.0	57.8	0.8	51	1.0	0.366	0.0	63.9	34.2	53.1	63.2	57.2
676	R26Y_100_087$_d$	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.358	0.125	63.6	37.0	43.6	57.1	49.6	1.0	0.375	0.125	64.1	34.8	44.6	56.6	52.0	2.4	44	1.0	0.266	0.0	59.2	42.2	49.8	65.3	49.6
677	R15Y_100_075$_d$	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.362	0.25	63.4	40.7	34.4	53.3	40.1	1.0	0.375	0.25	63.4	37.2	34.7	50.9	43.0	3.5	37	1.0	0.15	0.0	53.1	54.3	45.9	71.1	40.1
678	R00Y_100_062$_d$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	64.0	38.6	18.3	42.7	25.4	1.0	0.375	0.375	63.3	39.8	22.5	45.7	29.5	4.4	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
679	R31Y_100_062$_d$	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.489	63.8	38.1	13.1	40.3	18.9	1.0	0.375	0.5	63.0	42.8	13.0	44.7	16.8	4.7	380	1.0	0.0	0.183	45.5	61.1	21.0	64.6	18.9
680	R11Y_100_062$_d$	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.614	63.3	38.9	6.6	39.4	9.7	1.0	0.375	0.625	62.6	46.3	2.7	46.4	3.3	8.4	367	1.0	0.0	0.383	44.7	62.2	10.7	63.1	9.7
681	B69R_100_062$_d$	1.0	0.375	0.75	1.0	0.625	0.687	353	1.0	0.375	0.76	63.5	41.1	−0.7	41.1	358.9	1.0	0.375	0.75	64.3	47.3	−8.3	48.1	349.9	9.8	352	1.0	0.0	0.616	45.0	65.8	−1.2	65.8	358.9
682	B59R_100_062$_d$	1.0	0.375	0.875	1.0	0.625	0.687	341	1.0	0.375	0.885	63.9	43.4	−7.2	44.0	350.5	1.0	0.375	0.875	65.6	49.8	−18.7	53.2	339.3	13.3	339	1.0	0.0	0.816	45.8	69.5	−11.5	70.4	350.5
683	B50R_100_062$_d$	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	64.6	44.2	−10.8	45.5	346.2	1.0	0.375	1.0	67.3	49.0	−22.2	53.9	335.6	12.7	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
684	R50Y_100_100$_d$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1	0.0	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
685	R41Y_100_087$_d$	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.489	0.125	69.5	26.7	48.1	55.1	60.9	1.0	0.5	0.125	69.8	24.3	49.9	55.5	64.0	3.0	54	1.0	0.416	0.0	66.0	30.5	55.0	62.9	60.9
686	R31Y_100_075$_d$	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.487	0.25	69.7	28.7	38.7	48.2	53.4	1.0	0.5	0.25	69.8	26.5	35.7	44.5	53.3	3.7	48	1.0	0.316	0.0	61.6	38.2	51.6	64.3	53.4
687	R18Y_100_062$_d$	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.489	0.375	69.6	31.7	29.5	43.3	42.9	1.0	0.5	0.375	69.5	29.1	25.0	38.4	40.7	5.1	39	1.0	0.183	0.0	54.9	50.7	47.2	69.3	42.9
688	R00Y_100_050$_d$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	70.0	30.8	14.6	34.1	25.4	1.0	0.5	0.5	70.2	30.6	15.2	34.2	26.5	0.6	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
689	R26Y_100_050$_d$	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.616	69.7	30.5	9.1	31.9	16.7	1.0	0.5	0.625	70.6	33.6	3.6	33.8	6.2	6.3	377	1.0	0.0	0.233	45.2	61.1	18.3	63.8	16.7
690	R00Y_100_050$_d$	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.75	69.3	32.2	2.6	32.3	4.7	1.0	0.5	0.75	70.9	37.6	−8.3	38.5	347.4	12.3	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
691	B61R_100_050$_d$	1.0	0.5	0.875	1.0	0.5	0.75	344	1.0	0.5	0.883	69.8	34.2	−4.5	34.5	352.4	1.0	0.5	0.875	71.5	41.1	−18.8	45.2	335.4	15.9	342	1.0	0.0	0.766	45.5	68.4	−9.1	69.0	352.4
692	B50R_100_050$_d$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	70.5	35.3	−8.6	36.4	346.2	1.0	0.5	1.0	72.3	41.0	−22.1	46.6	331.6	14.7	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
693	R63Y_100_100$_d$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	74.2	16.6	62.0	64.2	74.9	1.0	0.625	0.0	73.7	17.3	61.9	64.3	74.3	0.8	68	1.0	0.633	0.0	74.2	16.6	62.0	64.2	74.9
694	R58Y_100_087$_d$	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.635	0.125	75.1	17.3	53.1	55.8	71.9	1.0	0.625	0.125	75.2	15.7	52.8	55.1	73.3	1.5	65	1.0	0.583	0.0	72.3	19.7	60.7	63.8	71.9
695	R50Y_100_075$_d$	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.625	0.25	75.7	18.2	43.4	47.1	67.1	1.0	0.625	0.25	75.3	17.5	39.9	43.6	66.2	3.5	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
696	R38Y_100_062$_d$	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.614	0.375	75.7	20.5	33.5	39.4	58.5	1.0	0.625	0.375	75.2	19.9	27.7	34.2	54.2	5.8	52	1.0	0.383	0.0	64.6	32.9	53.7	63.0	58.5
697	R23Y_100_050$_d$	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.616	0.5	75.9	22.7	24.3	33.3	47.0	1.0	0.625	0.5	76.1	21.0	16.9	27.0	38.8	7.6	42	1.0	0.233	0.0	57.6	45.4	48.7	66.6	47.0
698	R00Y_100_037$_d$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	76.1	23.1	11.0	25.6	25.4	1.0	0.625	0.625	76.9	24.0	4.5	24.4	10.7	6.5	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
699	R18Y_100_037$_d$	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.743	75.7	23.1	5.2	23.7	12.8	1.0	0.625	0.75	77.8	27.5	−8.0	28.7	343.7	14.1	371	1.0	0.0	0.316	44.9	61.7	14.0	63.3	12.8
700	B65R_100_037$_d$	1.0	0.625	0.875	1.0	0.375	0.812	349	1.0	0.625	0.881	75.8	25.1	−1.7	25.2	355.9	1.0	0.625	0.875	78.6	31.2	−19.0	36.6	328.6	18.5	348	1.0	0.0	0.683	45.2	67.0	−4.7	67.2	355.9
701	B50R_100_037$_d$	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	76.4	26.5	−6.4	27.3	346.2	1.0	0.625	1.0	78.7	32.4	−22.2	39.3	325.5	17.0	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
702	R76Y_100_100$_d$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	81.1	5.7	61.4	61.7	84.6	1.0	0.75	0.0	80.6	6.5	62.0	62.4	83.9	1.1	77	1.0	0.766	0.0	81.1	5.7	61.4	61.7	84.6
703	R73Y_100_087$_d$	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.766	0.125	81.5	6.9	54.4	54.8	82.7	1.0	0.75	0.125	80.7	7.9	48.9	49.5	80.8	5.6	75	1.0	0.733	0.0	79.6	7.9	62.1	62.7	82.7
704	R68Y_100_075$_d$	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.762	0.25	81.2	9.2	46.7	47.6	78.8	1.0	0.75	0.25	80.8	9.0	39.3	40.3	77.0	7.4	71	1.0	0.683	0.0	76.9	12.2	62.2	63.4	78.8
705	R61Y_100_062$_d$	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.76	0.375	81.2	11.1	38.5	40.1	73.8	1.0	0.75	0.375	80.8	11.0	31.5	33.3	70.6	7.0	67	1.0	0.616	0.0	73.4	17.8	61.7	64.2	73.8
706	R50Y_100_050$_d$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	81.9	12.1	28.9	31.4	67.1	1.0	0.75	0.5	81.7	11.9	22.3	25.3	61.9	6.6	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
707	R31Y_100_037$_d$	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.743	0.625	82.0	14.3	19.3	24.1	53.4	1.0	0.75	0.625	82.3	14.8	9.1	17.4	31.5	10.2	48	1.0	0.316	0.0	61.6	38.2	51.6	64.3	53.4
708	R00Y_100_025$_d$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	82.1	15.4	7.3	17.0	25.4	1.0	0.75	0.75	84.8	16.9	−5.4	17.7	342.2	13.1	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
709	R00Y_100_025$_d$	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.875	81.8	16.1	1.3	16.1	4.7	1.0	0.75	0.875	84.4	22.5	−17.1	28.3	322.6	19.7	360	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7
710	B50R_100_025$_d$	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	82.4	17.6	−4.3	18.2	346.2	1.0	0.75	1.0	85.6	23.1	−22.0	31.9	316.3	18.7	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
711	R88Y_100_100$_d$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	84.9	0.5	57.9	57.9	89.4	1.0	0.875	0.0	84.6	1.0	57.3	57.3	88.9	0.8	83	1.0	0.883	0.0	84.9	0.5	57.9	57.9	89.4
712	R86Y_100_087$_d$	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.883	0.125	85.6	1.1	50.4	50.4	88.6	1.0	0.875	0.125	85.4	0.9	51.0	51.0	88.9	0.6	82	1.0	0.866	0.0	84.3	1.3	57.6	57.6	88.6
713	R85Y_100_075$_d$	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.887	0.25	86.4	1.5	43.7	43.7	87.9	1.0	0.875	0.25	85.4	2.5	41.0	41.1	86.4	3.0	81	1.0	0.85	0.0	83.8	2.0	58.3	58.3	87.9
714	R81Y_100_062$_d$	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.885	0.375	87.0	2.1	37.2	37.3	86.6	1.0	0.875	0.375	85.5	4.2	32.0	32.3	82.4	5.7	80	1.0	0.816	0.0	82.7	3.4	59.6	59.7	86.6
715	R76Y_100_050$_d$	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.883	0.5	87.7	2.8	30.7	30.8	84.6	1.0	0.875	0.5	86.2	5.4	23.4	24.0	76.9	7.8	77	1.0	0.766	0.0	81.1	5.7	61.4	61.7	84.6
716	R68Y_100_037$_d$	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.881	0.625	87.7	4.6	23.3	23.8	78.8	1.0	0.875	0.625	86.9	7.3	13.2	15.1	61.1	10.4	71	1.0	0.683	0.0	76.9	12.2	62.2	63.4	78.8
717	R50Y_100_025$_d$	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.875	0.75	88.0	6.0	14.4	15.7	67.1	1.0	0.875	0.75	90.2	7.2	0.2	7.2	2.2	14.3	59	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
718	R00Y_100_012$_d$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	88.2	7.7	3.6	8.5	25.4	1.0	0.875	0.875	90.5	12.2	−12.2	17.3	315.0	16.6	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
719	B50R_100_012$_d$	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	88.3	8.8	−2.1	9.1	346.2	1.0	0.875	1.0	91.5	15.0	−21.0	25.9	305.4	20.1	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
720	Y00G_100_100$_d$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1	0.0	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
721	Y00G_100_087$_d$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	90.0	−6.2	58.0	58.3	96.1	1.0	1.0	0.125	89.8	−6.5	58.5	58.8	96.3	0.6	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
722	Y00G_100_075$_d$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	90.6	−5.3	49.7	50.0	96.1	1.0	1.0	0.25	89.8	−4.4	45.5	45.7	95.6	4.3	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
723	Y00G_100_062$_d$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	91.2	−4.4	41.4	41.7	96.1	1.0	1.0	0.375	91.0	−4.4	36.6	36.9	96.9	4.8	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
724	Y00G_100_050$_d$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	91.8	−3.5	33.1	33.3	96.1	1.0	1.0	0.5	91.5	−2.9	27.0	27.2	96.3	6.1	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
725	Y00G_100_037$_d$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	92.4	−2.6	24.8	25.0	96.1	1.0	1.0	0.625	92.1	−1.0	16.8	16.8	93.4	8.2	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
726	Y00G_100_025$_d$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	93.0	−1.7	16.5	16.6	96.1	1.0	1.0	0.75	93.6	0.8	6.3	6.4	82.6	10.5	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
727	Y00G_100_012$_d$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	93.6	−0.8	8.2	8.3	96.1	1.0	1.0	0.875	93.8	5.0	−5.9	7.7	310.4	15.4	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
728	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta *E**' =** ***7.3***

1−0032730−F0

RE670−7N, Page 28/33−F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E^{*\prime}$

input: *rgb/cmyk* −> *rgb*$_{\mathrm{d}}$
output: transfer to *cmyk*$_{\mathrm{d}}$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−0032730−F0

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 29/33

n	HIC*$_{Fd}$	*rgb*_$_{Fd}$			*ict*_$_{Fd}$			*h*$_{si\_F,d}$	*rgb**$_{Fd}$			*LabCh**$_{Fd}$					*rgb**'$_{Fd}$			*LabCh**'$_{Fd}$					*DE**'$_{Fd}$	*h*$_{siM,d}$	*rgb**$_{Md}$			*LabCh**$_{Md}$				
729	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.4	0.1	−0.1	0.1	305.9	0.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
730	G50B_100_012$_d$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	89.0	−2.8	−5.8	6.5	244.1	0.875	1.0	1.0	90.9	7.3	−24.1	25.2	286.9	20.9	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
731	G50B_100_025$_d$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	83.7	−5.7	−11.7	13.0	244.1	0.75	1.0	1.0	85.2	2.7	−29.9	30.0	275.2	20.0	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
732	G50B_100_037$_d$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	78.4	−8.5	−17.6	19.6	244.1	0.625	1.0	1.0	80.3	−1.0	−34.3	34.3	268.3	18.4	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
733	G50B_100_050$_d$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	73.1	−11.4	−23.5	26.1	244.1	0.5	1.0	1.0	74.3	−5.4	−39.1	39.5	262.1	16.7	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
734	G50B_100_062$_d$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	67.9	−14.2	−29.3	32.6	244.1	0.375	1.0	1.0	68.6	−9.7	−41.7	42.8	256.9	13.2	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
735	G50B_100_075$_d$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	62.6	−17.1	−35.2	39.2	244.1	0.25	1.0	1.0	60.5	−16.9	−44.5	47.6	249.2	9.4	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
736	G50B_100_087$_d$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	57.3	−19.9	−41.1	45.7	244.1	0.125	1.0	1.0	54.7	−21.4	−46.1	50.9	245.1	5.8	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
737	G50B_100_100$_d$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1	0.0	1.0	1.0	51.2	−22.7	−48.3	53.4	244.8	1.5	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
738	R00Y_100_012$_d$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	88.2	7.7	3.6	8.5	25.4	1.0	0.875	0.875	90.5	12.9	−13.4	18.6	313.9	18.0	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
739	NW_087$_d$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.2	10.2	−18.5	21.1	299.0	21.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
740	G50B_087_012$_d$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	79.7	−2.8	−5.8	6.5	244.1	0.75	0.875	0.875	87.0	4.9	−25.5	26.0	280.9	22.4	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
741	G50B_087_025$_d$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	74.4	−5.7	−11.7	13.0	244.1	0.625	0.875	0.875	81.5	−0.1	−31.2	31.2	269.7	21.5	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
742	G50B_087_037$_d$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	69.1	−8.5	−17.6	19.6	244.1	0.5	0.875	0.875	75.6	−5.2	−35.7	36.0	261.7	19.4	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
743	G50B_087_050$_d$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	63.9	−11.4	−23.5	26.1	244.1	0.375	0.875	0.875	69.4	−9.5	−40.2	41.3	256.6	17.7	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
744	G50B_087_062$_d$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	58.6	−14.2	−29.3	32.6	244.1	0.25	0.875	0.875	64.3	−13.9	−41.5	43.8	251.4	13.4	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
745	G50B_087_075$_d$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	53.3	−17.1	−35.2	39.2	244.1	0.125	0.875	0.875	57.9	−20.9	−42.4	47.3	243.7	9.3	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
746	G50B_087_087$_d$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	48.1	−19.9	−41.1	45.7	244.1	0.0	0.875	0.875	50.7	−24.6	−46.3	52.5	242.0	7.4	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
747	R00Y_100_025$_d$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	82.1	15.4	7.3	17.0	25.4	1.0	0.75	0.75	85.4	17.4	−8.1	19.2	334.8	15.9	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
748	R00Y_087_012$_d$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	78.9	7.7	3.6	8.5	25.4	0.875	0.75	0.75	82.0	13.6	−11.4	17.7	320.1	16.4	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
749	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	79.9	8.7	−15.4	17.7	299.5	18.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
750	G50B_075_012$_d$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	70.4	−2.8	−5.8	6.5	244.1	0.625	0.75	0.75	77.4	3.5	−22.7	22.9	278.9	19.3	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
751	G50B_075_025$_d$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	65.1	−5.7	−11.7	13.0	244.1	0.5	0.75	0.75	72.4	−2.8	−28.2	28.3	264.1	18.2	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
752	G50B_075_037$_d$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	59.9	−8.5	−17.6	19.6	244.1	0.375	0.75	0.75	66.3	−7.9	−32.8	33.7	256.4	16.5	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
753	G50B_075_050$_d$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	54.6	−11.4	−23.5	26.1	244.1	0.25	0.75	0.75	60.0	−11.4	−35.4	37.2	252.0	13.1	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
754	G50B_075_062$_d$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	49.3	−14.2	−29.3	32.6	244.1	0.125	0.75	0.75	55.8	−17.4	−39.0	42.7	245.8	12.0	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
755	G50B_075_075$_d$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	44.0	−17.1	−35.2	39.2	244.1	0.0	0.75	0.75	50.7	−26.1	−44.5	51.6	239.5	14.5	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
756	R00Y_100_037$_d$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	76.1	23.1	11.0	25.6	25.4	1.0	0.625	0.625	77.5	24.0	1.8	24.0	4.3	9.3	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
757	R00Y_087_025$_d$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	72.9	15.4	7.3	17.0	25.4	0.875	0.625	0.625	75.2	17.3	−3.1	17.6	349.6	10.9	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
758	R00Y_075_012$_d$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	69.6	7.7	3.6	8.5	25.4	0.75	0.625	0.625	73.5	12.1	−8.8	15.0	323.7	13.8	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
759	NW_062$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.5	7.2	−12.5	14.4	300.0	14.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
760	G50B_062_012$_d$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	61.1	−2.8	−5.8	6.5	244.1	0.5	0.625	0.625	66.3	1.3	−21.2	21.3	273.5	16.7	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
761	G50B_062_025$_d$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	55.8	−5.7	−11.7	13.0	244.1	0.375	0.625	0.625	61.8	−4.5	−25.4	25.8	259.7	14.9	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
762	G50B_062_037$_d$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	50.6	−8.5	−17.6	19.6	244.1	0.25	0.625	0.625	55.5	−8.4	−29.6	30.8	254.1	12.9	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
763	G50B_062_050$_d$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	45.3	−11.4	−23.5	26.1	244.1	0.125	0.625	0.625	51.8	−14.0	−34.3	37.1	247.7	12.9	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
764	G50B_062_062$_d$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	40.0	−14.2	−29.3	32.6	244.1	0.0	0.625	0.625	48.4	−23.5	−42.6	48.7	241.0	18.2	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
765	R00Y_100_050$_d$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	70.0	30.8	14.6	34.1	25.4	1.0	0.5	0.5	71.3	29.6	12.6	32.2	23.1	2.6	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
766	R00Y_087_037$_d$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	66.8	23.1	11.0	25.6	25.4	0.875	0.5	0.5	69.1	21.9	5.2	22.5	13.4	6.3	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
767	R00Y_075_025$_d$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	63.6	15.4	7.3	17.0	25.4	0.75	0.5	0.5	65.4	15.3	1.1	15.3	4.3	6.4	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
768	R00Y_062_012$_d$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	60.3	7.7	3.6	8.5	25.4	0.625	0.5	0.5	61.3	10.5	−5.3	11.8	333.0	9.5	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
769	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	58.5	5.6	−9.4	11.0	300.8	11.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
770	G50B_050_012$_d$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	51.8	−2.8	−5.8	6.5	244.1	0.375	0.5	0.5	55.4	−0.7	−18.4	18.4	267.7	13.1	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
771	G50B_050_025$_d$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	46.6	−5.7	−11.7	13.0	244.1	0.25	0.5	0.5	50.7	−6.6	−24.7	25.6	255.0	13.6	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
772	G50B_050_037$_d$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	41.3	−8.5	−17.6	19.6	244.1	0.125	0.5	0.5	47.4	−9.6	−30.3	31.8	252.3	14.1	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
773	G50B_050_050$_d$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	36.0	−11.4	−23.5	26.1	244.1	0.0	0.5	0.5	44.0	−16.6	−37.4	40.9	245.9	16.8	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
774	R00Y_100_062$_d$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	64.0	38.6	18.3	42.7	25.4	1.0	0.375	0.375	63.6	39.4	22.9	45.6	30.2	4.7	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
775	R00Y_087_050$_d$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	60.8	30.8	14.6	34.1	25.4	0.875	0.375	0.375	62.0	29.0	11.8	31.3	22.1	3.5	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
776	R00Y_075_037$_d$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	57.5	23.1	11.0	25.6	25.4	0.75	0.375	0.375	57.8	21.5	7.3	22.7	18.7	4.0	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
777	R00Y_062_025$_d$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	54.3	15.4	7.3	17.0	25.4	0.625	0.375	0.375	53.1	15.2	2.9	15.4	10.8	4.5	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
778	R00Y_050_012$_d$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	51.1	7.7	3.6	8.5	25.4	0.5	0.375	0.375	49.7	10.0	−3.3	10.5	341.5	7.5	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
779	NW_037$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	49.4	4.3	−7.3	8.4	300.6	8.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
780	G50B_037_012$_d$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	42.6	−2.8	−5.8	6.5	244.1	0.25	0.375	0.375	45.4	−3.5	−18.3	18.6	259.1	12.8	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
781	G50B_037_025$_d$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	37.3	−5.7	−11.7	13.0	244.1	0.125	0.375	0.375	44.3	−7.2	−24.6	25.6	253.5	14.7	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
782	G50B_037_037$_d$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	32.0	−8.5	−17.6	19.6	244.1	0.0	0.375	0.375	41.4	−13.8	−29.7	32.7	245.0	16.1	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
783	R00Y_100_075$_d$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	57.9	46.3	22.0	51.2	25.4	1.0	0.25	0.25	58.5	46.4	30.9	55.8	33.7	8.9	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
784	R00Y_087_062$_d$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	54.7	38.6	18.3	42.7	25.4	0.875	0.25	0.25	56.4	36.3	20.5	41.7	29.4	3.5	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
785	R00Y_075_050$_d$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.5	30.8	14.6	34.1	25.4	0.75	0.25	0.25	51.0	28.2	14.6	31.7	27.4	2.7	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
786	R00Y_062_037$_d$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	48.2	23.1	11.0	25.6	25.4	0.625	0.25	0.25	46.3	20.5	11.4	23.5	29.1	3.2	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
787	R00Y_050_025$_d$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	45.0	15.4	7.3	17.0	25.4	0.5	0.25	0.25	42.8	14.2	5.9	15.4	22.8	2.9	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
788	R00Y_037_012$_d$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	41.8	7.7	3.6	8.5	25.4	0.375	0.25	0.25	40.2	9.9	0.1	9.9	1.1	4.4	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
789	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	38.3	2.7	−4.2	5.0	302.3	5.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
790	G50B_025_012$_d$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	33.3	−2.8	−5.8	6.5	244.1	0.125	0.25	0.25	37.7	−5.0	−16.7	17.4	253.1	11.9	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
791	G50B_025_025$_d$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	28.0	−5.7	−11.7	13.0	244.1	0.0	0.25	0.25	37.7	−9.3	−21.5	23.4	246.5	14.2	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
792	R00Y_100_087$_d$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	51.9	54.0	25.6	59.8	25.4	1.0	0.125	0.125	52.0	57.6	35.7	67.8	31.7	10.6	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
793	R00Y_087_075$_d$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	48.7	46.3	22.0	51.2	25.4	0.875	0.125	0.125	50.5	46.4	29.3	54.8	32.2	7.5	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
794	R00Y_075_062$_d$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	45.4	38.6	18.3	42.7	25.4	0.75	0.125	0.125	45.6	34.5	21.4	40.6	31.7	5.0	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
795	R00Y_062_050$_d$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	42.2	30.8	14.6	34.1	25.4	0.625	0.125	0.125	41.0	28.3	20.0	34.6	35.2	6.0	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
796	R00Y_050_037$_d$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	39.0	23.1	11.0	25.6	25.4	0.5	0.125	0.125	38.3	20.5	14.7	25.2	35.7	4.6	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
797	R00Y_037_025$_d$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	35.7	15.4	7.3	17.0	25.4	0.375	0.125	0.125	35.6	13.0	9.5	16.1	36.0	3.2	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
798	R00Y_025_012$_d$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	32.5	7.7	3.6	8.5	25.4	0.25	0.125	0.125	32.5	7.9	4.2	9.0	28.2	0.6	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
799	NW_012$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	26.1	0.9	−1.2	1.5	305.7	3.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
800	G50B_012_012$_d$	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	24.0	−2.8	−5.8	6.5	244.1	0.0	0.125	0.125	31.7	−6.2	−13.1	14.4	244.6	11.0	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
801	R00Y_100_100$_d$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4	1.0	0.0	0.0	45.7	61.0	27.3	66.8	24.1	2.1	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
802	R00Y_087_087$_d$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	42.6	54.0	25.6	59.8	25.4	0.875	0.0	0.0	40.5	52.7	22.2	57.2	22.8	4.1	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
803	R00Y_075_075$_d$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	39.4	46.3	22.0	51.2	25.4	0.75	0.0	0.0	37.1	47.0	21.2	51.6	24.2	2.5	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
804	R00Y_062_062$_d$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	36.2	38.6	18.3	42.7	25.4	0.625	0.0	0.0	33.3	41.4	20.9	46.4	26.7	4.8	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
805	R00Y_050_050$_d$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	32.9	30.8	14.6	34.1	25.4	0.5	0.0	0.0	30.6	35.1	19.7	40.3	29.3	7.0	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
806	R00Y_037_037$_d$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	29.7	23.1	11.0	25.6	25.4	0.375	0.0	0.0	29.0	25.1	15.7	29.6	32.0	5.2	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
807	R00Y_025_025$_d$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	26.5	15.4	7.3	17.0	25.4	0.25	0.0	0.0	28.4	13.6	9.5	16.6	35.0	3.4	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
808	R00Y_012_012$_d$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	23.2	7.7	3.6	8.5	25.4	0.125	0.0	0.0	25.6	7.0	5.1	8.7	35.7	2.8	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
809	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.1	0.0	0.0	0.0	356.7	0.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta *E**' = *10.3*

1−0032830−F0

RE670−7N, Page 29/33−F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, Δ*E**'

input: *rgb/cmyk* −> *rgb*$_d$
output: transfer to *cmyk*$_d$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−0032830−F0

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 30/33

n	HIC*$_{Fd}$	*rgb*_$_{Fd}$			*ict*_$_{Fd}$			$h_{si\_F,d}$	*rgb**$_{Fd}$			*LabCh**$_{Fd}$					*rgb**'$_{Fd}$			*LabCh**'$_{Fd}$					*DE**'$_{Fd}$	$h_{siM,d}$	*rgb**$_{Md}$			*LabCh**$_{Md}$				
810	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.5	0.0	−0.3	0.3	281.9	0.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
811	B00R_100_012$_d$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	86.5	3.2	−5.5	6.4	299.9	0.875	0.875	1.0	89.7	12.3	−23.8	26.8	297.3	20.6	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
812	B00R_100_025$_d$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	78.7	6.4	−11.1	12.8	299.9	0.75	0.75	1.0	80.6	12.4	−29.7	32.2	292.6	19.6	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
813	B00R_100_037$_d$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	71.0	9.6	−16.7	19.2	299.9	0.625	0.625	1.0	68.6	15.2	−34.8	38.0	293.6	19.1	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
814	B00R_100_050$_d$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	63.3	12.8	−22.2	25.7	299.9	0.5	0.5	1.0	56.6	17.6	−39.5	43.2	294.1	19.1	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
815	B00R_100_062$_d$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	55.5	16.0	−27.8	32.1	299.9	0.375	0.375	1.0	47.9	21.0	−42.2	47.1	296.5	17.0	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
816	B00R_100_075$_d$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	47.8	19.2	−33.4	38.5	299.9	0.25	0.25	1.0	39.0	24.6	−44.5	50.8	298.9	15.1	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
817	B00R_100_087$_d$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	40.1	22.4	−38.9	44.9	299.9	0.125	0.125	1.0	35.9	24.5	−45.2	51.4	298.5	7.8	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
818	B00R_100_100$_d$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9	0.0	0.0	1.0	31.8	25.2	−46.3	52.7	298.5	1.8	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
819	Y00G_100_012$_d$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	93.6	−0.8	8.2	8.3	96.1	1.0	1.0	0.875	94.2	5.7	−7.4	9.3	307.5	17.0	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
820	NW_087$_d$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	90.0	10.2	−18.6	21.2	298.8	21.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
821	B00R_087_012$_d$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	77.2	3.2	−5.5	6.4	299.9	0.75	0.75	0.875	82.3	11.1	−24.3	26.8	294.5	21.0	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
822	B00R_087_025$_d$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	69.5	6.4	−11.1	12.8	299.9	0.625	0.625	0.875	71.2	13.2	−30.3	33.0	293.6	20.4	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
823	B00R_087_037$_d$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	61.7	9.6	−16.7	19.2	299.9	0.5	0.5	0.875	61.0	16.3	−36.7	40.2	293.9	21.1	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
824	B00R_087_050$_d$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	54.0	12.8	−22.2	25.7	299.9	0.375	0.375	0.875	49.5	19.7	−41.7	46.1	295.3	21.1	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
825	B00R_087_062$_d$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	46.3	16.0	−27.8	32.1	299.9	0.25	0.25	0.875	40.5	22.4	−44.0	49.4	297.0	18.3	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
826	B00R_087_075$_d$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	38.5	19.2	−33.4	38.5	299.9	0.125	0.125	0.875	36.3	22.4	−45.1	50.3	296.4	12.3	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
827	B00R_087_087$_d$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	30.8	22.4	−38.9	44.9	299.9	0.0	0.0	0.875	29.9	26.8	−45.8	53.1	300.3	8.2	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
828	Y00G_100_025$_d$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	93.0	−1.7	16.5	16.6	96.1	1.0	1.0	0.75	93.7	2.2	2.3	3.2	46.0	14.8	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
829	Y00G_087_012$_d$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	84.3	−0.8	8.2	8.3	96.1	0.875	0.875	0.75	89.6	6.2	−8.2	10.3	306.9	18.8	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
830	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	80.6	8.8	−15.7	18.0	299.4	18.7	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
831	B00R_075_012$_d$	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	67.9	3.2	−5.5	6.4	299.9	0.625	0.625	0.75	71.6	10.3	−22.3	24.6	294.8	18.6	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
832	B00R_075_025$_d$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	60.2	6.4	−11.1	12.8	299.9	0.5	0.5	0.75	61.0	11.5	−26.2	28.6	293.6	15.9	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
833	B00R_075_037$_d$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	52.4	9.6	−16.7	19.2	299.9	0.375	0.375	0.75	51.7	12.7	−31.1	33.6	292.3	14.7	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
834	B00R_075_050$_d$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	44.7	12.8	−22.2	25.7	299.9	0.25	0.25	0.75	45.4	16.6	−36.1	39.7	294.7	14.4	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
835	B00R_075_062$_d$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	37.0	16.0	−27.8	32.1	299.9	0.125	0.125	0.75	39.3	18.5	−41.2	45.2	294.2	13.8	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
836	B00R_075_075$_d$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	29.2	19.2	−33.4	38.5	299.9	0.0	0.0	0.75	28.7	26.5	−45.7	52.8	300.0	14.3	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
837	Y00G_100_037$_d$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	92.4	−2.6	24.8	25.0	96.1	1.0	1.0	0.625	92.2	0.6	11.9	11.9	87.0	13.3	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
838	Y00G_087_025$_d$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	83.7	−1.7	16.5	16.6	96.1	0.875	0.875	0.625	88.6	3.3	4.7	5.8	55.3	13.7	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
839	Y00G_075_012$_d$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	75.1	−0.8	8.2	8.3	96.1	0.75	0.75	0.625	81.0	5.7	−6.4	8.6	311.3	17.2	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
840	NW_062$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	70.8	7.3	−12.9	14.8	299.8	15.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
841	B00R_062_012$_d$	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	58.6	3.2	−5.5	6.4	299.9	0.5	0.5	0.625	60.6	8.9	−20.5	22.4	293.5	16.1	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
842	B00R_062_025$_d$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	50.9	6.4	−11.1	12.8	299.9	0.375	0.375	0.625	50.3	10.0	−25.4	27.3	291.4	14.7	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
843	B00R_062_037$_d$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	43.2	9.6	−16.7	19.2	299.9	0.25	0.25	0.625	44.0	12.2	−29.9	32.3	292.2	13.5	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
844	B00R_062_050$_d$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	35.4	12.8	−22.2	25.7	299.9	0.125	0.125	0.625	38.6	16.4	−35.1	38.8	295.1	13.7	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
845	B00R_062_062$_d$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	27.7	16.0	−27.8	32.1	299.9	0.0	0.0	0.625	28.1	25.9	−45.9	52.7	299.4	20.6	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
846	Y00G_100_050$_d$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	91.8	−3.5	33.1	33.3	96.1	1.0	1.0	0.5	91.7	−1.8	22.6	22.7	94.6	10.6	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
847	Y00G_087_037$_d$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	83.2	−2.6	24.8	25.0	96.1	0.875	0.875	0.5	87.7	0.8	16.8	16.8	87.0	9.8	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
848	Y00G_075_025$_d$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	74.5	−1.7	16.5	16.6	96.1	0.75	0.75	0.5	80.4	1.3	8.6	8.7	81.2	10.3	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
849	Y00G_062_012$_d$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	65.8	−0.8	8.2	8.3	96.1	0.625	0.625	0.5	71.7	3.9	−4.5	6.0	311.2	14.9	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
850	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	59.7	5.7	−9.8	11.4	300.3	11.7	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
851	B00R_050_012$_d$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	49.4	3.2	−5.5	6.4	299.9	0.375	0.375	0.5	48.8	7.3	−19.2	20.6	290.9	14.3	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
852	B00R_050_025$_d$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	41.6	6.4	−11.1	12.8	299.9	0.25	0.25	0.5	41.9	9.0	−24.8	26.4	290.0	13.9	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
853	B00R_050_037$_d$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	33.9	9.6	−16.7	19.2	299.9	0.125	0.125	0.5	36.5	11.8	−28.7	31.0	292.5	12.4	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
854	B00R_050_050$_d$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	26.2	12.8	−22.2	25.7	299.9	0.0	0.0	0.5	30.5	19.3	−39.0	43.5	296.3	18.4	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
855	Y00G_100_062$_d$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	91.2	−4.4	41.4	41.7	96.1	1.0	1.0	0.375	90.9	−3.9	34.3	34.5	96.5	7.1	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
856	Y00G_087_050$_d$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	82.6	−3.5	33.1	33.3	96.1	0.875	0.875	0.375	86.4	−1.7	29.5	29.5	93.4	5.6	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
857	Y00G_075_037$_d$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	73.9	−2.6	24.8	25.0	96.1	0.75	0.75	0.375	79.3	−0.5	19.8	19.8	91.5	7.6	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
858	Y00G_062_025$_d$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	65.2	−1.7	16.5	16.6	96.1	0.625	0.625	0.375	70.1	0.3	10.4	10.4	88.3	8.1	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
859	Y00G_050_012$_d$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	56.5	−0.8	8.2	8.3	96.1	0.5	0.5	0.375	59.2	1.9	−0.3	1.9	349.6	9.4	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
860	NW_037$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	48.8	4.2	−7.1	8.3	300.7	8.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
861	B00R_037_012$_d$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	40.1	3.2	−5.5	6.4	299.9	0.25	0.25	0.375	38.8	6.5	−18.6	19.7	289.3	13.5	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
862	B00R_037_025$_d$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	32.4	6.4	−11.1	12.8	299.9	0.125	0.125	0.375	32.8	7.9	−24.0	25.3	288.2	12.9	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
863	B00R_037_037$_d$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	24.6	9.6	−16.7	19.2	299.9	0.0	0.0	0.375	29.4	11.6	−29.3	31.5	291.6	13.6	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
864	Y00G_100_075$_d$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	90.6	−5.3	49.7	50.0	96.1	1.0	1.0	0.25	89.9	−4.2	43.8	44.0	95.6	6.0	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
865	Y00G_087_062$_d$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	82.0	−4.4	41.4	41.7	96.1	0.875	0.875	0.25	86.8	−3.2	41.3	41.4	94.5	4.9	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
866	Y00G_075_050$_d$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	73.3	−3.5	33.1	33.3	96.1	0.75	0.75	0.25	78.7	−3.2	32.7	32.8	95.7	5.4	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
867	Y00G_062_037$_d$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	64.6	−2.6	24.8	25.0	96.1	0.625	0.625	0.25	69.2	−2.6	23.6	23.7	96.5	4.7	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
868	Y00G_050_025$_d$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	55.9	−1.7	16.5	16.6	96.1	0.5	0.5	0.25	59.3	−1.6	14.1	14.2	96.7	4.1	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
869	Y00G_037_012$_d$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	47.2	−0.8	8.2	8.3	96.1	0.375	0.375	0.25	48.8	−0.5	4.7	4.7	96.7	3.9	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
870	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	37.2	2.6	−3.9	4.7	303.4	4.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
871	B00R_025_012$_d$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	30.8	3.2	−5.5	6.4	299.9	0.125	0.125	0.25	30.5	5.3	−15.8	16.7	288.7	10.5	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
872	B00R_025_025$_d$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	23.1	6.4	−11.1	12.8	299.9	0.0	0.0	0.25	25.1	6.7	−21.2	22.3	287.5	10.3	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
873	Y00G_100_087$_d$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	90.0	−6.2	58.0	58.3	96.1	1.0	1.0	0.125	89.9	−6.4	57.7	58.1	96.3	0.3	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
874	Y00G_087_075$_d$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	81.4	−5.3	49.7	50.0	96.1	0.875	0.875	0.125	87.0	−5.1	59.9	60.1	94.9	11.6	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
875	Y00G_075_062$_d$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	72.7	−4.4	41.4	41.7	96.1	0.75	0.75	0.125	78.3	−5.0	50.3	50.5	95.7	10.4	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
876	Y00G_062_050$_d$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	64.0	−3.5	33.1	33.3	96.1	0.625	0.625	0.125	68.7	−4.8	38.9	39.2	97.1	7.5	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
877	Y00G_050_037$_d$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	55.3	−2.6	24.8	25.0	96.1	0.5	0.5	0.125	58.5	−4.1	28.5	28.8	98.2	5.1	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
878	Y00G_037_025$_d$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	46.6	−1.7	16.5	16.6	96.1	0.375	0.375	0.125	49.8	−3.5	20.0	20.3	99.9	4.9	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
879	Y00G_025_012$_d$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	38.0	−0.8	8.2	8.3	96.1	0.25	0.25	0.125	38.3	−1.6	9.2	9.3	100.0	1.2	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
880	NW_012$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	25.3	0.8	−0.9	1.2	311.3	4.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
881	B00R_012_012$_d$	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	21.5	3.2	−5.5	6.4	299.9	0.0	0.0	0.125	26.1	5.9	−12.4	13.7	295.7	8.6	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
882	Y00G_100_100$_d$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1	1.0	1.0	0.0	89.5	−7.1	66.6	66.9	96.1	0.2	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
883	Y00G_087_087$_d$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	80.8	−6.2	58.0	58.3	96.1	0.875	0.875	0.0	88.3	−6.1	72.5	72.7	94.8	16.3	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
884	Y00G_075_075$_d$	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	72.1	−5.3	49.7	50.0	96.1	0.75	0.75	0.0	79.0	−6.6	65.9	66.3	95.7	17.7	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
885	Y00G_062_062$_d$	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	63.4	−4.4	41.4	41.7	96.1	0.625	0.625	0.0	65.2	−6.3	53.2	53.5	96.7	12.0	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
886	Y00G_050_050$_d$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	54.7	−3.5	33.1	33.3	96.1	0.5	0.5	0.0	54.8	−5.7	44.0	44.4	97.4	11.1	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
887	Y00G_037_037$_d$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	46.0	−2.6	24.8	25.0	96.1	0.375	0.375	0.0	47.8	−5.8	32.5	33.0	100.1	8.4	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
888	Y00G_025_025$_d$	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	37.4	−1.7	16.5	16.6	96.1	0.25	0.25	0.0	39.9	−4.3	21.6	22.0	101.3	6.2	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
889	Y00G_012_012$_d$	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	28.7	−0.8	8.2	8.3	96.1	0.125	0.125	0.0	31.4	−1.9	9.6	9.8	101.5	3.1	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
890	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.8	0.0	0.0	0.0	55.6	0.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta *E**' =** ***11.7***

1−0032930−F0

RE670−7N, Page 30/33−F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E^{*\prime}$

input: *rgb/cmyk* −> *rgb*$_d$
output: transfer to *cmyk*$_d$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−0032930−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 31/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

n	HIC*Fd	rgb_Fd			ict_Fd			hsi_F,d	rgb*Fd			LabCh*Fd					rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
891	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.5	0.0	−0.1	0.1	266.1	0.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
892	B50R_100_012d	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	88.3	8.8	−2.1	9.1	346.2	1.0	0.875	1.0	91.1	16.2	−21.3	26.7	307.3	20.6	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
893	B50R_100_025d	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	82.4	17.6	−4.3	18.2	346.2	1.0	0.75	1.0	85.5	23.6	−22.0	32.2	316.9	18.9	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
894	B50R_100_037d	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	76.4	26.5	−6.4	27.3	346.2	1.0	0.625	1.0	78.5	33.1	−22.4	40.0	325.8	17.4	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
895	B50R_100_050d	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	70.5	35.3	−8.6	36.4	346.2	1.0	0.5	1.0	72.0	41.7	−22.2	47.3	332.0	15.0	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
896	B50R_100_062d	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	64.6	44.2	−10.8	45.5	346.2	1.0	0.375	1.0	65.7	51.4	−21.9	55.9	336.8	13.3	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
897	B50R_100_075d	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	58.6	53.0	−12.9	54.6	346.2	1.0	0.25	1.0	58.2	60.2	−20.8	63.7	340.9	10.6	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
898	B50R_100_087d	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	52.7	61.9	−15.1	63.7	346.2	1.0	0.125	1.0	50.4	69.9	−17.7	72.1	345.7	8.7	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
899	B50R_100_100d	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2	1.0	0.0	1.0	46.2	71.1	−16.4	73.0	346.9	1.0	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
900	G00B_100_012d	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	89.2	−7.4	3.0	8.0	157.6	0.875	1.0	0.875	91.5	4.6	−14.3	15.0	288.0	21.3	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
901	NW_087d	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.7	10.2	−18.7	21.3	298.7	21.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
902	B50R_087_012d	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	79.0	8.8	−2.1	9.1	346.2	0.875	0.75	0.875	84.1	17.4	−21.2	27.4	309.4	21.5	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
903	B50R_087_025d	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	73.1	17.6	−4.3	18.2	346.2	0.875	0.625	0.875	77.1	25.8	−21.9	33.8	319.6	19.8	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
904	B50R_087_037d	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	67.2	26.5	−6.4	27.3	346.2	0.875	0.5	0.875	69.6	34.2	−22.7	41.1	326.3	18.2	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
905	B50R_087_050d	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	61.2	35.3	−8.6	36.4	346.2	0.875	0.375	0.875	62.7	42.7	−23.1	48.6	331.5	16.3	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
906	B50R_087_062d	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	55.3	44.2	−10.8	45.5	346.2	0.875	0.25	0.875	56.1	50.7	−22.2	55.4	336.2	13.2	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
907	B50R_087_075d	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	49.4	53.0	−12.9	54.6	346.2	0.875	0.125	0.875	48.3	62.0	−22.0	65.8	340.4	12.8	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
908	B50R_087_087d	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	43.4	61.9	−15.1	63.7	346.2	0.875	0.0	0.875	42.8	63.4	−18.5	66.1	343.7	3.7	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
909	G00B_100_025d	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	84.2	−14.8	6.1	16.0	157.6	0.75	1.0	0.75	87.6	−3.4	−7.6	8.3	245.7	18.2	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
910	G00B_087_012d	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	79.9	−7.4	3.0	8.0	157.6	0.75	0.875	0.75	87.0	1.2	−11.2	11.2	276.3	18.1	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
911	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	79.9	8.6	−15.4	17.7	299.3	18.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
912	B50R_075_012d	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	69.7	8.8	−2.1	9.1	346.2	0.75	0.625	0.75	73.5	16.4	−18.6	24.9	311.3	18.5	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
913	B50R_075_025d	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	63.8	17.6	−4.3	18.2	346.2	0.75	0.5	0.75	65.6	24.8	−19.2	31.3	322.2	16.5	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
914	B50R_075_037d	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	57.9	26.5	−6.4	27.3	346.2	0.75	0.375	0.75	58.2	32.2	−19.0	37.4	329.4	13.8	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
915	B50R_075_050d	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	51.9	35.3	−8.6	36.4	346.2	0.75	0.25	0.75	51.4	41.2	−19.3	45.5	334.9	12.1	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
916	B50R_075_062d	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	46.0	44.2	−10.8	45.5	346.2	0.75	0.125	0.75	45.0	50.4	−18.0	53.5	340.3	9.5	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
917	B50R_075_075d	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	40.1	53.0	−12.9	54.6	346.2	0.75	0.0	0.75	37.8	57.4	−17.4	60.0	343.0	6.6	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
918	G00B_100_037d	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	79.2	−22.3	9.1	24.1	157.6	0.625	1.0	0.625	81.5	−12.2	−1.9	12.3	188.9	15.1	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
919	G00B_087_025d	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	74.9	−14.8	6.1	16.0	157.6	0.625	0.875	0.625	80.9	−7.4	−4.6	8.7	211.8	14.3	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
920	G00B_075_012d	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	70.6	−7.4	3.0	8.0	157.6	0.625	0.75	0.625	75.9	−0.6	−9.1	9.1	266.0	14.9	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
921	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	68.7	7.1	−12.4	14.4	299.8	14.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
922	B50R_062_012d	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	60.5	8.8	−2.1	9.1	346.2	0.625	0.5	0.625	63.1	14.9	−16.0	21.9	312.9	15.4	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
923	B50R_062_025d	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	54.5	17.6	−4.3	18.2	346.2	0.625	0.375	0.625	54.7	23.0	−16.3	28.2	324.5	13.1	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
924	B50R_062_037d	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	48.6	26.5	−6.4	27.3	346.2	0.625	0.25	0.625	48.0	32.3	−17.1	36.6	331.9	12.1	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
925	B50R_062_050d	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	42.7	35.3	−8.6	36.4	346.2	0.625	0.125	0.625	41.1	40.9	−16.0	43.9	338.5	9.3	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
926	B50R_062_062d	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	36.7	44.2	−10.8	45.5	346.2	0.625	0.0	0.625	34.2	49.5	−14.9	51.7	343.1	7.1	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
927	G00B_100_050d	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	74.2	−29.7	12.2	32.1	157.6	0.5	1.0	0.5	75.1	−21.6	2.7	21.7	172.8	12.5	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
928	G00B_087_037d	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	69.9	−22.3	9.1	24.1	157.6	0.5	0.875	0.5	74.3	−19.5	0.7	19.5	177.8	9.9	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
929	G00B_075_025d	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	65.6	−14.8	6.1	16.0	157.6	0.5	0.75	0.5	69.7	−8.8	−3.7	9.5	203.2	12.2	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
930	G00B_062_012d	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	61.4	−7.4	3.0	8.0	157.6	0.5	0.625	0.5	65.5	−2.0	−7.6	7.9	255.1	12.7	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
931	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	57.9	5.4	−9.3	10.8	300.1	10.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
932	B50R_050_012d	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	51.2	8.8	−2.1	9.1	346.2	0.5	0.375	0.5	50.2	14.0	−13.3	19.4	316.4	12.4	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
933	B50R_050_025d	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	45.2	17.6	−4.3	18.2	346.2	0.5	0.25	0.5	43.8	23.6	−14.2	27.5	328.8	11.6	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
934	B50R_050_037d	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	39.3	26.5	−6.4	27.3	346.2	0.5	0.125	0.5	37.5	31.9	−13.7	34.7	336.6	9.2	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
935	B50R_050_050d	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	33.4	35.3	−8.6	36.4	346.2	0.5	0.0	0.5	31.2	40.6	−12.1	42.4	343.3	6.6	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
936	G00B_100_062d	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	69.1	−37.2	15.2	40.2	157.6	0.375	1.0	0.375	68.1	−32.4	9.2	33.7	164.0	7.7	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
937	G00B_087_050d	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	64.9	−29.7	12.2	32.1	157.6	0.375	0.875	0.375	69.3	−29.8	7.1	30.6	166.4	6.7	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
938	G00B_075_037d	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	60.6	−22.3	9.1	24.1	157.6	0.375	0.75	0.375	63.3	−20.0	2.6	20.2	172.3	7.3	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
939	G00B_062_025d	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	56.4	−14.8	6.1	16.0	157.6	0.375	0.625	0.375	58.1	−13.1	−1.2	13.1	185.3	7.7	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
940	G00B_050_012d	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	52.1	−7.4	3.0	8.0	157.6	0.375	0.5	0.375	53.0	−4.2	−4.1	5.8	224.3	7.9	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
941	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	47.1	3.9	−6.6	7.7	301.0	7.7	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
942	B50R_037_012d	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	41.9	8.8	−2.1	9.1	346.2	0.375	0.25	0.375	39.8	13.9	−10.6	17.4	322.6	10.0	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
943	B50R_037_025d	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	36.0	17.6	−4.3	18.2	346.2	0.375	0.125	0.375	34.7	23.3	−11.2	25.9	334.2	9.0	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
944	B50R_037_037d	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	30.0	26.5	−6.4	27.3	346.2	0.375	0.0	0.375	29.6	31.4	−10.5	33.1	341.4	6.3	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
945	G00B_100_075d	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	64.1	−44.6	18.3	48.2	157.6	0.25	1.0	0.25	62.5	−41.8	13.8	44.0	161.6	5.5	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
946	G00B_087_062d	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	59.9	−37.2	15.2	40.2	157.6	0.25	0.875	0.25	64.8	−38.4	12.4	40.3	162.0	5.8	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
947	G00B_075_050d	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	55.6	−29.7	12.2	32.1	157.6	0.25	0.75	0.25	57.8	−27.4	7.5	28.4	164.6	5.7	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
948	G00B_062_037d	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	51.3	−22.3	9.1	24.1	157.6	0.25	0.625	0.25	52.3	−21.7	4.6	22.2	168.0	4.7	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
949	G00B_050_025d	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	47.1	−14.8	6.1	16.0	157.6	0.25	0.5	0.25	46.8	−14.3	1.4	14.4	174.3	4.7	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
950	G00B_037_012d	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	42.8	−7.4	3.0	8.0	157.6	0.25	0.375	0.25	42.7	−6.4	−1.4	6.6	192.5	4.5	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
951	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	34.8	2.2	−3.3	3.9	303.8	5.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
952	B50R_025_012d	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	32.6	8.8	−2.1	9.1	346.2	0.25	0.125	0.25	30.7	12.5	−7.5	14.6	328.7	6.8	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
953	B50R_025_025d	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	26.7	17.6	−4.3	18.2	346.2	0.25	0.0	0.25	27.2	20.4	−8.5	22.1	337.3	5.0	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
954	G00B_100_087d	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	59.1	−52.0	21.4	56.3	157.6	0.125	1.0	0.125	57.4	−52.0	19.0	55.4	159.8	2.8	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
955	G00B_087_075d	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	54.8	−44.6	18.3	48.2	157.6	0.125	0.875	0.125	59.3	−48.3	17.8	51.5	159.6	5.7	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
956	G00B_075_062d	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	50.6	−37.2	15.2	40.2	157.6	0.125	0.75	0.125	54.0	−35.8	12.2	37.8	161.0	4.7	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
957	G00B_062_050d	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	46.3	−29.7	12.2	32.1	157.6	0.125	0.625	0.125	48.8	−30.5	9.5	31.9	162.5	3.7	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
958	G00B_050_037d	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	42.1	−22.3	9.1	24.1	157.6	0.125	0.5	0.125	42.8	−23.3	5.9	24.1	165.6	3.4	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
959	G00B_037_025d	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	37.8	−14.8	6.1	16.0	157.6	0.125	0.375	0.125	37.9	−17.7	2.9	17.9	170.6	4.2	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
960	G00B_025_012d	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	33.5	−7.4	3.0	8.0	157.6	0.125	0.25	0.125	35.4	−7.5	1.4	7.6	168.9	2.4	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
961	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	23.2	0.5	−0.4	0.7	316.5	6.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
962	B50R_012_012d	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	23.3	8.8	−2.1	9.1	346.2	0.125	0.0	0.125	25.2	10.3	−4.4	11.2	336.6	3.2	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
963	G00B_100_100d	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6	0.0	1.0	0.0	54.8	−57.4	23.3	61.9	157.9	2.4	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
964	G00B_087_087d	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	49.8	−52.0	21.4	56.3	157.6	0.0	0.875	0.0	52.4	−62.8	22.7	66.8	160.1	11.1	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
965	G00B_075_075d	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	45.6	−44.6	18.3	48.2	157.6	0.0	0.75	0.0	50.2	−64.1	21.2	67.5	161.6	20.2	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
966	G00B_062_062d	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	41.3	−37.2	15.2	40.2	157.6	0.0	0.625	0.0	46.3	−59.4	19.1	62.4	162.1	23.1	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
967	G00B_050_050d	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	37.0	−29.7	12.2	32.1	157.6	0.0	0.5	0.0	41.5	−53.4	16.3	55.9	162.9	24.4	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
968	G00B_037_037d	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	32.8	−22.3	9.1	24.1	157.6	0.0	0.375	0.0	37.3	−30.3	8.2	31.4	164.7	9.2	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
969	G00B_025_025d	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	28.5	−14.8	6.1	16.0	157.6	0.0	0.25	0.0	32.9	−17.7	3.2	18.0	169.6	6.0	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
970	G00B_012_012d	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	24.3	−7.4	3.0	8.0	157.6	0.0	0.125	0.0	29.6	−5.7	2.3	6.2	157.6	5.6	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
971	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5	0.1	−0.1	0.1	316.8	0.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta *E**' = *10.6*

1-0033030-F0

RE670-7N, Page 31/33-F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, Δ*E**'

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

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-0033030-F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 32/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

n	HIC^{*}_{Fd}	$rgb_{\_Fd}$			$ict_{\_Fd}$			$h_{si\_F,d}$	rgb^{*}_{Fd}			$LabCh^{*}_{Fd}$					$rgb^{*\prime}_{Fd}$			$LabCh^{*\prime}_{Fd}$					$DE^{*\prime}_{Fd}$	$h_{siM,d}$	rgb^{*}_{Md}			$LabCh^{*}_{Md}$				
972	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.2	0.0	0.0	0.0	293.6	0.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
973	NW_012$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	24.9	0.7	−0.8	1.1	310.5	4.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
974	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	36.1	2.4	−3.6	4.3	303.7	4.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
975	NW_037$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	48.0	4.1	−6.4	7.6	302.4	7.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
976	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	58.3	5.6	−9.2	10.8	301.2	10.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
977	NW_062$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.6	7.2	−12.3	14.3	300.3	14.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
978	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	80.4	8.9	−15.8	18.1	299.3	18.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
979	NW_087$_d$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.9	10.2	−18.4	21.1	298.9	21.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
980	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.3	0.0	0.0	0.0	285.3	0.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
981	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.1	0.0	0.0	0.0	11.0	0.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
982	NW_012$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	25.2	0.8	−1.0	1.3	307.3	4.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
983	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	36.5	2.5	−3.6	4.4	304.4	4.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
984	NW_037$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	47.9	4.1	−6.6	7.8	302.0	7.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
985	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	58.2	5.6	−9.4	10.9	301.0	11.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
986	NW_062$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	70.0	7.3	−12.8	14.8	299.7	15.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
987	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	80.5	8.9	−15.9	18.2	299.3	18.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
988	NW_087$_d$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	90.1	10.3	−18.8	21.4	298.8	22.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
989	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.4	0.0	−0.1	0.1	289.1	0.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
990	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.7	0.0	0.1	0.2	111.4	0.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
991	NW_012$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	23.2	0.5	−0.5	0.7	316.5	6.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
992	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	36.0	2.4	−3.5	4.2	304.3	4.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
993	NW_037$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	47.2	4.0	−6.6	7.7	301.7	7.7	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
994	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	58.4	5.6	−9.4	10.9	300.9	11.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
995	NW_062$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.9	7.3	−12.7	14.6	299.9	15.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
996	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	80.9	8.9	−15.8	18.2	299.3	18.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
997	NW_087$_d$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	90.0	10.3	−18.7	21.4	298.8	22.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
998	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.4	0.0	0.0	0.0	290.1	0.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
999	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	96.0	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1000	NW_012$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	22.0	0.3	−0.2	0.4	318.6	7.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1001	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	34.7	2.2	−3.2	3.9	304.2	5.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1002	NW_037$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	47.6	3.9	−6.5	7.6	301.2	7.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1003	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	58.8	5.5	−9.5	11.0	300.4	11.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1004	NW_062$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	70.3	7.2	−12.6	14.5	299.9	15.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1005	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	80.8	8.8	−15.7	18.0	299.2	18.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1006	NW_087$_d$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	90.1	10.2	−18.4	21.1	298.9	21.7	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1007	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.5	0.0	0.1	0.1	92.5	0.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1008	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.6	0.0	−0.1	0.1	234.8	0.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1009	NW_006$_d$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	24.9	0.0	0.0	0.0	0.0	0.066	0.066	0.066	21.5	0.3	−0.3	0.4	307.8	3.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1010	NW_013$_d$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	29.9	0.0	0.0	0.0	0.0	0.133	0.133	0.133	25.7	0.9	−1.1	1.4	309.1	4.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1011	NW_020$_d$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	34.8	0.0	0.0	0.0	0.0	0.2	0.2	0.2	32.5	1.9	−2.7	3.3	305.4	4.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1012	NW_026$_d$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	39.7	0.0	0.0	0.0	0.0	0.266	0.266	0.266	39.9	3.0	−4.4	5.3	304.0	5.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1013	NW_033$_d$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	44.7	0.0	0.0	0.0	0.0	0.333	0.333	0.333	44.7	3.6	−5.7	6.8	302.7	6.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1014	NW_040$_d$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	49.7	0.0	0.0	0.0	0.0	0.4	0.4	0.4	50.8	4.5	−7.2	8.5	301.9	8.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1015	NW_046$_d$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	54.6	0.0	0.0	0.0	0.0	0.466	0.466	0.466	55.5	5.1	−8.4	9.9	301.4	9.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1016	NW_053$_d$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	59.6	0.0	0.0	0.0	0.0	0.533	0.533	0.533	61.6	6.1	−10.1	11.8	301.0	12.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1017	NW_060$_d$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.5	0.0	0.0	0.0	0.0	0.6	0.6	0.6	68.0	6.9	−12.0	13.9	300.1	14.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1018	NW_066$_d$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.0	0.666	0.666	0.666	73.4	7.8	−13.6	15.7	299.7	16.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1019	NW_073$_d$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.5	0.0	0.0	0.0	0.0	0.734	0.734	0.734	78.9	8.6	−15.2	17.4	299.6	18.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1020	NW_080$_d$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.4	0.0	0.0	0.0	0.0	0.8	0.8	0.8	83.9	9.3	−16.6	19.0	299.2	19.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1021	NW_086$_d$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	84.3	0.0	0.0	0.0	0.0	0.866	0.866	0.866	88.3	9.9	−18.0	20.6	298.9	21.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1022	NW_093$_d$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.2	0.0	0.0	0.0	0.0	0.933	0.933	0.933	92.2	10.5	−19.3	22.0	298.6	22.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1023	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.3	0.0	0.0	0.0	140.0	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1024	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.2	0.0	−0.2	0.2	281.0	0.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1025	NW_006$_d$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	24.9	0.0	0.0	0.0	0.0	0.066	0.066	0.066	21.5	0.3	−0.3	0.5	308.1	3.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1026	NW_013$_d$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	29.9	0.0	0.0	0.0	0.0	0.133	0.133	0.133	26.0	0.9	−1.2	1.6	307.5	4.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1027	NW_020$_d$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	34.8	0.0	0.0	0.0	0.0	0.2	0.2	0.2	32.1	1.8	−2.6	3.2	305.9	4.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1028	NW_026$_d$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	39.7	0.0	0.0	0.0	0.0	0.266	0.266	0.266	39.6	2.9	−4.4	5.3	303.4	5.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1029	NW_033$_d$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	44.7	0.0	0.0	0.0	0.0	0.333	0.333	0.333	44.8	3.7	−5.7	6.8	302.7	6.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1030	NW_040$_d$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	49.7	0.0	0.0	0.0	0.0	0.4	0.4	0.4	50.2	4.4	−7.1	8.4	302.0	8.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1031	NW_046$_d$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	54.6	0.0	0.0	0.0	0.0	0.466	0.466	0.466	56.2	5.3	−8.8	10.3	301.2	10.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1032	NW_053$_d$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	59.6	0.0	0.0	0.0	0.0	0.533	0.533	0.533	62.2	6.1	−10.4	12.1	300.5	12.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1033	NW_060$_d$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.5	0.0	0.0	0.0	0.0	0.6	0.6	0.6	67.9	7.0	−12.1	14.0	300.1	14.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1034	NW_066$_d$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.0	0.666	0.666	0.666	73.0	7.8	−13.6	15.7	299.7	16.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1035	NW_073$_d$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.5	0.0	0.0	0.0	0.0	0.734	0.734	0.734	78.8	8.6	−15.3	17.6	299.4	18.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1036	NW_080$_d$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.4	0.0	0.0	0.0	0.0	0.8	0.8	0.8	83.6	9.3	−16.7	19.1	299.3	19.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1037	NW_086$_d$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	84.3	0.0	0.0	0.0	0.0	0.866	0.866	0.866	88.1	10.0	−18.0	20.6	299.0	20.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1038	NW_093$_d$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.2	0.0	0.0	0.0	0.0	0.933	0.933	0.933	92.1	10.6	−19.4	22.2	298.6	22.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1039	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.3	0.0	−0.2	0.2	272.0	0.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1040	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4	0.0	0.0	0.1	241.0	0.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1041	NW_006$_d$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	24.9	0.0	0.0	0.0	0.0	0.066	0.066	0.066	21.4	0.2	−0.3	0.3	308.9	3.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1042	NW_013$_d$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	29.9	0.0	0.0	0.0	0.0	0.133	0.133	0.133	25.6	0.9	−1.1	1.5	309.6	4.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1043	NW_020$_d$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	34.8	0.0	0.0	0.0	0.0	0.2	0.2	0.2	32.6	1.9	−2.7	3.3	305.5	4.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1044	NW_026$_d$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	39.7	0.0	0.0	0.0	0.0	0.266	0.266	0.266	39.5	2.9	−4.5	5.4	302.8	5.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1045	NW_033$_d$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	44.7	0.0	0.0	0.0	0.0	0.333	0.333	0.333	44.5	3.6	−5.7	6.7	302.4	6.7	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1046	NW_040$_d$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	49.7	0.0	0.0	0.0	0.0	0.4	0.4	0.4	51.4	4.6	−7.6	8.9	301.5	9.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1047	NW_046$_d$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	54.6	0.0	0.0	0.0	0.0	0.466	0.466	0.466	56.0	5.2	−8.7	10.2	301.2	10.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1048	NW_053$_d$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	59.6	0.0	0.0	0.0	0.0	0.533	0.533	0.533	61.7	6.1	−10.3	12.0	300.6	12.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1049	NW_060$_d$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.5	0.0	0.0	0.0	0.0	0.6	0.6	0.6	67.6	6.9	−11.9	13.7	300.2	14.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1050	NW_066$_d$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.0	0.666	0.666	0.666	73.2	7.8	−13.6	15.6	299.9	16.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1051	NW_073$_d$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.5	0.0	0.0	0.0	0.0	0.734	0.734	0.734	78.9	8.5	−15.0	17.3	299.6	17.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1052	NW_080$_d$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.4	0.0	0.0	0.0	0.0	0.8	0.8	0.8	83.7	9.4	−16.7	19.2	299.2	19.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta *E*'* = *9.8***

1-0033130-F0 RE670-7N, Page 32/33-F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E^{*\prime}$

input: *rgb/cmyk* −> rgb_d
output: transfer to $cmyk_d$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-0033130-F0

n	HIC*$_{\rm Fd}$	*rgb*$_{\rm \_Fd}$			*ict*$_{\rm \_Fd}$			*h*$_{\rm si\_F,d}$	*rgb**$_{\rm Fd}$			*LabCh**$_{\rm Fd}$					*rgb*'*$_{\rm Fd}$			*LabCh*'*$_{\rm Fd}$					*DE*'*$_{\rm Fd}$	*h*$_{\rm siM,d}$	*rgb**$_{\rm Md}$			*LabCh**$_{\rm Md}$				
1053	NW_086$_d$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	84.3	0.0	0.0	0.0	0.0	0.866	0.866	0.866	88.1	9.9	−17.7	20.3	299.1	20.7	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1054	NW_093$_d$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.2	0.0	0.0	0.0	0.0	0.933	0.933	0.933	92.3	10.6	−19.5	22.2	298.6	22.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1055	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.3	0.0	0.1	0.1	111.8	0.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1056	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.6	−0.1	−0.1	0.1	221.8	0.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1057	NW_006$_d$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	24.9	0.0	0.0	0.0	0.0	0.066	0.066	0.066	21.4	0.2	−0.3	0.4	307.3	3.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1058	NW_013$_d$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	29.9	0.0	0.0	0.0	0.0	0.133	0.133	0.133	25.7	0.9	−1.3	1.5	304.7	4.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1059	NW_020$_d$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	34.8	0.0	0.0	0.0	0.0	0.2	0.2	0.2	32.9	1.9	−2.9	3.5	303.8	4.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1060	NW_026$_d$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	39.7	0.0	0.0	0.0	0.0	0.266	0.266	0.266	39.9	2.9	−4.6	5.4	302.8	5.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1061	NW_033$_d$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	44.7	0.0	0.0	0.0	0.0	0.333	0.333	0.333	44.0	3.5	−5.7	6.7	301.7	6.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1062	NW_040$_d$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	49.7	0.0	0.0	0.0	0.0	0.4	0.4	0.4	51.1	4.5	−7.4	8.7	301.2	8.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1063	NW_046$_d$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	54.6	0.0	0.0	0.0	0.0	0.466	0.466	0.466	56.3	5.3	−8.8	10.2	301.0	10.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1064	NW_053$_d$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	59.6	0.0	0.0	0.0	0.0	0.533	0.533	0.533	62.2	6.1	−10.3	12.0	300.5	12.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1065	NW_060$_d$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.5	0.0	0.0	0.0	0.0	0.6	0.6	0.6	68.0	6.9	−12.1	13.9	299.9	14.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1066	NW_066$_d$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.0	0.666	0.666	0.666	73.8	7.8	−13.7	15.7	299.6	16.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1067	NW_073$_d$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.5	0.0	0.0	0.0	0.0	0.734	0.734	0.734	79.3	8.6	−15.3	17.5	299.5	18.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1068	NW_080$_d$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.4	0.0	0.0	0.0	0.0	0.8	0.8	0.8	83.8	9.3	−16.4	18.9	299.4	19.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1069	NW_086$_d$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	84.3	0.0	0.0	0.0	0.0	0.866	0.866	0.866	88.3	9.9	−17.9	20.5	299.0	20.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1070	NW_093$_d$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.2	0.0	0.0	0.0	0.0	0.933	0.933	0.933	92.1	10.5	−19.1	21.8	298.8	22.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1071	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.3	0.0	0.0	0.0	93.7	0.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1072	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.9	0.0	0.0	0.0	64.5	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1073	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.4	0.0	0.0	0.0	81.8	0.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1074	R00Y_100_100$_d$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4	1.0	0.0	0.0	45.2	60.6	27.0	66.4	24.0	2.5	389	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
1075	G50B_100_100$_d$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1	0.0	1.0	1.0	51.7	−24.1	−46.7	52.5	242.7	1.3	210	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
1076	Y00G_100_100$_d$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1	1.0	1.0	0.0	89.7	−7.3	68.1	68.5	96.1	1.8	89	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
1077	B00R_100_100$_d$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9	0.0	0.0	1.0	32.0	24.9	−46.4	52.7	298.2	2.0	270	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
1078	G00B_100_100$_d$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6	0.0	1.0	0.0	53.6	−58.4	21.7	62.3	159.5	2.9	149	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
1079	B50R_100_100$_d$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2	1.0	0.0	1.0	46.5	70.8	−16.5	72.7	346.8	0.7	330	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2

Mean color difference of this page: **delta *E*'* = *8.2***

1-0033230-F0

RE670-7N, Page 33/33-F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, Δ*E**'

input: *rgb/cmyk* −> *rgb*$_{\rm d}$
output: transfer to *cmyk*$_{\rm d}$

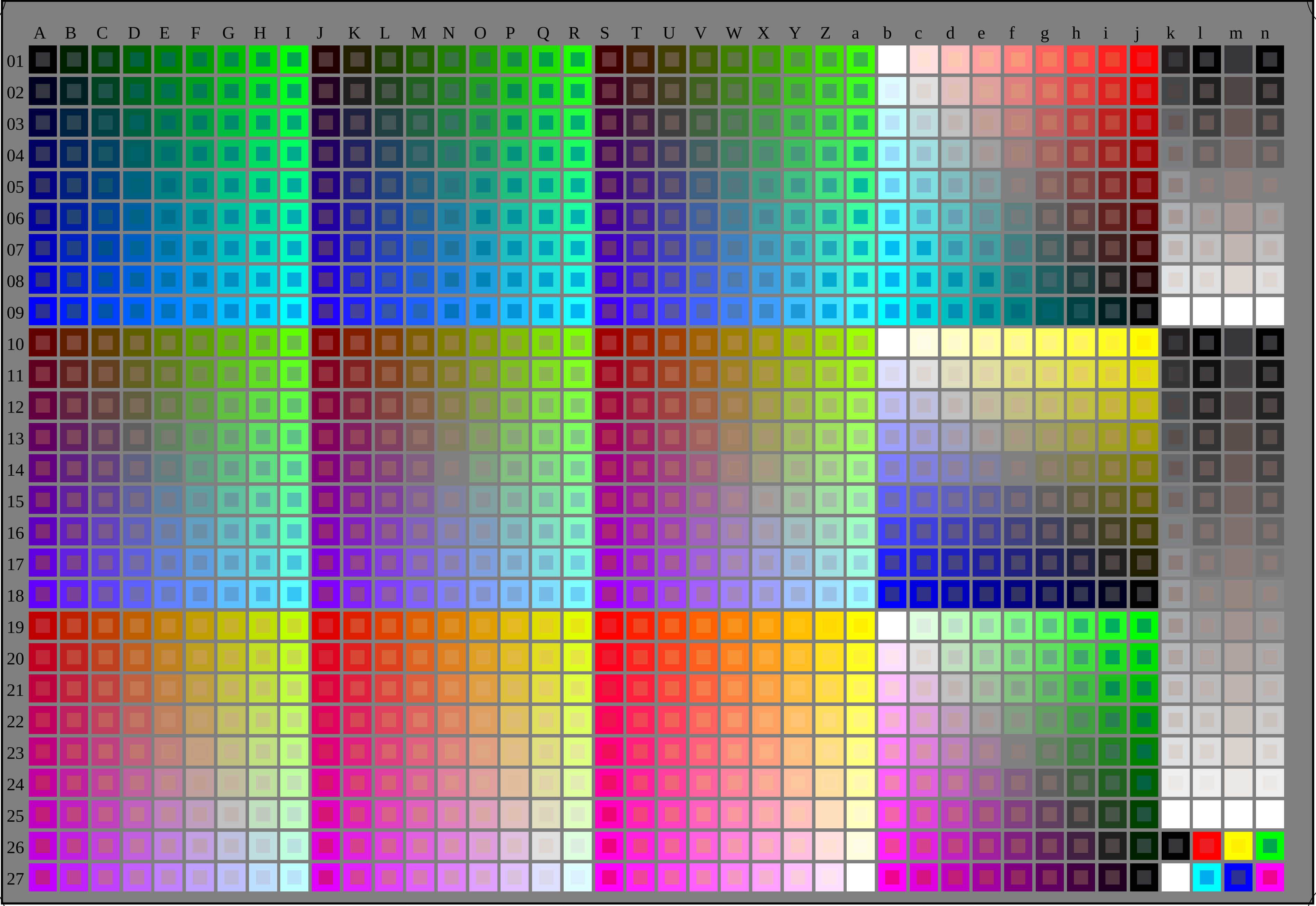
1-0033230-F0

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.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/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik



TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output

TUB material: code=rha4ta

RE670−7N_RGB 1−013030−L0

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

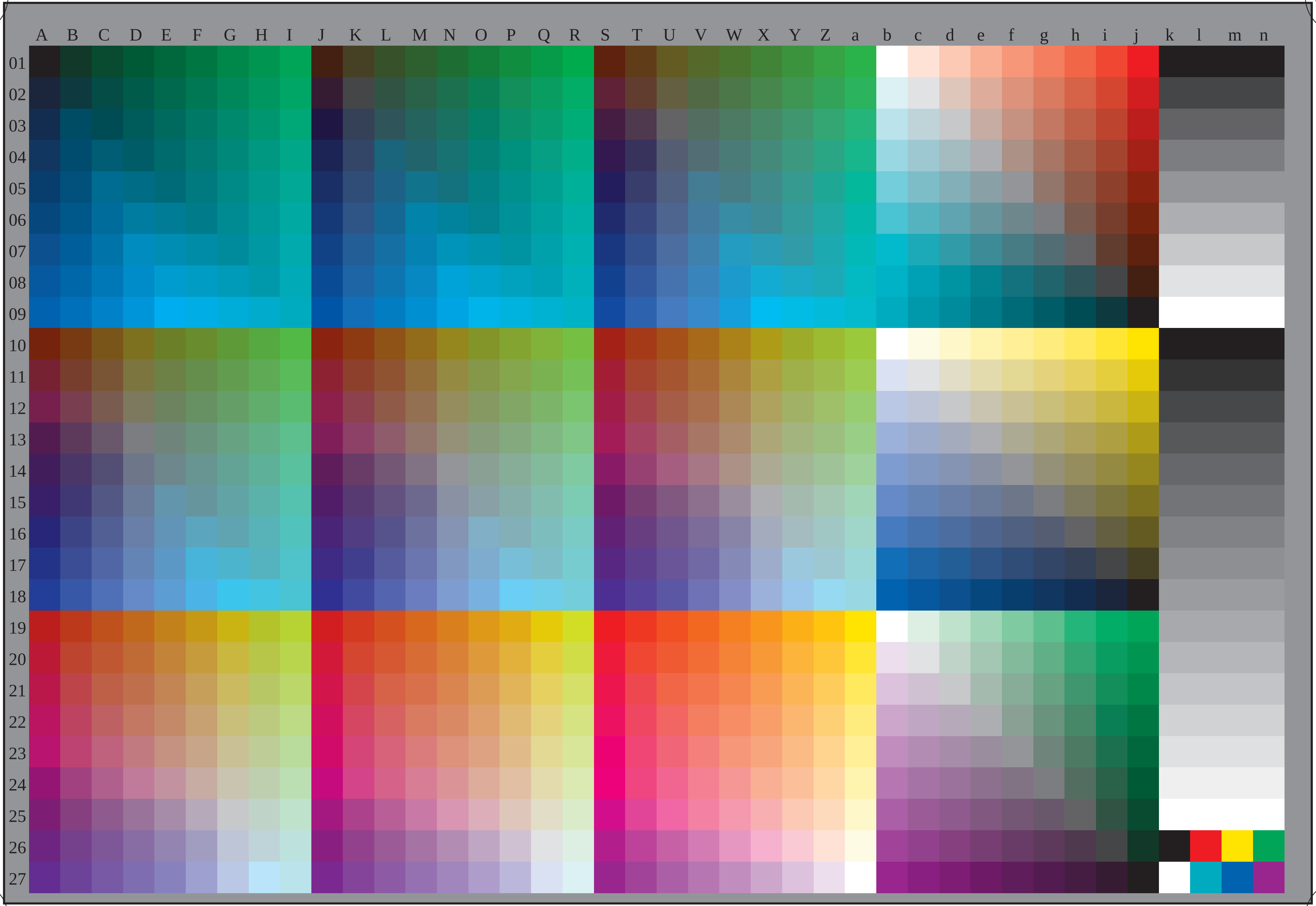
TUB-test chart RE67; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

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

RE6701P

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 2/33

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik



TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

RE670−71 1−013130−L0

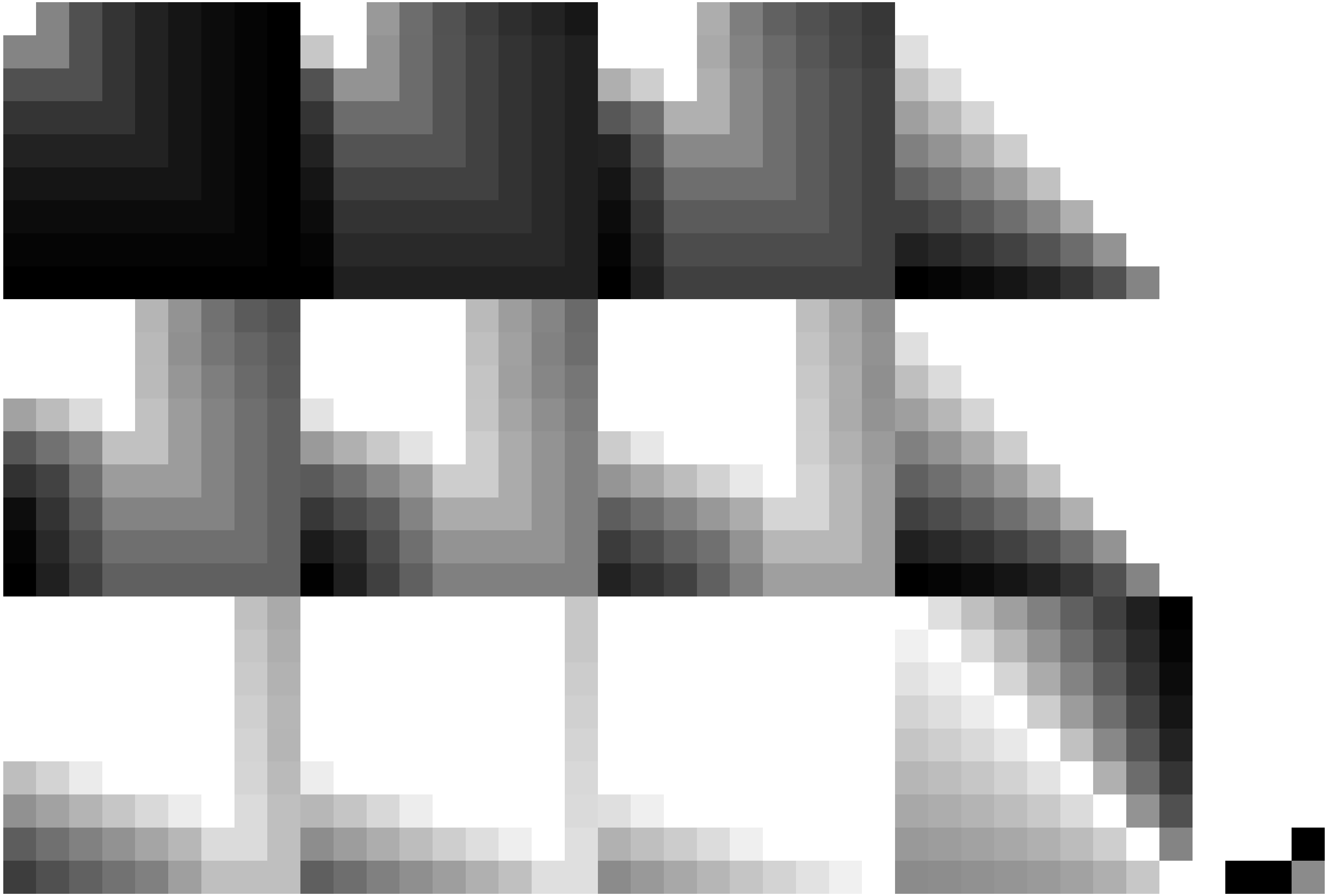
TUB-test chart RE67; 1080 standard colours, *cf*=1
Test chart according to DIN 33872, 3D=0, de=1, *cmyk*

input: *rgb/cmyk* −> *rgb*$_e$
output: transfer to *cmyk*$_e$

1−013130−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 3/33

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik



TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

RE670−71 1−013230−L0

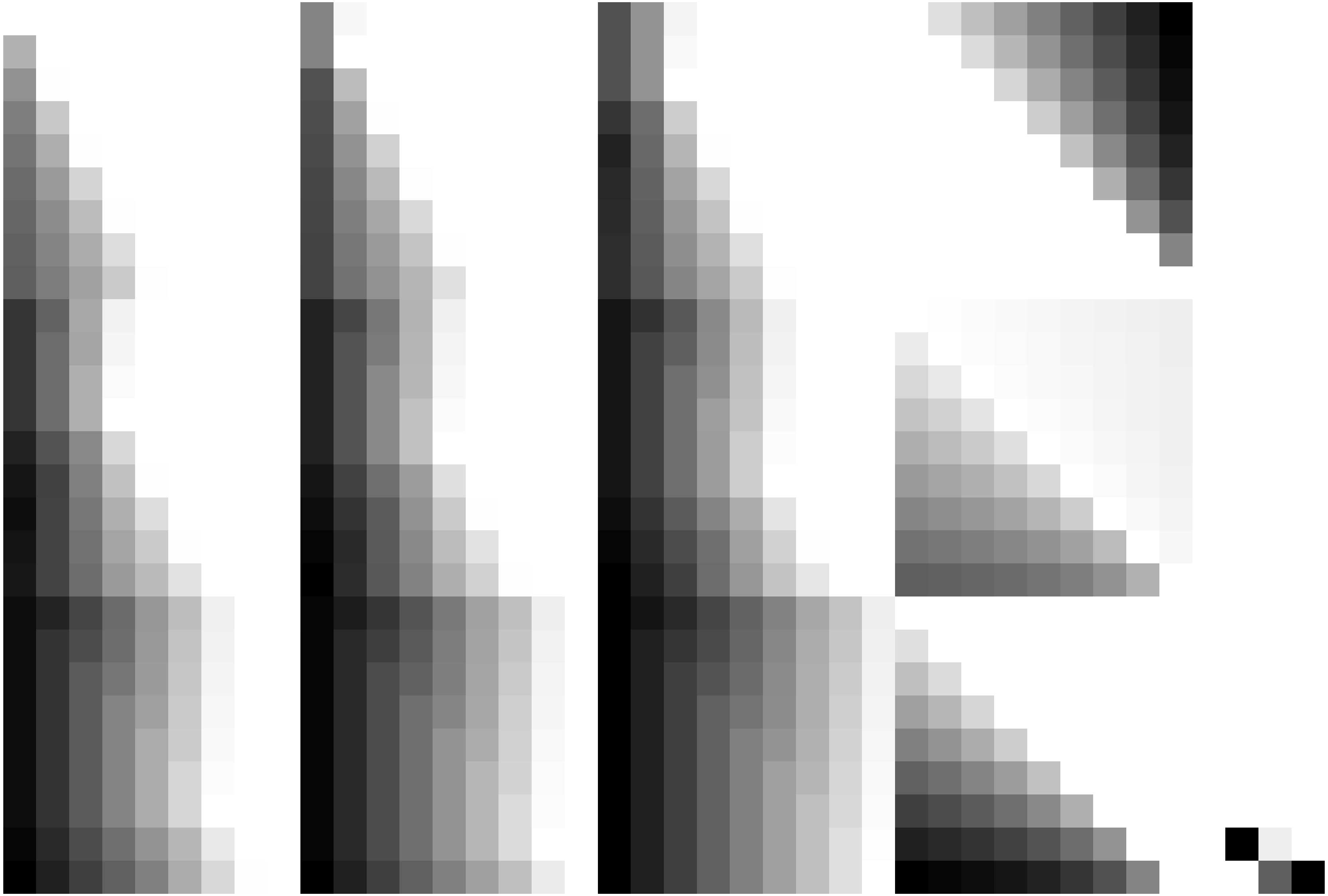
TUB-test chart RE67; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

input: *rgb/cmyk* −> *rgb*$_e$
output: transfer to *cmyk*$_e$

1−013230−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 4/33

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik



TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

RE670−71 1−013330−L0

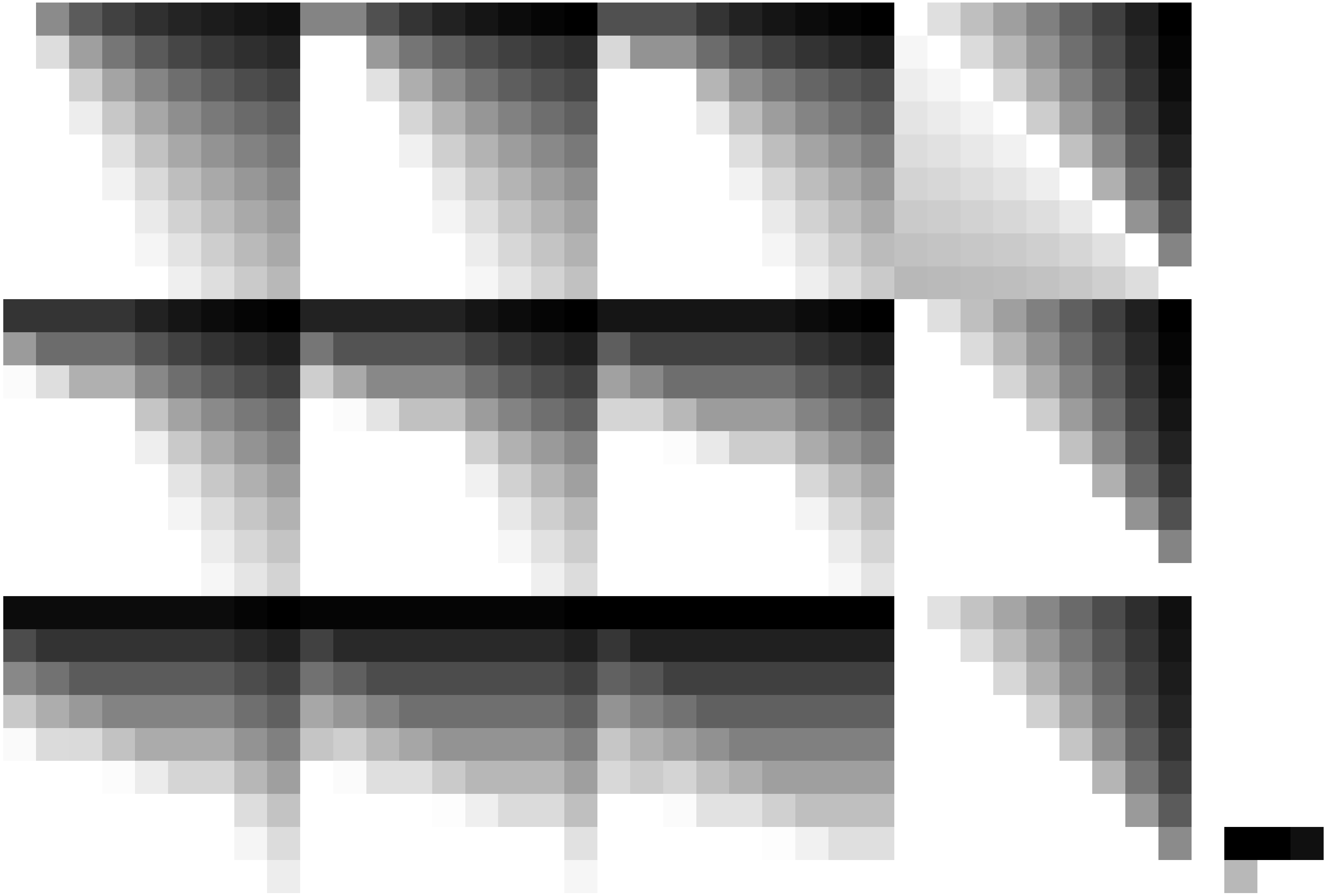
TUB-test chart RE67; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

input: *rgb/cmyk* −> *rgb*$_e$
output: transfer to *cmyk*$_e$

1−013330−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 5/33

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik



TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

RE670−71 1−013430−L0

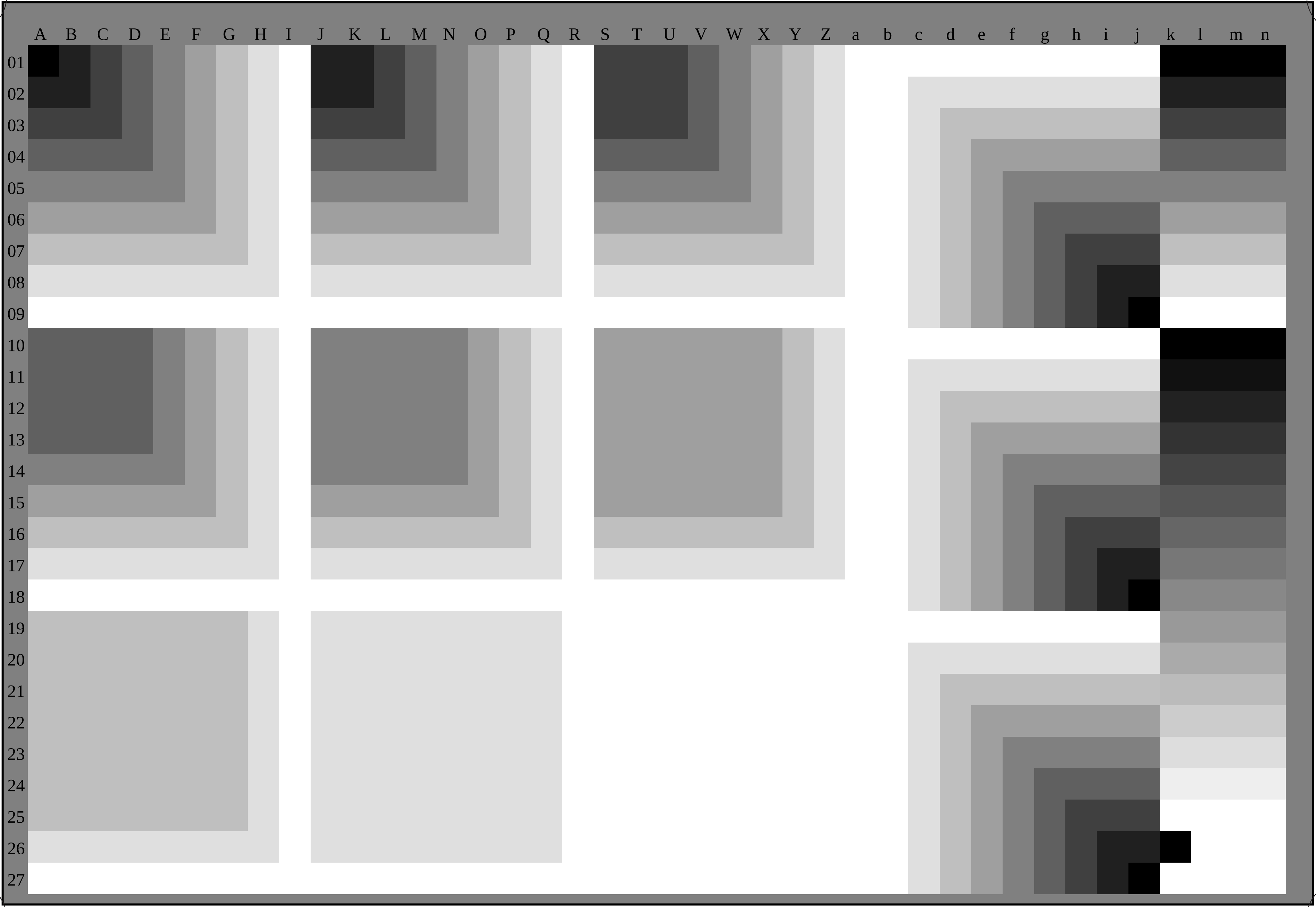
TUB-test chart RE67; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

input: *rgb/cmyk* −> rgb_e
output: transfer to $cmyk_e$

1−013430−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 6/33

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik



TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

RE670−71 1−013530−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 RE67; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

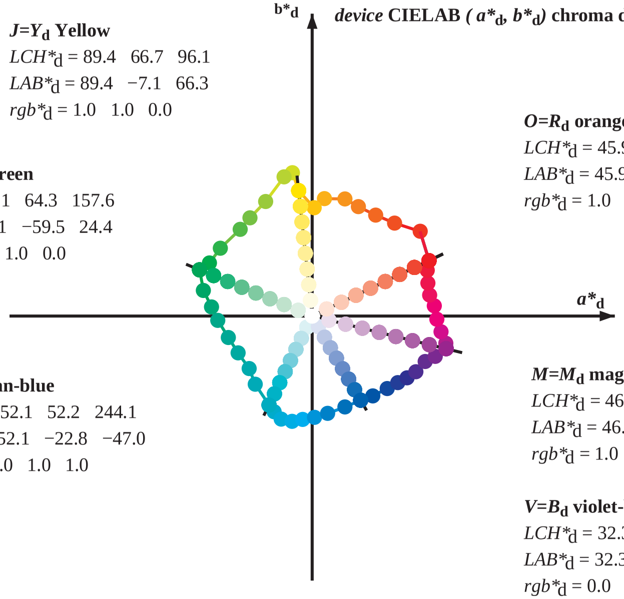
input: *rgb/cmyk* −> *rgb*$_e$
output: transfer to *cmyk*$_e$

1−013530−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 7/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6



device **CIELAB (a^*_d, b^*_d) chroma diagram**

J=Y$_d$ Yellow
LCH^*_d = 89.4 66.7 96.1
LAB^*_d = 89.4 −7.1 66.3
rgb^*_d = 1.0 1.0 0.0

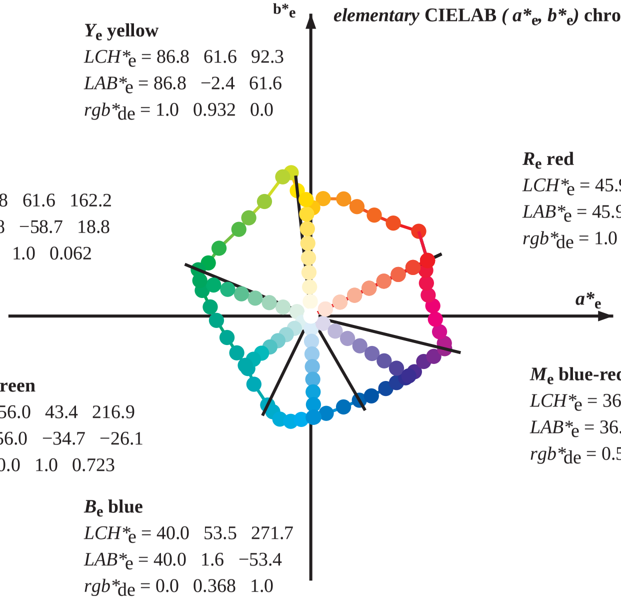
O=R$_d$ orange-red
LCH^*_d = 45.9 68.3 25.4
LAB^*_d = 45.9 61.7 29.3
rgb^*_d = 1.0 0.0 0.0

L=G$_d$ leaf-green
LCH^*_d = 54.1 64.3 157.6
LAB^*_d = 54.1 −59.5 24.4
rgb^*_d = 0.0 1.0 0.0

C=C$_d$ cyan-blue
LCH^*_d = 52.1 52.2 244.1
LAB^*_d = 52.1 −22.8 −47.0
rgb^*_d = 0.0 1.0 1.0

M=M$_d$ magenta-red
LCH^*_d = 46.8 72.8 346.2
LAB^*_d = 46.8 70.7 −17.3
rgb^*_d = 1.0 0.0 1.0

V=B$_d$ violet-blue
LCH^*_d = 32.3 51.4 299.9
LAB^*_d = 32.3 25.6 −44.5
rgb^*_d = 0.0 0.0 1.0



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

Y$_e$ yellow
LCH^*_e = 86.8 61.6 92.3
LAB^*_e = 86.8 −2.4 61.6
rgb^*_{de} = 1.0 0.932 0.0

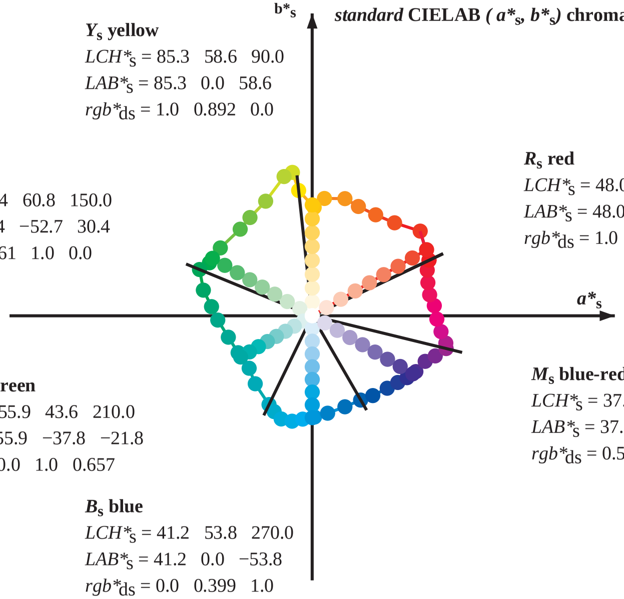
G$_e$ green
LCH^*_e = 53.8 61.6 162.2
LAB^*_e = 53.8 −58.7 18.8
rgb^*_{de} = 0.0 1.0 0.062

R$_e$ red
LCH^*_e = 45.9 68.4 25.4
LAB^*_e = 45.9 61.7 29.4
rgb^*_{de} = 1.0 0.0 0.0

C$_e$ blue-green
LCH^*_e = 56.0 43.4 216.9
LAB^*_e = 56.0 −34.7 −26.1
rgb^*_{de} = 0.0 1.0 0.723

M$_e$ blue-red
LCH^*_e = 36.4 60.6 328.6
LAB^*_e = 36.4 51.8 −31.6
rgb^*_{de} = 0.544 0.0 1.0

B$_e$ blue
LCH^*_e = 40.0 53.5 271.7
LAB^*_e = 40.0 1.6 −53.4
rgb^*_{de} = 0.0 0.368 1.0



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

Y$_s$ yellow
LCH^*_s = 85.3 58.6 90.0
LAB^*_s = 85.3 0.0 58.6
rgb^*_{ds} = 1.0 0.892 0.0

G$_s$ green
LCH^*_s = 58.4 60.8 150.0
LAB^*_s = 58.4 −52.7 30.4
rgb^*_{ds} = 0.161 1.0 0.0

R$_s$ red
LCH^*_s = 48.0 69.8 30.0
LAB^*_s = 48.0 60.5 34.9
rgb^*_{ds} = 1.0 0.045 0.0

C$_s$ blue-green
LCH^*_s = 55.9 43.6 210.0
LAB^*_s = 55.9 −37.8 −21.8
rgb^*_{ds} = 0.0 1.0 0.657

M$_s$ blue-red
LCH^*_s = 37.2 61.3 330.0
LAB^*_s = 37.2 53.1 −30.6
rgb^*_{ds} = 0.58 0.0 1.0

B$_s$ blue
LCH^*_s = 41.2 53.8 270.0
LAB^*_s = 41.2 0.0 −53.8
rgb^*_{ds} = 0.0 0.399 1.0

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

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

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

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

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

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

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

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

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

5. For any elementary hue angle $h_{ab,e}$ there is a well defined device hue angle $h_{ab,d}$ see the following tables, columns 1 to 5 or 1 to 4.
6. The values rgb^*_{de} produce the output of the device-independent elementary hues

RE670−71 1−013630−L0 LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 7/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_e$
output: transfer to *cmyk*$_e$

1−013630−F0

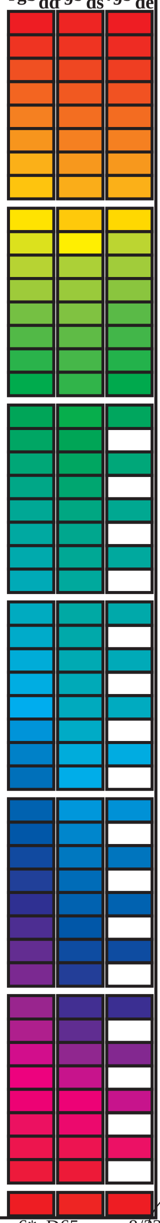
see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 8/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd64M			*LAB**ddx64M (x=LabCh)					*rgb**ddx361M			*LAB**ddx361M (x=LabCh)					*rgb**dsx361M			*LAB**dsx361M (x=LabCh)					*rgb**dex361M			*LAB**dex361M				
25.4	30.0	25.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4	1.0	0.0	0.0	45.9	61.8	29.3	68.4	25	1.0	0.045	0.0	48.1	60.5	34.9	69.9	30	1.0	0.001	0.0	45.9	61.8	29.4	68.4	25
38.1	37.5	33.8	1.0	0.125	0.0	51.8	57.0	44.8	72.5	38.1	1.0	0.117	0.0	51.5	57.5	43.8	72.3	37	1.0	0.114	0.0	51.3	57.7	43.4	72.2	37	1.0	0.077	0.0	49.6	59.3	38.9	71.0	33
48.4	45.0	42.1	1.0	0.25	0.0	58.5	43.6	49.1	65.7	48.4	1.0	0.25	0.0	58.5	43.6	49.2	65.7	48	1.0	0.208	0.0	56.3	48.1	48.1	68.0	45	1.0	0.174	0.0	54.5	51.8	46.9	69.9	42
57.8	52.5	50.5	1.0	0.375	0.0	64.3	33.5	53.4	63.0	57.8	1.0	0.367	0.0	63.9	34.2	53.2	63.2	57	1.0	0.297	0.0	60.7	39.8	51.0	64.7	52	1.0	0.271	0.0	59.5	42.0	50.0	65.3	49
67.1	60.0	58.8	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1	1.0	0.5	0.0	69.6	24.4	57.9	62.8	67	1.0	0.404	0.0	65.5	31.5	54.6	63.0	60	1.0	0.389	0.0	64.9	32.6	54.0	63.0	58
74.3	67.5	67.2	1.0	0.625	0.0	73.7	17.3	61.9	64.3	74.3	1.0	0.617	0.0	73.5	17.9	61.7	64.3	73	1.0	0.498	0.0	69.5	24.5	57.8	62.8	67	1.0	0.494	0.0	69.3	24.9	57.7	62.8	66
83.9	75.0	75.6	1.0	0.75	0.0	80.6	6.5	62.0	62.4	83.9	1.0	0.75	0.0	80.6	6.5	62.1	62.4	83	1.0	0.633	0.0	74.2	16.6	62.1	64.2	75	1.0	0.641	0.0	74.7	15.9	62.1	64.1	75
88.9	82.5	83.9	1.0	0.875	0.0	84.6	1.0	57.3	57.3	88.9	1.0	0.867	0.0	84.4	1.4	57.7	57.7	88	1.0	0.724	0.0	79.2	8.7	62.2	62.8	82	1.0	0.742	0.0	80.2	7.2	62.1	62.6	83
96.1	90.0	92.3	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1	1.0	1.0	0.0	89.5	−7.1	66.4	66.7	96	1.0	0.893	0.0	85.3	0.0	58.7	58.7	90	1.0	0.933	0.0	86.9	−2.4	61.6	61.7	92
97.8	97.5	101.0	0.875	1.0	0.0	91.1	−10.3	75.8	76.5	97.8	0.883	1.0	0.0	91.0	−10.1	75.3	75.9	97	0.936	1.0	0.0	90.3	−8.6	71.3	71.8	97	0.782	1.0	0.0	88.7	−13.6	74.3	75.5	100
101.3	105.0	109.7	0.75	1.0	0.0	87.9	−14.8	73.6	75.1	101.3	0.75	1.0	0.0	87.9	−14.7	73.7	75.1	101	0.708	1.0	0.0	85.1	−18.5	69.4	71.8	105	0.652	1.0	0.0	81.3	−22.8	63.5	67.5	109
112.0	112.5	118.5	0.625	1.0	0.0	79.4	−24.5	60.6	65.4	112.0	0.633	1.0	0.0	80.0	−24.0	61.5	66.1	111	0.626	1.0	0.0	79.5	−24.4	60.7	65.5	112	0.553	1.0	0.0	75.6	−29.5	55.8	63.2	117
122.3	120.0	127.2	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3	0.5	1.0	0.0	72.6	−32.8	52.0	61.5	122	0.528	1.0	0.0	74.2	−31.1	54.0	62.4	120	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127
129.7	127.5	136.0	0.375	1.0	0.0	68.1	−38.1	45.8	59.6	129.7	0.383	1.0	0.0	68.4	−37.7	46.3	59.7	129	0.421	1.0	0.0	69.8	−36.2	48.2	60.3	127	0.323	1.0	0.0	65.4	−42.6	42.1	59.9	135
143.4	135.0	144.7	0.25	1.0	0.0	61.4	−48.5	35.9	60.3	143.4	0.25	1.0	0.0	61.5	−48.4	35.9	60.4	143	0.327	1.0	0.0	65.6	−42.3	42.4	59.9	135	0.233	1.0	0.0	60.9	−49.3	34.9	60.5	144
152.6	142.5	153.4	0.125	1.0	0.0	57.2	−54.2	28.0	61.0	152.6	0.133	1.0	0.0	57.5	−53.8	28.6	61.0	152	0.264	1.0	0.0	62.2	−47.4	37.1	60.3	142	0.119	1.0	0.0	57.1	−54.4	27.9	61.2	152
157.6	150.0	162.2	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6	0.0	1.0	0.0	54.1	−59.4	24.5	64.4	157	0.161	1.0	0.0	58.5	−52.6	30.4	60.9	150	0.0	1.0	0.063	53.9	−58.6	18.8	61.7	162
166.7	157.5	169.0	0.0	1.0	0.125	53.6	−57.4	13.5	59.0	166.7	0.0	1.0	0.117	53.7	−57.6	14.2	59.4	166	0.016	1.0	0.0	54.6	−58.7	25.0	63.9	157	0.0	1.0	0.154	53.6	−56.5	11.4	57.7	168
174.8	165.0	175.9	0.0	1.0	0.25	53.7	−53.2	4.8	53.4	174.8	0.0	1.0	0.25	53.8	−53.1	4.8	53.4	174	0.0	1.0	0.101	53.7	−57.9	15.5	60.1	165	0.0	1.0	0.267	53.9	−52.7	3.8	53.0	175
182.6	172.5	182.7	0.0	1.0	0.375	54.4	−49.8	−2.2	49.9	182.6	0.0	1.0	0.367	54.4	−50.0	−1.7	50.2	182	0.0	1.0	0.206	53.7	−54.8	7.7	55.4	172	0.0	1.0	0.37	54.4	−49.9	−1.9	50.1	182
194.3	180.0	189.6	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3	0.0	1.0	0.5	55.5	−44.2	−11.2	45.7	194	0.0	1.0	0.333	54.2	−51.0	0.0	51.1	180	0.0	1.0	0.45	55.0	−46.7	−7.8	47.4	189
206.4	187.5	196.4	0.0	1.0	0.625	55.9	−39.1	−19.5	43.7	206.4	0.0	1.0	0.617	55.9	−39.5	−18.9	43.9	205	0.0	1.0	0.422	54.8	−47.9	−5.8	48.4	187	0.0	1.0	0.517	55.5	−43.6	−12.4	45.5	195
219.8	195.0	203.2	0.0	1.0	0.75	56.0	−33.2	−27.7	43.3	219.8	0.0	1.0	0.75	56.0	−33.2	−27.7	43.4	219	0.0	1.0	0.507	55.5	−44.0	−11.7	45.6	195	0.0	1.0	0.592	55.8	−40.6	−17.4	44.3	203
230.0	202.5	210.1	0.0	1.0	0.875	54.4	−30.1	−36.0	46.9	230.0	0.0	1.0	0.867	54.5	−30.3	−35.4	46.7	229	0.0	1.0	0.579	55.8	−41.1	−16.6	44.5	202	0.0	1.0	0.655	56.0	−37.8	−21.5	43.7	209
244.1	210.0	216.9	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1	0.0	1.0	1.0	52.1	−22.7	−46.9	52.3	244	0.0	1.0	0.658	56.0	−37.7	−21.7	43.7	210	0.0	1.0	0.723	56.0	−34.6	−26.0	43.4	216
248.3	217.5	223.8	0.0	0.875	1.0	51.4	−20.0	−50.6	54.4	248.3	0.0	0.883	1.0	51.5	−20.2	−50.3	54.3	248	0.0	1.0	0.724	56.0	−34.6	−26.0	43.4	217	0.0	1.0	0.793	55.5	−32.3	−30.5	44.6	223
253.2	225.0	230.6	0.0	0.75	1.0	51.5	−16.4	−54.5	56.9	253.2	0.0	0.75	1.0	51.6	−16.3	−54.4	57.0	253	0.0	1.0	0.813	55.2	−31.8	−31.8	45.2	225	0.0	1.0	0.88	54.3	−29.8	−36.4	47.2	230
259.2	232.5	237.5	0.0	0.625	1.0	49.3	−10.5	−55.7	56.7	259.2	0.0	0.633	1.0	49.5	−10.9	−55.6	56.8	258	0.0	1.0	0.892	54.1	−29.3	−37.5	47.7	232	0.0	1.0	0.937	53.3	−26.9	−41.5	49.6	237
264.7	240.0	244.3	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7	0.0	0.5	1.0	45.4	−5.0	−54.6	54.9	264	0.0	1.0	0.963	52.8	−25.3	−43.8	50.7	240	0.0	0.993	1.0	52.1	−22.6	−47.2	52.4	244
271.3	247.5	251.2	0.0	0.375	1.0	40.2	1.2	−53.5	53.5	271.3	0.0	0.383	1.0	40.6	0.8	−53.6	53.7	270	0.0	0.915	1.0	51.6	−20.9	−49.4	53.8	247	0.0	0.814	1.0	51.5	−18.3	−52.5	55.7	250
278.9	255.0	258.0	0.0	0.25	1.0	35.8	8.1	−51.5	52.1	278.9	0.0	0.25	1.0	35.8	8.2	−51.4	52.2	278	0.0	0.713	1.0	50.9	−14.6	−54.9	56.9	255	0.0	0.65	1.0	49.8	−11.7	−55.5	56.8	258
289.8	262.5	264.8	0.0	0.125	1.0	34.5	17.3	−48.1	51.1	289.8	0.0	0.133	1.0	34.7	16.8	−48.3	51.2	289	0.0	0.562	1.0	47.4	−7.7	−55.2	55.8	262	0.0	0.506	1.0	45.6	−5.2	−54.6	55.0	264
299.9	270.0	271.7	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9	0.0	0.0	1.0	32.4	25.7	−44.5	51.4	299	0.0	0.4	1.0	41.3	0.0	−53.8	53.9	270	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271
307.1	277.5	278.8	0.125	0.0	1.0	31.4	32.0	−42.2	53.0	307.1	0.117	0.0	1.0	31.5	31.6	−42.3	52.9	306	0.0	0.282	1.0	37.0	6.4	−52.1	52.5	277	0.0	0.26	1.0	36.2	7.6	−51.6	52.3	278
315.9	285.0	285.9	0.25	0.0	1.0	30.9	39.6	−38.3	55.1	315.9	0.25	0.0	1.0	30.9	39.7	−38.3	55.2	315	0.0	0.181	1.0	35.1	13.4	−49.8	51.6	285	0.0	0.17	1.0	35.0	14.2	−49.4	51.5	285
322.1	292.5	293.0	0.375	0.0	1.0	33.0	45.3	−35.2	57.3	322.1	0.367	0.0	1.0	32.9	44.9	−35.4	57.3	321	0.0	0.098	1.0	34.1	19.2	−47.4	51.2	292	0.0	0.091	1.0	34.0	19.7	−47.2	51.2	292
326.8	300.0	300.1	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326	0.001	0.0	1.0	32.4	25.7	−44.4	51.4	300	0.004	0.0	1.0	32.3	25.9	−44.4	51.5	300
331.7	307.5	307.2	0.625	0.0	1.0	38.2	54.8	−29.4	62.2	331.7	0.617	0.0	1.0	38.1	54.5	−29.6	62.1	331	0.122	0.0	1.0	31.4	31.9	−42.2	53.0	307	0.119	0.0	1.0	31.5	31.7	−42.3	52.9	306
338.0	315.0	314.3	0.75	0.0	1.0	40.5	59.7	−24.0	64.3	338.0	0.75	0.0	1.0	40.6	59.7	−24.0	64.4	338	0.236	0.0	1.0	31.0	38.9	−38.8	55.0	315	0.227	0.0	1.0	31.0	38.3	−39.1	54.8	314
341.8	322.5	321.4	0.875	0.0	1.0	43.0	65.0	−21.2	68.4	341.8	0.867	0.0	1.0	42.9	64.7	−21.4	68.1	341	0.372	0.0	1.0	33.0	45.2	−35.2	57.3	322	0.352	0.0	1.0	32.7	44.3	−35.8	57.0	321
346.2	330.0	328.6	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2	1.0	0.0	1.0	46.8	70.8	−17.2	72.9	346	0.58	0.0	1.0	37.3	53.2	−30.6	61.4	330	0.545	0.0	1.0	36.4	51.8	−31.5	60.7	328
348.4	337.5	335.7	1.0	0.0	0.875	46.1	70.6	−14.4	72.0	348.4	1.0	0.0	0.883	46.2	70.6	−14.5	72.1	348	0.729	0.0	1.0	40.2	58.9	−24.9	64.0	337	0.694	0.0	1.0	39.5	57.6	−26.5	63.4	335
353.0	345.0	342.8	1.0	0.0	0.75	45.3	68.1	−8.3	68.6	353.0	1.0	0.0	0.75	45.4	68.1	−8.2	68.6	353	0.964	0.0	1.0	45.8	69.1	−18.4	71.6	345	0.902	0.0	1.0	43.9	66.3	−20.4	69.4	342
358.5	352.5	349.9	1.0	0.0	0.625	45.1	65.9	−1.7	65.9	358.5	1.0	0.0	0.633	45.1	66.1	−2.0	66.2	358	1.0	0.0	0.778	45.6	68.7	−9.6	69.4	352	1.0	0.0	0.848	46.0	70.1	−12.9	71.3	349
364.7	360.0	357.0	1.0	0.0	0.5	44.4	64.5	5.3	64.7	364.7	1.0	0.0	0.5	44.5	64.5	5.4	64.7	364	1.0	0.0	0.595	45.0	65.7	0.0	65.7	360	1.0	0.0	0.776	45.6	68.7	−9.5	69.4	352
370.1	367.5	364.1	1.0	0.0	0.375	44.8	62.0	11.0	63.0	370.1	1.0	0.0	0.383	44.8	62.3	10.7	63.2	369	1.0	0.0	0.448	44.6	63.6	7.8	64.0	367	1.0	0.0	0.598	45.0	65.7	−0.1	65.7	359
375.9	375.0	371.2	1.0	0.0	0.25	45.0	61.1	17.4	63.6	375.9	1.0	0.0	0.25	45.1	61.2	17.5	63.6	375	1.0	0.0	0.271	45.0	61.4	16.4	63.5	375	1.0	0.0	0.407	44.7	62.8	9.7	63.5	368
381.6	382.5	378.3	1.0	0.0	0.125	46.0	60.8	24.1	65.4	381.6	1.0	0.0	0.133	46.0	60.9	23.7	65.4	381	1.0	0.0	0.113	46.0	61.0	24.6	65.8	382	1.0	0.0	0.237	45.2	61.2	18.2	63.8	376
385.4	390.0	385.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	385.4	1.0	0.0	0.0	45.9	61.8	29.3	68.4	385	1.0	0.045	0.0	48.1	60.5	34.9	69.9	390	1.0	0.001	0.0	45.9	61.8	29.4	68.4	385



RE670−71 1−013730−L0

LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmyn6*, D65, page 8/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_e$
output: transfer to *cmyk*$_e$

1−013730−F0

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

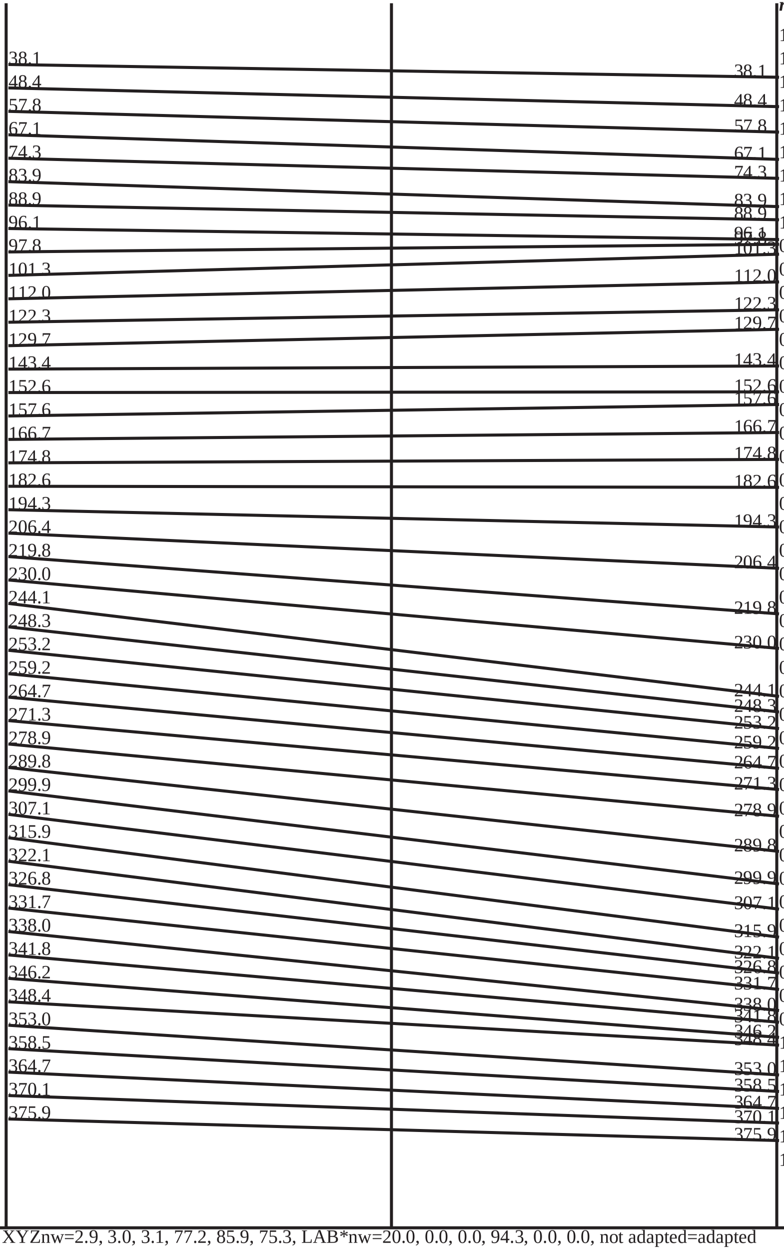
http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 9/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

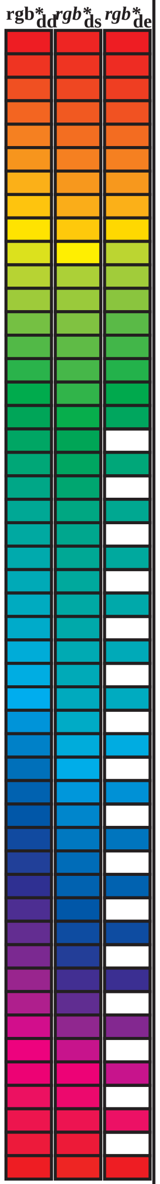
TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd64M			*LAB**ddx64M (x=LabCh)				
25.4	30.0	25.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4
38.1	37.5	33.8	1.0	0.125	0.0	51.8	57.0	44.8	72.5	38.1
48.4	45.0	42.1	1.0	0.25	0.0	58.5	43.6	49.1	65.7	48.4
57.8	52.5	50.5	1.0	0.375	0.0	64.3	33.5	53.4	63.0	57.8
67.1	60.0	58.8	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1
74.3	67.5	67.2	1.0	0.625	0.0	73.7	17.3	61.9	64.3	74.3
83.9	75.0	75.6	1.0	0.75	0.0	80.6	6.5	62.0	62.4	83.9
88.9	82.5	83.9	1.0	0.875	0.0	84.6	1.0	57.3	57.3	88.9
96.1	90.0	92.3	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1
97.8	97.5	101.0	0.875	1.0	0.0	91.1	−10.3	75.8	76.5	97.8
101.3	105.0	109.7	0.75	1.0	0.0	87.9	−14.8	73.6	75.1	101.3
112.0	112.5	118.5	0.625	1.0	0.0	79.4	−24.5	60.6	65.4	112.0
122.3	120.0	127.2	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3
129.7	127.5	136.0	0.375	1.0	0.0	68.1	−38.1	45.8	59.6	129.7
143.4	135.0	144.7	0.25	1.0	0.0	61.4	−48.5	35.9	60.3	143.4
152.6	142.5	153.4	0.125	1.0	0.0	57.2	−54.2	28.0	61.0	152.6
157.6	150.0	162.2	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6
166.7	157.5	169.0	0.0	1.0	0.125	53.6	−57.4	13.5	59.0	166.7
174.8	165.0	175.9	0.0	1.0	0.25	53.7	−53.2	4.8	53.4	174.8
182.6	172.5	182.7	0.0	1.0	0.375	54.4	−49.8	−2.2	49.9	182.6
194.3	180.0	189.6	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3
206.4	187.5	196.4	0.0	1.0	0.625	55.9	−39.1	−19.5	43.7	206.4
219.8	195.0	203.2	0.0	1.0	0.75	56.0	−33.2	−27.7	43.3	219.8
230.0	202.5	210.1	0.0	1.0	0.875	54.4	−30.1	−36.0	46.9	230.0
244.1	210.0	216.9	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1
248.3	217.5	223.8	0.0	0.875	1.0	51.4	−20.0	−50.6	54.4	248.3
253.2	225.0	230.6	0.0	0.75	1.0	51.5	−16.4	−54.5	56.9	253.2
259.2	232.5	237.5	0.0	0.625	1.0	49.3	−10.5	−55.7	56.7	259.2
264.7	240.0	244.3	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7
271.3	247.5	251.2	0.0	0.375	1.0	40.2	1.2	−53.5	53.5	271.3
278.9	255.0	258.0	0.0	0.25	1.0	35.8	8.1	−51.5	52.1	278.9
289.8	262.5	264.8	0.0	0.125	1.0	34.5	17.3	−48.1	51.1	289.8
299.9	270.0	271.7	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9
307.1	277.5	278.8	0.125	0.0	1.0	31.4	32.0	−42.2	53.0	307.1
315.9	285.0	285.9	0.25	0.0	1.0	30.9	39.6	−38.3	55.1	315.9
322.1	292.5	293.0	0.375	0.0	1.0	33.0	45.3	−35.2	57.3	322.1
326.8	300.0	300.1	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8
331.7	307.5	307.2	0.625	0.0	1.0	38.2	54.8	−29.4	62.2	331.7
338.0	315.0	314.3	0.75	0.0	1.0	40.5	59.7	−24.0	64.3	338.0
341.8	322.5	321.4	0.875	0.0	1.0	43.0	65.0	−21.2	68.4	341.8
346.2	330.0	328.6	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2
348.4	337.5	335.7	1.0	0.0	0.875	46.1	70.6	−14.4	72.0	348.4
353.0	345.0	342.8	1.0	0.0	0.75	45.3	68.1	−8.3	68.6	353.0
358.5	352.5	349.9	1.0	0.0	0.625	45.1	65.9	−1.7	65.9	358.5
364.7	360.0	357.0	1.0	0.0	0.5	44.4	64.5	5.3	64.7	364.7
370.1	367.5	364.1	1.0	0.0	0.375	44.8	62.0	11.0	63.0	370.1
375.9	375.0	371.2	1.0	0.0	0.25	45.0	61.1	17.4	63.6	375.9
381.6	382.5	378.3	1.0	0.0	0.125	46.0	60.8	24.1	65.4	381.6
385.4	390.0	385.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	385.4



*rgb**dex361M			*LAB**dex361M				
1.0	0.001	0.0	45.9	61.8	29.4	68.4	25
1.0	0.077	0.0	49.6	59.3	38.9	71.0	33
1.0	0.174	0.0	54.5	51.8	46.9	69.9	42
1.0	0.271	0.0	59.5	42.0	50.0	65.3	49
1.0	0.389	0.0	64.9	32.6	54.0	63.0	58
1.0	0.494	0.0	69.3	24.9	57.7	62.8	66
1.0	0.641	0.0	74.7	15.9	62.1	64.1	75
1.0	0.742	0.0	80.2	7.2	62.1	62.6	83
1.0	0.933	0.0	86.9	−2.4	61.6	61.7	92
0.782	1.0	0.0	88.7	−13.6	74.3	75.5	100
0.652	1.0	0.0	81.3	−22.8	63.5	67.5	109
0.553	1.0	0.0	75.6	−29.5	55.8	63.2	117
0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127
0.323	1.0	0.0	65.4	−42.6	42.1	59.9	135
0.233	1.0	0.0	60.9	−49.3	34.9	60.5	144
0.119	1.0	0.0	57.1	−54.4	27.9	61.2	152
0.0	1.0	0.063	53.9	−58.6	18.8	61.7	162
0.0	1.0	0.154	53.6	−56.5	11.4	57.7	168
0.0	1.0	0.267	53.9	−52.7	3.8	53.0	175
0.0	1.0	0.37	54.4	−49.9	−1.9	50.1	182
0.0	1.0	0.45	55.0	−46.7	−7.8	47.4	189
0.0	1.0	0.517	55.5	−43.6	−12.4	45.5	195
0.0	1.0	0.592	55.8	−40.6	−17.4	44.3	203
0.0	1.0	0.655	56.0	−37.8	−21.5	43.7	209
0.0	1.0	0.723	56.0	−34.6	−26.0	43.4	216
0.0	1.0	0.793	55.5	−32.3	−30.5	44.6	223
0.0	1.0	0.88	54.3	−29.8	−36.4	47.2	230
0.0	1.0	0.937	53.3	−26.9	−41.5	49.6	237
0.0	0.993	1.0	52.1	−22.6	−47.2	52.4	244
0.0	0.814	1.0	51.5	−18.3	−52.5	55.7	250
0.0	0.65	1.0	49.8	−11.7	−55.5	56.8	258
0.0	0.506	1.0	45.6	−5.2	−54.6	55.0	264
0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271
0.0	0.26	1.0	36.2	7.6	−51.6	52.3	278
0.0	0.17	1.0	35.0	14.2	−49.4	51.5	285
0.0	0.091	1.0	34.0	19.7	−47.2	51.2	292
0.004	0.0	1.0	32.3	25.9	−44.4	51.5	300
0.119	0.0	1.0	31.5	31.7	−42.3	52.9	306
0.227	0.0	1.0	31.0	38.3	−39.1	54.8	314
0.352	0.0	1.0	32.7	44.3	−35.8	57.0	321
0.545	0.0	1.0	36.4	51.8	−31.5	60.7	328
0.694	0.0	1.0	39.5	57.6	−26.5	63.4	335
0.902	0.0	1.0	43.9	66.3	−20.4	69.4	342
1.0	0.0	0.848	46.0	70.1	−12.9	71.3	349
1.0	0.0	0.776	45.6	68.7	−9.5	69.4	352
1.0	0.0	0.598	45.0	65.7	−0.1	65.7	359
1.0	0.0	0.407	44.7	62.8	9.7	63.5	368
1.0	0.0	0.237	45.2	61.2	18.2	63.8	376
1.0	0.001	0.0	45.9	61.8	29.4	68.4	385



RE670−71 1−013830−L0

LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted

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

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_e$
output: transfer to *cmyk*$_e$

1−013830−F0

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 10/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*dd361M			LAB^*ddx361Mi (x=LabCh)						rgb^*ds361Mi			LAB^*dsx361Mi (x=LabCh)						rgb^*dd361Mi			rgb^*de361Mi			LAB^*dex361Mi (x=LabCh)						rgb^*dd361Mi			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
25	30	25	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25	R_d	1.0	0.045	0.0	48.1	60.5	34.9	69.9	30	R_s	1.0	0.0	0.0	1.0	0.001	0.0	45.9	61.8	29.4	68.4	25	R_e	1.0	0.0	0.0	■	■	■
27	31	26	1.0	0.016	0.0	46.7	61.3	31.4	68.9	27		1.0	0.055	0.0	48.5	60.2	36.2	70.2	31		1.0	0.017	0.0	1.0	0.012	0.0	46.5	61.5	30.8	68.8	26		1.0	0.017	0.0	■	■	■
28	32	27	1.0	0.033	0.0	47.4	60.8	33.4	69.4	28		1.0	0.065	0.0	49.0	59.8	37.4	70.5	32		1.0	0.033	0.0	1.0	0.023	0.0	47.0	61.2	32.1	69.1	27		1.0	0.033	0.0	■	■	■
30	33	28	1.0	0.05	0.0	48.2	60.3	35.5	70.0	30		1.0	0.075	0.0	49.5	59.4	38.6	70.9	33		1.0	0.05	0.0	1.0	0.033	0.0	47.5	60.9	33.5	69.5	28		1.0	0.05	0.0	■	■	■
32	34	29	1.0	0.066	0.0	49.0	59.7	37.6	70.6	32		1.0	0.084	0.0	49.9	59.0	39.8	71.2	34		1.0	0.067	0.0	1.0	0.044	0.0	48.0	60.5	34.9	69.9	29		1.0	0.067	0.0	■	■	■
33	35	31	1.0	0.083	0.0	49.8	59.0	39.6	71.1	33		1.0	0.094	0.0	50.4	58.6	41.0	71.5	35		1.0	0.083	0.0	1.0	0.055	0.0	48.5	60.2	36.2	70.2	31		1.0	0.083	0.0	■	■	■
35	36	32	1.0	0.1	0.0	50.6	58.3	41.7	71.7	35		1.0	0.104	0.0	50.9	58.1	42.2	71.9	36		1.0	0.1	0.0	1.0	0.066	0.0	49.1	59.8	37.6	70.6	32		1.0	0.1	0.0	■	■	■
37	37	33	1.0	0.116	0.0	51.4	57.5	43.7	72.2	37		1.0	0.114	0.0	51.3	57.7	43.4	72.2	37		1.0	0.117	0.0	1.0	0.077	0.0	49.6	59.3	38.9	71.0	33		1.0	0.117	0.0	■	■	■
38	38	34	1.0	0.133	0.0	52.2	56.1	45.1	72.1	38		1.0	0.124	0.0	51.8	57.1	44.6	72.5	38		1.0	0.133	0.0	1.0	0.088	0.0	50.1	58.9	40.3	71.3	34		1.0	0.133	0.0	■	■	■
40	39	35	1.0	0.15	0.0	53.1	54.3	45.9	71.1	40		1.0	0.136	0.0	52.4	55.9	45.3	72.0	39		1.0	0.15	0.0	1.0	0.099	0.0	50.6	58.4	41.6	71.7	35		1.0	0.15	0.0	■	■	■
41	40	36	1.0	0.166	0.0	54.0	52.5	46.6	70.2	41		1.0	0.148	0.0	53.1	54.6	45.8	71.3	40		1.0	0.167	0.0	1.0	0.11	0.0	51.1	57.8	43.0	72.1	36		1.0	0.167	0.0	■	■	■
42	41	37	1.0	0.183	0.0	54.9	50.7	47.2	69.3	42		1.0	0.16	0.0	53.7	53.3	46.4	70.7	41		1.0	0.183	0.0	1.0	0.121	0.0	51.7	57.3	44.3	72.4	37		1.0	0.183	0.0	■	■	■
44	42	38	1.0	0.2	0.0	55.8	48.9	47.8	68.4	44		1.0	0.172	0.0	54.3	52.0	46.8	70.0	42		1.0	0.2	0.0	1.0	0.134	0.0	52.3	56.1	45.2	72.1	38		1.0	0.2	0.0	■	■	■
45	43	39	1.0	0.216	0.0	56.7	47.1	48.3	67.5	45		1.0	0.184	0.0	55.0	50.7	47.3	69.3	43		1.0	0.217	0.0	1.0	0.147	0.0	53.0	54.7	45.8	71.3	39		1.0	0.217	0.0	■	■	■
47	44	41	1.0	0.233	0.0	57.6	45.4	48.7	66.6	47		1.0	0.196	0.0	55.6	49.4	47.7	68.7	44		1.0	0.233	0.0	1.0	0.161	0.0	53.7	53.2	46.4	70.6	41		1.0	0.233	0.0	■	■	■
48	45	42	1.0	0.25	0.0	58.5	43.6	49.1	65.7	48		1.0	0.208	0.0	56.3	48.1	48.1	68.0	45		1.0	0.25	0.0	1.0	0.174	0.0	54.5	51.8	46.9	69.9	42		1.0	0.25	0.0	■	■	■
49	46	43	1.0	0.266	0.0	59.2	42.2	49.8	65.3	49		1.0	0.221	0.0	56.9	46.8	48.4	67.3	46		1.0	0.267	0.0	1.0	0.188	0.0	55.2	50.3	47.4	69.1	43		1.0	0.267	0.0	■	■	■
50	47	44	1.0	0.283	0.0	60.0	40.9	50.4	65.0	50		1.0	0.233	0.0	57.6	45.5	48.8	66.7	47		1.0	0.283	0.0	1.0	0.201	0.0	55.9	48.8	47.9	68.4	44		1.0	0.283	0.0	■	■	■
52	48	45	1.0	0.3	0.0	60.8	39.6	51.0	64.6	52		1.0	0.245	0.0	58.2	44.2	49.1	66.0	48		1.0	0.3	0.0	1.0	0.215	0.0	56.6	47.4	48.3	67.6	45		1.0	0.3	0.0	■	■	■
53	49	46	1.0	0.316	0.0	61.6	38.2	51.6	64.3	53		1.0	0.258	0.0	58.9	43.0	49.5	65.6	49		1.0	0.317	0.0	1.0	0.228	0.0	57.4	45.9	48.6	66.9	46		1.0	0.317	0.0	■	■	■
54	50	47	1.0	0.333	0.0	62.3	36.9	52.2	63.9	54		1.0	0.271	0.0	59.5	42.0	50.0	65.3	50		1.0	0.333	0.0	1.0	0.242	0.0	58.1	44.5	49.0	66.2	47		1.0	0.333	0.0	■	■	■
55	51	48	1.0	0.35	0.0	63.1	35.5	52.7	63.5	55		1.0	0.284	0.0	60.1	40.9	50.5	65.0	51		1.0	0.35	0.0	1.0	0.256	0.0	58.8	43.2	49.4	65.6	48		1.0	0.35	0.0	■	■	■
57	52	49	1.0	0.366	0.0	63.9	34.2	53.1	63.2	57		1.0	0.297	0.0	60.7	39.8	51.0	64.7	52		1.0	0.367	0.0	1.0	0.271	0.0	59.5	42.0	50.0	65.3	49		1.0	0.367	0.0	■	■	■
58	53	51	1.0	0.383	0.0	64.6	32.9	53.7	63.0	58		1.0	0.31	0.0	61.3	38.8	51.5	64.4	53		1.0	0.383	0.0	1.0	0.285	0.0	60.2	40.8	50.6	65.0	51		1.0	0.383	0.0	■	■	■
59	54	52	1.0	0.4	0.0	65.3	31.7	54.4	63.0	59		1.0	0.324	0.0	61.9	37.7	51.9	64.2	54		1.0	0.4	0.0	1.0	0.3	0.0	60.8	39.6	51.1	64.7	52		1.0	0.4	0.0	■	■	■
60	55	53	1.0	0.416	0.0	66.0	30.5	55.0	62.9	60		1.0	0.337	0.0	62.6	36.6	52.3	63.9	55		1.0	0.417	0.0	1.0	0.315	0.0	61.5	38.4	51.6	64.3	53		1.0	0.417	0.0	■	■	■
62	56	54	1.0	0.433	0.0	66.7	29.3	55.6	62.9	62		1.0	0.35	0.0	63.2	35.6	52.7	63.6	56		1.0	0.433	0.0	1.0	0.329	0.0	62.2	37.2	52.1	64.0	54		1.0	0.433	0.0	■	■	■
63	57	55	1.0	0.45	0.0	67.4	28.1	56.2	62.9	63		1.0	0.363	0.0	63.8	34.5	53.1	63.3	57		1.0	0.45	0.0	1.0	0.344	0.0	62.9	36.0	52.5	63.7	55		1.0	0.45	0.0	■	■	■
64	58	56	1.0	0.466	0.0	68.1	26.8	56.8	62.8	64		1.0	0.377	0.0	64.4	33.4	53.5	63.1	58		1.0	0.467	0.0	1.0	0.359	0.0	63.6	34.8	53.0	63.4	56		1.0	0.467	0.0	■	■	■
65	59	57	1.0	0.483	0.0	68.8	25.6	57.3	62.8	65		1.0	0.39	0.0	65.0	32.5	54.0	63.0	59		1.0	0.483	0.0	1.0	0.374	0.0	64.3	33.6	53.4	63.1	57		1.0	0.483	0.0	■	■	■
67	60	58	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67		1.0	0.404	0.0	65.5	31.5	54.6	63.0	60		1.0	0.5	0.0	1.0	0.389	0.0	64.9	32.6	54.0	63.0	58		1.0	0.5	0.0	■	■	■
68	61	60	1.0	0.516	0.0	70.1	23.5	58.4	63.0	68		1.0	0.417	0.0	66.1	30.5	55.1	63.0	61		1.0	0.517	0.0	1.0	0.404	0.0	65.5	31.5	54.6	63.0	60		1.0	0.517	0.0	■	■	■
69	62	61	1.0	0.533	0.0	70.6	22.5	59.0	63.2	69		1.0	0.431	0.0	66.7	29.6	55.6	63.0	62		1.0	0.533	0.0	1.0	0.419	0.0	66.2	30.4	55.1	63.0	61		1.0	0.533	0.0	■	■	■
70	63	62	1.0	0.55	0.0	71.2	21.6	59.6	63.4	70		1.0	0.444	0.0	67.2	28.6	56.1	62.9	63		1.0	0.55	0.0	1.0	0.434	0.0	66.8	29.3	55.7	62.9	62		1.0	0.55	0.0	■	■	■
70	64	63	1.0	0.566	0.0	71.8	20.7	60.1	63.6	70		1.0	0.458	0.0	67.8	27.6	56.5	62.9	64		1.0	0.567	0.0	1.0	0.449	0.0	67.4	28.2	56.2	62.9	63		1.0	0.567	0.0	■	■	■
71	65	64	1.0	0.583	0.0	72.3	19.7	60.7	63.8	71		1.0	0.471	0.0	68.3	26.6	57.0	62.9	65		1.0	0.583	0.0	1.0	0.464	0.0	68.0	27.1	56.7	62.9	64		1.0	0.583	0.0	■	■	■
72	66	65	1.0	0.6	0.0	72.9	18.8	61.2	64.0	72		1.0	0.485	0.0	68.9	25.6	57.4	62.8	66		1.0	0.6	0.0	1.0	0.479	0.0	68.7	26.0	57.2	62.9	65		1.0	0.6	0.0	■	■	■
73	67	66	1.0	0.616	0.0	73.4	17.8	61.7	64.2	73		1.0	0.498	0.0	69.5	24.5	57.8	62.8	67		1.0	0.617	0.0	1.0	0.494	0.0	69.3	24.9	57.7	62.8	66		1.0	0.617	0.0	■	■	■
74	68	67	1.0	0.633	0.0	74.2	16.6	62.0	64.2	74		1.0	0.515	0.0	70.1	23.6	58.4	63.0	68		1.0	0.633	0.0	1.0	0.511	0.0	69.9	23.8	58.3	63.0	67		1.0	0.633	0.0	■	■	■
76	69	68	1.0	0.65	0.0	75.1	15.1	62.1	63.9	76		1.0	0.532	0.0	70.6	22.7	59.0	63.2	69		1.0	0.65	0.0	1.0	0.531	0.0	70.6	22.7	59.0	63.2	68		1.0	0.65	0.0	■	■	■
77	70	70	1.0	0.666	0.0	76.0	13.7	62.2	63.7	77		1.0	0.55	0.0	71.2	21.7	59.6	63.4	70		1.0	0.667	0.0	1.0	0.55	0.0	71.2	21.7	59.6	63.4	70		1.0	0.667	0.0	■	■	■
78	71	71	1.0	0.683	0.0	76.9	12.2	62.2	63.4	78		1.0	0.567	0.0	71.8	20.7	60.2	63.7	71		1.0	0.683	0.0	1.0	0.569	0.0	71.9	20.6	60.3	63.7	71		1.0	0.683	0.0	■	■	■
80	72	72	1.0	0.7	0.0	77.8	10.8	62.2	63.2	80		1.0	0.584	0.0	72.4	19.7	60.7	63.9	72		1.0	0.7	0.0	1.0	0.589	0.0	72.6	19.5	60.9	63.9	72		1.0	0.7	0.0	■	■	■
81	73	73	1.0	0.716	0.0	78.7	9.3	62.2	62.9	81		1.0	0.602	0.0	73.0	18.7	61.3	64.1	73		1.0	0.717	0.0	1.0	0.608	0.0	73.2	18.4	61.5	64.2	73		1.0	0.717	0.0	■	■	■
82	74	74	1.0	0.733	0.0	79.6	7.9	62.1	62.7	82		1.0	0.619	0.0	73.6	17.7	61.8	64.3	74		1.0	0.733	0.0	1.0	0.627	0.0	73.9	17.2	62.0	64.4	74		1.0	0.733	0.0	■	■	■
83	75	75	1.0	0.75	0.0	80.6	6.5	62.0	62.4	83		1.0	0.633	0.0	74.2	16.6	62.1	64.2	75		1.0	0.75	0.0	1.0	0.641	0.0	74.7	15.9	62.1	64.1	75		1.0	0.75	0.0	■	■	■

RE670−71 1−013930−L0 LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmyn6*, D65, page 10/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk* −> rgb_e
output: transfer to $cmyk_e$

1−013930−F0

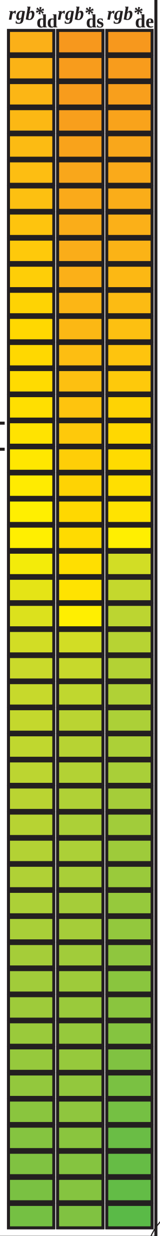
see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 11/33

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 $RYGCBM_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}			$LAB^*_{ddx361Mi}$ (x=LabCh)						$rgb^*_{ds361Mi}$			$LAB^*_{dsx361Mi}$ (x=LabCh)						$rgb^*_{dd361Mi}$			$rgb^*_{de361Mi}$			$LAB^*_{dex361Mi}$ (x=LabCh)						$rgb^*_{dd361Mi}$		
83	75	75	1.0	0.75	0.0	80.6	6.5	62.0	62.4	83		1.0	0.633	0.0	74.2	16.6	62.1	64.2	75		1.0	0.75	0.0	1.0	0.641	0.0	74.7	15.9	62.1	64.1	75		1.0	0.75	0.0
84	76	76	1.0	0.766	0.0	81.1	5.7	61.4	61.7	84		1.0	0.646	0.0	74.9	15.5	62.1	64.0	76		1.0	0.767	0.0	1.0	0.656	0.0	75.5	14.7	62.2	63.9	76		1.0	0.767	0.0
85	77	77	1.0	0.783	0.0	81.6	4.9	60.8	61.0	85		1.0	0.659	0.0	75.7	14.4	62.2	63.8	77		1.0	0.783	0.0	1.0	0.67	0.0	76.2	13.4	62.2	63.7	77		1.0	0.783	0.0
85	78	78	1.0	0.8	0.0	82.2	4.2	60.2	60.3	85		1.0	0.672	0.0	76.4	13.2	62.3	63.6	78		1.0	0.8	0.0	1.0	0.685	0.0	77.0	12.2	62.3	63.5	78		1.0	0.8	0.0
86	79	80	1.0	0.816	0.0	82.7	3.4	59.6	59.7	86		1.0	0.685	0.0	77.1	12.1	62.3	63.4	79		1.0	0.817	0.0	1.0	0.699	0.0	77.8	10.9	62.3	63.2	80		1.0	0.817	0.0
87	80	81	1.0	0.833	0.0	83.3	2.7	58.9	59.0	87		1.0	0.698	0.0	77.8	11.0	62.3	63.2	80		1.0	0.833	0.0	1.0	0.713	0.0	78.6	9.7	62.3	63.0	81		1.0	0.833	0.0
87	81	82	1.0	0.85	0.0	83.8	2.0	58.3	58.3	87		1.0	0.711	0.0	78.5	9.9	62.3	63.0	81		1.0	0.85	0.0	1.0	0.728	0.0	79.4	8.4	62.2	62.8	82		1.0	0.85	0.0
88	82	83	1.0	0.866	0.0	84.3	1.3	57.6	57.6	88		1.0	0.724	0.0	79.2	8.7	62.2	62.8	82		1.0	0.867	0.0	1.0	0.742	0.0	80.2	7.2	62.1	62.6	83		1.0	0.867	0.0
89	83	84	1.0	0.883	0.0	84.9	0.5	57.9	57.9	89		1.0	0.737	0.0	79.9	7.6	62.2	62.6	83		1.0	0.883	0.0	1.0	0.763	0.0	81.0	5.9	61.6	61.9	84		1.0	0.883	0.0
90	84	85	1.0	0.9	0.0	85.6	−0.4	59.2	59.2	90		1.0	0.75	0.0	80.6	6.5	62.1	62.4	84		1.0	0.9	0.0	1.0	0.791	0.0	81.9	4.6	60.6	60.8	85		1.0	0.9	0.0
91	85	86	1.0	0.916	0.0	86.2	−1.4	60.4	60.4	91		1.0	0.775	0.0	81.4	5.4	61.2	61.4	85		1.0	0.917	0.0	1.0	0.819	0.0	82.8	3.4	59.5	59.6	86		1.0	0.917	0.0
92	86	87	1.0	0.933	0.0	86.9	−2.5	61.6	61.7	92		1.0	0.8	0.0	82.2	4.2	60.2	60.4	86		1.0	0.933	0.0	1.0	0.847	0.0	83.7	2.2	58.4	58.5	87		1.0	0.933	0.0
93	87	88	1.0	0.95	0.0	87.5	−3.6	62.8	62.9	93		1.0	0.825	0.0	83.0	3.1	59.3	59.4	87		1.0	0.95	0.0	1.0	0.875	0.0	84.6	1.0	57.3	57.4	88		1.0	0.95	0.0
94	88	90	1.0	0.966	0.0	88.2	−4.7	64.0	64.2	94		1.0	0.85	0.0	83.9	2.0	58.3	58.3	88		1.0	0.967	0.0	1.0	0.894	0.0	85.4	0.0	58.8	58.8	90		1.0	0.967	0.0
95	89	91	1.0	0.983	0.0	88.8	−5.9	65.2	65.4	95		1.0	0.875	0.0	84.7	1.0	57.3	57.4	89		1.0	0.983	0.0	1.0	0.914	0.0	86.1	−1.2	60.2	60.2	91		1.0	0.983	0.0
96	90	92	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96	Y_d	1.0	0.893	0.0	85.3	0.0	58.7	58.7	90	Y_s	1.0	1.0	0.0	1.0	0.933	0.0	86.9	−2.4	61.6	61.7	92	Y_e	1.0	1.0	0.0
96	91	93	0.983	1.0	0.0	89.7	−7.5	67.6	68.0	96		1.0	0.91	0.0	86.0	−0.9	60.0	60.0	91		0.983	1.0	0.0	1.0	0.953	0.0	87.7	−3.7	63.1	63.2	93		0.983	1.0	0.0
96	92	94	0.966	1.0	0.0	89.9	−7.9	68.9	69.3	96		1.0	0.928	0.0	86.7	−2.0	61.2	61.3	92		0.967	1.0	0.0	1.0	0.974	0.0	88.5	−5.1	64.5	64.8	94		0.967	1.0	0.0
96	93	95	0.95	1.0	0.0	90.1	−8.3	70.1	70.6	96		1.0	0.945	0.0	87.4	−3.2	62.5	62.6	93		0.95	1.0	0.0	1.0	0.994	0.0	89.3	−6.6	65.9	66.3	95		0.95	1.0	0.0
97	94	96	0.933	1.0	0.0	90.3	−8.8	71.4	71.9	97		1.0	0.962	0.0	88.0	−4.4	63.8	63.9	94		0.933	1.0	0.0	0.938	1.0	0.0	90.3	−8.6	71.1	71.6	96		0.933	1.0	0.0
97	95	98	0.916	1.0	0.0	90.5	−9.2	72.7	73.3	97		1.0	0.98	0.0	88.7	−5.6	65.0	65.2	95		0.917	1.0	0.0	0.863	1.0	0.0	90.8	−10.7	75.7	76.5	98		0.917	1.0	0.0
97	96	99	0.9	1.0	0.0	90.7	−9.7	73.9	74.6	97		1.0	0.997	0.0	89.4	−6.9	66.2	66.5	96		0.9	1.0	0.0	0.822	1.0	0.0	89.8	−12.2	75.0	76.0	99		0.9	1.0	0.0
97	97	100	0.883	1.0	0.0	91.0	−10.1	75.2	75.9	97		0.936	1.0	0.0	90.3	−8.6	71.3	71.8	97		0.883	1.0	0.0	0.782	1.0	0.0	88.7	−13.6	74.3	75.5	100		0.883	1.0	0.0
98	98	101	0.866	1.0	0.0	90.9	−10.7	75.7	76.5	98		0.868	1.0	0.0	91.0	−10.5	75.8	76.5	98		0.867	1.0	0.0	0.747	1.0	0.0	87.7	−15.0	73.4	74.9	101		0.867	1.0	0.0
98	99	102	0.85	1.0	0.0	90.4	−11.3	75.4	76.3	98		0.833	1.0	0.0	90.1	−11.8	75.2	76.1	99		0.85	1.0	0.0	0.733	1.0	0.0	86.8	−16.3	72.0	73.8	102		0.85	1.0	0.0
98	100	103	0.833	1.0	0.0	90.0	−11.8	75.1	76.1	98		0.798	1.0	0.0	89.2	−13.0	74.6	75.7	100		0.833	1.0	0.0	0.72	1.0	0.0	85.9	−17.5	70.6	72.8	103		0.833	1.0	0.0
99	101	105	0.816	1.0	0.0	89.6	−12.4	74.8	75.9	99		0.763	1.0	0.0	88.3	−14.3	73.9	75.3	101		0.817	1.0	0.0	0.706	1.0	0.0	85.0	−18.6	69.2	71.7	105		0.817	1.0	0.0
99	102	106	0.8	1.0	0.0	89.2	−13.0	74.5	75.7	99		0.743	1.0	0.0	87.4	−15.4	72.9	74.6	102		0.8	1.0	0.0	0.692	1.0	0.0	84.0	−19.7	67.8	70.7	106		0.8	1.0	0.0
100	103	107	0.783	1.0	0.0	88.7	−13.6	74.2	75.5	100		0.731	1.0	0.0	86.7	−16.5	71.8	73.7	103		0.783	1.0	0.0	0.679	1.0	0.0	83.1	−20.8	66.4	69.6	107		0.783	1.0	0.0
100	104	108	0.766	1.0	0.0	88.3	−14.2	73.9	75.3	100		0.719	1.0	0.0	85.9	−17.5	70.6	72.8	104		0.767	1.0	0.0	0.665	1.0	0.0	82.2	−21.8	65.0	68.6	108		0.767	1.0	0.0
101	105	109	0.75	1.0	0.0	87.9	−14.8	73.6	75.1	101		0.708	1.0	0.0	85.1	−18.5	69.4	71.8	105		0.75	1.0	0.0	0.652	1.0	0.0	81.3	−22.8	63.5	67.5	109		0.75	1.0	0.0
102	106	110	0.733	1.0	0.0	86.8	−16.3	72.0	73.8	102		0.696	1.0	0.0	84.3	−19.5	68.2	70.9	106		0.733	1.0	0.0	0.638	1.0	0.0	80.3	−23.7	62.0	66.4	110		0.733	1.0	0.0
104	107	112	0.716	1.0	0.0	85.6	−17.8	70.3	72.5	104		0.684	1.0	0.0	83.5	−20.4	67.0	70.0	107		0.717	1.0	0.0	0.624	1.0	0.0	79.4	−24.5	60.6	65.4	112		0.717	1.0	0.0
105	108	113	0.7	1.0	0.0	84.5	−19.2	68.6	71.2	105		0.673	1.0	0.0	82.7	−21.3	65.7	69.1	108		0.7	1.0	0.0	0.61	1.0	0.0	78.7	−25.6	59.7	65.0	113		0.7	1.0	0.0
107	109	114	0.683	1.0	0.0	83.4	−20.5	66.8	69.9	107		0.661	1.0	0.0	81.9	−22.1	64.5	68.2	109		0.683	1.0	0.0	0.596	1.0	0.0	77.9	−26.6	58.7	64.5	114		0.683	1.0	0.0
108	110	115	0.666	1.0	0.0	82.2	−21.7	65.1	68.6	108		0.649	1.0	0.0	81.1	−22.9	63.2	67.3	110		0.667	1.0	0.0	0.582	1.0	0.0	77.1	−27.6	57.8	64.1	115		0.667	1.0	0.0
109	111	116	0.65	1.0	0.0	81.1	−22.9	63.3	67.3	109		0.637	1.0	0.0	80.3	−23.7	62.0	66.4	111		0.65	1.0	0.0	0.567	1.0	0.0	76.3	−28.6	56.8	63.6	116		0.65	1.0	0.0
111	112	117	0.633	1.0	0.0	80.0	−24.0	61.5	66.0	111		0.626	1.0	0.0	79.5	−24.4	60.7	65.5	112		0.633	1.0	0.0	0.553	1.0	0.0	75.6	−29.5	55.8	63.2	117		0.633	1.0	0.0
112	113	119	0.616	1.0	0.0	79.0	−25.2	60.0	65.1	112		0.614	1.0	0.0	78.8	−25.3	59.9	65.1	113		0.617	1.0	0.0	0.539	1.0	0.0	74.8	−30.4	54.8	62.7	119		0.617	1.0	0.0
114	114	120	0.6	1.0	0.0	78.0	−26.4	58.9	64.6	114		0.601	1.0	0.0	78.2	−26.2	59.1	64.7	114		0.6	1.0	0.0	0.525	1.0	0.0	74.0	−31.3	53.8	62.3	120		0.6	1.0	0.0
115	115	121	0.583	1.0	0.0	77.1	−27.5	57.8	64.1	115		0.589	1.0	0.0	77.5	−27.1	58.3	64.3	115		0.583	1.0	0.0	0.511	1.0	0.0	73.2	−32.2	52.8	61.8	121		0.583	1.0	0.0
116	116	122	0.566	1.0	0.0	76.2	−28.7	56.7	63.5	116		0.577	1.0	0.0	76.8	−27.9	57.5	63.9	116		0.567	1.0	0.0	0.495	1.0	0.0	72.5	−33.0	51.8	61.4	122		0.567	1.0	0.0
118	117	123	0.55	1.0	0.0	75.3	−29.8	55.5	63.0	118		0.565	1.0	0.0	76.2	−28.7	56.6	63.5	117		0.55	1.0	0.0	0.475	1.0	0.0	71.8	−33.9	50.8	61.1	123		0.55	1.0	0.0
119	118	124	0.533	1.0	0.0	74.4	−30.8	54.4	62.5	119		0.553	1.0	0.0	75.5	−29.6	55.8	63.2	118		0.533	1.0	0.0	0.456	1.0	0.0	71.1	−34.7	49.9	60.8	124		0.533	1.0	0.0
120	119	126	0.516	1.0	0.0	73.5	−31.8	53.2	62.0	120		0.54	1.0	0.0	74.9	−30.3	54.9	62.8	119		0.517	1.0	0.0	0.436	1.0	0.0	70.3	−35.6	48.9	60.5	126		0.517	1.0	0.0
122	120	127	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122		0.528	1.0	0.0	74.2	−31.1	54.0	62.4	120		0.5	1.0	0.0	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127		0.5	1.0	0.0



RE670−71 1−0131030−L0 LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmyn6*, D65, page 11/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk* −> rgb_e
output: transfer to $cmyk_e$

1−0131030−F0

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 12/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours $RYGCBM_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb*dd361M			LAB*ddx361Mi (x=LabCh)					rgb*ds361Mi			LAB*dsx361Mi (x=LabCh)					rgb*dd361Mi			rgb*de361Mi			LAB*dex361Mi (x=LabCh)					rgb*dd361Mi			rgb*dd	rgb*ds	rgb*de
122	120	127	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122	0.528	1.0	0.0	74.2	−31.1	54.0	62.4	120	0.5	1.0	0.0	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127	0.5	1.0	0.0	🟩	🟩	🟩
123	121	128	0.483	1.0	0.0	72.0	−33.6	51.2	61.2	123	0.516	1.0	0.0	73.5	−31.8	53.2	62.0	121	0.483	1.0	0.0	0.397	1.0	0.0	68.9	−37.2	47.0	59.9	128	0.483	1.0	0.0	🟩	🟩	🟩
124	122	129	0.466	1.0	0.0	71.4	−34.3	50.4	61.0	124	0.504	1.0	0.0	72.9	−32.6	52.3	61.6	122	0.467	1.0	0.0	0.377	1.0	0.0	68.2	−37.9	46.0	59.7	129	0.467	1.0	0.0	🟩	🟩	🟩
125	123	130	0.45	1.0	0.0	70.8	−35.0	49.5	60.7	125	0.488	1.0	0.0	72.2	−33.3	51.4	61.3	123	0.45	1.0	0.0	0.366	1.0	0.0	67.6	−38.9	45.2	59.7	130	0.45	1.0	0.0	🟩	🟩	🟩
126	124	131	0.433	1.0	0.0	70.2	−35.7	48.7	60.5	126	0.471	1.0	0.0	71.6	−34.1	50.6	61.1	124	0.433	1.0	0.0	0.355	1.0	0.0	67.1	−39.8	44.4	59.7	131	0.433	1.0	0.0	🟩	🟩	🟩
127	125	133	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127	0.455	1.0	0.0	71.0	−34.8	49.8	60.8	125	0.417	1.0	0.0	0.344	1.0	0.0	66.5	−40.8	43.7	59.8	133	0.417	1.0	0.0	🟩	🟩	🟩
128	126	134	0.4	1.0	0.0	69.0	−37.1	47.1	59.9	128	0.438	1.0	0.0	70.4	−35.5	49.0	60.6	126	0.4	1.0	0.0	0.334	1.0	0.0	65.9	−41.7	42.9	59.9	134	0.4	1.0	0.0	🟩	🟩	🟩
129	127	135	0.383	1.0	0.0	68.4	−37.7	46.2	59.7	129	0.421	1.0	0.0	69.8	−36.2	48.2	60.3	127	0.383	1.0	0.0	0.323	1.0	0.0	65.4	−42.6	42.1	59.9	135	0.383	1.0	0.0	🟩	🟩	🟩
130	128	136	0.366	1.0	0.0	67.6	−38.8	45.2	59.6	130	0.404	1.0	0.0	69.2	−36.9	47.3	60.1	128	0.367	1.0	0.0	0.313	1.0	0.0	64.8	−43.5	41.2	60.0	136	0.367	1.0	0.0	🟩	🟩	🟩
132	129	137	0.35	1.0	0.0	66.8	−40.3	44.0	59.7	132	0.387	1.0	0.0	68.6	−37.5	46.5	59.8	129	0.35	1.0	0.0	0.302	1.0	0.0	64.3	−44.4	40.4	60.1	137	0.35	1.0	0.0	🟩	🟩	🟩
134	130	138	0.333	1.0	0.0	65.9	−41.8	42.8	59.8	134	0.372	1.0	0.0	68.0	−38.2	45.7	59.6	130	0.333	1.0	0.0	0.292	1.0	0.0	63.7	−45.2	39.5	60.1	138	0.333	1.0	0.0	🟩	🟩	🟩
136	131	140	0.316	1.0	0.0	65.0	−43.2	41.5	59.9	136	0.363	1.0	0.0	67.5	−39.1	45.0	59.7	131	0.317	1.0	0.0	0.281	1.0	0.0	63.1	−46.1	38.6	60.2	140	0.317	1.0	0.0	🟩	🟩	🟩
137	132	141	0.3	1.0	0.0	64.1	−44.6	40.2	60.0	137	0.354	1.0	0.0	67.0	−39.9	44.4	59.7	132	0.3	1.0	0.0	0.27	1.0	0.0	62.6	−46.9	37.7	60.3	141	0.3	1.0	0.0	🟩	🟩	🟩
139	133	142	0.283	1.0	0.0	63.2	−45.9	38.8	60.1	139	0.345	1.0	0.0	66.6	−40.7	43.7	59.8	133	0.283	1.0	0.0	0.26	1.0	0.0	62.0	−47.7	36.8	60.3	142	0.283	1.0	0.0	🟩	🟩	🟩
141	134	143	0.266	1.0	0.0	62.3	−47.2	37.3	60.2	141	0.336	1.0	0.0	66.1	−41.5	43.1	59.9	134	0.267	1.0	0.0	0.249	1.0	0.0	61.4	−48.5	35.9	60.4	143	0.267	1.0	0.0	🟩	🟩	🟩
143	135	144	0.25	1.0	0.0	61.4	−48.5	35.9	60.3	143	0.327	1.0	0.0	65.6	−42.3	42.4	59.9	135	0.25	1.0	0.0	0.233	1.0	0.0	60.9	−49.3	34.9	60.5	144	0.25	1.0	0.0	🟩	🟩	🟩
144	136	145	0.233	1.0	0.0	60.9	−49.3	34.9	60.4	144	0.318	1.0	0.0	65.1	−43.0	41.7	60.0	136	0.233	1.0	0.0	0.217	1.0	0.0	60.4	−50.1	33.9	60.6	145	0.233	1.0	0.0	🟩	🟩	🟩
145	137	147	0.216	1.0	0.0	60.3	−50.1	33.9	60.5	145	0.309	1.0	0.0	64.6	−43.8	40.9	60.0	137	0.217	1.0	0.0	0.201	1.0	0.0	59.8	−50.8	33.0	60.7	147	0.217	1.0	0.0	🟩	🟩	🟩
147	138	148	0.2	1.0	0.0	59.7	−50.9	32.8	60.6	147	0.3	1.0	0.0	64.1	−44.6	40.2	60.1	138	0.2	1.0	0.0	0.185	1.0	0.0	59.3	−51.6	32.0	60.7	148	0.2	1.0	0.0	🟩	🟩	🟩
148	139	149	0.183	1.0	0.0	59.2	−51.7	31.8	60.7	148	0.291	1.0	0.0	63.6	−45.3	39.5	60.1	139	0.183	1.0	0.0	0.169	1.0	0.0	58.7	−52.3	31.0	60.8	149	0.183	1.0	0.0	🟩	🟩	🟩
149	140	150	0.166	1.0	0.0	58.6	−52.4	30.7	60.8	149	0.282	1.0	0.0	63.2	−46.0	38.7	60.2	140	0.167	1.0	0.0	0.154	1.0	0.0	58.2	−53.0	29.9	60.9	150	0.167	1.0	0.0	🟩	🟩	🟩
150	141	151	0.15	1.0	0.0	58.0	−53.2	29.7	60.9	150	0.273	1.0	0.0	62.7	−46.7	37.9	60.3	141	0.15	1.0	0.0	0.138	1.0	0.0	57.7	−53.6	28.9	61.0	151	0.15	1.0	0.0	🟩	🟩	🟩
152	142	152	0.133	1.0	0.0	57.5	−53.9	28.6	61.0	152	0.264	1.0	0.0	62.2	−47.4	37.1	60.3	142	0.133	1.0	0.0	0.119	1.0	0.0	57.1	−54.4	27.9	61.2	152	0.133	1.0	0.0	🟩	🟩	🟩
152	143	154	0.116	1.0	0.0	57.0	−54.6	27.8	61.2	152	0.255	1.0	0.0	61.7	−48.1	36.3	60.4	143	0.117	1.0	0.0	0.09	1.0	0.0	56.4	−55.7	27.1	62.0	154	0.117	1.0	0.0	🟩	🟩	🟩
153	144	155	0.1	1.0	0.0	56.6	−55.3	27.3	61.7	153	0.243	1.0	0.0	61.2	−48.8	35.5	60.4	144	0.1	1.0	0.0	0.061	1.0	0.0	55.6	−56.9	26.3	62.8	155	0.1	1.0	0.0	🟩	🟩	🟩
154	145	156	0.083	1.0	0.0	56.2	−56.0	26.9	62.1	154	0.23	1.0	0.0	60.8	−49.5	34.7	60.5	145	0.083	1.0	0.0	0.032	1.0	0.0	54.9	−58.1	25.4	63.5	156	0.083	1.0	0.0	🟩	🟩	🟩
154	146	157	0.066	1.0	0.0	55.7	−56.7	26.4	62.6	154	0.216	1.0	0.0	60.3	−50.1	33.9	60.6	146	0.067	1.0	0.0	0.002	1.0	0.0	54.2	−59.3	24.5	64.3	157	0.067	1.0	0.0	🟩	🟩	🟩
155	147	158	0.049	1.0	0.0	55.3	−57.4	25.9	63.0	155	0.202	1.0	0.0	59.8	−50.8	33.0	60.7	147	0.05	1.0	0.0	0.0	1.0	0.015	54.1	−59.3	23.1	63.7	158	0.05	1.0	0.0	🟩	🟩	🟩
156	148	159	0.033	1.0	0.0	54.9	−58.1	25.4	63.4	156	0.189	1.0	0.0	59.4	−51.4	32.2	60.7	148	0.033	1.0	0.0	0.0	1.0	0.031	54.0	−59.1	21.7	63.0	159	0.033	1.0	0.0	🟩	🟩	🟩
156	149	161	0.016	1.0	0.0	54.5	−58.8	24.9	63.9	156	0.175	1.0	0.0	58.9	−52.0	31.3	60.8	149	0.017	1.0	0.0	0.0	1.0	0.047	53.9	−58.9	20.2	62.4	161	0.017	1.0	0.0	🟩	🟩	🟩
157	150	162	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157 G_d	0.161	1.0	0.0	58.5	−52.6	30.4	60.9	150 G_s	0.0	1.0	0.0	0.0	1.0	0.063	53.9	−58.6	18.8	61.7	162 G_e	0.0	1.0	0.0	🟩	🟩	🟩
158	151	163	0.0	1.0	0.016	54.0	−59.3	22.9	63.6	158	0.148	1.0	0.0	58.0	−53.2	29.5	61.0	151	0.0	1.0	0.017	0.0	1.0	0.075	53.8	−58.4	17.7	61.1	163	0.0	1.0	0.017	🟩	🟩	🟩
160	152	164	0.0	1.0	0.033	54.0	−59.1	21.4	62.9	160	0.134	1.0	0.0	57.5	−53.8	28.6	61.0	152	0.0	1.0	0.033	0.0	1.0	0.088	53.8	−58.2	16.7	60.6	164	0.0	1.0	0.033	🟩	🟩	🟩
161	153	164	0.0	1.0	0.05	53.9	−58.9	19.9	62.2	161	0.117	1.0	0.0	57.0	−54.5	27.8	61.3	153	0.0	1.0	0.05	0.0	1.0	0.101	53.7	−57.9	15.6	60.1	164	0.0	1.0	0.05	🟩	🟩	🟩
162	154	165	0.0	1.0	0.066	53.8	−58.6	18.5	61.5	162	0.092	1.0	0.0	56.4	−55.6	27.2	62.0	154	0.0	1.0	0.067	0.0	1.0	0.113	53.7	−57.6	14.5	59.5	165	0.0	1.0	0.067	🟩	🟩	🟩
163	155	166	0.0	1.0	0.083	53.7	−58.3	17.0	60.8	163	0.067	1.0	0.0	55.8	−56.6	26.5	62.6	155	0.0	1.0	0.083	0.0	1.0	0.126	53.6	−57.3	13.5	59.0	166	0.0	1.0	0.083	🟩	🟩	🟩
164	156	167	0.0	1.0	0.1	53.7	−58.0	15.6	60.1	164	0.041	1.0	0.0	55.2	−57.7	25.7	63.3	156	0.0	1.0	0.1	0.0	1.0	0.14	53.6	−56.9	12.4	58.4	167	0.0	1.0	0.1	🟩	🟩	🟩
166	157	168	0.0	1.0	0.116	53.6	−57.6	14.2	59.3	166	0.016	1.0	0.0	54.6	−58.7	25.0	63.9	157	0.0	1.0	0.117	0.0	1.0	0.154	53.6	−56.5	11.4	57.7	168	0.0	1.0	0.117	🟩	🟩	🟩
167	158	169	0.0	1.0	0.133	53.6	−57.2	12.9	58.6	167	0.0	1.0	0.005	54.1	−59.4	24.0	64.2	158	0.0	1.0	0.133	0.0	1.0	0.168	53.7	−56.1	10.4	57.1	169	0.0	1.0	0.133	🟩	🟩	🟩
168	159	170	0.0	1.0	0.15	53.6	−56.7	11.6	57.9	168	0.0	1.0	0.018	54.1	−59.2	22.8	63.6	159	0.0	1.0	0.15	0.0	1.0	0.182	53.7	−55.6	9.4	56.5	170	0.0	1.0	0.15	🟩	🟩	🟩
169	160	171	0.0	1.0	0.166	53.6	−56.2	10.4	57.1	169	0.0	1.0	0.032	54.0	−59.1	21.5	63.0	160	0.0	1.0	0.167	0.0	1.0	0.196	53.7	−55.1	8.4	55.9	171	0.0	1.0	0.167	🟩	🟩	🟩
170	161	172	0.0	1.0	0.183	53.6	−55.6	9.2	56.4	170	0.0	1.0	0.046	53.9	−58.9	20.3	62.4	161	0.0	1.0	0.183	0.0	1.0	0.21	53.7	−54.6	7.4	55.2	172	0.0	1.0	0.183	🟩	🟩	🟩
171	162	173	0.0	1.0	0.2	53.7	−55.0	8.1	55.6	171	0.0	1.0	0.06	53.9	−58.7	19.1	61.8	162	0.0	1.0	0.2	0.0	1.0	0.224	53.7	−54.1	6.5	54.6	173	0.0	1.0	0.2	🟩	🟩	🟩
172	163	174	0.0	1.0	0.216	53.7	−54.4	7.0	54.9	172	0.0	1.0	0.074	53.8	−58.5	17.9	61.2	163	0.0	1.0	0.217	0.0	1.0	0.238	53.7	−53.6	5.6	54.0	174	0.0	1.0	0.217	🟩	🟩	🟩
173	164	175	0.0	1.0	0.233	53.7	−53.8	5.8	54.1	173	0.0	1.0	0.087	53.8	−58.2	16.7	60.6	164	0.0	1.0	0.233	0.0	1.0	0.253	53.8	−53.1	4.7	53.4	175	0.0	1.0	0.233	🟩	🟩	🟩
174	165	175	0.0	1.0	0.25	53.7	−53.2	4.8	53.4	174	0.0	1.0	0.101	53.7	−57.9	15.5	60.1	165	0.0	1.0	0.25	0.0	1.0	0.267	53.9	−52.7	3.8	53.0	175	0.0	1.0	0.25	🟩	🟩	🟩

RE670−71 1−0131130−L0 LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 12/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_e$
output: transfer to *cmyk*$_e$

1−0131130−F0

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}			$LAB^*_{ddx361Mi}$ (x=LabCh)					$rgb^*_{ds361Mi}$			$LAB^*_{dsx361Mi}$ (x=LabCh)					$rgb^*_{dd361Mi}$			$rgb^*_{de361Mi}$			$LAB^*_{dex361Mi}$ (x=LabCh)					$rgb^*_{dd361Mi}$			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
174	165	175	0.0	1.0	0.25	53.7	−53.2	4.8	53.4	174	0.0	1.0	0.101	53.7	−57.9	15.5	60.1	165	0.0	1.0	0.25	0.0	1.0	0.267	53.9	−52.7	3.8	53.0	175	0.0	1.0	0.25	🟩	🟩	🟩
175	166	176	0.0	1.0	0.266	53.8	−52.8	3.8	52.9	175	0.0	1.0	0.115	53.7	−57.6	14.4	59.5	166	0.0	1.0	0.267	0.0	1.0	0.282	53.9	−52.4	2.9	52.5	176	0.0	1.0	0.267	🟩	🟩	🟩
176	167	177	0.0	1.0	0.283	53.9	−52.4	2.8	52.5	176	0.0	1.0	0.129	53.6	−57.3	13.2	58.9	167	0.0	1.0	0.283	0.0	1.0	0.297	54.0	−52.0	2.1	52.1	177	0.0	1.0	0.283	🟩	🟩	🟩
177	168	178	0.0	1.0	0.3	54.0	−52.0	1.8	52.0	177	0.0	1.0	0.145	53.6	−56.8	12.1	58.2	168	0.0	1.0	0.3	0.0	1.0	0.311	54.1	−51.6	1.2	51.7	178	0.0	1.0	0.3	🟩	🟩	🟩
178	169	179	0.0	1.0	0.316	54.1	−51.5	0.9	51.5	178	0.0	1.0	0.16	53.7	−56.3	11.0	57.5	169	0.0	1.0	0.317	0.0	1.0	0.326	54.2	−51.2	0.4	51.3	179	0.0	1.0	0.317	🟩	🟩	🟩
180	170	180	0.0	1.0	0.333	54.2	−51.1	0.0	51.1	180	0.0	1.0	0.175	53.7	−55.8	9.9	56.8	170	0.0	1.0	0.333	0.0	1.0	0.34	54.2	−50.8	−0.3	50.9	180	0.0	1.0	0.333	🟩	🟩	🟩
181	171	181	0.0	1.0	0.35	54.3	−50.6	−0.9	50.6	181	0.0	1.0	0.191	53.7	−55.3	8.8	56.1	171	0.0	1.0	0.35	0.0	1.0	0.355	54.3	−50.4	−1.1	50.5	181	0.0	1.0	0.35	🟩	🟩	🟩
182	172	182	0.0	1.0	0.366	54.3	−50.1	−1.8	50.1	182	0.0	1.0	0.206	53.7	−54.8	7.7	55.4	172	0.0	1.0	0.367	0.0	1.0	0.37	54.4	−49.9	−1.9	50.1	182	0.0	1.0	0.367	🟩	🟩	🟩
183	173	183	0.0	1.0	0.383	54.5	−49.5	−2.9	49.6	183	0.0	1.0	0.222	53.7	−54.2	6.7	54.7	173	0.0	1.0	0.383	0.0	1.0	0.381	54.5	−49.6	−2.7	49.7	183	0.0	1.0	0.383	🟩	🟩	🟩
184	174	184	0.0	1.0	0.4	54.6	−48.9	−4.2	49.0	184	0.0	1.0	0.237	53.7	−53.6	5.6	54.0	174	0.0	1.0	0.4	0.0	1.0	0.391	54.6	−49.2	−3.5	49.4	184	0.0	1.0	0.4	🟩	🟩	🟩
186	175	185	0.0	1.0	0.416	54.7	−48.2	−5.5	48.5	186	0.0	1.0	0.253	53.8	−53.1	4.7	53.4	175	0.0	1.0	0.417	0.0	1.0	0.401	54.6	−48.8	−4.2	49.1	185	0.0	1.0	0.417	🟩	🟩	🟩
188	176	185	0.0	1.0	0.433	54.9	−47.4	−6.7	47.9	188	0.0	1.0	0.269	53.9	−52.7	3.7	52.9	176	0.0	1.0	0.433	0.0	1.0	0.411	54.7	−48.4	−5.0	48.7	185	0.0	1.0	0.433	🟩	🟩	🟩
189	177	186	0.0	1.0	0.45	55.0	−46.7	−7.9	47.4	189	0.0	1.0	0.285	53.9	−52.3	2.7	52.5	177	0.0	1.0	0.45	0.0	1.0	0.42	54.8	−48.0	−5.7	48.4	186	0.0	1.0	0.45	🟩	🟩	🟩
191	178	187	0.0	1.0	0.466	55.1	−45.9	−9.1	46.8	191	0.0	1.0	0.301	54.0	−51.9	1.8	52.0	178	0.0	1.0	0.467	0.0	1.0	0.43	54.9	−47.5	−6.4	48.1	187	0.0	1.0	0.467	🟩	🟩	🟩
192	179	188	0.0	1.0	0.483	55.3	−45.1	−10.2	46.2	192	0.0	1.0	0.317	54.1	−51.5	0.9	51.6	179	0.0	1.0	0.483	0.0	1.0	0.44	55.0	−47.1	−7.1	47.8	188	0.0	1.0	0.483	🟩	🟩	🟩
194	180	189	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194	0.0	1.0	0.333	54.2	−51.0	0.0	51.1	180	0.0	1.0	0.5	0.0	1.0	0.45	55.0	−46.7	−7.8	47.4	189	0.0	1.0	0.5	🟩	🟩	🟩
195	181	190	0.0	1.0	0.516	55.5	−43.7	−12.4	45.4	195	0.0	1.0	0.349	54.3	−50.6	−0.8	50.7	181	0.0	1.0	0.517	0.0	1.0	0.459	55.1	−46.2	−8.5	47.1	190	0.0	1.0	0.517	🟩	🟩	🟩
197	182	191	0.0	1.0	0.533	55.5	−43.0	−13.6	45.1	197	0.0	1.0	0.365	54.4	−50.1	−1.7	50.2	182	0.0	1.0	0.533	0.0	1.0	0.469	55.2	−45.7	−9.2	46.8	191	0.0	1.0	0.533	🟩	🟩	🟩
199	183	192	0.0	1.0	0.55	55.6	−42.4	−14.7	44.9	199	0.0	1.0	0.379	54.5	−49.6	−2.5	49.8	183	0.0	1.0	0.55	0.0	1.0	0.479	55.3	−45.3	−9.8	46.4	192	0.0	1.0	0.55	🟩	🟩	🟩
200	184	193	0.0	1.0	0.566	55.7	−41.7	−15.8	44.6	200	0.0	1.0	0.39	54.6	−49.2	−3.3	49.4	184	0.0	1.0	0.567	0.0	1.0	0.489	55.4	−44.8	−10.5	46.1	193	0.0	1.0	0.567	🟩	🟩	🟩
202	185	194	0.0	1.0	0.583	55.7	−41.0	−16.9	44.4	202	0.0	1.0	0.4	54.6	−48.8	−4.2	49.1	185	0.0	1.0	0.583	0.0	1.0	0.498	55.4	−44.3	−11.1	45.8	194	0.0	1.0	0.583	🟩	🟩	🟩
204	186	195	0.0	1.0	0.6	55.8	−40.3	−17.9	44.1	204	0.0	1.0	0.411	54.7	−48.4	−5.0	48.7	186	0.0	1.0	0.6	0.0	1.0	0.508	55.5	−43.9	−11.8	45.6	195	0.0	1.0	0.6	🟩	🟩	🟩
205	187	195	0.0	1.0	0.616	55.9	−39.5	−19.0	43.8	205	0.0	1.0	0.422	54.8	−47.9	−5.8	48.4	187	0.0	1.0	0.617	0.0	1.0	0.517	55.5	−43.6	−12.4	45.5	195	0.0	1.0	0.617	🟩	🟩	🟩
207	188	196	0.0	1.0	0.633	55.9	−38.8	−20.1	43.7	207	0.0	1.0	0.432	54.9	−47.4	−6.6	48.0	188	0.0	1.0	0.633	0.0	1.0	0.527	55.6	−43.2	−13.1	45.3	196	0.0	1.0	0.633	🟩	🟩	🟩
209	189	197	0.0	1.0	0.65	55.9	−38.1	−21.2	43.6	209	0.0	1.0	0.443	55.0	−47.0	−7.4	47.6	189	0.0	1.0	0.65	0.0	1.0	0.536	55.6	−42.9	−13.7	45.2	197	0.0	1.0	0.65	🟩	🟩	🟩
210	190	198	0.0	1.0	0.666	55.9	−37.4	−22.4	43.6	210	0.0	1.0	0.454	55.1	−46.5	−8.1	47.3	190	0.0	1.0	0.667	0.0	1.0	0.545	55.6	−42.5	−14.4	45.0	198	0.0	1.0	0.667	🟩	🟩	🟩
212	191	199	0.0	1.0	0.683	55.9	−36.6	−23.5	43.5	212	0.0	1.0	0.464	55.2	−46.0	−8.9	46.9	191	0.0	1.0	0.683	0.0	1.0	0.555	55.7	−42.2	−15.0	44.9	199	0.0	1.0	0.683	🟩	🟩	🟩
214	192	200	0.0	1.0	0.7	55.9	−35.8	−24.6	43.5	214	0.0	1.0	0.475	55.2	−45.4	−9.6	46.6	192	0.0	1.0	0.7	0.0	1.0	0.564	55.7	−41.8	−15.6	44.7	200	0.0	1.0	0.7	🟩	🟩	🟩
216	193	201	0.0	1.0	0.716	56.0	−35.0	−25.7	43.4	216	0.0	1.0	0.486	55.3	−44.9	−10.3	46.2	193	0.0	1.0	0.717	0.0	1.0	0.573	55.8	−41.4	−16.2	44.6	201	0.0	1.0	0.717	🟩	🟩	🟩
218	194	202	0.0	1.0	0.733	56.0	−34.1	−26.7	43.4	218	0.0	1.0	0.497	55.4	−44.4	−11.0	45.8	194	0.0	1.0	0.733	0.0	1.0	0.583	55.8	−41.0	−16.8	44.4	202	0.0	1.0	0.733	🟩	🟩	🟩
219	195	203	0.0	1.0	0.75	56.0	−33.2	−27.7	43.3	219	0.0	1.0	0.507	55.5	−44.0	−11.7	45.6	195	0.0	1.0	0.75	0.0	1.0	0.592	55.8	−40.6	−17.4	44.3	203	0.0	1.0	0.75	🟩	🟩	🟩
221	196	204	0.0	1.0	0.766	55.8	−32.9	−28.8	43.8	221	0.0	1.0	0.517	55.5	−43.6	−12.4	45.5	196	0.0	1.0	0.767	0.0	1.0	0.602	55.9	−40.2	−18.0	44.1	204	0.0	1.0	0.767	🟩	🟩	🟩
222	197	205	0.0	1.0	0.783	55.5	−32.6	−29.9	44.3	222	0.0	1.0	0.528	55.6	−43.2	−13.1	45.3	197	0.0	1.0	0.783	0.0	1.0	0.611	55.9	−39.7	−18.6	44.0	205	0.0	1.0	0.783	🟩	🟩	🟩
223	198	206	0.0	1.0	0.8	55.3	−32.2	−31.0	44.7	223	0.0	1.0	0.538	55.6	−42.8	−13.8	45.1	198	0.0	1.0	0.8	0.0	1.0	0.62	55.9	−39.3	−19.1	43.8	206	0.0	1.0	0.8	🟩	🟩	🟩
225	199	206	0.0	1.0	0.816	55.1	−31.8	−32.1	45.2	225	0.0	1.0	0.548	55.6	−42.4	−14.5	45.0	199	0.0	1.0	0.817	0.0	1.0	0.629	56.0	−38.9	−19.7	43.8	206	0.0	1.0	0.817	🟩	🟩	🟩
226	200	207	0.0	1.0	0.833	54.9	−31.4	−33.2	45.7	226	0.0	1.0	0.558	55.7	−42.0	−15.2	44.8	200	0.0	1.0	0.833	0.0	1.0	0.638	56.0	−38.6	−20.3	43.7	207	0.0	1.0	0.833	🟩	🟩	🟩
228	201	208	0.0	1.0	0.85	54.7	−30.9	−34.3	46.2	228	0.0	1.0	0.569	55.7	−41.6	−15.9	44.6	201	0.0	1.0	0.85	0.0	1.0	0.646	56.0	−38.2	−20.9	43.7	208	0.0	1.0	0.85	🟩	🟩	🟩
229	202	209	0.0	1.0	0.866	54.5	−30.4	−35.4	46.7	229	0.0	1.0	0.579	55.8	−41.1	−16.6	44.5	202	0.0	1.0	0.867	0.0	1.0	0.655	56.0	−37.8	−21.5	43.7	209	0.0	1.0	0.867	🟩	🟩	🟩
231	203	210	0.0	1.0	0.883	54.2	−29.7	−36.7	47.3	231	0.0	1.0	0.589	55.8	−40.7	−17.2	44.3	203	0.0	1.0	0.883	0.0	1.0	0.663	56.0	−37.5	−22.1	43.6	210	0.0	1.0	0.883	🟩	🟩	🟩
232	204	211	0.0	1.0	0.9	53.9	−28.9	−38.3	48.0	232	0.0	1.0	0.599	55.9	−40.2	−17.9	44.2	204	0.0	1.0	0.9	0.0	1.0	0.672	56.0	−37.1	−22.7	43.6	211	0.0	1.0	0.9	🟩	🟩	🟩
234	205	212	0.0	1.0	0.916	53.6	−28.1	−39.8	48.7	234	0.0	1.0	0.61	55.9	−39.8	−18.5	44.0	205	0.0	1.0	0.917	0.0	1.0	0.681	56.0	−36.7	−23.3	43.6	212	0.0	1.0	0.917	🟩	🟩	🟩
236	206	213	0.0	1.0	0.933	53.3	−27.2	−41.2	49.4	236	0.0	1.0	0.62	55.9	−39.3	−19.1	43.8	206	0.0	1.0	0.933	0.0	1.0	0.689	56.0	−36.3	−23.8	43.6	213	0.0	1.0	0.933	🟩	🟩	🟩
238	207	214	0.0	1.0	0.95	53.0	−26.2	−42.7	50.1	238	0.0	1.0	0.63	56.0	−38.9	−19.8	43.8	207	0.0	1.0	0.95	0.0	1.0	0.698	56.0	−35.9	−24.4	43.5	214	0.0	1.0	0.95	🟩	🟩	🟩
240	208	215	0.0	1.0	0.966	52.7	−25.1	−44.2	50.8	240	0.0	1.0	0.639	56.0	−38.5	−20.4	43.7	208	0.0	1.0	0.967	0.0	1.0	0.706	56.0	−35.5	−24.9	43.5	215	0.0	1.0	0.967	🟩	🟩	🟩
242	209	216	0.0	1.0	0.983	52.4	−24.0	−45.6	51.5	242	0.0	1.0	0.649	56.0	−38.1	−21.1	43.7	209	0.0	1.0	0.983	0.0	1.0	0.715	56.0	−35.0	−25.5	43.5	216	0.0	1.0	0.983	🟩	🟩	🟩
244	210	216	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244 ***C***$_d$	0.0	1.0	0.658	56.0	−37.7	−21.7	43.7	210 ***C***$_s$	0.0	1.0	1.0	0.0	1.0	0.723	56.0	−34.6	−26.0	43.4	216 ***C***$_e$	0.0	1.0	1.0	🟩	🟩	🟩

RE670−71 1−0131230−L0 LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmyn6*, D65, page 13/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_e$
output: transfer to *cmyk*$_e$

1−0131230−F0

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 14/33

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*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*dd361M			LAB^*ddx361Mi (x=LabCh)					rgb^*ds361Mi			LAB^*dsx361Mi (x=LabCh)					rgb^*dd361Mi			rgb^*de361Mi			LAB^*dex361Mi (x=LabCh)					rgb^*dd361Mi			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
244	210	216	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244 C_d	0.0	1.0	0.658	56.0	−37.7	−21.7	43.7	210 C_s	0.0	1.0	1.0	0.0	1.0	0.723	56.0	−34.6	−26.0	43.4	216 C_e	0.0	1.0	1.0	▨	▨	▨
244	211	217	0.0	0.983	1.0	52.0	−22.4	−47.5	52.5	244	0.0	1.0	0.667	56.0	−37.3	−22.4	43.6	211	0.0	0.983	1.0	0.0	1.0	0.732	56.0	−34.2	−26.6	43.4	217	0.0	0.983	1.0	▨	▨	▨
245	212	218	0.0	0.966	1.0	51.9	−22.1	−48.0	52.8	245	0.0	1.0	0.677	56.0	−36.9	−23.0	43.6	212	0.0	0.967	1.0	0.0	1.0	0.74	56.0	−33.7	−27.1	43.4	218	0.0	0.967	1.0	▨	▨	▨
245	213	219	0.0	0.95	1.0	51.8	−21.7	−48.4	53.1	245	0.0	1.0	0.686	56.0	−36.4	−23.6	43.6	213	0.0	0.95	1.0	0.0	1.0	0.749	56.0	−33.2	−27.6	43.4	219	0.0	0.95	1.0	▨	▨	▨
246	214	220	0.0	0.933	1.0	51.7	−21.4	−48.9	53.4	246	0.0	1.0	0.695	56.0	−36.0	−24.2	43.5	214	0.0	0.933	1.0	0.0	1.0	0.76	55.9	−33.0	−28.3	43.6	220	0.0	0.933	1.0	▨	▨	▨
246	215	221	0.0	0.916	1.0	51.6	−21.0	−49.4	53.7	246	0.0	1.0	0.705	56.0	−35.5	−24.9	43.5	215	0.0	0.917	1.0	0.0	1.0	0.771	55.7	−32.8	−29.1	44.0	221	0.0	0.917	1.0	▨	▨	▨
247	216	222	0.0	0.9	1.0	51.5	−20.6	−49.9	54.0	247	0.0	1.0	0.714	56.0	−35.1	−25.5	43.5	216	0.0	0.9	1.0	0.0	1.0	0.782	55.6	−32.6	−29.8	44.3	222	0.0	0.9	1.0	▨	▨	▨
248	217	223	0.0	0.883	1.0	51.4	−20.2	−50.4	54.3	248	0.0	1.0	0.724	56.0	−34.6	−26.0	43.4	217	0.0	0.883	1.0	0.0	1.0	0.793	55.5	−32.3	−30.5	44.6	223	0.0	0.883	1.0	▨	▨	▨
248	218	224	0.0	0.866	1.0	51.4	−19.8	−50.9	54.6	248	0.0	1.0	0.733	56.0	−34.1	−26.6	43.4	218	0.0	0.867	1.0	0.0	1.0	0.804	55.3	−32.1	−31.3	44.9	224	0.0	0.867	1.0	▨	▨	▨
249	219	225	0.0	0.85	1.0	51.4	−19.3	−51.4	54.9	249	0.0	1.0	0.742	56.0	−33.6	−27.2	43.4	219	0.0	0.85	1.0	0.0	1.0	0.815	55.2	−31.8	−32.0	45.2	225	0.0	0.85	1.0	▨	▨	▨
249	220	226	0.0	0.833	1.0	51.4	−18.9	−51.9	55.3	249	0.0	1.0	0.752	56.0	−33.2	−27.8	43.4	220	0.0	0.833	1.0	0.0	1.0	0.827	55.0	−31.5	−32.7	45.6	226	0.0	0.833	1.0	▨	▨	▨
250	221	227	0.0	0.816	1.0	51.4	−18.4	−52.4	55.6	250	0.0	1.0	0.764	55.8	−32.9	−28.6	43.8	221	0.0	0.817	1.0	0.0	1.0	0.838	54.9	−31.2	−33.5	45.9	227	0.0	0.817	1.0	▨	▨	▨
251	222	227	0.0	0.8	1.0	51.4	−17.9	−53.0	55.9	251	0.0	1.0	0.777	55.7	−32.7	−29.4	44.1	222	0.0	0.8	1.0	0.0	1.0	0.849	54.7	−30.9	−34.2	46.2	227	0.0	0.8	1.0	▨	▨	▨
251	223	228	0.0	0.783	1.0	51.5	−17.4	−53.5	56.3	251	0.0	1.0	0.789	55.5	−32.4	−30.2	44.5	223	0.0	0.783	1.0	0.0	1.0	0.86	54.6	−30.5	−34.9	46.5	228	0.0	0.783	1.0	▨	▨	▨
252	224	229	0.0	0.766	1.0	51.5	−16.9	−54.0	56.6	252	0.0	1.0	0.801	55.4	−32.1	−31.0	44.8	224	0.0	0.767	1.0	0.0	1.0	0.871	54.5	−30.2	−35.7	46.9	229	0.0	0.767	1.0	▨	▨	▨
253	225	230	0.0	0.75	1.0	51.5	−16.4	−54.5	56.9	253	0.0	1.0	0.813	55.2	−31.8	−31.8	45.2	225	0.0	0.75	1.0	0.0	1.0	0.88	54.3	−29.8	−36.4	47.2	230	0.0	0.75	1.0	▨	▨	▨
254	226	231	0.0	0.733	1.0	51.2	−15.6	−54.7	56.9	254	0.0	1.0	0.825	55.0	−31.5	−32.6	45.5	226	0.0	0.733	1.0	0.0	1.0	0.888	54.2	−29.4	−37.1	47.5	231	0.0	0.733	1.0	▨	▨	▨
254	227	232	0.0	0.716	1.0	50.9	−14.8	−54.9	56.9	254	0.0	1.0	0.837	54.9	−31.2	−33.5	45.9	227	0.0	0.717	1.0	0.0	1.0	0.897	54.0	−29.1	−37.9	47.9	232	0.0	0.717	1.0	▨	▨	▨
255	228	233	0.0	0.7	1.0	50.6	−14.1	−55.1	56.8	255	0.0	1.0	0.85	54.7	−30.8	−34.3	46.2	228	0.0	0.7	1.0	0.0	1.0	0.905	53.9	−28.6	−38.6	48.2	233	0.0	0.7	1.0	▨	▨	▨
256	229	234	0.0	0.683	1.0	50.3	−13.3	−55.2	56.8	256	0.0	1.0	0.862	54.6	−30.5	−35.1	46.6	229	0.0	0.683	1.0	0.0	1.0	0.913	53.7	−28.2	−39.4	48.6	234	0.0	0.683	1.0	▨	▨	▨
257	230	235	0.0	0.666	1.0	50.0	−12.5	−55.4	56.8	257	0.0	1.0	0.874	54.4	−30.1	−35.9	46.9	230	0.0	0.667	1.0	0.0	1.0	0.921	53.6	−27.8	−40.1	48.9	235	0.0	0.667	1.0	▨	▨	▨
258	231	236	0.0	0.65	1.0	49.8	−11.7	−55.5	56.7	258	0.0	1.0	0.883	54.3	−29.7	−36.7	47.3	231	0.0	0.65	1.0	0.0	1.0	0.929	53.4	−27.3	−40.8	49.3	236	0.0	0.65	1.0	▨	▨	▨
258	232	237	0.0	0.633	1.0	49.5	−10.9	−55.6	56.7	258	0.0	1.0	0.892	54.1	−29.3	−37.5	47.7	232	0.0	0.633	1.0	0.0	1.0	0.937	53.3	−26.9	−41.5	49.6	237	0.0	0.633	1.0	▨	▨	▨
259	233	237	0.0	0.616	1.0	49.1	−10.2	−55.6	56.6	259	0.0	1.0	0.901	53.9	−28.8	−38.3	48.1	233	0.0	0.617	1.0	0.0	1.0	0.945	53.1	−26.4	−42.3	50.0	237	0.0	0.617	1.0	▨	▨	▨
260	234	238	0.0	0.6	1.0	48.5	−9.4	−55.5	56.3	260	0.0	1.0	0.91	53.8	−28.4	−39.1	48.5	234	0.0	0.6	1.0	0.0	1.0	0.953	53.0	−25.9	−43.0	50.3	238	0.0	0.6	1.0	▨	▨	▨
261	235	239	0.0	0.583	1.0	48.0	−8.7	−55.4	56.1	261	0.0	1.0	0.919	53.6	−27.9	−39.9	48.8	235	0.0	0.583	1.0	0.0	1.0	0.962	52.8	−25.4	−43.7	50.6	239	0.0	0.583	1.0	▨	▨	▨
261	236	240	0.0	0.566	1.0	47.5	−7.9	−55.3	55.8	261	0.0	1.0	0.928	53.4	−27.4	−40.7	49.2	236	0.0	0.567	1.0	0.0	1.0	0.97	52.7	−24.8	−44.4	51.0	240	0.0	0.567	1.0	▨	▨	▨
262	237	241	0.0	0.55	1.0	46.9	−7.2	−55.1	55.6	262	0.0	1.0	0.937	53.3	−26.9	−41.5	49.6	237	0.0	0.55	1.0	0.0	1.0	0.978	52.5	−24.3	−45.1	51.3	241	0.0	0.55	1.0	▨	▨	▨
263	238	242	0.0	0.533	1.0	46.4	−6.5	−55.0	55.4	263	0.0	1.0	0.946	53.1	−26.4	−42.3	50.0	238	0.0	0.533	1.0	0.0	1.0	0.986	52.4	−23.7	−45.8	51.7	242	0.0	0.533	1.0	▨	▨	▨
263	239	243	0.0	0.516	1.0	45.9	−5.7	−54.8	55.1	263	0.0	1.0	0.954	53.0	−25.8	−43.1	50.3	239	0.0	0.517	1.0	0.0	1.0	0.994	52.2	−23.2	−46.4	52.0	243	0.0	0.517	1.0	▨	▨	▨
264	240	244	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264	0.0	1.0	0.963	52.8	−25.3	−43.8	50.7	240	0.0	0.5	1.0	0.0	0.993	1.0	52.1	−22.6	−47.2	52.4	244	0.0	0.5	1.0	▨	▨	▨
265	241	245	0.0	0.483	1.0	44.7	−4.2	−54.5	54.7	265	0.0	1.0	0.972	52.6	−24.7	−44.6	51.1	241	0.0	0.483	1.0	0.0	0.966	1.0	51.9	−22.0	−47.9	52.9	245	0.0	0.483	1.0	▨	▨	▨
266	242	246	0.0	0.466	1.0	44.0	−3.3	−54.4	54.5	266	0.0	1.0	0.981	52.5	−24.1	−45.4	51.5	242	0.0	0.467	1.0	0.0	0.939	1.0	51.8	−21.4	−48.7	53.4	246	0.0	0.467	1.0	▨	▨	▨
267	243	247	0.0	0.45	1.0	43.3	−2.5	−54.3	54.3	267	0.0	1.0	0.99	52.3	−23.4	−46.1	51.9	243	0.0	0.45	1.0	0.0	0.913	1.0	51.6	−20.8	−49.5	53.8	247	0.0	0.45	1.0	▨	▨	▨
268	244	248	0.0	0.433	1.0	42.6	−1.6	−54.1	54.2	268	0.0	1.0	0.999	52.1	−22.8	−46.9	52.2	244	0.0	0.433	1.0	0.0	0.886	1.0	51.5	−20.2	−50.2	54.3	248	0.0	0.433	1.0	▨	▨	▨
269	245	248	0.0	0.416	1.0	41.9	−0.8	−54.0	54.0	269	0.0	0.974	1.0	52.0	−22.2	−47.7	52.7	245	0.0	0.417	1.0	0.0	0.861	1.0	51.4	−19.6	−51.0	54.8	248	0.0	0.417	1.0	▨	▨	▨
269	246	249	0.0	0.4	1.0	41.2	0.0	−53.8	53.8	269	0.0	0.945	1.0	51.8	−21.6	−48.6	53.3	246	0.0	0.4	1.0	0.0	0.838	1.0	51.5	−18.9	−51.7	55.2	249	0.0	0.4	1.0	▨	▨	▨
270	247	250	0.0	0.383	1.0	40.5	0.8	−53.6	53.6	270	0.0	0.915	1.0	51.6	−20.9	−49.4	53.8	247	0.0	0.383	1.0	0.0	0.814	1.0	51.5	−18.3	−52.5	55.7	250	0.0	0.383	1.0	▨	▨	▨
271	248	251	0.0	0.366	1.0	39.9	1.7	−53.4	53.5	271	0.0	0.886	1.0	51.5	−20.2	−50.2	54.3	248	0.0	0.367	1.0	0.0	0.791	1.0	51.5	−17.6	−53.2	56.2	251	0.0	0.367	1.0	▨	▨	▨
272	249	252	0.0	0.35	1.0	39.3	2.6	−53.2	53.3	272	0.0	0.859	1.0	51.4	−19.5	−51.1	54.8	249	0.0	0.35	1.0	0.0	0.767	1.0	51.5	−16.9	−53.9	56.6	252	0.0	0.35	1.0	▨	▨	▨
273	250	253	0.0	0.333	1.0	38.7	3.5	−53.0	53.1	273	0.0	0.833	1.0	51.5	−18.8	−51.9	55.3	250	0.0	0.333	1.0	0.0	0.745	1.0	51.5	−16.1	−54.5	57.0	253	0.0	0.333	1.0	▨	▨	▨
274	251	254	0.0	0.316	1.0	38.1	4.5	−52.7	52.9	274	0.0	0.808	1.0	51.5	−18.1	−52.7	55.8	251	0.0	0.317	1.0	0.0	0.726	1.0	51.1	−15.2	−54.7	56.9	254	0.0	0.317	1.0	▨	▨	▨
275	252	255	0.0	0.3	1.0	37.6	5.4	−52.4	52.7	275	0.0	0.782	1.0	51.5	−17.3	−53.5	56.3	252	0.0	0.3	1.0	0.0	0.707	1.0	50.8	−14.3	−54.9	56.9	255	0.0	0.3	1.0	▨	▨	▨
276	253	256	0.0	0.283	1.0	37.0	6.3	−52.1	52.5	276	0.0	0.756	1.0	51.5	−16.5	−54.3	56.8	253	0.0	0.283	1.0	0.0	0.688	1.0	50.5	−13.4	−55.1	56.9	256	0.0	0.283	1.0	▨	▨	▨
277	254	257	0.0	0.266	1.0	36.4	7.2	−51.8	52.3	277	0.0	0.734	1.0	51.3	−15.6	−54.6	56.9	254	0.0	0.267	1.0	0.0	0.669	1.0	50.1	−12.6	−55.3	56.8	257	0.0	0.267	1.0	▨	▨	▨
278	255	258	0.0	0.25	1.0	35.8	8.1	−51.5	52.1	278	0.0	0.713	1.0	50.9	−14.6	−54.9	56.9	255	0.0	0.25	1.0	0.0	0.65	1.0	49.8	−11.7	−55.5	56.8	258	0.0	0.25	1.0	▨	▨	▨

RE670−71 1−0131330−L0 LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 14/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_e$
output: transfer to *cmyk*$_e$

1−0131330−F0

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.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 cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
278	255	258	0.0	0.25	1.0	35.8	8.1	−51.5	52.1	278	0.0	0.713	1.0	50.9	−14.6	−54.9	56.9	255	0.0	0.25	1.0	0.0	0.65	1.0	49.8	−11.7	−55.5	56.8	258	0.0	0.25	1.0	🟦	🟦	🟦
280	256	258	0.0	0.233	1.0	35.6	9.4	−51.1	52.0	280	0.0	0.693	1.0	50.5	−13.7	−55.1	56.9	256	0.0	0.233	1.0	0.0	0.631	1.0	49.5	−10.8	−55.6	56.8	258	0.0	0.233	1.0	🟦	🟦	🟦
281	257	259	0.0	0.216	1.0	35.5	10.6	−50.7	51.9	281	0.0	0.672	1.0	50.2	−12.7	−55.3	56.8	257	0.0	0.217	1.0	0.0	0.611	1.0	48.9	−9.8	−55.6	56.5	259	0.0	0.217	1.0	🟦	🟦	🟦
283	258	260	0.0	0.2	1.0	35.3	11.9	−50.3	51.7	283	0.0	0.651	1.0	49.8	−11.7	−55.4	56.8	258	0.0	0.2	1.0	0.0	0.59	1.0	48.2	−8.9	−55.4	56.2	260	0.0	0.2	1.0	🟦	🟦	🟦
284	259	261	0.0	0.183	1.0	35.1	13.1	−49.9	51.6	284	0.0	0.63	1.0	49.5	−10.7	−55.6	56.8	259	0.0	0.183	1.0	0.0	0.569	1.0	47.6	−8.0	−55.2	55.9	261	0.0	0.183	1.0	🟦	🟦	🟦
286	260	262	0.0	0.166	1.0	35.0	14.3	−49.4	51.5	286	0.0	0.608	1.0	48.8	−9.7	−55.5	56.5	260	0.0	0.167	1.0	0.0	0.548	1.0	46.9	−7.1	−55.1	55.6	262	0.0	0.167	1.0	🟦	🟦	🟦
287	261	263	0.0	0.15	1.0	34.8	15.5	−48.9	51.3	287	0.0	0.585	1.0	48.1	−8.7	−55.4	56.2	261	0.0	0.15	1.0	0.0	0.527	1.0	46.3	−6.1	−54.9	55.3	263	0.0	0.15	1.0	🟦	🟦	🟦
289	262	264	0.0	0.133	1.0	34.6	16.7	−48.4	51.2	289	0.0	0.562	1.0	47.4	−7.7	−55.2	55.8	262	0.0	0.133	1.0	0.0	0.506	1.0	45.6	−5.2	−54.6	55.0	264	0.0	0.133	1.0	🟦	🟦	🟦
290	263	265	0.0	0.116	1.0	34.4	17.9	−47.9	51.1	290	0.0	0.539	1.0	46.6	−6.7	−55.0	55.5	263	0.0	0.117	1.0	0.0	0.488	1.0	44.9	−4.3	−54.5	54.8	265	0.0	0.117	1.0	🟦	🟦	🟦
291	264	266	0.0	0.1	1.0	34.1	19.0	−47.5	51.2	291	0.0	0.516	1.0	45.9	−5.7	−54.8	55.2	264	0.0	0.1	1.0	0.0	0.471	1.0	44.2	−3.5	−54.4	54.6	266	0.0	0.1	1.0	🟦	🟦	🟦
293	265	267	0.0	0.083	1.0	33.8	20.1	−47.1	51.2	293	0.0	0.495	1.0	45.2	−4.7	−54.5	54.9	265	0.0	0.083	1.0	0.0	0.453	1.0	43.5	−2.6	−54.3	54.4	267	0.0	0.083	1.0	🟦	🟦	🟦
294	266	268	0.0	0.066	1.0	33.5	21.2	−46.6	51.2	294	0.0	0.476	1.0	44.4	−3.7	−54.4	54.7	266	0.0	0.067	1.0	0.0	0.436	1.0	42.8	−1.7	−54.1	54.2	268	0.0	0.067	1.0	🟦	🟦	🟦
295	267	269	0.0	0.049	1.0	33.2	22.4	−46.1	51.3	295	0.0	0.457	1.0	43.6	−2.8	−54.3	54.5	267	0.0	0.05	1.0	0.0	0.419	1.0	42.1	−0.8	−54.0	54.1	269	0.0	0.05	1.0	🟦	🟦	🟦
297	268	269	0.0	0.033	1.0	32.9	23.5	−45.6	51.3	297	0.0	0.438	1.0	42.8	−1.8	−54.1	54.3	268	0.0	0.033	1.0	0.0	0.402	1.0	41.3	0.0	−53.8	53.9	269	0.0	0.033	1.0	🟦	🟦	🟦
298	269	270	0.0	0.016	1.0	32.6	24.5	−45.1	51.3	298	0.0	0.419	1.0	42.1	−0.8	−54.0	54.1	269	0.0	0.017	1.0	0.0	0.384	1.0	40.6	0.8	−53.6	53.7	270	0.0	0.017	1.0	🟦	🟦	🟦
299	270	271	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299 ***B***$_d$	0.0	0.4	1.0	41.3	0.0	−53.8	53.9	270 ***B***$_s$	0.0	0.0	1.0	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271 ***B***$_e$	0.0	0.0	1.0	🟦	🟦	🟦
300	271	272	0.016	0.0	1.0	32.2	26.5	−44.3	51.6	300	0.0	0.381	1.0	40.5	0.9	−53.6	53.7	271	0.017	0.0	1.0	0.0	0.353	1.0	39.5	2.5	−53.2	53.3	272	0.017	0.0	1.0	🟦	🟦	🟦
301	272	273	0.033	0.0	1.0	32.1	27.3	−44.0	51.8	301	0.0	0.364	1.0	39.9	1.9	−53.3	53.5	272	0.033	0.0	1.0	0.0	0.337	1.0	38.9	3.4	−53.0	53.2	273	0.033	0.0	1.0	🟦	🟦	🟦
302	273	274	0.05	0.0	1.0	31.9	28.2	−43.7	52.0	302	0.0	0.348	1.0	39.3	2.8	−53.1	53.3	273	0.05	0.0	1.0	0.0	0.322	1.0	38.4	4.2	−52.7	53.0	274	0.05	0.0	1.0	🟦	🟦	🟦
303	274	275	0.066	0.0	1.0	31.8	29.0	−43.4	52.2	303	0.0	0.331	1.0	38.7	3.7	−52.9	53.1	274	0.067	0.0	1.0	0.0	0.306	1.0	37.8	5.1	−52.5	52.8	275	0.067	0.0	1.0	🟦	🟦	🟦
304	275	276	0.083	0.0	1.0	31.7	29.9	−43.1	52.4	304	0.0	0.315	1.0	38.1	4.6	−52.6	52.9	275	0.083	0.0	1.0	0.0	0.291	1.0	37.3	5.9	−52.2	52.6	276	0.083	0.0	1.0	🟦	🟦	🟦
305	276	277	0.1	0.0	1.0	31.6	30.7	−42.7	52.6	305	0.0	0.299	1.0	37.6	5.5	−52.3	52.7	276	0.1	0.0	1.0	0.0	0.276	1.0	36.7	6.8	−51.9	52.5	277	0.1	0.0	1.0	🟦	🟦	🟦
306	277	278	0.116	0.0	1.0	31.4	31.5	−42.4	52.8	306	0.0	0.282	1.0	37.0	6.4	−52.1	52.5	277	0.117	0.0	1.0	0.0	0.26	1.0	36.2	7.6	−51.6	52.3	278	0.117	0.0	1.0	🟦	🟦	🟦
307	278	279	0.133	0.0	1.0	31.3	32.5	−42.0	53.1	307	0.0	0.266	1.0	36.4	7.3	−51.8	52.4	278	0.133	0.0	1.0	0.0	0.246	1.0	35.8	8.4	−51.4	52.1	279	0.133	0.0	1.0	🟦	🟦	🟦
308	279	280	0.15	0.0	1.0	31.3	33.5	−41.5	53.4	308	0.0	0.25	1.0	35.8	8.2	−51.4	52.2	279	0.15	0.0	1.0	0.0	0.235	1.0	35.7	9.3	−51.1	52.1	280	0.15	0.0	1.0	🟦	🟦	🟦
310	280	281	0.166	0.0	1.0	31.2	34.6	−41.1	53.7	310	0.0	0.238	1.0	35.7	9.0	−51.2	52.1	280	0.167	0.0	1.0	0.0	0.224	1.0	35.6	10.1	−50.9	52.0	281	0.167	0.0	1.0	🟦	🟦	🟦
311	281	282	0.183	0.0	1.0	31.1	35.6	−40.6	54.0	311	0.0	0.227	1.0	35.6	9.9	−50.9	52.0	281	0.183	0.0	1.0	0.0	0.213	1.0	35.5	10.9	−50.6	51.9	282	0.183	0.0	1.0	🟦	🟦	🟦
312	282	283	0.2	0.0	1.0	31.1	36.6	−40.0	54.3	312	0.0	0.215	1.0	35.5	10.8	−50.7	51.9	282	0.2	0.0	1.0	0.0	0.202	1.0	35.4	11.7	−50.3	51.8	283	0.2	0.0	1.0	🟦	🟦	🟦
313	283	284	0.216	0.0	1.0	31.0	37.6	−39.5	54.6	313	0.0	0.204	1.0	35.4	11.7	−50.4	51.8	283	0.217	0.0	1.0	0.0	0.191	1.0	35.3	12.6	−50.1	51.7	284	0.217	0.0	1.0	🟦	🟦	🟦
314	284	285	0.233	0.0	1.0	30.9	38.6	−38.9	54.9	314	0.0	0.192	1.0	35.3	12.5	−50.1	51.7	284	0.233	0.0	1.0	0.0	0.181	1.0	35.1	13.4	−49.8	51.6	285	0.233	0.0	1.0	🟦	🟦	🟦
315	285	285	0.25	0.0	1.0	30.9	39.6	−38.3	55.1	315	0.0	0.181	1.0	35.1	13.4	−49.8	51.6	285	0.25	0.0	1.0	0.0	0.17	1.0	35.0	14.2	−49.4	51.5	285	0.25	0.0	1.0	🟦	🟦	🟦
316	286	286	0.266	0.0	1.0	31.2	40.4	−37.9	55.4	316	0.0	0.169	1.0	35.0	14.2	−49.4	51.5	286	0.267	0.0	1.0	0.0	0.159	1.0	34.9	15.0	−49.1	51.4	286	0.267	0.0	1.0	🟦	🟦	🟦
317	287	287	0.283	0.0	1.0	31.4	41.2	−37.5	55.7	317	0.0	0.157	1.0	34.9	15.0	−49.1	51.4	287	0.283	0.0	1.0	0.0	0.148	1.0	34.8	15.7	−48.8	51.3	287	0.283	0.0	1.0	🟦	🟦	🟦
318	288	288	0.3	0.0	1.0	31.7	41.9	−37.1	56.0	318	0.0	0.146	1.0	34.8	15.9	−48.7	51.3	288	0.3	0.0	1.0	0.0	0.137	1.0	34.7	16.5	−48.4	51.3	288	0.3	0.0	1.0	🟦	🟦	🟦
319	289	289	0.316	0.0	1.0	32.0	42.7	−36.7	56.3	319	0.0	0.134	1.0	34.7	16.7	−48.4	51.2	289	0.317	0.0	1.0	0.0	0.126	1.0	34.6	17.3	−48.1	51.2	289	0.317	0.0	1.0	🟦	🟦	🟦
320	290	290	0.333	0.0	1.0	32.3	43.4	−36.3	56.6	320	0.0	0.123	1.0	34.5	17.5	−48.0	51.2	290	0.333	0.0	1.0	0.0	0.114	1.0	34.4	18.1	−47.8	51.2	290	0.333	0.0	1.0	🟦	🟦	🟦
320	291	291	0.35	0.0	1.0	32.6	44.2	−35.9	56.9	320	0.0	0.11	1.0	34.3	18.3	−47.7	51.2	291	0.35	0.0	1.0	0.0	0.102	1.0	34.2	18.9	−47.5	51.2	291	0.35	0.0	1.0	🟦	🟦	🟦
321	292	292	0.366	0.0	1.0	32.9	44.9	−35.4	57.2	321	0.0	0.098	1.0	34.1	19.2	−47.4	51.2	292	0.367	0.0	1.0	0.0	0.091	1.0	34.0	19.7	−47.2	51.2	292	0.367	0.0	1.0	🟦	🟦	🟦
322	293	293	0.383	0.0	1.0	33.2	45.6	−35.0	57.5	322	0.0	0.086	1.0	33.9	20.0	−47.1	51.2	293	0.383	0.0	1.0	0.0	0.079	1.0	33.8	20.5	−46.9	51.3	293	0.383	0.0	1.0	🟦	🟦	🟦
323	294	294	0.4	0.0	1.0	33.5	46.2	−34.7	57.8	323	0.0	0.073	1.0	33.7	20.9	−46.7	51.3	294	0.4	0.0	1.0	0.0	0.067	1.0	33.6	21.3	−46.6	51.3	294	0.4	0.0	1.0	🟦	🟦	🟦
323	295	295	0.416	0.0	1.0	33.8	46.9	−34.4	58.2	323	0.0	0.061	1.0	33.4	21.7	−46.4	51.3	295	0.417	0.0	1.0	0.0	0.056	1.0	33.4	22.0	−46.2	51.3	295	0.417	0.0	1.0	🟦	🟦	🟦
324	296	296	0.433	0.0	1.0	34.1	47.5	−34.1	58.5	324	0.0	0.049	1.0	33.2	22.5	−46.0	51.3	296	0.433	0.0	1.0	0.0	0.044	1.0	33.1	22.8	−45.9	51.3	296	0.433	0.0	1.0	🟦	🟦	🟦
324	297	297	0.45	0.0	1.0	34.4	48.2	−33.7	58.8	324	0.0	0.036	1.0	33.0	23.3	−45.7	51.3	297	0.45	0.0	1.0	0.0	0.032	1.0	32.9	23.6	−45.5	51.4	297	0.45	0.0	1.0	🟦	🟦	🟦
325	298	298	0.466	0.0	1.0	34.8	48.8	−33.4	59.1	325	0.0	0.024	1.0	32.8	24.1	−45.3	51.4	298	0.467	0.0	1.0	0.0	0.021	1.0	32.7	24.3	−45.1	51.4	298	0.467	0.0	1.0	🟦	🟦	🟦
326	299	299	0.483	0.0	1.0	35.1	49.4	−33.0	59.5	326	0.0	0.012	1.0	32.6	24.9	−44.9	51.4	299	0.483	0.0	1.0	0.0	0.009	1.0	32.5	25.1	−44.8	51.4	299	0.483	0.0	1.0	🟦	🟦	🟦
326	300	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326	0.001	0.0	1.0	32.4	25.7	−44.4	51.4	300	0.5	0.0	1.0	0.004	0.0	1.0	32.3	25.9	−44.4	51.5	300	0.5	0.0	1.0	🟦	🟦	🟦

RE670−71 1−0131430−L0 LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmyn6*, D65, page 15/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_e$
output: transfer to *cmyk*$_e$

1−0131430−F0

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 16/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}			$LAB^*_{\mathrm{ddx361Mi}}$ (x=LabCh)						rgb^*_{ds361Mi}			$LAB^*_{\mathrm{dsx361Mi}}$ (x=LabCh)						rgb^*_{dd361Mi}			rgb^*_{de361Mi}			$LAB^*_{\mathrm{dex361Mi}}$ (x=LabCh)						rgb^*_{dd361Mi}			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
326	300	300	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326		0.001	0.0	1.0	32.4	25.7	−44.4	51.4	300		0.5	0.0	1.0	0.004	0.0	1.0	32.3	25.9	−44.4	51.5	300		0.5	0.0	1.0	■	■	■
327	301	301	0.516	0.0	1.0	35.8	50.7	−32.2	60.1	327		0.018	0.0	1.0	32.2	26.6	−44.2	51.7	301		0.517	0.0	1.0	0.02	0.0	1.0	32.2	26.7	−44.1	51.7	301		0.517	0.0	1.0	■	■	■
328	302	302	0.533	0.0	1.0	36.1	51.3	−31.8	60.4	328		0.036	0.0	1.0	32.1	27.5	−43.9	51.9	302		0.533	0.0	1.0	0.037	0.0	1.0	32.1	27.5	−43.9	51.9	302		0.533	0.0	1.0	■	■	■
328	303	303	0.55	0.0	1.0	36.5	52.0	−31.4	60.7	328		0.053	0.0	1.0	32.0	28.4	−43.6	52.1	303		0.55	0.0	1.0	0.053	0.0	1.0	32.0	28.4	−43.6	52.1	303		0.55	0.0	1.0	■	■	■
329	304	303	0.566	0.0	1.0	36.9	52.6	−31.0	61.1	329		0.07	0.0	1.0	31.8	29.3	−43.3	52.3	304		0.567	0.0	1.0	0.07	0.0	1.0	31.8	29.2	−43.3	52.3	303		0.567	0.0	1.0	■	■	■
330	305	304	0.583	0.0	1.0	37.3	53.2	−30.6	61.4	330		0.088	0.0	1.0	31.7	30.1	−42.9	52.5	305		0.583	0.0	1.0	0.086	0.0	1.0	31.7	30.1	−43.0	52.5	304		0.583	0.0	1.0	■	■	■
330	306	305	0.6	0.0	1.0	37.7	53.8	−30.1	61.7	330		0.105	0.0	1.0	31.6	31.0	−42.6	52.7	306		0.6	0.0	1.0	0.103	0.0	1.0	31.6	30.9	−42.6	52.7	305		0.6	0.0	1.0	■	■	■
331	307	306	0.616	0.0	1.0	38.0	54.5	−29.7	62.0	331		0.122	0.0	1.0	31.4	31.9	−42.2	53.0	307		0.617	0.0	1.0	0.119	0.0	1.0	31.5	31.7	−42.3	52.9	306		0.617	0.0	1.0	■	■	■
332	308	307	0.633	0.0	1.0	38.4	55.1	−29.1	62.3	332		0.137	0.0	1.0	31.4	32.8	−41.8	53.2	308		0.633	0.0	1.0	0.134	0.0	1.0	31.4	32.5	−41.9	53.2	307		0.633	0.0	1.0	■	■	■
333	309	308	0.65	0.0	1.0	38.7	55.8	−28.4	62.6	333		0.151	0.0	1.0	31.3	33.6	−41.4	53.5	309		0.65	0.0	1.0	0.147	0.0	1.0	31.3	33.4	−41.6	53.4	308		0.65	0.0	1.0	■	■	■
333	310	309	0.666	0.0	1.0	39.0	56.5	−27.7	62.9	333		0.165	0.0	1.0	31.3	34.5	−41.0	53.7	310		0.667	0.0	1.0	0.16	0.0	1.0	31.3	34.2	−41.2	53.6	309		0.667	0.0	1.0	■	■	■
334	311	310	0.683	0.0	1.0	39.3	57.1	−27.0	63.2	334		0.179	0.0	1.0	31.2	35.4	−40.6	54.0	311		0.683	0.0	1.0	0.174	0.0	1.0	31.2	35.0	−40.8	53.9	310		0.683	0.0	1.0	■	■	■
335	312	311	0.7	0.0	1.0	39.6	57.8	−26.3	63.5	335		0.194	0.0	1.0	31.1	36.3	−40.2	54.2	312		0.7	0.0	1.0	0.187	0.0	1.0	31.2	35.9	−40.4	54.1	311		0.7	0.0	1.0	■	■	■
336	313	312	0.716	0.0	1.0	39.9	58.4	−25.5	63.8	336		0.208	0.0	1.0	31.1	37.1	−39.7	54.5	313		0.717	0.0	1.0	0.201	0.0	1.0	31.1	36.7	−40.0	54.3	312		0.717	0.0	1.0	■	■	■
337	314	313	0.733	0.0	1.0	40.2	59.1	−24.8	64.1	337		0.222	0.0	1.0	31.0	38.0	−39.2	54.7	314		0.733	0.0	1.0	0.214	0.0	1.0	31.1	37.5	−39.5	54.6	313		0.733	0.0	1.0	■	■	■
338	315	314	0.75	0.0	1.0	40.5	59.7	−24.0	64.3	338		0.236	0.0	1.0	31.0	38.9	−38.8	55.0	315		0.75	0.0	1.0	0.227	0.0	1.0	31.0	38.3	−39.1	54.8	314		0.75	0.0	1.0	■	■	■
338	316	315	0.766	0.0	1.0	40.8	60.4	−23.7	64.9	338		0.25	0.0	1.0	30.9	39.7	−38.2	55.2	316		0.767	0.0	1.0	0.241	0.0	1.0	31.0	39.1	−38.6	55.0	315		0.767	0.0	1.0	■	■	■
339	317	316	0.783	0.0	1.0	41.2	61.1	−23.3	65.4	339		0.271	0.0	1.0	31.3	40.6	−37.8	55.6	317		0.783	0.0	1.0	0.256	0.0	1.0	31.0	40.0	−38.1	55.3	316		0.783	0.0	1.0	■	■	■
339	318	317	0.8	0.0	1.0	41.5	61.8	−23.0	65.9	339		0.291	0.0	1.0	31.6	41.6	−37.3	55.9	318		0.8	0.0	1.0	0.275	0.0	1.0	31.4	40.8	−37.7	55.6	317		0.8	0.0	1.0	■	■	■
340	319	318	0.816	0.0	1.0	41.8	62.5	−22.6	66.5	340		0.311	0.0	1.0	32.0	42.5	−36.8	56.3	319		0.817	0.0	1.0	0.295	0.0	1.0	31.7	41.7	−37.2	56.0	318		0.817	0.0	1.0	■	■	■
340	320	319	0.833	0.0	1.0	42.2	63.2	−22.2	67.0	340		0.332	0.0	1.0	32.3	43.4	−36.3	56.6	320		0.833	0.0	1.0	0.314	0.0	1.0	32.0	42.6	−36.8	56.3	319		0.833	0.0	1.0	■	■	■
341	321	320	0.85	0.0	1.0	42.5	63.9	−21.8	67.6	341		0.352	0.0	1.0	32.7	44.3	−35.8	57.0	321		0.85	0.0	1.0	0.333	0.0	1.0	32.3	43.5	−36.3	56.7	320		0.85	0.0	1.0	■	■	■
341	322	321	0.866	0.0	1.0	42.8	64.6	−21.4	68.1	341		0.372	0.0	1.0	33.0	45.2	−35.2	57.3	322		0.867	0.0	1.0	0.352	0.0	1.0	32.7	44.3	−35.8	57.0	321		0.867	0.0	1.0	■	■	■
342	323	321	0.883	0.0	1.0	43.2	65.4	−21.0	68.7	342		0.398	0.0	1.0	33.5	46.2	−34.7	57.8	323		0.883	0.0	1.0	0.372	0.0	1.0	33.0	45.2	−35.2	57.3	321		0.883	0.0	1.0	■	■	■
342	324	322	0.9	0.0	1.0	43.7	66.1	−20.5	69.3	342		0.424	0.0	1.0	34.0	47.2	−34.2	58.4	324		0.9	0.0	1.0	0.396	0.0	1.0	33.5	46.1	−34.7	57.8	322		0.9	0.0	1.0	■	■	■
343	325	323	0.916	0.0	1.0	44.3	66.9	−20.0	69.8	343		0.45	0.0	1.0	34.5	48.2	−33.7	58.9	325		0.917	0.0	1.0	0.421	0.0	1.0	33.9	47.1	−34.3	58.3	323		0.917	0.0	1.0	■	■	■
343	326	324	0.933	0.0	1.0	44.8	67.7	−19.5	70.4	343		0.477	0.0	1.0	35.0	49.2	−33.1	59.4	326		0.933	0.0	1.0	0.446	0.0	1.0	34.4	48.0	−33.8	58.8	324		0.933	0.0	1.0	■	■	■
344	327	325	0.95	0.0	1.0	45.3	68.4	−18.9	71.0	344		0.503	0.0	1.0	35.5	50.2	−32.5	59.9	327		0.95	0.0	1.0	0.471	0.0	1.0	34.9	49.0	−33.2	59.3	325		0.95	0.0	1.0	■	■	■
345	328	326	0.966	0.0	1.0	45.8	69.2	−18.4	71.6	345		0.529	0.0	1.0	36.1	51.2	−31.9	60.4	328		0.967	0.0	1.0	0.496	0.0	1.0	35.4	49.9	−32.7	59.7	326		0.967	0.0	1.0	■	■	■
345	329	327	0.983	0.0	1.0	46.3	70.0	−17.8	72.2	345		0.555	0.0	1.0	36.7	52.2	−31.3	60.9	329		0.983	0.0	1.0	0.52	0.0	1.0	35.9	50.9	−32.1	60.2	327		0.983	0.0	1.0	■	■	■
346	330	328	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346	M_d	0.58	0.0	1.0	37.3	53.2	−30.6	61.4	330	M_s	1.0	0.0	1.0	0.545	0.0	1.0	36.4	51.8	−31.5	60.7	328	M_e	1.0	0.0	1.0	■	■	■
346	331	329	1.0	0.0	0.983	46.7	70.7	−16.9	72.7	346		0.606	0.0	1.0	37.8	54.1	−29.9	61.9	331		1.0	0.0	0.983	0.569	0.0	1.0	37.0	52.7	−30.9	61.2	329		1.0	0.0	0.983	■	■	■
346	332	330	1.0	0.0	0.966	46.6	70.7	−16.5	72.6	346		0.63	0.0	1.0	38.4	55.0	−29.2	62.3	332		1.0	0.0	0.967	0.593	0.0	1.0	37.6	53.6	−30.2	61.6	330		1.0	0.0	0.967	■	■	■
347	333	331	1.0	0.0	0.95	46.5	70.7	−16.1	72.5	347		0.65	0.0	1.0	38.7	55.8	−28.4	62.7	333		1.0	0.0	0.95	0.618	0.0	1.0	38.1	54.6	−29.6	62.1	331		1.0	0.0	0.95	■	■	■
347	334	332	1.0	0.0	0.933	46.4	70.7	−15.7	72.4	347		0.67	0.0	1.0	39.1	56.6	−27.5	63.0	334		1.0	0.0	0.933	0.638	0.0	1.0	38.5	55.4	−28.8	62.5	332		1.0	0.0	0.933	■	■	■
347	335	333	1.0	0.0	0.916	46.3	70.6	−15.3	72.3	347		0.689	0.0	1.0	39.5	57.4	−26.7	63.3	335		1.0	0.0	0.917	0.657	0.0	1.0	38.9	56.1	−28.1	62.8	333		1.0	0.0	0.917	■	■	■
348	336	334	1.0	0.0	0.9	46.2	70.6	−14.9	72.2	348		0.709	0.0	1.0	39.8	58.2	−25.8	63.7	336		1.0	0.0	0.9	0.676	0.0	1.0	39.2	56.9	−27.3	63.1	334		1.0	0.0	0.9	■	■	■
348	337	335	1.0	0.0	0.883	46.2	70.6	−14.6	72.1	348		0.729	0.0	1.0	40.2	58.9	−24.9	64.0	337		1.0	0.0	0.883	0.694	0.0	1.0	39.5	57.6	−26.5	63.4	335		1.0	0.0	0.883	■	■	■
348	338	336	1.0	0.0	0.866	46.1	70.4	−13.9	71.8	348		0.749	0.0	1.0	40.5	59.7	−24.0	64.4	338		1.0	0.0	0.867	0.713	0.0	1.0	39.9	58.3	−25.6	63.8	336		1.0	0.0	0.867	■	■	■
349	339	337	1.0	0.0	0.85	46.0	70.1	−13.1	71.3	349		0.781	0.0	1.0	41.2	61.0	−23.3	65.4	339		1.0	0.0	0.85	0.732	0.0	1.0	40.2	59.0	−24.8	64.1	337		1.0	0.0	0.85	■	■	■
349	340	338	1.0	0.0	0.833	45.9	69.8	−12.3	70.9	349		0.814	0.0	1.0	41.8	62.4	−22.6	66.4	340		1.0	0.0	0.833	0.751	0.0	1.0	40.6	59.8	−23.9	64.4	338		1.0	0.0	0.833	■	■	■
350	341	339	1.0	0.0	0.816	45.8	69.5	−11.5	70.4	350		0.847	0.0	1.0	42.5	63.8	−21.9	67.5	341		1.0	0.0	0.817	0.782	0.0	1.0	41.2	61.1	−23.3	65.4	339		1.0	0.0	0.817	■	■	■
351	342	339	1.0	0.0	0.8	45.7	69.1	−10.7	70.0	351		0.879	0.0	1.0	43.2	65.2	−21.1	68.5	342		1.0	0.0	0.8	0.813	0.0	1.0	41.8	62.4	−22.6	66.4	339		1.0	0.0	0.8	■	■	■
351	343	340	1.0	0.0	0.783	45.6	68.8	−9.9	69.5	351		0.907	0.0	1.0	44.0	66.5	−20.2	69.6	343		1.0	0.0	0.783	0.844	0.0	1.0	42.4	63.7	−21.9	67.4	340		1.0	0.0	0.783	■	■	■
352	344	341	1.0	0.0	0.766	45.5	68.4	−9.1	69.0	352		0.936	0.0	1.0	44.9	67.8	−19.4	70.6	344		1.0	0.0	0.767	0.875	0.0	1.0	43.1	65.0	−21.2	68.4	341		1.0	0.0	0.767	■	■	■
353	345	342	1.0	0.0	0.75	45.3	68.1	−8.3	68.6	353		0.964	0.0	1.0	45.8	69.1	−18.4	71.6	345		1.0	0.0	0.75	0.902	0.0	1.0	43.9	66.3	−20.4	69.4	342		1.0	0.0	0.75	■	■	■

RE670−71 1−0131530−L0 LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmyn6*, D65, page 16/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk* −> rgb_e
output: transfer to $cmyk_e$

1−0131530−F0

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
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*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 96.2, 157.7, 244.1, 299.9, 346.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd361M}			$LAB^*_{ddx361Mi}$ (x=LabCh)					$rgb^*_{ds361Mi}$			$LAB^*_{dsx361Mi}$ (x=LabCh)					$rgb^*_{dd361Mi}$			$rgb^*_{de361Mi}$			$LAB^*_{dex361Mi}$ (x=LabCh)					$rgb^*_{dd361Mi}$			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
353	345	342	1.0	0.0	0.75	45.3	68.1	−8.3	68.6	353	0.964	0.0	1.0	45.8	69.1	−18.4	71.6	345	1.0	0.0	0.75	0.902	0.0	1.0	43.9	66.3	−20.4	69.4	342	1.0	0.0	0.75	🟥	🟪	🟪
353	346	343	1.0	0.0	0.733	45.3	67.8	−7.4	68.2	353	0.993	0.0	1.0	46.6	70.4	−17.5	72.6	346	1.0	0.0	0.733	0.929	0.0	1.0	44.7	67.5	−19.6	70.3	343	1.0	0.0	0.733	🟥	🟪	🟪
354	347	344	1.0	0.0	0.716	45.3	67.6	−6.5	67.9	354	1.0	0.0	0.958	46.6	70.7	−16.2	72.6	347	1.0	0.0	0.717	0.956	0.0	1.0	45.5	68.8	−18.7	71.3	344	1.0	0.0	0.717	🟥	🟪	🟪
355	348	345	1.0	0.0	0.7	45.2	67.3	−5.6	67.5	355	1.0	0.0	0.901	46.3	70.7	−14.9	72.2	348	1.0	0.0	0.7	0.983	0.0	1.0	46.3	70.0	−17.8	72.3	345	1.0	0.0	0.7	🟥	🟪	🟪
355	349	346	1.0	0.0	0.683	45.2	67.0	−4.7	67.2	355	1.0	0.0	0.86	46.1	70.4	−13.6	71.7	349	1.0	0.0	0.683	1.0	0.0	0.98	46.7	70.8	−16.7	72.7	346	1.0	0.0	0.683	🟥	🟪	🟪
356	350	347	1.0	0.0	0.666	45.2	66.7	−3.8	66.8	356	1.0	0.0	0.833	45.9	69.8	−12.2	70.9	350	1.0	0.0	0.667	1.0	0.0	0.926	46.4	70.7	−15.5	72.4	347	1.0	0.0	0.667	🟥	🟪	🟪
357	351	348	1.0	0.0	0.65	45.1	66.4	−3.0	66.5	357	1.0	0.0	0.805	45.7	69.3	−10.9	70.2	351	1.0	0.0	0.65	1.0	0.0	0.874	46.2	70.6	−14.2	72.0	348	1.0	0.0	0.65	🟥	🟥	🟪
358	352	349	1.0	0.0	0.633	45.1	66.1	−2.1	66.1	358	1.0	0.0	0.778	45.6	68.7	−9.6	69.4	352	1.0	0.0	0.633	1.0	0.0	0.848	46.0	70.1	−12.9	71.3	349	1.0	0.0	0.633	🟥	🟥	🟪
358	353	350	1.0	0.0	0.616	45.0	65.8	−1.2	65.8	358	1.0	0.0	0.75	45.4	68.1	−8.3	68.6	353	1.0	0.0	0.617	1.0	0.0	0.822	45.8	69.6	−11.7	70.6	350	1.0	0.0	0.617	🟥	🟥	🟪
359	354	351	1.0	0.0	0.6	44.9	65.7	−0.2	65.7	359	1.0	0.0	0.728	45.4	67.8	−7.0	68.2	354	1.0	0.0	0.6	1.0	0.0	0.796	45.7	69.1	−10.4	69.9	351	1.0	0.0	0.6	🟥	🟥	🟥
360	355	352	1.0	0.0	0.583	44.9	65.5	0.6	65.5	360	1.0	0.0	0.705	45.3	67.4	−5.8	67.7	355	1.0	0.0	0.583	1.0	0.0	0.769	45.5	68.6	−9.2	69.2	352	1.0	0.0	0.583	🟥	🟥	🟥
361	356	353	1.0	0.0	0.566	44.8	65.3	1.6	65.4	361	1.0	0.0	0.682	45.3	67.0	−4.6	67.2	356	1.0	0.0	0.567	1.0	0.0	0.745	45.4	68.0	−8.0	68.5	353	1.0	0.0	0.567	🟥	🟥	🟥
362	357	354	1.0	0.0	0.55	44.7	65.1	2.5	65.2	362	1.0	0.0	0.659	45.2	66.6	−3.4	66.7	357	1.0	0.0	0.55	1.0	0.0	0.723	45.3	67.7	−6.8	68.1	354	1.0	0.0	0.55	🟥	🟥	🟥
363	358	355	1.0	0.0	0.533	44.6	64.9	3.5	65.0	363	1.0	0.0	0.637	45.2	66.2	−2.2	66.2	358	1.0	0.0	0.533	1.0	0.0	0.701	45.3	67.4	−5.6	67.6	355	1.0	0.0	0.533	🟥	🟥	🟥
363	359	356	1.0	0.0	0.516	44.5	64.7	4.4	64.9	363	1.0	0.0	0.615	45.1	65.9	−1.0	65.9	359	1.0	0.0	0.517	1.0	0.0	0.68	45.2	67.0	−4.5	67.1	356	1.0	0.0	0.517	🟥	🟥	🟥
364	360	352	1.0	0.0	0.5	44.4	64.5	5.3	64.7	364	1.0	0.0	0.595	45.0	65.7	0.0	65.7	360	1.0	0.0	0.5	1.0	0.0	0.776	45.6	68.7	−9.5	69.4	352	1.0	0.0	0.5	🟥	🟥	🟥
365	361	353	1.0	0.0	0.483	44.5	64.2	6.1	64.5	365	1.0	0.0	0.575	44.9	65.5	1.1	65.5	361	1.0	0.0	0.483	1.0	0.0	0.746	45.4	68.1	−8.0	68.6	353	1.0	0.0	0.483	🟥	🟥	🟥
366	362	354	1.0	0.0	0.466	44.5	63.9	6.9	64.3	366	1.0	0.0	0.555	44.8	65.2	2.3	65.3	362	1.0	0.0	0.467	1.0	0.0	0.721	45.3	67.7	−6.7	68.0	354	1.0	0.0	0.467	🟥	🟥	🟥
366	363	355	1.0	0.0	0.45	44.6	63.6	7.7	64.0	366	1.0	0.0	0.535	44.7	65.0	3.4	65.1	363	1.0	0.0	0.45	1.0	0.0	0.696	45.3	67.3	−5.3	67.5	355	1.0	0.0	0.45	🟥	🟥	🟥
367	364	356	1.0	0.0	0.433	44.6	63.2	8.4	63.8	367	1.0	0.0	0.515	44.6	64.7	4.5	64.9	364	1.0	0.0	0.433	1.0	0.0	0.67	45.2	66.8	−4.0	66.9	356	1.0	0.0	0.433	🟥	🟥	🟥
368	365	357	1.0	0.0	0.416	44.6	62.9	9.2	63.6	368	1.0	0.0	0.494	44.5	64.4	5.6	64.7	365	1.0	0.0	0.417	1.0	0.0	0.645	45.2	66.3	−2.6	66.4	357	1.0	0.0	0.417	🟥	🟥	🟥
369	366	358	1.0	0.0	0.4	44.7	62.6	9.9	63.4	369	1.0	0.0	0.471	44.6	64.0	6.7	64.4	366	1.0	0.0	0.4	1.0	0.0	0.62	45.1	65.9	−1.3	65.9	358	1.0	0.0	0.4	🟥	🟥	🟥
369	367	359	1.0	0.0	0.383	44.7	62.2	10.7	63.1	369	1.0	0.0	0.448	44.6	63.6	7.8	64.0	367	1.0	0.0	0.383	1.0	0.0	0.598	45.0	65.7	−0.1	65.7	359	1.0	0.0	0.383	🟥	🟥	🟥
370	368	360	1.0	0.0	0.366	44.8	62.0	11.5	63.1	370	1.0	0.0	0.424	44.7	63.1	8.9	63.7	368	1.0	0.0	0.367	1.0	0.0	0.576	44.9	65.5	1.1	65.5	360	1.0	0.0	0.367	🟥	🟥	🟥
371	369	362	1.0	0.0	0.35	44.8	61.9	12.3	63.1	371	1.0	0.0	0.401	44.7	62.6	9.9	63.4	369	1.0	0.0	0.35	1.0	0.0	0.554	44.8	65.2	2.4	65.3	362	1.0	0.0	0.35	🟥	🟥	🟥
372	370	363	1.0	0.0	0.333	44.8	61.8	13.2	63.2	372	1.0	0.0	0.378	44.8	62.2	11.0	63.1	370	1.0	0.0	0.333	1.0	0.0	0.531	44.6	64.9	3.6	65.1	363	1.0	0.0	0.333	🟥	🟥	🟥
372	371	364	1.0	0.0	0.316	44.9	61.7	14.0	63.3	372	1.0	0.0	0.356	44.8	62.0	12.1	63.2	371	1.0	0.0	0.317	1.0	0.0	0.509	44.5	64.6	4.9	64.8	364	1.0	0.0	0.317	🟥	🟥	🟥
373	372	365	1.0	0.0	0.3	44.9	61.6	14.9	63.4	373	1.0	0.0	0.335	44.9	61.9	13.2	63.3	372	1.0	0.0	0.3	1.0	0.0	0.484	44.5	64.2	6.1	64.5	365	1.0	0.0	0.3	🟥	🟥	🟥
374	373	366	1.0	0.0	0.283	45.0	61.4	15.7	63.4	374	1.0	0.0	0.313	44.9	61.7	14.3	63.4	373	1.0	0.0	0.283	1.0	0.0	0.458	44.6	63.8	7.3	64.2	366	1.0	0.0	0.283	🟥	🟥	🟥
375	374	367	1.0	0.0	0.266	45.0	61.3	16.6	63.5	375	1.0	0.0	0.292	45.0	61.6	15.3	63.4	374	1.0	0.0	0.267	1.0	0.0	0.433	44.7	63.3	8.5	63.8	367	1.0	0.0	0.267	🟥	🟥	🟥
375	375	368	1.0	0.0	0.25	45.0	61.1	17.4	63.6	375	1.0	0.0	0.271	45.0	61.4	16.4	63.5	375	1.0	0.0	0.25	1.0	0.0	0.407	44.7	62.8	9.7	63.5	368	1.0	0.0	0.25	🟥	🟥	🟥
376	376	369	1.0	0.0	0.233	45.2	61.1	18.3	63.8	376	1.0	0.0	0.249	45.1	61.2	17.5	63.6	376	1.0	0.0	0.233	1.0	0.0	0.381	44.8	62.2	10.8	63.2	369	1.0	0.0	0.233	🟥	🟥	🟥
377	377	370	1.0	0.0	0.216	45.3	61.1	19.2	64.1	377	1.0	0.0	0.227	45.3	61.2	18.7	64.0	377	1.0	0.0	0.217	1.0	0.0	0.356	44.8	62.0	12.0	63.2	370	1.0	0.0	0.217	🟥	🟥	🟥
378	378	372	1.0	0.0	0.2	45.4	61.1	20.1	64.3	378	1.0	0.0	0.205	45.4	61.2	19.9	64.3	378	1.0	0.0	0.2	1.0	0.0	0.332	44.9	61.9	13.3	63.3	372	1.0	0.0	0.2	🟥	🟥	🟥
378	379	373	1.0	0.0	0.183	45.5	61.1	21.0	64.6	378	1.0	0.0	0.183	45.6	61.1	21.0	64.6	379	1.0	0.0	0.183	1.0	0.0	0.309	45.0	61.7	14.5	63.4	373	1.0	0.0	0.183	🟥	🟥	🟥
379	380	374	1.0	0.0	0.166	45.7	61.0	21.9	64.8	379	1.0	0.0	0.161	45.7	61.0	22.2	65.0	380	1.0	0.0	0.167	1.0	0.0	0.285	45.0	61.5	15.7	63.5	374	1.0	0.0	0.167	🟥	🟥	🟥
380	381	375	1.0	0.0	0.15	45.8	60.9	22.8	65.1	380	1.0	0.0	0.139	45.9	60.9	23.4	65.3	381	1.0	0.0	0.15	1.0	0.0	0.261	45.1	61.3	16.9	63.6	375	1.0	0.0	0.15	🟥	🟥	🟥
381	382	376	1.0	0.0	0.133	45.9	60.9	23.7	65.3	381	1.0	0.0	0.113	46.0	61.0	24.6	65.8	382	1.0	0.0	0.133	1.0	0.0	0.237	45.2	61.2	18.2	63.8	376	1.0	0.0	0.133	🟥	🟥	🟥
381	383	377	1.0	0.0	0.116	46.0	60.9	24.4	65.6	381	1.0	0.0	0.08	46.0	61.2	26.0	66.5	383	1.0	0.0	0.117	1.0	0.0	0.212	45.4	61.2	19.5	64.2	377	1.0	0.0	0.117	🟥	🟥	🟥
382	384	378	1.0	0.0	0.1	45.9	61.0	25.1	66.0	382	1.0	0.0	0.047	46.0	61.5	27.4	67.3	384	1.0	0.0	0.1	1.0	0.0	0.188	45.6	61.1	20.8	64.6	378	1.0	0.0	0.1	🟥	🟥	🟥
382	385	379	1.0	0.0	0.083	45.9	61.2	25.8	66.4	382	1.0	0.0	0.014	45.9	61.7	28.8	68.1	385	1.0	0.0	0.083	1.0	0.0	0.163	45.7	61.0	22.1	64.9	379	1.0	0.0	0.083	🟥	🟥	🟥
383	386	381	1.0	0.0	0.066	45.9	61.3	26.5	66.8	383	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1.0	0.0	0.067	1.0	0.0	0.139	45.9	60.9	23.4	65.3	381	1.0	0.0	0.067	🟥	⬛	🟥
383	387	382	1.0	0.0	0.049	45.9	61.4	27.2	67.2	383	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1.0	0.0	0.05	1.0	0.0	0.109	46.0	61.0	24.8	65.9	382	1.0	0.0	0.05	🟥	⬛	🟥
384	388	383	1.0	0.0	0.033	45.9	61.5	27.9	67.6	384	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1.0	0.0	0.033	1.0	0.0	0.072	46.0	61.3	26.3	66.7	383	1.0	0.0	0.033	🟥	⬛	🟥
384	389	384	1.0	0.0	0.016	45.9	61.6	28.6	68.0	384	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	1.0	0.0	0.017	1.0	0.0	0.035	45.9	61.6	27.9	67.6	384	1.0	0.0	0.017	🟥	⬛	🟥
385	390	385	1.0	0.0	0.0	45.9	61.7	29.3	68.3	385 R_d	1.0	0.045	0.0	48.1	60.5	34.9	69.9	390 R_s	1.0	0.0	0.0	1.0	0.001	0.0	45.9	61.8	29.4	68.4	385 R_e	1.0	0.0	0.0	🟥	🟥	🟥

RE670−71 1−0131630−L0 LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 17/33

TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk* −> rgb_e
output: transfer to $cmyk_e$

1−0131630−F0

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 18/33

n/j	**HIC***$_{Fe}$	*rgb*$_{\_Fe}$			*ict*$_{\_Fe}$			*h*$_{si\_F,e}$	*rgb**$_{Fe}$			*LabCh**$_{Fe}$					*rgb*'$_{Fe}$			*LabCh**'$_{Fe}$					*DE**'$_{Fe}$	*h*$_{siM,e}$	*rgb**$_{Me}$			*LabCh**$_{Me}$				
0/648	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4	0.0	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
1/657	R13Y_100_100$_e$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.077	0.0	49.5	59.3	38.9	70.9	33.2	1.0	0.125	0.0	51.8	57.0	44.8	72.5	38.1	6.6	33	1.0	0.077	0.0	49.5	59.3	38.9	70.9	33.2
2/666	R25Y_100_100$_e$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.16	0.0	53.7	53.2	46.3	70.6	41.0	1.0	0.25	0.0	58.5	43.6	49.1	65.7	48.4	11.0	38	1.0	0.16	0.0	53.7	53.2	46.3	70.6	41.0
3/675	R38Y_100_100$_e$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.27	0.0	59.4	41.9	50.0	65.2	49.9	1.0	0.375	0.0	64.3	33.5	53.4	63.0	57.8	10.3	45	1.0	0.27	0.0	59.4	41.9	50.0	65.2	49.9
4/684	R50Y_100_100$_e$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1	10.1	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
5/693	R63Y_100_100$_e$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.511	0.0	69.9	23.7	58.2	62.9	67.8	1.0	0.625	0.0	73.7	17.3	61.9	64.3	74.3	8.3	60	1.0	0.511	0.0	69.9	23.7	58.2	62.9	67.8
6/702	R75Y_100_100$_e$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.655	0.0	75.4	14.6	62.1	63.9	76.7	1.0	0.75	0.0	80.6	6.5	62.0	62.4	83.9	9.6	70	1.0	0.655	0.0	75.4	14.6	62.1	63.9	76.7
7/711	R88Y_100_100$_e$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.763	0.0	81.0	5.9	61.6	61.9	84.5	1.0	0.875	0.0	84.6	1.0	57.3	57.3	88.9	7.4	76	1.0	0.763	0.0	81.0	5.9	61.6	61.9	84.5
8/720	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1	7.1	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
9/639	Y13G_100_100$_e$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.781	1.0	0.0	88.7	−13.7	74.2	75.5	100.4	0.875	1.0	0.0	91.1	−10.3	75.8	76.5	97.8	4.3	101	0.781	1.0	0.0	88.7	−13.7	74.2	75.5	100.4
10/558	Y25G_100_100$_e$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.665	1.0	0.0	82.1	−21.8	64.9	68.5	108.6	0.75	1.0	0.0	87.9	−14.8	73.6	75.1	101.3	12.6	109	0.665	1.0	0.0	82.1	−21.8	64.9	68.5	108.6
11/477	Y38G_100_100$_e$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.553	1.0	0.0	75.5	−29.6	55.8	63.1	117.9	0.625	1.0	0.0	79.4	−24.5	60.6	65.4	112.0	7.9	116	0.553	1.0	0.0	75.5	−29.6	55.8	63.1	117.9
12/396	Y50G_100_100$_e$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3	6.1	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
13/315	Y63G_100_100$_e$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.312	1.0	0.0	64.8	−43.5	41.2	60.0	136.5	0.375	1.0	0.0	68.1	−38.1	45.8	59.6	129.7	7.9	132	0.312	1.0	0.0	64.8	−43.5	41.2	60.0	136.5
14/234	Y75G_100_100$_e$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.217	1.0	0.0	60.3	−50.1	33.9	60.5	145.9	0.25	1.0	0.0	61.4	−48.5	35.9	60.3	143.4	2.7	138	0.217	1.0	0.0	60.3	−50.1	33.9	60.5	145.9
15/153	Y88G_100_100$_e$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.089	1.0	0.0	56.3	−55.7	27.1	61.9	154.0	0.125	1.0	0.0	57.2	−54.2	28.0	61.0	152.6	1.9	145	0.089	1.0	0.0	56.3	−55.7	27.1	61.9	154.0
16/72	G00C_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6	5.6	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
17/73	G13C_100_100$_e$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.153	53.6	−56.6	11.4	57.7	168.6	0.0	1.0	0.125	53.6	−57.4	13.5	59.0	166.7	2.3	158	0.0	1.0	0.153	53.6	−56.6	11.4	57.7	168.6
18/74	G25C_100_100$_e$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.252	53.7	−53.1	4.6	53.3	175.0	0.0	1.0	0.25	53.7	−53.2	4.8	53.4	174.8	0.1	164	0.0	1.0	0.252	53.7	−53.1	4.6	53.3	175.0
19/75	G38C_100_100$_e$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.369	54.4	−50.0	−2.0	50.0	182.3	0.0	1.0	0.375	54.4	−49.8	−2.2	49.9	182.6	0.3	171	0.0	1.0	0.369	54.4	−50.0	−2.0	50.0	182.3
20/76	G50C_100_100$_e$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3	4.2	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
21/77	G63C_100_100$_e$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.526	55.5	−43.3	−13.1	45.3	196.9	0.0	1.0	0.625	55.9	−39.1	−19.5	43.7	206.4	7.6	181	0.0	1.0	0.526	55.5	−43.3	−13.1	45.3	196.9
22/78	G75C_100_100$_e$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.601	55.8	−40.2	−18.0	44.1	204.2	0.0	1.0	0.75	56.0	−33.2	−27.7	43.3	219.8	11.9	186	0.0	1.0	0.601	55.8	−40.2	−18.0	44.1	204.2
23/79	G88C_100_100$_e$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.663	55.9	−37.5	−22.2	43.6	210.5	0.0	1.0	0.875	54.4	−30.1	−36.0	46.9	230.0	15.7	190	0.0	1.0	0.663	55.9	−37.5	−22.2	43.6	210.5
24/80	C00B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1	24.3	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
25/71	C13B_100_100$_e$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	1.0	0.793	55.4	−32.4	−30.6	44.6	223.3	0.0	0.875	1.0	51.4	−20.0	−50.6	54.4	248.3	23.8	198	0.0	1.0	0.793	55.4	−32.4	−30.6	44.6	223.3
26/62	C25B_100_100$_e$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	1.0	0.871	54.4	−30.2	−35.7	46.8	229.7	0.0	0.75	1.0	51.5	−16.4	−54.5	56.9	253.2	23.5	203	0.0	1.0	0.871	54.4	−30.2	−35.7	46.8	229.7
27/53	C38B_100_100$_e$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	1.0	0.937	53.2	−26.9	−41.6	49.6	237.0	0.0	0.625	1.0	49.3	−10.5	−55.7	56.7	259.2	21.9	206	0.0	1.0	0.937	53.2	−26.9	−41.6	49.6	237.0
28/44	C50B_100_100$_e$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7	20.2	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
29/35	C63B_100_100$_e$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.79	1.0	51.5	−17.6	−53.3	56.1	251.6	0.0	0.375	1.0	40.2	1.2	−53.5	53.5	271.3	22.0	221	0.0	0.79	1.0	51.5	−17.6	−53.3	56.1	251.6
30/26	C75B_100_100$_e$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.631	1.0	49.4	−10.8	−55.7	56.7	258.9	0.0	0.25	1.0	35.8	8.1	−51.5	52.1	278.9	23.7	231	0.0	0.631	1.0	49.4	−10.8	−55.7	56.7	258.9
31/17	C88B_100_100$_e$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.487	1.0	44.8	−4.4	−54.6	54.7	265.3	0.0	0.125	1.0	34.5	17.3	−48.1	51.1	289.8	24.9	240	0.0	0.487	1.0	44.8	−4.4	−54.6	54.7	265.3
32/8	B00M_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9	26.7	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
33/89	B13M_100_100$_e$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.26	1.0	36.2	7.6	−51.7	52.2	278.3	0.125	0.0	1.0	31.4	32.0	−42.2	53.0	307.1	26.6	255	0.0	0.26	1.0	36.2	7.6	−51.7	52.2	278.3
34/170	B25M_100_100$_e$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.18	1.0	35.1	13.3	−49.8	51.6	285.0	0.25	0.0	1.0	30.9	39.6	−38.3	55.1	315.9	29.0	260	0.0	0.18	1.0	35.1	13.3	−49.8	51.6	285.0
35/251	B38M_100_100$_e$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.09	1.0	33.9	19.6	−47.3	51.2	292.5	0.375	0.0	1.0	33.0	45.3	−35.2	57.3	322.1	28.3	265	0.0	0.09	1.0	33.9	19.6	−47.3	51.2	292.5
36/332	B50M_100_100$_e$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8	27.1	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
37/413	B63M_100_100$_e$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.133	0.0	1.0	31.3	32.5	−42.0	53.1	307.7	0.625	0.0	1.0	38.2	54.8	−29.4	62.2	331.7	26.4	277	0.133	0.0	1.0	31.3	32.5	−42.0	53.1	307.7
38/494	B75M_100_100$_e$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.24	0.0	1.0	30.9	39.1	−38.6	55.0	315.3	0.75	0.0	1.0	40.5	59.7	−24.0	64.3	338.0	27.0	283	0.24	0.0	1.0	30.9	39.1	−38.6	55.0	315.3
39/575	B88M_100_100$_e$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.371	0.0	1.0	33.0	45.1	−35.3	57.3	321.9	0.875	0.0	1.0	43.0	65.0	−21.2	68.4	341.8	26.2	291	0.371	0.0	1.0	33.0	45.1	−35.3	57.3	321.9
40/656	M00R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2	25.9	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
41/655	M13R_100_100$_e$	1.0	0.0	0.875	1.0	1.0	0.5	337	0.694	0.0	1.0	39.5	57.6	−26.5	63.4	335.2	1.0	0.0	0.875	46.1	70.6	−14.4	72.0	348.4	19.0	312	0.694	0.0	1.0	39.5	57.6	−26.5	63.4	335.2
42/654	M25R_100_100$_e$	1.0	0.0	0.75	1.0	1.0	0.5	344	0.875	0.0	1.0	43.0	65.0	−21.2	68.4	341.8	1.0	0.0	0.75	45.3	68.1	−8.3	68.6	353.0	13.5	323	0.875	0.0	1.0	43.0	65.0	−21.2	68.4	341.8
43/653	M38R_100_100$_e$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.847	45.9	70.1	−13.0	71.3	349.4	1.0	0.0	0.625	45.1	65.9	−1.7	65.9	358.5	12.1	338	1.0	0.0	0.847	45.9	70.1	−13.0	71.3	349.4
44/652	M50R_100_100$_e$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0	1.0	0.0	0.5	44.4	64.5	5.3	64.7	364.7	15.5	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
45/651	M63R_100_100$_e$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.575	44.8	65.4	1.1	65.4	0.9	1.0	0.0	0.375	44.8	62.0	11.0	63.0	370.1	10.5	354	1.0	0.0	0.575	44.8	65.4	1.1	65.4	0.9
46/650	M75R_100_100$_e$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.38	44.7	62.2	10.8	63.1	9.8	1.0	0.0	0.25	45.0	61.1	17.4	63.6	375.9	6.7	367	1.0	0.0	0.38	44.7	62.2	10.8	63.1	9.8
47/649	M88R_100_100$_e$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.212	45.3	61.1	19.4	64.1	17.6	1.0	0.0	0.125	46.0	60.8	24.1	65.4	381.6	4.7	378	1.0	0.0	0.212	45.3	61.1	19.4	64.1	17.6
48/648	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	385.4	0.0	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
49/0	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
50/91	NW_013$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	24.5	0.7	−0.8	1.1	312.2	4.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
51/182	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	35.0	2.2	−3.2	3.9	304.9	5.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
52/273	NW_038$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	50.9	4.5	−7.3	8.6	301.7	9.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
53/364	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	59.6	5.7	−9.5	11.2	301.0	11.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
54/455	NW_063$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	70.3	7.3	−12.9	14.8	299.7	15.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
55/546	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	78.7	8.6	−15.0	17.3	299.8	17.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
56/637	NW_088$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	88.8	10.1	−18.2	20.9	299.1	21.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
57/728	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta *E**' =** ***13.0***

1−0131730−F0

RE670−7N, Page 18/33−F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, Δ*E**'

input: *rgb/cmyk* −> *rgb*$_e$
output: transfer to *cmyk*$_e$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−0131730−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 19/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

n/j	HIC*$_{\mathrm{Fe}}$	*rgb*_$_{\mathrm{Fe}}$			*ict*_$_{\mathrm{Fe}}$			$h_{\mathrm{si\_F,e}}$	*rgb**$_{\mathrm{Fe}}$			*LabCh**$_{\mathrm{Fe}}$					*rgb**'$_{\mathrm{Fe}}$			*LabCh**'$_{\mathrm{Fe}}$					*DE**'$_{\mathrm{Fe}}$	$h_{\mathrm{siM,e}}$	*rgb**$_{\mathrm{Me}}$			*LabCh**$_{\mathrm{Me}}$				
0/648	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4	0.0	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
1/666	R25Y_100_100$_e$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.16	0.0	53.7	53.2	46.3	70.6	41.0	1.0	0.25	0.0	58.5	43.6	49.1	65.7	48.4	11.0	38	1.0	0.16	0.0	53.7	53.2	46.3	70.6	41.0
2/684	R50Y_100_100$_e$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1	10.1	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
3/702	R75Y_100_100$_e$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.655	0.0	75.4	14.6	62.1	63.9	76.7	1.0	0.75	0.0	80.6	6.5	62.0	62.4	83.9	9.6	70	1.0	0.655	0.0	75.4	14.6	62.1	63.9	76.7
4/720	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1	7.1	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
5/558	Y25G_100_100$_e$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.665	1.0	0.0	82.1	−21.8	64.9	68.5	108.6	0.75	1.0	0.0	87.9	−14.8	73.6	75.1	101.3	12.6	109	0.665	1.0	0.0	82.1	−21.8	64.9	68.5	108.6
6/396	Y50G_100_100$_e$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3	6.1	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
7/234	Y75G_100_100$_e$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.217	1.0	0.0	60.3	−50.1	33.9	60.5	145.9	0.25	1.0	0.0	61.4	−48.5	35.9	60.3	143.4	2.7	138	0.217	1.0	0.0	60.3	−50.1	33.9	60.5	145.9
8/72	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6	5.6	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
9/72	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6	5.6	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
10/76	G25B_100_100$_e$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3	4.2	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
11/80	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1	24.3	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
12/44	G75B_100_100$_e$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7	20.2	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
13/8	B00M_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9	26.7	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
14/332	B25R_100_100$_e$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8	27.1	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
15/656	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2	25.9	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
16/652	B75R_100_100$_e$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7	15.5	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
17/648	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4	0.0	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
18/688	R00Y_100_050$_e$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	70.1	30.8	14.7	34.2	25.4	1.0	0.5	0.5	70.2	30.6	15.2	34.2	26.5	0.6	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
19/706	R50Y_100_050$_e$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.694	0.5	79.5	16.2	26.9	31.5	58.8	1.0	0.75	0.5	81.7	11.9	22.3	25.3	61.9	6.7	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
20/724	Y00G_100_050$_e$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.966	0.5	90.5	−1.2	30.8	30.8	92.3	1.0	1.0	0.5	91.5	−2.9	27.0	27.2	96.3	4.2	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
21/562	Y50G_100_050$_e$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.708	1.0	0.5	81.9	−18.2	23.9	30.1	127.2	0.75	1.0	0.5	85.2	−14.4	24.2	28.1	120.7	5.0	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
22/400	G00B_100_050$_e$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.531	74.0	−29.3	9.4	30.8	162.2	0.5	1.0	0.5	75.9	−21.5	3.3	21.8	171.1	10.0	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
23/404	G50B_100_050$_e$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.861	75.1	−17.3	−13.0	21.7	216.9	0.5	1.0	1.0	74.6	−5.6	−38.5	39.0	261.6	28.0	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
24/368	B00R_100_050$_e$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.684	1.0	67.1	0.8	−26.7	26.7	271.7	0.5	0.5	1.0	55.4	17.9	−40.2	44.1	294.0	24.7	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
25/692	B50R_100_050$_e$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.772	0.5	1.0	65.3	25.9	−15.8	30.3	328.6	1.0	0.5	1.0	72.3	41.0	−22.1	46.6	331.6	17.8	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
26/688	R00Y_100_050$_e$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	70.1	30.8	14.7	34.2	25.4	1.0	0.5	0.5	70.2	30.6	15.2	34.2	26.5	0.6	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
27/506	R00Y_075_050$_e$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.5	30.8	14.7	34.2	25.4	0.75	0.25	0.25	51.9	27.5	15.1	31.4	28.8	3.3	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
28/524	R50Y_075_050$_e$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.444	0.25	61.0	16.2	26.9	31.5	58.8	0.75	0.5	0.25	64.0	10.3	22.9	25.1	65.6	7.7	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
29/542	Y00G_075_050$_e$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.716	0.25	72.0	−1.2	30.8	30.8	92.3	0.75	0.75	0.25	78.3	−3.3	32.8	33.0	95.7	6.9	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
30/380	Y50G_075_050$_e$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.458	0.75	0.25	63.3	−18.2	23.9	30.1	127.2	0.5	0.75	0.25	69.6	−14.9	22.0	26.6	124.2	7.3	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
31/218	G00B_075_050$_e$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.281	55.5	−29.3	9.4	30.8	162.2	0.25	0.75	0.25	57.3	−27.6	8.4	28.8	162.9	2.7	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
32/222	G50B_075_050$_e$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.611	56.5	−17.3	−13.0	21.7	216.9	0.25	0.75	0.75	60.3	−10.9	−35.5	37.2	252.9	23.7	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
33/186	B00R_075_050$_e$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.434	0.75	48.5	0.8	−26.7	26.7	271.7	0.25	0.25	0.75	44.5	17.0	−35.9	39.8	295.3	19.1	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
34/510	B50R_075_050$_e$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.522	0.25	0.75	46.8	25.9	−15.8	30.3	328.6	0.75	0.25	0.75	52.5	40.0	−19.2	44.4	334.3	15.6	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
35/506	R00Y_075_050$_e$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.5	30.8	14.7	34.2	25.4	0.75	0.25	0.25	51.9	27.5	15.1	31.4	28.8	3.3	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
36/324	R00Y_050_050$_e$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	32.9	30.8	14.7	34.2	25.4	0.5	0.0	0.0	32.3	36.8	20.7	42.3	29.3	8.5	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
37/342	R50Y_050_050$_e$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.194	0.0	42.4	16.2	26.9	31.5	58.8	0.5	0.25	0.0	43.0	9.0	32.3	33.5	74.3	9.0	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
38/360	Y00G_050_050$_e$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.466	0.0	53.4	−1.2	30.8	30.8	92.3	0.5	0.5	0.0	56.2	−5.6	45.0	45.3	97.1	15.1	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
39/198	Y50G_050_050$_e$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.208	0.5	0.0	44.8	−18.2	23.9	30.1	127.2	0.25	0.5	0.0	44.0	−20.1	28.4	34.8	125.3	4.9	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
40/36	G00B_050_050$_e$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.031	36.9	−29.3	9.4	30.8	162.2	0.0	0.5	0.0	41.9	−54.1	17.3	56.8	162.2	26.4	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
41/40	G50B_050_050$_e$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.361	38.0	−17.3	−13.0	21.7	216.9	0.0	0.5	0.5	43.3	−16.7	−35.4	39.1	244.7	23.0	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
42/4	B00R_050_050$_e$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.184	0.5	30.0	0.8	−26.7	26.7	271.7	0.0	0.0	0.5	29.6	19.6	−39.6	44.3	296.3	22.8	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
43/328	B50R_050_050$_e$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.272	0.0	0.5	28.2	25.9	−15.8	30.3	328.6	0.5	0.0	0.5	33.8	44.2	−13.5	46.2	343.0	19.2	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
44/324	R00Y_050_050$_e$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	32.9	30.8	14.7	34.2	25.4	0.5	0.0	0.0	32.3	36.8	20.7	42.3	29.3	8.5	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
45/0	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
46/91	NW_013$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	24.5	0.7	−0.8	1.1	312.2	4.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
47/182	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	35.0	2.2	−3.2	3.9	304.9	5.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
48/273	NW_038$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	50.9	4.5	−7.3	8.6	301.7	9.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
49/364	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	59.6	5.7	−9.5	11.2	301.0	11.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
50/455	NW_063$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	70.3	7.3	−12.9	14.8	299.7	15.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
51/546	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	78.7	8.6	−15.0	17.3	299.8	17.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
52/637	NW_088$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	88.8	10.1	−18.2	20.9	299.1	21.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
53/728	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta** ***E**' = 11.6**

1-0131830-F0 RE670−7N, Page 19/33−F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, Δ*E**'

input: *rgb/cmyk* −> *rgb*$_e$
output: transfer to *cmyk*$_e$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-0131830-F0

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 20/33

n=j	HIC*$_{Fe}$	$rgb_{\_Fe}$			$ict_{\_Fe}$			$h_{si\_F,e}$	rgb^*_{Fe}			$LabCh^*_{Fe}$					$rgb^{*\prime}_{Fe}$			$LabCh^{*\prime}_{Fe}$					$DE^{*\prime}_{Fe}$	$h_{siM,e}$	rgb^*_{Me}			$LabCh^*_{Me}$				
0	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1	B00R_012_012$_e$	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.046	0.125	22.5	0.2	−6.6	6.6	271.7	0.0	0.0	0.125	24.4	4.8	−11.2	12.2	293.4	6.7	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
2	B00R_025_025$_e$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.092	0.25	25.0	0.4	−13.3	13.3	271.7	0.0	0.0	0.25	23.6	5.2	−19.9	20.5	284.7	8.2	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
3	B00R_037_037$_e$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.138	0.375	27.5	0.6	−20.0	20.0	271.7	0.0	0.0	0.375	28.1	10.9	−28.9	31.0	290.7	13.7	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
4	B00R_050_050$_e$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.184	0.5	30.0	0.8	−26.7	26.7	271.7	0.0	0.0	0.5	29.6	19.6	−39.6	44.3	296.3	22.8	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
5	B00R_062_062$_e$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.23	0.625	32.5	1.0	−33.4	33.4	271.7	0.0	0.0	0.625	28.1	26.4	−44.8	52.1	300.5	28.2	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
6	B00R_075_075$_e$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.276	0.75	35.0	1.2	−40.1	40.1	271.7	0.0	0.0	0.75	29.1	26.5	−44.7	52.0	300.6	26.4	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
7	B00R_087_087$_e$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.322	0.875	37.5	1.4	−46.8	46.8	271.7	0.0	0.0	0.875	30.8	27.2	−44.4	52.1	301.4	26.7	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
8	B00R_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9	26.7	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
9	G00B_012_012$_e$	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.007	24.2	−7.3	2.3	7.7	162.2	0.0	0.125	0.0	29.7	−5.3	1.9	5.6	159.7	5.8	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
10	G50B_012_012$_e$	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.09	24.5	−4.3	−3.2	5.4	216.9	0.0	0.125	0.125	28.2	−6.2	−11.2	12.9	240.9	9.0	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
11	G75B_025_025$_e$	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.248	0.25	28.0	−5.6	−11.8	13.1	244.3	0.0	0.125	0.25	28.8	−3.3	−20.2	20.4	260.6	8.7	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
12	G84B_037_037$_e$	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.272	0.375	31.6	−5.7	−20.5	21.3	254.3	0.0	0.125	0.375	31.0	−1.3	−29.0	29.0	267.2	9.5	225	0.0	0.725	1.0	51.1	−15.3	−54.8	56.9	254.3
13	G88B_050_050$_e$	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.315	0.5	34.7	−5.4	−27.8	28.3	258.9	0.0	0.125	0.5	33.0	5.8	−39.7	40.1	278.3	16.4	231	0.0	0.631	1.0	49.4	−10.8	−55.7	56.7	258.9
14	G90B_062_062$_e$	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.355	0.625	37.2	−5.0	−34.5	34.9	261.6	0.0	0.125	0.625	34.2	13.1	−47.0	48.8	285.6	22.2	235	0.0	0.569	1.0	47.5	−8.0	−55.3	55.9	261.6
15	G92B_075_075$_e$	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.395	0.75	39.6	−4.6	−41.2	41.4	263.5	0.0	0.125	0.75	33.4	17.1	−47.9	50.9	289.6	23.6	238	0.0	0.527	1.0	46.2	−6.2	−54.9	55.3	263.5
16	G93B_087_087$_e$	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.443	0.875	42.3	−4.6	−47.9	48.1	264.4	0.0	0.125	0.875	34.0	18.9	−47.3	50.9	291.7	25.0	239	0.0	0.506	1.0	45.5	−5.3	−54.7	55.0	264.4
17	G94B_100_100$_e$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.487	1.0	44.8	−4.4	−54.6	54.7	265.3	0.0	0.125	1.0	34.5	17.3	−48.1	51.1	289.8	24.9	240	0.0	0.487	1.0	44.8	−4.4	−54.6	54.7	265.3
18	G00B_025_025$_e$	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.015	28.5	−14.6	4.7	15.4	162.2	0.0	0.25	0.0	32.6	−17.6	3.4	17.9	168.8	5.2	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
19	G25B_025_025$_e$	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.112	28.7	−11.6	−1.9	11.8	189.6	0.0	0.25	0.125	30.8	−14.1	−6.4	15.5	204.3	5.4	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
20	G50B_025_025$_e$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.18	29.0	−8.6	−6.5	10.8	216.9	0.0	0.25	0.25	35.0	−8.8	−19.3	21.2	245.4	14.1	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
21	G65B_037_037$_e$	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.375	0.342	32.6	−10.6	−14.7	18.2	234.3	0.0	0.25	0.375	35.4	−6.6	−27.5	28.3	256.4	13.6	205	0.0	1.0	0.912	53.7	−28.3	−39.4	48.5	234.3
22	G75B_050_050$_e$	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.496	0.5	36.0	−11.3	−23.6	26.2	244.3	0.0	0.25	0.5	36.1	−3.4	−36.0	36.2	264.5	14.7	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
23	G80B_062_062$_e$	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.508	0.625	39.6	−11.4	−32.8	34.8	250.7	0.0	0.25	0.625	36.4	0.1	−44.8	44.8	270.2	17.0	220	0.0	0.814	1.0	51.4	−18.3	−52.5	55.6	250.7
24	G84B_075_075$_e$	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.544	0.75	43.3	−11.4	−41.1	42.6	254.3	0.0	0.25	0.75	36.3	4.3	−50.2	50.4	274.9	19.5	225	0.0	0.725	1.0	51.1	−15.3	−54.8	56.9	254.3
25	G86B_087_087$_e$	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.585	0.875	46.3	−11.0	−48.4	49.7	257.1	0.0	0.25	0.875	35.3	8.8	−51.6	52.4	279.7	23.0	228	0.0	0.668	1.0	50.1	−12.6	−55.3	56.8	257.1
26	G88B_100_100$_e$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.631	1.0	49.4	−10.8	−55.7	56.7	258.9	0.0	0.25	1.0	35.8	8.1	−51.5	52.1	278.9	23.7	231	0.0	0.631	1.0	49.4	−10.8	−55.7	56.7	258.9
27	G00B_037_037$_e$	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.023	32.7	−22.0	7.0	23.1	162.2	0.0	0.375	0.0	38.3	−29.9	8.8	31.2	163.5	9.8	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
28	G15B_037_037$_e$	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.122	32.8	−19.2	0.1	19.2	179.5	0.0	0.375	0.125	36.5	−26.7	−3.1	26.9	186.6	8.9	168	0.0	1.0	0.325	54.1	−51.3	0.3	51.3	179.5
29	G34B_037_037$_e$	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.207	33.4	−15.8	−5.6	16.8	199.6	0.0	0.375	0.25	37.2	−20.0	−16.0	25.6	218.6	11.7	183	0.0	1.0	0.554	55.6	−42.2	−15.0	44.8	199.6
30	G50B_037_037$_e$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.271	33.5	−13.0	−9.7	16.2	216.9	0.0	0.375	0.375	39.2	−14.3	−27.5	31.0	242.4	18.7	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
31	G61B_050_050$_e$	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.5	0.435	37.2	−15.1	−17.8	23.4	229.7	0.0	0.375	0.5	39.2	−9.3	−35.8	37.0	255.3	18.9	203	0.0	1.0	0.871	54.4	−30.2	−35.7	46.8	229.7
32	G69B_062_062$_e$	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.625	0.59	40.7	−16.5	−26.4	31.2	237.9	0.0	0.375	0.625	40.8	−6.2	−42.8	43.2	261.6	19.3	207	0.0	1.0	0.945	53.1	−26.4	−42.3	49.9	237.9
33	G75B_075_075$_e$	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.744	0.75	44.0	−17.0	−35.4	39.3	244.3	0.0	0.375	0.75	41.8	−2.7	−50.9	50.9	266.9	21.1	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
34	G79B_087_087$_e$	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.753	0.875	47.5	−17.2	−44.7	47.9	248.9	0.0	0.375	0.875	41.9	−0.7	−53.0	53.0	269.1	19.2	217	0.0	0.861	1.0	51.4	−19.6	−51.0	54.7	248.9
35	G81B_100_100$_e$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.79	1.0	51.5	−17.6	−53.3	56.1	251.6	0.0	0.375	1.0	40.2	1.2	−53.5	53.5	271.3	22.0	221	0.0	0.79	1.0	51.5	−17.6	−53.3	56.1	251.6
36	G00B_050_050$_e$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.031	36.9	−29.3	9.4	30.8	162.2	0.0	0.5	0.0	41.9	−54.1	17.3	56.8	162.2	26.4	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
37	G11B_050_050$_e$	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.126	36.9	−26.5	2.3	26.6	175.0	0.0	0.5	0.125	42.4	−53.5	4.8	53.7	174.8	27.6	164	0.0	1.0	0.252	53.7	−53.1	4.6	53.3	175.0
38	G25B_050_050$_e$	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.224	37.5	−23.3	−3.9	23.7	189.6	0.0	0.5	0.25	40.6	−36.7	−10.3	38.1	195.6	15.1	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
39	G38B_050_050$_e$	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.3	37.9	−20.1	−9.0	22.0	204.2	0.0	0.5	0.375	42.0	−27.9	−24.4	37.1	221.1	17.7	186	0.0	1.0	0.601	55.8	−40.2	−18.0	44.1	204.2
40	G50B_050_050$_e$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.361	38.0	−17.3	−13.0	21.7	216.9	0.0	0.5	0.5	43.3	−16.7	−35.4	39.1	244.7	23.0	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
41	G59B_062_062$_e$	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.625	0.523	41.8	−19.5	−20.9	28.6	227.0	0.0	0.5	0.625	43.7	−14.4	−41.4	43.8	250.8	21.1	201	0.0	1.0	0.837	54.8	−31.2	−33.5	45.8	227.0
42	G65B_075_075$_e$	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.75	0.684	45.2	−21.2	−29.5	36.4	234.3	0.0	0.5	0.75	46.4	−11.5	−49.1	50.4	256.7	21.8	205	0.0	1.0	0.912	53.7	−28.3	−39.4	48.5	234.3
43	G70B_087_087$_e$	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.875	0.841	48.7	−22.2	−38.3	44.3	239.7	0.0	0.5	0.875	47.0	−7.5	−54.3	54.8	262.0	21.8	208	0.0	1.0	0.961	52.8	−25.4	−43.7	50.6	239.7
44	G75B_100_100$_e$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7	20.2	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
45	G00B_062_062$_e$	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.039	41.1	−36.7	11.7	38.5	162.2	0.0	0.625	0.0	46.5	−61.0	20.5	64.4	161.4	26.4	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
46	G09B_062_062$_e$	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.131	41.0	−34.1	4.6	34.5	172.2	0.0	0.625	0.125	46.6	−66.0	11.4	67.0	170.1	33.0	161	0.0	1.0	0.21	53.7	−54.7	7.4	55.2	172.2
47	G19B_062_062$_e$	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.238	41.5	−31.0	−1.7	31.0	183.2	0.0	0.625	0.25	47.6	−61.4	−2.5	61.4	182.3	30.9	172	0.0	1.0	0.381	54.4	−49.6	−2.7	49.7	183.2
48	G30B_062_062$_e$	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.323	42.2	−27.3	−7.8	28.4	195.9	0.0	0.625	0.375	48.1	−47.8	−16.6	50.6	199.2	23.1	181	0.0	1.0	0.517	55.5	−43.6	−12.5	45.4	195.9
49	G40B_062_062$_e$	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.393	42.4	−24.3	−12.3	27.3	206.9	0.0	0.625	0.5	49.9	−38.9	−30.4	49.3	218.0	24.3	188	0.0	1.0	0.629	55.9	−39.0	−19.8	43.7	206.9
50	G50B_062_062$_e$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.452	42.5	−21.6	−16.3	27.1	216.9	0.0	0.625	0.625	49.0	−24.1	−40.9	47.5	239.4	25.5	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
51	G57B_075_075$_e$	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.75	0.611	46.3	−23.9	−24.0	33.9	225.1	0.0	0.625	0.75	49.4	−21.4	−45.2	50.0	244.6	21.5	200	0.0	1.0	0.815	55.1	−31.8	−32.1	45.2	225.1
52	G63B_087_087$_e$	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.875	0.777	49.8	−25.8	−32.5	41.5	231.5	0.0	0.625	0.875	49.8	−16.0	−52.0	54.4	252.8	21.7	204	0.0	1.0	0.888	54.1	−29.5	−37.2	47.5	231.5
53	G68B_100_100$_e$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	1.0	0.937	53.2	−26.9	−41.6	49.6	237.0	0.0	0.625	1.0	49.3	−10.5	−55.7	56.7	259.2	21.9	206	0.0	1.0	0.937	53.2	−26.9	−41.6	49.6	237.0
54	G00B_075_075$_e$	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.047	45.4	−44.0	14.1	46.2	162.2	0.0	0.75	0.0	50.1	−64.7	21.1	68.1	161.9	22.3	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
55	G07B_075_075$_e$	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.136	45.2	−41.7	7.0	42.3	170.4	0.0	0.75	0.125	48.9	−66.7	12.6	67.9	169.2	25.8	159	0.0	1.0	0.182	53.6	−55.6	9.3	56.4	170.4
56	G15B_075_075$_e$	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.244	45.6	−38.4	0.2	38.4	179.5	0.0	0.75	0.25	48.8	−61.2	0.1	61.2	179.9	23.0	168	0.0	1.0	0.325	54.1	−51.3	0.3	51.3	179.5
57	G25B_075_075$_e$	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.337	46.2	−35.0	−5.9	35.5	189.6	0.0	0.75	0.375	49.9	−51.9	−12.9	53.5	194.0	18.6	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
58	G34B_075_075$_e$	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.415	46.7	−31.6	−11.3	33.6	199.6	0.0	0.75	0.5	51.0	−42.7	−24.4	49.2	209.8	17.6	183	0.0	1.0	0.554	55.6	−42.2	−15.0	44.8	199.6
59	G42B_075_075$_e$	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.484	46.9	−28.7	−15.7	32.7	208.7	0.0	0.75	0.625	51.6	−34.0	−34.2	48.2	225.1	19.7	189	0.0	1.0	0.646	55.9	−38.3	−21.0	43.6	208.7
60	G50B_075_075$_e$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.542	47.0	−26.0	−19.5	32.5	216.9	0.0	0.75	0.75	51.1	−26.7	−43.2	50.8	238.2	23.9	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
61	G56B_087_087$_e$	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.875	0.703	50.9	−28.1	−27.4	39.3	224.2	0.0	0.75	0.875	51.1	−22.6	−47.7	52.8	244.6	20.9	199	0.0	1.0	0.804	55.3	−32.1	−31.3	44.9	224.2
62	G61B_100_100$_e$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	1.0	0.871	54.4	−30.2	−35.7	46.8	229.7	0.0	0.75	1.0	51.5	−16.4	−54.5	56.9	253.2	23.5	203	0.0	1.0	0.871	54.4	−30.2	−35.7	46.8	229.7
63	G00B_087_087$_e$	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.055	49.6	−51.3	16.4	53.9	162.2	0.0	0.875	0.0	51.7	−63.6	22.2	67.4	160.7	13.7	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
64	G06B_087_087$_e$	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.147	49.4	−49.1	9.0	49.9	169.5	0.0	0.875	0.125	51.4	−60.6	12.4	61.9	168.3	12.1	159	0.0	1.0	0.168	53.6	−56.1	10.3	57.1	169.5
65	G13B_087_087$_e$	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.246	49.6	−45.9	2.5	45.9	176.8	0.0	0.875	0.25	51.4	−56.9	1.8	56.9	178.1	11.1	165	0.0	1.0	0.281	53.9	−52.4	2.9	52.5	176.8
66	G20B_087_087$_e$	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.35	50.3	−42.7	−3.7	42.9	185.0	0.0	0.875	0.375	52.5	−51.1	−7.0	51.5	187.8	9.2	173	0.0	1.0	0.4	54.6	−48.8	−4.3	49.0	185.0
67	G29B_087_087$_e$	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.436	51.0	−38.8	−9.8	40.0	194.1	0.0	0.875	0.5	53.1	−43.1	−19.1	47.1	203.9	10.5	179	0.0	1.0	0.498	55.4	−44.3	−11.2	45.7	194.1
68	G36B_087_087$_e$	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.509	51.3	−35.9	−14.8	38.8	202.3	0.0	0.875	0.625	53.7	−36.7	−26.5	45.3	215.8	12.0	185	0.0	1.0	0.582	55.7	−41.0	−16.9	44.4	202.3
69	G43B_087_087$_e$	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.573	51.4	−33.1	−18.9	38.2	209.6	0.0	0.875	0.75	52.7	−32.3	−35.0	47.6	227.2	16.1	190	0.0	1.0	0.654	55.9	−37.9	−21.6	43.6	209.6
70	G50B_087_087$_e$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.632	51.5	−30.3	−22.8	38.0	216.9	0.0	0.875	0.875	51.1	−24.9	−45.7	52.0	241.3	23.4	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
71	G55B_100_100$_e$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	1.0	0.793	55.4	−32.4	−30.6	44.6	223.3	0.0	0.875	1.0	51.4	−20.0	−50.6	54.4	248.3	23.8	198	0.0	1.0	0.793	55.4	−32.4	−30.6	44.6	223.3
72	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6	5.6	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
73	G05B_100_100$_e$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.153	53.6	−56.6	11.4	57.7	168.6	0.0	1.0	0.125	53.6	−57.4	13.5	59.0	166.7	2.3	158	0.0	1.0	0.153	53.6	−56.6	11.4	57.7	168.6
74	G11B_100_100$_e$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.252	53.7	−53.1	4.6	53.3	175.0	0.0	1.0	0.25	53.7	−53.2	4.8	53.4	174.8	0.1	164	0.0	1.0	0.252	53.7	−53.1	4.6	53.3	175.0
75	G18B_100_100$_e$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.369	54.4	−50.0	−2.0	50.0	182.3	0.0	1.0	0.375	54.4	−49.8	−2.2	49.9	182.6	0.3	171	0.0	1.0	0.369	54.4	−50.0	−2.0	50.0	182.3
76	G25B_100_100$_e$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3	4.2	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
77	G31B_100_100$_e$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.526	55.5	−43.3	−13.1	45.3	196.9	0.0	1.0	0.625	55.9	−39.1	−19.5	43.7	206.4	7.6	181	0.0	1.0	0.526	55.5	−43.3	−13.1	45.3	196.9
78	G38B_100_100$_e$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.601	55.8	−40.2	−18.0	44.1	204.2	0.0	1.0	0.75	56.0	−33.2	−27.7	43.3	219.8	11.9	186	0.0	1.0	0.601	55.8	−40.2	−18.0	44.1	204.2
79	G44B_100_100$_e$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.663	55.9	−37.5	−22.2	43.6	210.5	0.0	1.0	0.875	54.4	−30.1	−36.0	46.9	230.0	15.7	190	0.0	1.0	0.663	55.9	−37.5	−22.2	43.6	210.5
80	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1	24.3	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9

Mean color difference of this page: **delta $E^{*\prime}$ =** ***17.4***

TUB-test chart RE67; 1080 standard colours, cf=1
colors and differences, $\Delta E^{*\prime}$

input: $rgb/cmyk$ −> rgb_e
output: transfer to $cmyk_e$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 21/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS   TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

n	HIC^*_{Fe}	$rgb_{\_Fe}$			$ict_{\_Fe}$			$h_{si\_F,e}$	rgb^*_{Fe}			$LabCh^*_{Fe}$					$rgb^{*\prime}_{Fe}$			$LabCh^{*\prime}_{Fe}$					$DE^{*\prime}_{Fe}$	$h_{siM,e}$	rgb^*_{Me}			$LabCh^*_{Me}$				
81	R00Y_012_012$_e$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	23.2	7.7	3.6	8.5	25.4	0.125	0.0	0.0	22.5	5.6	4.9	7.4	41.4	2.5	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
82	B50R_012_012$_e$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.068	0.0	0.125	22.0	6.4	−3.9	7.5	328.6	0.125	0.0	0.125	25.9	10.2	−4.8	11.3	334.5	5.4	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
83	B25R_025_025$_e$	0.125	0.0	0.25	0.25	0.25	0.125	300	0.0	0.0	0.25	23.1	6.4	−11.1	12.8	300.1	0.125	0.0	0.25	26.8	13.7	−14.8	20.2	312.6	8.9	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
84	B15R_037_037$_e$	0.125	0.0	0.375	0.375	0.375	0.187	289	0.0	0.047	0.375	25.4	6.4	−18.0	19.1	289.7	0.125	0.0	0.375	28.2	16.8	−22.5	28.1	306.8	11.6	263	0.0	0.125	1.0	34.5	17.2	−48.1	51.1	289.7
85	B11R_050_050$_e$	0.125	0.0	0.5	0.5	0.5	0.25	284	0.0	0.09	0.5	27.5	6.6	−24.9	25.8	285.0	0.125	0.0	0.5	28.8	26.6	−31.9	41.5	309.8	21.1	260	0.0	0.18	1.0	35.1	13.3	−49.8	51.6	285.0
86	B09R_062_062$_e$	0.125	0.0	0.625	0.625	0.625	0.312	281	0.0	0.133	0.625	29.6	6.8	−31.6	32.4	282.1	0.125	0.0	0.625	28.5	33.1	−35.7	48.8	312.8	26.6	258	0.0	0.213	1.0	35.4	10.9	−50.7	51.8	282.1
87	B07R_075_075$_e$	0.125	0.0	0.75	0.75	0.75	0.375	279	0.0	0.176	0.75	31.7	6.9	−38.4	39.0	280.2	0.125	0.0	0.75	29.4	34.5	−39.4	52.4	311.2	27.7	257	0.0	0.235	1.0	35.6	9.2	−51.2	52.0	280.2
88	B06R_087_087$_e$	0.125	0.0	0.875	0.875	0.875	0.437	278	0.0	0.215	0.875	33.8	7.3	−45.0	45.6	279.3	0.125	0.0	0.875	30.2	34.4	−40.9	53.5	310.0	27.6	256	0.0	0.246	1.0	35.8	8.4	−51.4	52.1	279.3
89	B05R_100_100$_e$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.26	1.0	36.2	7.6	−51.7	52.2	278.3	0.125	0.0	1.0	31.4	32.0	−42.2	53.0	307.1	26.6	255	0.0	0.26	1.0	36.2	7.6	−51.7	52.2	278.3
90	Y00G_012_012$_e$	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.116	0.0	28.3	−0.3	7.7	7.7	92.3	0.125	0.125	0.0	28.7	−1.6	7.9	8.1	101.8	1.4	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
91	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	24.5	0.7	−0.8	1.1	312.2	4.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
92	B00R_025_012$_e$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.171	0.25	31.8	0.2	−6.6	6.6	271.7	0.125	0.125	0.25	28.7	4.1	−14.4	15.0	286.0	9.2	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
93	B00R_037_025$_e$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.217	0.375	34.3	0.4	−13.3	13.3	271.7	0.125	0.125	0.375	31.2	6.6	−22.5	23.4	286.4	11.4	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
94	B00R_050_037$_e$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.263	0.5	36.8	0.6	−20.0	20.0	271.7	0.125	0.125	0.5	35.1	11.5	−28.5	30.7	292.0	13.9	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
95	B00R_062_050$_e$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.309	0.625	39.3	0.8	−26.7	26.7	271.7	0.125	0.125	0.625	37.2	17.8	−35.3	39.6	296.7	19.1	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
96	B00R_075_062$_e$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.355	0.75	41.8	1.0	−33.4	33.4	271.7	0.125	0.125	0.75	38.3	19.4	−41.1	45.5	295.3	20.2	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
97	B00R_087_075$_e$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.401	0.875	44.2	1.2	−40.1	40.1	271.7	0.125	0.125	0.875	36.1	23.1	−44.7	50.4	297.3	23.9	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
98	B00R_100_087$_e$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.447	1.0	46.7	1.4	−46.8	46.8	271.7	0.125	0.125	1.0	34.5	25.2	−44.9	51.6	299.3	26.8	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
99	Y50G_025_025$_e$	0.125	0.25	0.0	0.25	0.25	0.125	120	0.104	0.25	0.0	32.4	−9.1	11.9	15.0	127.2	0.125	0.25	0.0	34.7	−8.0	12.3	14.7	123.1	2.6	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
100	G00B_025_012$_e$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.132	33.5	−7.3	2.3	7.7	162.2	0.125	0.25	0.125	34.8	−6.9	0.6	6.9	174.4	2.1	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
101	G50B_025_012$_e$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.215	33.8	−4.3	−3.2	5.4	216.9	0.125	0.25	0.25	34.1	−5.5	−14.6	15.6	249.3	11.4	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
102	G75B_037_025$_e$	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.373	0.375	37.3	−5.6	−11.8	13.1	244.3	0.125	0.25	0.375	37.0	−1.4	−22.3	22.3	266.3	11.3	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
103	G84B_050_037$_e$	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.397	0.5	40.9	−5.7	−20.5	21.3	254.3	0.125	0.25	0.5	39.3	1.5	−28.7	28.7	273.0	11.0	225	0.0	0.725	1.0	51.1	−15.3	−54.8	56.9	254.3
104	G88B_062_050$_e$	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.44	0.625	44.0	−5.4	−27.8	28.3	258.9	0.125	0.25	0.625	42.4	4.9	−33.4	33.8	278.4	11.9	231	0.0	0.631	1.0	49.4	−10.8	−55.7	56.7	258.9
105	G90B_075_062$_e$	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.48	0.75	46.5	−5.0	−34.5	34.9	261.6	0.125	0.25	0.75	43.6	7.7	−39.9	40.6	280.9	14.1	235	0.0	0.569	1.0	47.5	−8.0	−55.3	55.9	261.6
106	G92B_087_075$_e$	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.52	0.875	48.9	−4.6	−41.2	41.4	263.5	0.125	0.25	0.875	39.1	14.2	−47.8	49.9	286.5	22.3	238	0.0	0.527	1.0	46.2	−6.2	−54.9	55.3	263.5
107	G93B_100_087$_e$	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.568	1.0	51.6	−4.6	−47.9	48.1	264.4	0.125	0.25	1.0	37.8	17.5	−46.9	50.0	290.4	26.1	239	0.0	0.506	1.0	45.5	−5.3	−54.7	55.0	264.4
108	Y68G_037_037$_e$	0.125	0.375	0.0	0.375	0.375	0.187	131	0.105	0.375	0.0	36.1	−17.3	14.4	22.5	140.0	0.125	0.375	0.0	38.4	−23.5	16.8	28.9	144.4	7.0	134	0.28	1.0	0.0	63.1	−46.1	38.6	60.2	140.0
109	G00B_037_025$_e$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.14	37.7	−14.6	4.7	15.4	162.2	0.125	0.375	0.125	37.4	−17.6	2.7	17.8	171.0	3.5	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
110	G25B_037_025$_e$	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.237	38.0	−11.6	−1.9	11.8	189.6	0.125	0.375	0.25	36.2	−13.2	−8.7	15.8	213.5	7.2	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
111	G50B_037_025$_e$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.305	38.3	−8.6	−6.5	10.8	216.9	0.125	0.375	0.375	41.1	−8.1	−22.8	24.2	250.4	16.5	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
112	G65B_050_037$_e$	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.5	0.467	41.9	−10.6	−14.7	18.2	234.3	0.125	0.375	0.5	42.1	−4.9	−28.3	28.8	260.2	14.7	205	0.0	1.0	0.912	53.7	−28.3	−39.4	48.5	234.3
113	G75B_062_050$_e$	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.621	0.625	45.3	−11.3	−23.6	26.2	244.3	0.125	0.375	0.625	44.8	−2.3	−32.7	32.8	265.8	12.8	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
114	G80B_075_062$_e$	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.633	0.75	48.9	−11.4	−32.8	34.8	250.7	0.125	0.375	0.75	46.2	−0.4	−38.1	38.1	269.3	12.5	220	0.0	0.814	1.0	51.4	−18.3	−52.5	55.6	250.7
115	G84B_087_075$_e$	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.669	0.875	52.6	−11.4	−41.1	42.6	254.3	0.125	0.375	0.875	44.3	2.6	−49.9	50.0	273.0	18.6	225	0.0	0.725	1.0	51.1	−15.3	−54.8	56.9	254.3
116	G86B_100_087$_e$	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.71	1.0	55.6	−11.0	−48.4	49.7	257.1	0.125	0.375	1.0	39.8	7.0	−50.9	51.4	277.8	24.2	228	0.0	0.668	1.0	50.1	−12.6	−55.3	56.8	257.1
117	Y76G_050_050$_e$	0.125	0.5	0.0	0.5	0.5	0.25	136	0.108	0.5	0.0	40.1	−25.0	16.9	30.2	145.9	0.125	0.5	0.0	41.9	−36.4	22.2	42.7	148.5	12.6	138	0.217	1.0	0.0	60.3	−50.1	33.9	60.5	145.9
118	G00B_050_037$_e$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.148	42.0	−22.0	7.0	23.1	162.2	0.125	0.5	0.125	42.4	−23.8	6.0	24.6	165.7	2.1	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
119	G15B_050_037$_e$	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.247	42.1	−19.2	0.1	19.2	179.5	0.125	0.5	0.25	42.9	−20.8	−5.5	21.6	194.8	5.9	168	0.0	1.0	0.325	54.1	−51.3	0.3	51.3	179.5
120	G34B_050_037$_e$	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.332	42.6	−15.8	−5.6	16.8	199.6	0.125	0.5	0.375	44.1	−14.6	−18.2	23.4	231.2	12.7	183	0.0	1.0	0.554	55.6	−42.2	−15.0	44.8	199.6
121	G50B_050_037$_e$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.396	42.8	−13.0	−9.7	16.2	216.9	0.125	0.5	0.5	46.1	−10.0	−29.7	31.3	251.2	20.4	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
122	G61B_062_050$_e$	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.625	0.56	46.5	−15.1	−17.8	23.4	229.7	0.125	0.5	0.625	48.2	−6.9	−34.3	35.0	258.5	18.4	203	0.0	1.0	0.871	54.4	−30.2	−35.7	46.8	229.7
123	G69B_075_062$_e$	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.75	0.715	49.9	−16.5	−26.4	31.2	237.9	0.125	0.5	0.75	49.3	−4.8	−38.4	38.7	262.7	16.7	207	0.0	1.0	0.945	53.1	−26.4	−42.3	49.9	237.9
124	G75B_087_075$_e$	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.869	0.875	53.3	−17.0	−35.4	39.3	244.3	0.125	0.5	0.875	49.5	−3.5	−47.0	47.1	265.7	18.2	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
125	G79B_100_087$_e$	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.878	1.0	56.7	−17.2	−44.7	47.9	248.9	0.125	0.5	1.0	45.0	−1.1	−52.6	52.6	268.7	21.4	217	0.0	0.861	1.0	51.4	−19.6	−51.0	54.7	248.9
126	Y81G_062_062$_e$	0.125	0.625	0.0	0.625	0.625	0.312	139	0.105	0.625	0.0	44.2	−32.7	19.3	38.0	149.4	0.125	0.625	0.0	47.7	−47.6	26.0	54.3	151.3	16.7	140	0.169	1.0	0.0	58.7	−52.3	30.9	60.8	149.4
127	G00B_062_050$_e$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.156	46.2	−29.3	9.4	30.8	162.2	0.125	0.625	0.125	47.9	−32.1	9.9	33.6	162.7	3.3	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
128	G11B_062_050$_e$	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.251	46.1	−26.5	2.3	26.6	175.0	0.125	0.625	0.25	48.1	−29.7	−0.7	29.7	181.5	4.8	164	0.0	1.0	0.252	53.7	−53.1	4.6	53.3	175.0
129	G25B_062_050$_e$	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.349	46.8	−23.3	−3.9	23.7	189.6	0.125	0.625	0.375	48.9	−24.0	−13.0	27.3	208.4	9.3	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
130	G38B_062_050$_e$	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.425	47.2	−20.1	−9.0	22.0	204.2	0.125	0.625	0.5	50.2	−17.6	−24.6	30.3	234.4	16.1	186	0.0	1.0	0.601	55.8	−40.2	−18.0	44.1	204.2
131	G50B_062_050$_e$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.486	47.3	−17.3	−13.0	21.7	216.9	0.125	0.625	0.625	51.6	−13.7	−34.1	36.7	248.0	21.7	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
132	G59B_075_062$_e$	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.75	0.648	51.0	−19.5	−20.9	28.6	227.0	0.125	0.625	0.75	52.2	−9.7	−39.4	40.6	256.0	20.8	201	0.0	1.0	0.837	54.8	−31.2	−33.5	45.8	227.0
133	G65B_087_075$_e$	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.875	0.809	54.5	−21.2	−29.5	36.4	234.3	0.125	0.625	0.875	52.2	−7.7	−45.2	45.9	260.2	20.7	205	0.0	1.0	0.912	53.7	−28.3	−39.4	48.5	234.3
134	G70B_100_087$_e$	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	1.0	0.966	58.0	−22.2	−38.3	44.3	239.7	0.125	0.625	1.0	49.9	−5.8	−53.3	53.6	263.7	23.6	208	0.0	1.0	0.961	52.8	−25.4	−43.7	50.6	239.7
135	Y85G_075_075$_e$	0.125	0.75	0.0	0.75	0.75	0.375	141	0.103	0.75	0.0	48.2	−40.2	21.6	45.7	151.7	0.125	0.75	0.0	52.4	−53.0	28.5	60.2	151.7	15.0	142	0.137	1.0	0.0	57.6	−53.7	28.8	61.0	151.7
136	G00B_075_062$_e$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.164	50.4	−36.7	11.7	38.5	162.2	0.125	0.75	0.125	53.0	−37.5	12.9	39.7	160.9	3.0	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
137	G09B_075_062$_e$	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.256	50.3	−34.1	4.6	34.5	172.2	0.125	0.75	0.25	53.0	−36.1	4.1	36.3	173.4	3.3	161	0.0	1.0	0.21	53.7	−54.7	7.4	55.2	172.2
138	G19B_075_062$_e$	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.363	50.8	−31.0	−1.7	31.0	183.2	0.125	0.75	0.375	54.4	−34.3	−6.7	35.0	191.1	7.0	172	0.0	1.0	0.381	54.4	−49.6	−2.7	49.7	183.2
139	G30B_075_062$_e$	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.448	51.4	−27.3	−7.8	28.4	195.9	0.125	0.75	0.5	55.9	−27.7	−19.0	33.7	214.4	12.1	181	0.0	1.0	0.517	55.5	−43.6	−12.5	45.4	195.9
140	G40B_075_062$_e$	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.518	51.7	−24.3	−12.3	27.3	206.9	0.125	0.75	0.625	56.0	−23.8	−29.3	37.8	230.8	17.4	188	0.0	1.0	0.629	55.9	−39.0	−19.8	43.7	206.9
141	G50B_075_062$_e$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.577	51.7	−21.6	−16.3	27.1	216.9	0.125	0.75	0.75	55.9	−17.6	−38.2	42.1	245.2	22.6	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
142	G57B_087_075$_e$	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.875	0.736	55.6	−23.9	−24.0	33.9	225.1	0.125	0.75	0.875	55.3	−12.9	−44.8	46.6	253.8	23.4	200	0.0	1.0	0.815	55.1	−31.8	−32.1	45.2	225.1
143	G63B_100_087$_e$	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	1.0	0.902	59.1	−25.8	−32.5	41.5	231.5	0.125	0.75	1.0	54.6	−11.2	−51.6	52.8	257.6	24.4	204	0.0	1.0	0.888	54.1	−29.5	−37.2	47.5	231.5
144	Y86G_087_087$_e$	0.125	0.875	0.0	0.875	0.875	0.437	142	0.104	0.875	0.0	52.4	−47.6	24.4	53.5	152.9	0.125	0.875	0.0	57.4	−54.5	30.7	62.6	150.5	10.6	143	0.118	1.0	0.0	57.0	−54.5	27.8	61.2	152.9
145	G00B_087_075$_e$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.172	54.6	−44.0	14.1	46.2	162.2	0.125	0.875	0.125	58.3	−51.1	19.4	54.7	159.1	9.6	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
146	G07B_087_075$_e$	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.261	54.5	−41.7	7.0	42.3	170.4	0.125	0.875	0.25	58.3	−47.7	8.8	48.5	169.5	7.3	159	0.0	1.0	0.182	53.6	−55.6	9.3	56.4	170.4
147	G15B_087_075$_e$	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.369	54.9	−38.4	0.2	38.4	179.5	0.125	0.875	0.375	58.4	−43.0	−3.3	43.1	184.4	6.8	168	0.0	1.0	0.325	54.1	−51.3	0.3	51.3	179.5
148	G25B_087_075$_e$	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.462	55.5	−35.0	−5.9	35.5	189.6	0.125	0.875	0.5	59.4	−37.0	−14.3	39.7	201.1	9.4	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
149	G34B_087_075$_e$	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.54	56.0	−31.6	−11.3	33.6	199.6	0.125	0.875	0.625	59.7	−31.9	−23.1	39.4	215.8	12.3	183	0.0	1.0	0.554	55.6	−42.2	−15.0	44.8	199.6
150	G42B_087_075$_e$	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.609	56.2	−28.7	−15.7	32.7	208.7	0.125	0.875	0.75	59.2	−27.2	−32.3	42.2	229.8	16.8	189	0.0	1.0	0.646	55.9	−38.3	−21.0	43.6	208.7
151	G50B_087_075$_e$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.667	56.2	−26.0	−19.5	32.5	216.9	0.125	0.875	0.875	58.5	−20.3	−42.3	46.9	244.3	23.5	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
152	G56B_100_087$_e$	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	1.0	0.828	60.1	−28.1	−27.4	39.3	224.2	0.125	0.875	1.0	57.3	−16.2	−49.6	52.2	251.8	25.3	199	0.0	1.0	0.804	55.3	−32.1	−31.3	44.9	224.2
153	Y88G_100_100$_e$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.089	1.0	0.0	56.3	−55.7	27.1	61.9	154.0	0.125	1.0	0.0	57.2	−54.2	28.0	61.0	152.6	1.9	145	0.089	1.0	0.0	56.3	−55.7	27.1	61.9	154.0
154	G00B_100_087$_e$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.18	58.9	−51.3	16.4	53.9	162.2	0.125	1.0	0.125	56.0	−54.6	19.8	58.1	160.0	5.5	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
155	G06B_100_087$_e$	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.272	58.7	−49.1	9.0	49.9	169.5	0.125	1.0	0.25	55.7	−53.0	10.8	54.1	168.4	5.2	159	0.0	1.0	0.168	53.6	−56.1	10.3	57.1	169.5
156	G13B_100_087$_e$	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.371	58.9	−45.9	2.5	45.9	176.8	0.125	1.0	0.375	57.1	−47.7	1.6	47.7	178.0	2.7	165	0.0	1.0	0.281	53.9	−52.4	2.9	52.5	176.8
157	G20B_100_087$_e$	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.475	59.5	−42.7	−3.7	42.9	185.0	0.125	1.0	0.5	57.5	−41.3	−10.2	42.6	193.9	6.9	173	0.0	1.0	0.4	54.6	−48.8	−4.3	49.0	185.0
158	G29B_100_087$_e$	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.561	60.2	−38.8	−9.8	40.0	194.1	0.125	1.0	0.625	58.4	−35.3	−20.6	40.9	210.3	11.6	179	0.0	1.0	0.498	55.4	−44.3	−11.2	45.7	194.1
159	G36B_100_087$_e$	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.634	60.5	−35.9	−14.8	38.8	202.3	0.125	1.0	0.75	58.2	−31.4	−27.2	41.5	220.9	13.4	185	0.0	1.0	0.582	55.7	−41.0	−16.9	44.4	202.3
160	G43B_100_087$_e$	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	1.0	0.698	60.7	−33.1	−18.9	38.2	209.6	0.125	1.0	0.875	58.5	−25.3	−35.9	44.0	234.8	18.9	190	0.0	1.0	0.654	55.9	−37.9	−21.6	43.6	209.6
161	G50B_100_087$_e$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	0.757	60.7	−30.3	−22.8	38.0	216.9	0.125	1.0	1.0	55.1	−21.2	−46.1	50.8	245.2	25.6	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9

Mean color difference of this page: **delta $E^{*\prime}$ = 13.9**

1-0132030-F0   RE670-7N, Page 21/33-F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E^{*\prime}$

input: *rgb/cmyk* −> rgb_e
output: transfer to $cmyk_e$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 22/33

n	HIC*$_{Fe}$	rgb$_{\_Fe}$			ict$_{\_Fe}$			$h_{si\_F,e}$	rgb*$_{Fe}$			LabCh*$_{Fe}$					rgb*'$_{Fe}$			LabCh*'$_{Fe}$					DE*'$_{Fe}$	$h_{siM,e}$	rgb*$_{Me}$			LabCh*$_{Me}$				
162	R00Y_025_025$_e$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	26.5	15.4	7.3	17.1	25.4	0.25	0.0	0.0	25.9	11.7	10.1	15.4	40.7	4.6	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
163	R00Y_025_025$_e$	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.194	26.4	17.1	−2.3	17.3	352.0	0.25	0.0	0.125	26.2	14.4	0.4	14.4	1.9	3.9	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
164	B50R_025_025$_e$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.136	0.0	0.25	24.1	12.9	−7.9	15.1	328.6	0.25	0.0	0.25	27.9	21.6	−9.2	23.5	336.8	9.5	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
165	B34R_037_037$_e$	0.25	0.0	0.375	0.375	0.375	0.187	311	0.065	0.0	0.375	24.2	13.1	−15.3	20.1	310.5	0.25	0.0	0.375	28.8	25.4	−16.2	30.1	327.5	13.1	279	0.173	0.0	1.0	31.2	35.0	−40.8	53.8	310.5
166	B25R_050_050$_e$	0.25	0.0	0.5	0.5	0.5	0.25	300	0.001	0.0	0.5	26.1	12.9	−22.2	25.7	300.1	0.25	0.0	0.5	29.9	29.6	−22.9	37.4	322.2	17.1	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
167	B19R_062_062$_e$	0.25	0.0	0.625	0.625	0.625	0.312	293	0.0	0.049	0.625	28.6	12.7	−29.3	32.0	293.5	0.25	0.0	0.625	29.5	35.8	−29.5	46.4	320.4	23.0	265	0.0	0.079	1.0	33.7	20.4	−46.9	51.2	293.5
168	B15R_075_075$_e$	0.25	0.0	0.75	0.75	0.75	0.375	289	0.0	0.094	0.75	30.9	12.9	−36.1	38.3	289.7	0.25	0.0	0.75	30.3	38.5	−33.2	50.8	319.2	25.7	263	0.0	0.125	1.0	34.5	17.2	−48.1	51.1	289.7
169	B13R_087_087$_e$	0.25	0.0	0.875	0.875	0.875	0.437	286	0.0	0.138	0.875	33.0	13.0	−43.0	45.0	286.9	0.25	0.0	0.875	31.0	39.8	−37.2	54.5	316.8	27.4	261	0.0	0.158	1.0	34.9	14.9	−49.2	51.4	286.9
170	B11R_100_100$_e$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.18	1.0	35.1	13.3	−49.8	51.6	285.0	0.25	0.0	1.0	30.9	39.6	−38.3	55.1	315.9	29.0	260	0.0	0.18	1.0	35.1	13.3	−49.8	51.6	285.0
171	R50Y_025_025$_e$	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.097	0.0	31.2	8.1	13.4	15.7	58.8	0.25	0.125	0.0	29.5	2.6	14.0	14.2	79.1	5.7	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
172	R00Y_025_012$_e$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.125	0.124	32.5	7.7	3.6	8.5	25.4	0.25	0.125	0.125	28.5	7.0	3.9	8.1	29.1	4.0	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
173	B50R_025_012$_e$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.193	0.124	0.25	31.3	6.4	−3.9	7.5	328.6	0.25	0.125	0.25	32.8	12.5	−8.1	15.0	326.9	7.5	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
174	B25R_037_025$_e$	0.25	0.125	0.375	0.375	0.25	0.25	300	0.125	0.124	0.375	32.3	6.4	−11.1	12.8	300.1	0.25	0.125	0.375	33.5	14.4	−16.2	21.7	311.6	9.5	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
175	B15R_050_037$_e$	0.25	0.125	0.5	0.5	0.375	0.312	289	0.124	0.172	0.5	34.7	6.4	−18.0	19.1	289.7	0.25	0.125	0.5	34.8	19.7	−23.9	31.0	309.4	14.5	263	0.0	0.125	1.0	34.5	17.2	−48.1	51.1	289.7
176	B11R_062_050$_e$	0.25	0.125	0.625	0.625	0.5	0.375	284	0.125	0.215	0.625	36.8	6.6	−24.9	25.8	285.0	0.25	0.125	0.625	37.7	23.1	−30.4	38.2	307.2	17.4	260	0.0	0.18	1.0	35.1	13.3	−49.8	51.6	285.0
177	B09R_075_062$_e$	0.25	0.125	0.75	0.75	0.625	0.437	281	0.125	0.258	0.75	38.9	6.8	−31.6	32.4	282.1	0.25	0.125	0.75	39.4	27.0	−36.3	45.2	306.7	20.7	258	0.0	0.213	1.0	35.4	10.9	−50.7	51.8	282.1
178	B07R_087_075$_e$	0.25	0.125	0.875	0.875	0.75	0.5	279	0.125	0.301	0.875	41.0	6.9	−38.4	39.0	280.2	0.25	0.125	0.875	35.7	33.0	−41.0	52.7	308.8	26.7	257	0.0	0.235	1.0	35.6	9.2	−51.2	52.0	280.2
179	B06R_100_087$_e$	0.25	0.125	1.0	1.0	0.875	0.562	278	0.125	0.34	1.0	43.1	7.3	−45.0	45.6	279.3	0.25	0.125	1.0	35.5	32.5	−41.4	52.6	308.1	26.5	256	0.0	0.246	1.0	35.8	8.4	−51.4	52.1	279.3
180	Y00G_025_025$_e$	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.233	0.0	36.7	−0.6	15.4	15.4	92.3	0.25	0.25	0.0	36.1	−3.9	19.5	19.9	101.4	5.3	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
181	Y00G_025_012$_e$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.241	0.124	37.6	−0.3	7.7	7.7	92.3	0.25	0.25	0.125	34.8	−1.2	7.5	7.6	99.5	3.0	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
182	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	35.0	2.2	−3.2	3.9	304.9	5.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
183	B00R_037_012$_e$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.296	0.375	41.0	0.2	−6.6	6.6	271.7	0.25	0.25	0.375	36.6	5.7	−17.3	18.2	288.3	12.7	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
184	B00R_050_025$_e$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.342	0.5	43.5	0.4	−13.3	13.3	271.7	0.25	0.25	0.5	39.5	9.3	−24.7	26.4	290.6	15.0	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
185	B00R_062_037$_e$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.388	0.625	46.0	0.6	−20.0	20.0	271.7	0.25	0.25	0.625	42.7	12.7	−29.7	32.3	293.1	15.8	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
186	B00R_075_050$_e$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.434	0.75	48.5	0.8	−26.7	26.7	271.7	0.25	0.25	0.75	44.5	17.0	−35.9	39.8	295.3	19.1	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
187	B00R_087_062$_e$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.48	0.875	51.0	1.0	−33.4	33.4	271.7	0.25	0.25	0.875	39.8	23.5	−43.5	49.5	298.3	27.1	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
188	B00R_100_075$_e$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.526	1.0	53.5	1.2	−40.1	40.1	271.7	0.25	0.25	1.0	37.7	24.7	−43.6	50.1	299.6	28.6	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
189	Y31G_037_037$_e$	0.25	0.375	0.0	0.375	0.375	0.187	109	0.223	0.375	0.0	41.7	−10.0	22.0	24.1	114.4	0.25	0.375	0.0	39.5	−9.4	24.1	25.9	111.3	3.0	113	0.595	1.0	0.0	77.8	−26.7	58.7	64.5	114.4
190	Y50G_037_025$_e$	0.25	0.375	0.125	0.375	0.25	0.25	120	0.229	0.375	0.124	41.7	−9.1	11.9	15.0	127.2	0.25	0.375	0.125	42.0	−8.2	10.4	13.3	128.2	1.7	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
191	G00B_037_012$_e$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.257	42.8	−7.3	2.3	7.7	162.2	0.25	0.375	0.25	41.8	−6.1	−1.6	6.3	194.6	4.2	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
192	G50B_037_012$_e$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.34	43.0	−4.3	−3.2	5.4	216.9	0.25	0.375	0.375	42.6	−3.9	−16.8	17.3	256.7	13.6	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
193	G75B_050_025$_e$	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.498	0.5	46.6	−5.6	−11.8	13.1	244.3	0.25	0.375	0.5	44.1	0.1	−24.2	24.2	270.3	13.9	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
194	G84B_062_037$_e$	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.522	0.625	50.2	−5.7	−20.5	21.3	254.3	0.25	0.375	0.625	47.1	3.4	−30.0	30.2	276.5	13.5	225	0.0	0.725	1.0	51.1	−15.3	−54.8	56.9	254.3
195	G88B_075_050$_e$	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.565	0.75	53.3	−5.4	−27.8	28.3	258.9	0.25	0.375	0.75	48.5	5.4	−35.6	36.0	278.7	14.2	231	0.0	0.631	1.0	49.4	−10.8	−55.7	56.7	258.9
196	G90B_087_062$_e$	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.605	0.875	55.8	−5.0	−34.5	34.9	261.6	0.25	0.375	0.875	46.8	11.2	−46.2	47.6	283.6	21.9	235	0.0	0.569	1.0	47.5	−8.0	−55.3	55.9	261.6
197	G92B_100_075$_e$	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.645	1.0	58.2	−4.6	−41.2	41.4	263.5	0.25	0.375	1.0	43.8	14.5	−46.4	48.6	287.3	24.5	238	0.0	0.527	1.0	46.2	−6.2	−54.9	55.3	263.5
198	Y50G_050_050$_e$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.208	0.5	0.0	44.8	−18.2	23.9	30.1	127.2	0.25	0.5	0.0	44.0	−20.1	28.4	34.8	125.3	4.9	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
199	Y68G_050_037$_e$	0.25	0.5	0.125	0.5	0.375	0.312	131	0.23	0.5	0.124	45.4	−17.3	14.4	22.5	140.0	0.25	0.5	0.125	47.1	−16.5	13.1	21.0	141.5	2.3	134	0.28	1.0	0.0	63.1	−46.1	38.6	60.2	140.0
200	G00B_050_025$_e$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.265	47.0	−14.6	4.7	15.4	162.2	0.25	0.5	0.25	45.9	−14.5	1.0	14.6	175.8	3.8	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
201	G25B_050_025$_e$	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.362	47.3	−11.6	−1.9	11.8	189.6	0.25	0.5	0.375	47.2	−9.7	−11.3	14.9	229.3	9.5	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
202	G50B_050_025$_e$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.43	47.5	−8.6	−6.5	10.8	216.9	0.25	0.5	0.5	49.8	−6.8	−24.6	25.5	254.4	18.3	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
203	G65B_062_037$_e$	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.625	0.592	51.2	−10.6	−14.7	18.2	234.3	0.25	0.5	0.625	50.7	−2.6	−30.1	30.3	264.9	17.3	205	0.0	1.0	0.912	53.7	−28.3	−39.4	48.5	234.3
204	G75B_075_050$_e$	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.746	0.75	54.6	−11.3	−23.6	26.2	244.3	0.25	0.5	0.75	52.2	−0.9	−34.6	34.6	268.4	15.3	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
205	G80B_087_062$_e$	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.758	0.875	58.2	−11.4	−32.8	34.8	250.7	0.25	0.5	0.875	52.2	1.0	−44.5	44.5	271.3	18.1	220	0.0	0.814	1.0	51.4	−18.3	−52.5	55.6	250.7
206	G84B_100_075$_e$	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.794	1.0	61.9	−11.4	−41.1	42.6	254.3	0.25	0.5	1.0	45.9	6.7	−48.8	49.3	277.8	25.3	225	0.0	0.725	1.0	51.1	−15.3	−54.8	56.9	254.3
207	Y61G_062_062$_e$	0.25	0.625	0.0	0.625	0.625	0.312	127	0.202	0.625	0.0	48.3	−26.6	26.2	37.4	135.4	0.25	0.625	0.0	49.4	−31.1	32.7	45.1	133.5	7.9	131	0.323	1.0	0.0	65.3	−42.6	42.0	59.9	135.4
208	Y76G_062_050$_e$	0.25	0.625	0.125	0.625	0.5	0.375	136	0.233	0.625	0.125	49.4	−25.0	16.9	30.2	145.9	0.25	0.625	0.125	51.9	−24.1	16.3	29.1	145.8	2.7	138	0.217	1.0	0.0	60.3	−50.1	33.9	60.5	145.9
209	G00B_062_037$_e$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.273	51.2	−22.0	7.0	23.1	162.2	0.25	0.625	0.25	51.0	−22.4	4.7	22.9	168.0	2.3	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
210	G15B_062_037$_e$	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.372	51.3	−19.2	0.1	19.2	179.5	0.25	0.625	0.375	53.0	−16.8	−7.7	18.5	204.5	8.3	168	0.0	1.0	0.325	54.1	−51.3	0.3	51.3	179.5
211	G34B_062_037$_e$	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.457	51.9	−15.8	−5.6	16.8	199.6	0.25	0.625	0.5	54.5	−12.9	−19.7	23.6	236.6	14.6	183	0.0	1.0	0.554	55.6	−42.2	−15.0	44.8	199.6
212	G50B_062_037$_e$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.521	52.0	−13.0	−9.7	16.2	216.9	0.25	0.625	0.625	55.1	−8.2	−29.9	31.0	254.5	20.9	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
213	G61B_075_050$_e$	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.75	0.685	55.8	−15.1	−17.8	23.4	229.7	0.25	0.625	0.75	55.9	−5.7	−35.9	36.4	260.8	20.3	203	0.0	1.0	0.871	54.4	−30.2	−35.7	46.8	229.7
214	G69B_087_062$_e$	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.875	0.84	59.2	−16.5	−26.4	31.2	237.9	0.25	0.625	0.875	55.5	−4.0	−42.3	42.5	264.5	20.5	207	0.0	1.0	0.945	53.1	−26.4	−42.3	49.9	237.9
215	G75B_100_075$_e$	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.994	1.0	62.6	−17.0	−35.4	39.3	244.3	0.25	0.625	1.0	53.7	−2.6	−49.7	49.8	266.9	22.1	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
216	Y68G_075_075$_e$	0.25	0.75	0.0	0.75	0.75	0.375	131	0.21	0.75	0.0	52.3	−34.6	28.9	45.1	140.0	0.25	0.75	0.0	57.3	−36.6	37.0	52.1	134.6	9.7	134	0.28	1.0	0.0	63.1	−46.1	38.6	60.2	140.0
217	Y81G_075_062$_e$	0.25	0.75	0.125	0.75	0.625	0.437	139	0.23	0.75	0.125	53.5	−32.7	19.3	38.0	149.4	0.25	0.75	0.125	56.4	−30.2	18.7	35.5	148.2	3.9	140	0.169	1.0	0.0	58.7	−52.3	30.9	60.8	149.4
218	G00B_075_050$_e$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.281	55.5	−29.3	9.4	30.8	162.2	0.25	0.75	0.25	57.3	−27.6	8.4	28.8	162.9	2.7	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
219	G11B_075_050$_e$	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.376	55.4	−26.5	2.3	26.6	175.0	0.25	0.75	0.375	58.6	−24.2	−2.1	24.3	185.1	5.9	164	0.0	1.0	0.252	53.7	−53.1	4.6	53.3	175.0
220	G25B_075_050$_e$	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.474	56.0	−23.3	−3.9	23.7	189.6	0.25	0.75	0.5	59.9	−19.7	−14.3	24.4	216.0	11.6	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
221	G38B_075_050$_e$	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.55	56.5	−20.1	−9.0	22.0	204.2	0.25	0.75	0.625	60.8	−13.9	−24.4	28.1	240.2	17.1	186	0.0	1.0	0.601	55.8	−40.2	−18.0	44.1	204.2
222	G50B_075_050$_e$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.611	56.5	−17.3	−13.0	21.7	216.9	0.25	0.75	0.75	60.3	−10.9	−35.5	37.2	252.9	23.7	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
223	G59B_087_062$_e$	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.875	0.773	60.3	−19.5	−20.9	28.6	227.0	0.25	0.75	0.875	60.3	−8.3	−41.8	42.6	258.7	23.6	201	0.0	1.0	0.837	54.8	−31.2	−33.5	45.8	227.0
224	G65B_100_075$_e$	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	1.0	0.934	63.8	−21.2	−29.5	36.4	234.3	0.25	0.75	1.0	59.8	−7.8	−49.3	49.9	261.0	24.2	205	0.0	1.0	0.912	53.7	−28.3	−39.4	48.5	234.3
225	Y73G_087_087$_e$	0.25	0.875	0.0	0.875	0.875	0.437	134	0.217	0.875	0.0	56.2	−42.5	31.3	52.8	143.5	0.25	0.875	0.0	62.2	−45.2	38.2	59.2	139.7	9.5	136	0.248	1.0	0.0	61.4	−48.6	35.8	60.3	143.5
226	Y85G_087_075$_e$	0.25	0.875	0.125	0.875	0.75	0.5	141	0.228	0.875	0.125	57.5	−40.2	21.6	45.7	151.7	0.25	0.875	0.125	62.9	−44.5	25.1	51.1	150.5	7.7	142	0.137	1.0	0.0	57.6	−53.7	28.8	61.0	151.7
227	G00B_087_062$_e$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.289	59.7	−36.7	11.7	38.5	162.2	0.25	0.875	0.25	63.4	−40.8	14.1	43.2	160.9	6.0	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
228	G09B_087_062$_e$	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.381	59.6	−34.1	4.6	34.5	172.2	0.25	0.875	0.375	64.6	−36.1	2.6	36.2	175.8	5.7	161	0.0	1.0	0.21	53.7	−54.7	7.4	55.2	172.2
229	G19B_087_062$_e$	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.488	60.1	−31.0	−1.7	31.0	183.2	0.25	0.875	0.5	64.9	−30.8	−10.4	32.5	198.6	9.9	172	0.0	1.0	0.381	54.4	−49.6	−2.7	49.7	183.2
230	G30B_087_062$_e$	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.573	60.7	−27.3	−7.8	28.4	195.9	0.25	0.875	0.625	65.5	−24.7	−20.4	32.0	219.5	13.7	181	0.0	1.0	0.517	55.5	−43.6	−12.5	45.4	195.9
231	G40B_087_062$_e$	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.643	61.0	−24.3	−12.3	27.3	206.9	0.25	0.875	0.75	63.9	−18.5	−30.8	36.0	239.0	19.6	188	0.0	1.0	0.629	55.9	−39.0	−19.8	43.7	206.9
232	G50B_087_062$_e$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.702	61.0	−21.6	−16.3	27.1	216.9	0.25	0.875	0.875	64.5	−13.6	−41.8	44.0	251.9	26.9	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
233	G57B_100_075$_e$	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	1.0	0.861	64.9	−23.9	−24.0	33.9	225.1	0.25	0.875	1.0	63.4	−9.4	−47.2	48.1	258.7	27.3	200	0.0	1.0	0.815	55.1	−31.8	−32.1	45.2	225.1
234	Y76G_100_100$_e$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.217	1.0	0.0	60.3	−50.1	33.9	60.5	145.9	0.25	1.0	0.0	61.4	−48.5	35.9	60.3	143.4	2.7	138	0.217	1.0	0.0	60.3	−50.1	33.9	60.5	145.9
235	Y86G_100_087$_e$	0.25	1.0	0.125	1.0	0.875	0.562	142	0.229	1.0	0.125	61.7	−47.6	24.4	53.5	152.9	0.25	1.0	0.125	63.0	−43.9	22.7	49.5	152.6	4.2	143	0.118	1.0	0.0	57.0	−54.5	27.8	61.2	152.9
236	G00B_100_075$_e$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.297	63.9	−44.0	14.1	46.2	162.2	0.25	1.0	0.25	61.4	−44.1	14.8	46.6	161.3	2.6	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
237	G07B_100_075$_e$	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.386	63.8	−41.7	7.0	42.3	170.4	0.25	1.0	0.375	61.4	−41.9	6.3	42.4	171.4	2.5	159	0.0	1.0	0.182	53.6	−55.6	9.3	56.4	170.4
238	G15B_100_075$_e$	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.494	64.1	−38.4	0.2	38.4	179.5	0.25	1.0	0.5	62.0	−36.6	−5.4	37.0	188.4	6.4	168	0.0	1.0	0.325	54.1	−51.3	0.3	51.3	179.5
239	G25B_100_075$_e$	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.587	64.8	−35.0	−5.9	35.5	189.6	0.25	1.0	0.625	62.8	−28.9	−19.2	34.7	213.5	14.7	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
240	G34B_100_075$_e$	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.665	65.3	−31.6	−11.3	33.6	199.6	0.25	1.0	0.75	63.7	−24.7	−25.5	35.5	225.9	15.9	183	0.0	1.0	0.554	55.6	−42.2	−15.0	44.8	199.6
241	G42B_100_075$_e$	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.734	65.5	−28.7	−15.7	32.7	208.7	0.25	1.0	0.875	63.4	−19.6	−34.3	39.5	240.2	20.7	189	0.0	1.0	0.646	55.9	−38.3	−21.0	43.6	208.7
242	G50B_100_075$_e$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	0.792	65.5	−26.0	−19.5	32.5	216.9	0.25	1.0	1.0	60.1	−17.0	−44.8	47.9	249.1	27.2	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9

Mean color difference of this page: **delta *E**' =** ***13.7***

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E^{*\prime}$

input: *rgb/cmyk* −> *rgb*$_e$
output: transfer to *cmyk*$_e$

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 23/33

n	HIC*$_{Fe}$	$rgb_{\_Fe}$			$ict_{\_Fe}$			$h_{si\_F,e}$	rgb^*_{Fe}			$LabCh^*_{Fe}$					$rgb^{*\prime}_{Fe}$			$LabCh^{*\prime}_{Fe}$					$DE^{*\prime}_{Fe}$	$h_{siM,e}$	rgb^*_{Me}			$LabCh^*_{Me}$				
243	R00Y_037_037$_e$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	29.7	23.1	11.0	25.6	25.4	0.375	0.0	0.0	30.4	26.0	16.3	30.7	32.0	6.1	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
244	R18Y_037_037$_e$	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.19	29.2	24.2	1.8	24.3	4.3	0.375	0.0	0.125	32.1	25.7	4.4	26.1	9.8	4.1	359	1.0	0.0	0.508	44.5	64.6	4.8	64.8	4.3
245	B65R_037_037$_e$	0.375	0.0	0.25	0.375	0.375	0.187	349	0.375	0.0	0.367	30.0	26.5	−6.3	27.2	346.6	0.375	0.0	0.25	31.3	29.9	−4.2	30.2	351.8	4.1	331	1.0	0.0	0.979	46.7	70.7	−16.8	72.7	346.6
246	B50R_037_037$_e$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.204	0.0	0.375	26.1	19.4	−11.8	22.7	328.6	0.375	0.0	0.375	32.6	35.3	−12.1	37.4	340.9	17.1	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
247	B38R_050_050$_e$	0.375	0.0	0.5	0.5	0.5	0.25	316	0.12	0.0	0.5	25.4	19.5	−19.3	27.5	315.3	0.375	0.0	0.5	31.5	37.9	−17.4	41.8	335.3	19.4	283	0.24	0.0	1.0	30.9	39.1	−38.6	55.0	315.3
248	B30R_062_062$_e$	0.375	0.0	0.625	0.625	0.625	0.312	307	0.074	0.0	0.625	27.1	19.8	−26.4	33.0	306.8	0.375	0.0	0.625	32.1	41.9	−23.4	48.1	330.8	22.9	276	0.119	0.0	1.0	31.4	31.7	−42.3	52.9	306.8
249	B25R_075_075$_e$	0.375	0.0	0.75	0.75	0.75	0.375	300	0.002	0.0	0.75	29.2	19.4	−33.3	38.6	300.1	0.375	0.0	0.75	32.6	44.1	−28.9	52.7	326.7	25.3	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
250	B20R_087_087$_e$	0.375	0.0	0.875	0.875	0.875	0.437	295	0.0	0.048	0.875	31.6	19.2	−40.5	44.8	295.4	0.375	0.0	0.875	33.4	44.9	−32.7	55.5	323.9	26.9	267	0.0	0.055	1.0	33.3	22.0	−46.3	51.3	295.4
251	B18R_100_100$_e$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.09	1.0	33.9	19.6	−47.3	51.2	292.5	0.375	0.0	1.0	33.0	45.3	−35.2	57.3	322.1	28.3	265	0.0	0.09	1.0	33.9	19.6	−47.3	51.2	292.5
252	R31Y_037_037$_e$	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.085	0.0	34.0	17.2	18.2	25.0	46.6	0.375	0.125	0.0	37.2	10.2	21.6	23.9	64.6	8.3	42	1.0	0.228	0.0	57.3	45.9	48.6	66.9	46.6
253	R00Y_037_025$_e$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.125	0.124	35.7	15.4	7.3	17.1	25.4	0.375	0.125	0.125	37.1	13.5	10.2	16.9	36.9	3.6	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
254	R00Y_037_025$_e$	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.319	35.6	17.1	−2.3	17.3	352.0	0.375	0.125	0.25	35.7	18.8	−1.8	18.9	354.3	1.7	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
255	B50R_037_025$_e$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.261	0.124	0.375	33.4	12.9	−7.9	15.1	328.6	0.375	0.125	0.375	38.0	25.4	−12.5	28.3	333.6	14.0	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
256	B34R_050_037$_e$	0.375	0.125	0.5	0.5	0.375	0.312	311	0.19	0.124	0.5	33.5	13.1	−15.3	20.1	310.5	0.375	0.125	0.5	38.1	27.5	−19.0	33.4	325.3	15.5	279	0.173	0.0	1.0	31.2	35.0	−40.8	53.8	310.5
257	B25R_062_050$_e$	0.375	0.125	0.625	0.625	0.5	0.375	300	0.126	0.125	0.625	35.4	12.9	−22.2	25.7	300.1	0.375	0.125	0.625	38.8	31.6	−25.4	40.5	321.2	19.2	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
258	B19R_075_062$_e$	0.375	0.125	0.75	0.75	0.625	0.437	293	0.125	0.174	0.75	37.8	12.7	−29.3	32.0	293.5	0.375	0.125	0.75	40.8	32.8	−31.2	45.3	316.3	20.3	265	0.0	0.079	1.0	33.7	20.4	−46.9	51.2	293.5
259	B15R_087_075$_e$	0.375	0.125	0.875	0.875	0.75	0.5	289	0.125	0.219	0.875	40.2	12.9	−36.1	38.3	289.7	0.375	0.125	0.875	37.5	40.1	−37.3	54.8	317.0	27.3	263	0.0	0.125	1.0	34.5	17.2	−48.1	51.1	289.7
260	B13R_100_087$_e$	0.375	0.125	1.0	1.0	0.875	0.562	286	0.125	0.263	1.0	42.3	13.0	−43.0	45.0	286.9	0.375	0.125	1.0	37.1	38.9	−38.6	54.8	315.2	26.7	261	0.0	0.158	1.0	34.9	14.9	−49.2	51.4	286.9
261	R68Y_037_037$_e$	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.213	0.0	39.4	7.7	22.6	23.8	71.1	0.375	0.25	0.0	40.7	1.6	28.8	28.8	86.6	8.7	64	1.0	0.569	0.0	71.9	20.5	60.2	63.6	71.1
262	R50Y_037_025$_e$	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.222	0.124	40.5	8.1	13.4	15.7	58.8	0.375	0.25	0.125	42.2	4.3	13.6	14.3	72.3	4.1	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
263	R00Y_037_012$_e$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.25	0.249	41.8	7.7	3.6	8.5	25.4	0.375	0.25	0.25	40.9	9.5	0.7	9.6	4.2	3.6	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
264	B50R_037_012$_e$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.318	0.249	0.375	40.6	6.4	−3.9	7.5	328.6	0.375	0.25	0.375	43.6	14.1	−11.2	18.1	321.5	11.0	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
265	B25R_050_025$_e$	0.375	0.25	0.5	0.5	0.25	0.375	300	0.25	0.249	0.5	41.6	6.4	−11.1	12.8	300.1	0.375	0.25	0.5	43.9	17.5	−19.4	26.2	311.9	14.0	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
266	B15R_062_037$_e$	0.375	0.25	0.625	0.625	0.375	0.437	289	0.25	0.297	0.625	44.0	6.4	−18.0	19.1	289.7	0.375	0.25	0.625	45.2	20.4	−26.2	33.2	307.9	16.2	263	0.0	0.125	1.0	34.5	17.2	−48.1	51.1	289.7
267	B11R_075_050$_e$	0.375	0.25	0.75	0.75	0.5	0.5	284	0.25	0.34	0.75	46.1	6.6	−24.9	25.8	285.0	0.375	0.25	0.75	46.5	22.5	−32.1	39.2	305.0	17.4	260	0.0	0.18	1.0	35.1	13.3	−49.8	51.6	285.0
268	B09R_087_062$_e$	0.375	0.25	0.875	0.875	0.625	0.562	281	0.25	0.383	0.875	48.2	6.8	−31.6	32.4	282.1	0.375	0.25	0.875	43.0	30.2	−39.9	50.0	307.1	25.3	258	0.0	0.213	1.0	35.4	10.9	−50.7	51.8	282.1
269	B07R_100_075$_e$	0.375	0.25	1.0	1.0	0.75	0.625	279	0.25	0.426	1.0	50.3	6.9	−38.4	39.0	280.2	0.375	0.25	1.0	41.5	29.9	−40.6	50.4	306.3	24.6	257	0.0	0.235	1.0	35.6	9.2	−51.2	52.0	280.2
270	Y00G_037_037$_e$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.349	0.0	45.1	−0.9	23.1	23.1	92.3	0.375	0.375	0.0	49.9	−6.0	33.8	34.3	100.0	12.7	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
271	Y00G_037_025$_e$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.358	0.124	46.0	−0.6	15.4	15.4	92.3	0.375	0.375	0.125	51.0	−3.5	20.6	20.9	99.8	7.8	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
272	Y00G_037_012$_e$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.366	0.249	46.9	−0.3	7.7	7.7	92.3	0.375	0.375	0.25	50.2	−0.3	4.8	4.8	94.6	4.3	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
273	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	50.9	4.5	−7.3	8.6	301.7	9.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
274	B00R_050_012$_e$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.421	0.5	50.3	0.2	−6.6	6.6	271.7	0.375	0.375	0.5	48.7	7.7	−18.9	20.5	292.1	14.5	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
275	B00R_062_025$_e$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.467	0.625	52.8	0.4	−13.3	13.3	271.7	0.375	0.375	0.625	50.4	10.5	−25.6	27.7	292.3	16.0	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
276	B00R_075_037$_e$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.513	0.75	55.3	0.6	−20.0	20.0	271.7	0.375	0.375	0.75	51.6	13.4	−31.3	34.0	293.1	17.4	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
277	B00R_087_050$_e$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.559	0.875	57.8	0.8	−26.7	26.7	271.7	0.375	0.375	0.875	49.7	20.4	−41.4	46.2	296.2	25.8	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
278	B00R_100_062$_e$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.605	1.0	60.3	1.0	−33.4	33.4	271.7	0.375	0.375	1.0	46.6	21.5	−42.5	47.6	296.8	26.2	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
279	Y23G_050_050$_e$	0.375	0.5	0.0	0.5	0.5	0.25	104	0.332	0.5	0.0	51.1	−10.9	32.4	34.2	108.6	0.375	0.5	0.0	49.6	−10.2	38.5	39.9	104.8	6.3	109	0.665	1.0	0.0	82.1	−21.8	64.9	68.5	108.6
280	Y31G_050_037$_e$	0.375	0.5	0.125	0.5	0.375	0.312	109	0.348	0.5	0.124	51.0	−10.0	22.0	24.1	114.4	0.375	0.5	0.125	55.4	−9.2	21.8	23.6	112.9	4.5	113	0.595	1.0	0.0	77.8	−26.7	58.7	64.5	114.4
281	Y50G_050_025$_e$	0.375	0.5	0.25	0.5	0.25	0.375	120	0.354	0.5	0.249	50.9	−9.1	11.9	15.0	127.2	0.375	0.5	0.25	55.0	−6.7	7.0	9.7	133.5	6.8	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
282	G00B_050_012$_e$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.382	52.1	−7.3	2.3	7.7	162.2	0.375	0.5	0.375	55.2	−3.3	−5.0	6.0	236.6	8.9	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
283	G50B_050_012$_e$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.465	52.3	−4.3	−3.2	5.4	216.9	0.375	0.5	0.5	56.0	−0.9	−17.7	17.7	267.0	15.3	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
284	G75B_062_025$_e$	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.623	0.625	55.8	−5.6	−11.8	13.1	244.3	0.375	0.5	0.625	55.2	1.6	−25.3	25.4	273.6	15.4	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
285	G84B_075_037$_e$	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.647	0.75	59.5	−5.7	−20.5	21.3	254.3	0.375	0.5	0.75	56.3	3.9	−30.6	30.9	277.2	14.3	225	0.0	0.725	1.0	51.1	−15.3	−54.8	56.9	254.3
286	G88B_087_050$_e$	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.69	0.875	62.5	−5.4	−27.8	28.3	258.9	0.375	0.5	0.875	57.0	8.5	−41.5	42.3	281.5	20.2	231	0.0	0.631	1.0	49.4	−10.8	−55.7	56.7	258.9
287	G90B_100_062$_e$	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.73	1.0	65.0	−5.0	−34.5	34.9	261.6	0.375	0.5	1.0	51.9	12.8	−43.8	45.6	286.3	24.0	235	0.0	0.569	1.0	47.5	−8.0	−55.3	55.9	261.6
288	Y38G_062_062$_e$	0.375	0.625	0.0	0.625	0.625	0.312	113	0.336	0.625	0.0	54.2	−19.0	34.2	39.2	119.1	0.375	0.625	0.0	53.1	−18.8	39.4	43.7	115.5	5.2	117	0.539	1.0	0.0	74.7	−30.5	54.8	62.7	119.1
289	Y50G_062_050$_e$	0.375	0.625	0.125	0.625	0.5	0.375	120	0.333	0.625	0.125	54.1	−18.2	23.9	30.1	127.2	0.375	0.625	0.125	59.4	−16.0	23.9	28.8	123.7	5.8	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
290	Y68G_062_037$_e$	0.375	0.625	0.25	0.625	0.375	0.437	131	0.355	0.625	0.25	54.7	−17.3	14.4	22.5	140.0	0.375	0.625	0.25	59.2	−14.9	10.7	18.4	144.3	6.3	134	0.28	1.0	0.0	63.1	−46.1	38.6	60.2	140.0
291	G00B_062_025$_e$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.39	56.3	−14.6	4.7	15.4	162.2	0.375	0.625	0.375	60.2	−11.9	−2.3	12.1	191.2	8.5	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
292	G25B_062_025$_e$	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.487	56.6	−11.6	−1.9	11.8	189.6	0.375	0.625	0.5	60.6	−6.9	−13.2	14.9	242.2	12.8	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
293	G50B_062_025$_e$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.555	56.8	−8.6	−6.5	10.8	216.9	0.375	0.625	0.625	61.9	−5.3	−24.5	25.1	257.6	19.0	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
294	G65B_075_037$_e$	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.75	0.717	60.5	−10.6	−14.7	18.2	234.3	0.375	0.625	0.75	61.7	−2.3	−32.6	32.7	265.8	19.6	205	0.0	1.0	0.912	53.7	−28.3	−39.4	48.5	234.3
295	G75B_087_050$_e$	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.871	0.875	63.8	−11.3	−23.6	26.2	244.3	0.375	0.625	0.875	61.6	0.0	−38.0	38.0	269.9	18.4	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
296	G80B_100_062$_e$	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.883	1.0	67.5	−11.4	−32.8	34.8	250.7	0.375	0.625	1.0	57.0	2.8	−45.6	45.7	273.5	21.9	220	0.0	0.814	1.0	51.4	−18.3	−52.5	55.6	250.7
297	Y50G_075_075$_e$	0.375	0.75	0.0	0.75	0.75	0.375	120	0.312	0.75	0.0	57.2	−27.3	35.9	45.1	127.2	0.375	0.75	0.0	61.6	−26.2	44.2	51.4	120.7	9.4	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
298	Y61G_075_062$_e$	0.375	0.75	0.125	0.75	0.625	0.437	127	0.327	0.75	0.125	57.6	−26.6	26.2	37.4	135.4	0.375	0.75	0.125	64.3	−24.6	26.8	36.5	132.5	7.0	131	0.323	1.0	0.0	65.3	−42.6	42.0	59.9	135.4
299	Y76G_075_050$_e$	0.375	0.75	0.25	0.75	0.5	0.5	136	0.358	0.75	0.25	58.7	−25.0	16.9	30.2	145.9	0.375	0.75	0.25	63.9	−22.8	13.9	26.8	148.6	6.4	138	0.217	1.0	0.0	60.3	−50.1	33.9	60.5	145.9
300	G00B_075_037$_e$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.398	60.5	−22.0	7.0	23.1	162.2	0.375	0.75	0.375	64.7	−19.0	1.6	19.0	175.0	7.4	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
301	G15B_075_037$_e$	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.497	60.6	−19.2	0.1	19.2	179.5	0.375	0.75	0.5	65.9	−14.3	−8.9	16.9	211.8	11.6	168	0.0	1.0	0.325	54.1	−51.3	0.3	51.3	179.5
302	G34B_075_037$_e$	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.582	61.2	−15.8	−5.6	16.8	199.6	0.375	0.75	0.625	66.2	−10.8	−20.8	23.5	242.6	16.7	183	0.0	1.0	0.554	55.6	−42.2	−15.0	44.8	199.6
303	G50B_075_037$_e$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.646	61.3	−13.0	−9.7	16.2	216.9	0.375	0.75	0.75	66.6	−7.7	−32.2	33.2	256.4	23.6	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
304	G61B_087_050$_e$	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.875	0.81	65.0	−15.1	−17.8	23.4	229.7	0.375	0.75	0.875	66.7	−4.8	−38.8	39.1	262.8	23.3	203	0.0	1.0	0.871	54.4	−30.2	−35.7	46.8	229.7
305	G69B_100_062$_e$	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	1.0	0.965	68.5	−16.5	−26.4	31.2	237.9	0.375	0.75	1.0	65.5	−4.3	−44.6	44.8	264.4	22.1	207	0.0	1.0	0.945	53.1	−26.4	−42.3	49.9	237.9
306	Y58G_087_087$_e$	0.375	0.875	0.0	0.875	0.875	0.437	125	0.301	0.875	0.0	60.7	−35.7	38.2	52.3	133.0	0.375	0.875	0.0	66.6	−32.1	46.2	56.3	124.8	10.6	130	0.344	1.0	0.0	66.5	−40.8	43.6	59.8	133.0
307	Y68G_087_075$_e$	0.375	0.875	0.125	0.875	0.75	0.5	131	0.335	0.875	0.125	61.6	−34.6	28.9	45.1	140.0	0.375	0.875	0.125	69.3	−33.3	32.4	46.5	135.7	8.5	134	0.28	1.0	0.0	63.1	−46.1	38.6	60.2	140.0
308	Y81G_087_062$_e$	0.375	0.875	0.25	0.875	0.625	0.562	139	0.355	0.875	0.25	62.7	−32.7	19.3	38.0	149.4	0.375	0.875	0.25	69.0	−30.5	16.6	34.8	151.4	7.1	140	0.169	1.0	0.0	58.7	−52.3	30.9	60.8	149.4
309	G00B_087_050$_e$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.406	64.7	−29.3	9.4	30.8	162.2	0.375	0.875	0.375	70.3	−28.7	6.9	29.5	166.3	6.1	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
310	G11B_087_050$_e$	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.501	64.7	−26.5	2.3	26.6	175.0	0.375	0.875	0.5	71.1	−24.9	−3.9	25.2	189.0	9.1	164	0.0	1.0	0.252	53.7	−53.1	4.6	53.3	175.0
311	G25B_087_050$_e$	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.599	65.3	−23.3	−3.9	23.7	189.6	0.375	0.875	0.625	71.0	−19.9	−14.7	24.7	216.5	12.6	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
312	G38B_087_050$_e$	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.675	65.7	−20.1	−9.0	22.0	204.2	0.375	0.875	0.75	70.6	−15.1	−26.8	30.8	240.5	19.0	186	0.0	1.0	0.601	55.8	−40.2	−18.0	44.1	204.2
313	G50B_087_050$_e$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.736	65.8	−17.3	−13.0	21.7	216.9	0.375	0.875	0.875	70.7	−9.5	−39.2	40.4	256.3	27.7	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
314	G59B_100_062$_e$	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	1.0	0.898	69.6	−19.5	−20.9	28.6	227.0	0.375	0.875	1.0	69.8	−6.4	−43.2	43.7	261.4	25.8	201	0.0	1.0	0.837	54.8	−31.2	−33.5	45.8	227.0
315	Y63G_100_100$_e$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.312	1.0	0.0	64.8	−43.5	41.2	60.0	136.5	0.375	1.0	0.0	68.1	−38.1	45.8	59.6	129.7	7.9	132	0.312	1.0	0.0	64.8	−43.5	41.2	60.0	136.5
316	Y73G_100_087$_e$	0.375	1.0	0.125	1.0	0.875	0.562	134	0.342	1.0	0.125	65.5	−42.5	31.3	52.8	143.5	0.375	1.0	0.125	67.9	−37.6	34.0	50.7	137.8	6.0	136	0.248	1.0	0.0	61.4	−48.6	35.8	60.3	143.5
317	Y85G_100_075$_e$	0.375	1.0	0.25	1.0	0.75	0.625	141	0.353	1.0	0.25	66.8	−40.2	21.6	45.7	151.7	0.375	1.0	0.25	69.0	−33.8	18.5	38.5	151.2	7.5	142	0.137	1.0	0.0	57.6	−53.7	28.8	61.0	151.7
318	G00B_100_062$_e$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.414	69.0	−36.7	11.7	38.5	162.2	0.375	1.0	0.375	68.5	−32.9	11.2	34.7	161.1	3.8	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
319	G09B_100_062$_e$	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.506	68.9	−34.1	4.6	34.5	172.2	0.375	1.0	0.5	69.3	−29.5	1.9	29.5	176.3	5.4	161	0.0	1.0	0.21	53.7	−54.7	7.4	55.2	172.2
320	G19B_100_062$_e$	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.613	69.4	−31.0	−1.7	31.0	183.2	0.375	1.0	0.625	69.9	−24.4	−11.3	26.9	204.9	11.6	172	0.0	1.0	0.381	54.4	−49.6	−2.7	49.7	183.2
321	G30B_100_062$_e$	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.698	70.0	−27.3	−7.8	28.4	195.9	0.375	1.0	0.75	69.7	−19.6	−23.3	30.5	229.9	17.3	181	0.0	1.0	0.517	55.5	−43.6	−12.5	45.4	195.9
322	G40B_100_062$_e$	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.768	70.3	−24.3	−12.3	27.3	206.9	0.375	1.0	0.875	69.7	−16.2	−29.8	33.9	241.4	19.2	188	0.0	1.0	0.629	55.9	−39.0	−19.8	43.7	206.9
323	G50B_100_062$_e$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	0.827	70.3	−21.6	−16.3	27.1	216.9	0.375	1.0	1.0	68.7	−10.9	−40.9	42.4	255.0	26.9	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9

Mean color difference of this page: **delta $E^{*\prime}$ = *14.1***

1−0132230−F0

RE670−7N, Page 23/33−F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E^{*\prime}$

input: *rgb/cmyk* −> rgb_e
output: transfer to $cmyk_e$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−0132230−F0

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 24/33

n	HIC^*_{Fe}	$rgb_{\_Fe}$			$ict_{\_Fe}$			$h_{si\_F,e}$	rgb^*_{Fe}			$LabCh^*_{Fe}$					$rgb^{*'}_{Fe}$			$LabCh^{*'}_{Fe}$					$DE^{*'}_{Fe}$	$h_{siM,e}$	rgb^*_{Me}			$LabCh^*_{Me}$				
324	R00Y_050_050$_e$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	32.9	30.8	14.7	34.2	25.4	0.5	0.0	0.0	32.3	36.8	20.7	42.3	29.3	8.5	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
325	R26Y_050_050$_e$	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.19	32.4	31.1	5.4	31.5	9.8	0.5	0.0	0.125	34.2	33.7	10.3	35.3	17.0	5.9	367	1.0	0.0	0.38	44.7	62.2	10.8	63.1	9.8
326	R00Y_050_050$_e$	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.388	32.8	34.3	−4.7	34.6	352.0	0.5	0.0	0.25	33.5	35.9	0.8	35.9	1.2	5.8	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
327	B61R_050_050$_e$	0.5	0.0	0.375	0.5	0.5	0.25	344	0.437	0.0	0.5	31.5	32.5	−10.6	34.2	341.8	0.5	0.0	0.375	33.8	40.7	−7.4	41.4	349.5	9.1	323	0.875	0.0	1.0	43.0	65.0	−21.2	68.4	341.8
328	B50R_050_050$_e$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.272	0.0	0.5	28.2	25.9	−15.8	30.3	328.6	0.5	0.0	0.5	33.8	44.2	−13.5	46.2	343.0	19.2	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
329	B40R_062_062$_e$	0.5	0.0	0.625	0.625	0.625	0.312	319	0.184	0.0	0.625	27.3	26.0	−23.3	34.9	318.1	0.5	0.0	0.625	34.4	46.1	−19.1	49.9	337.4	21.7	286	0.294	0.0	1.0	31.6	41.7	−37.3	55.9	318.1
330	B34R_075_075$_e$	0.5	0.0	0.75	0.75	0.75	0.375	311	0.13	0.0	0.75	28.4	26.2	−30.6	40.3	310.5	0.5	0.0	0.75	34.8	48.2	−25.8	54.7	331.8	23.4	279	0.173	0.0	1.0	31.2	35.0	−40.8	53.8	310.5
331	B29R_087_087$_e$	0.5	0.0	0.875	0.875	0.875	0.437	305	0.075	0.0	0.875	30.2	26.2	−37.6	45.9	304.9	0.5	0.0	0.875	35.8	50.0	−30.0	58.4	328.9	25.5	274	0.086	0.0	1.0	31.7	30.0	−43.0	52.5	304.9
332	B25R_100_100$_e$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1	0.5	0.0	1.0	35.4	50.1	−32.6	59.8	326.8	27.1	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
333	R23Y_050_050$_e$	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.08	0.0	36.8	26.6	23.1	35.3	41.0	0.5	0.125	0.0	38.4	20.6	27.6	34.5	53.2	7.6	38	1.0	0.16	0.0	53.7	53.2	46.3	70.6	41.0
334	R00Y_050_037$_e$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.125	0.124	39.0	23.1	11.0	25.6	25.4	0.5	0.125	0.125	39.6	21.4	14.1	25.7	33.3	3.5	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
335	R18Y_050_037$_e$	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.315	38.5	24.2	1.8	24.3	4.3	0.5	0.125	0.25	38.2	24.3	2.9	24.5	6.8	1.1	359	1.0	0.0	0.508	44.5	64.6	4.8	64.8	4.3
336	B65R_050_037$_e$	0.5	0.125	0.375	0.5	0.375	0.312	349	0.5	0.124	0.492	39.3	26.5	−6.3	27.2	346.6	0.5	0.125	0.375	39.4	28.4	−6.7	29.2	346.5	1.9	331	1.0	0.0	0.979	46.7	70.7	−16.8	72.7	346.6
337	B50R_050_037$_e$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.329	0.124	0.5	35.4	19.4	−11.8	22.7	328.6	0.5	0.125	0.5	40.0	34.8	−14.7	37.8	337.0	16.3	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
338	B38R_062_050$_e$	0.5	0.125	0.625	0.625	0.5	0.375	316	0.245	0.125	0.625	34.7	19.5	−19.3	27.5	315.3	0.5	0.125	0.625	40.4	38.3	−20.6	43.5	331.7	19.6	283	0.24	0.0	1.0	30.9	39.1	−38.6	55.0	315.3
339	B30R_075_062$_e$	0.5	0.125	0.75	0.75	0.625	0.437	307	0.199	0.125	0.75	36.4	19.8	−26.4	33.0	306.8	0.5	0.125	0.75	42.0	40.0	−25.9	47.7	327.0	20.9	276	0.119	0.0	1.0	31.4	31.7	−42.3	52.9	306.8
340	B25R_087_075$_e$	0.5	0.125	0.875	0.875	0.75	0.5	300	0.127	0.125	0.875	38.5	19.4	−33.3	38.6	300.1	0.5	0.125	0.875	40.0	45.5	−33.9	56.8	323.2	26.1	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
341	B20R_100_087$_e$	0.5	0.125	1.0	1.0	0.875	0.562	295	0.125	0.173	1.0	40.9	19.2	−40.5	44.8	295.4	0.5	0.125	1.0	38.5	43.2	−36.0	56.2	320.2	24.4	267	0.0	0.055	1.0	33.3	22.0	−46.3	51.3	295.4
342	R50Y_050_050$_e$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.194	0.0	42.4	16.2	26.9	31.5	58.8	0.5	0.25	0.0	43.0	9.0	32.3	33.5	74.3	9.0	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
343	R31Y_050_037$_e$	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.21	0.124	43.3	17.2	18.2	25.0	46.6	0.5	0.25	0.125	46.0	10.3	18.2	20.9	60.3	7.3	42	1.0	0.228	0.0	57.3	45.9	48.6	66.9	46.6
344	R00Y_050_025$_e$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.25	0.249	45.0	15.4	7.3	17.1	25.4	0.5	0.25	0.25	44.5	13.8	5.9	15.0	23.0	2.1	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
345	R00Y_050_025$_e$	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.444	44.9	17.1	−2.3	17.3	352.0	0.5	0.25	0.375	45.5	18.3	−5.0	19.0	344.6	2.9	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
346	B50R_050_025$_e$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.386	0.249	0.5	42.6	12.9	−7.9	15.1	328.6	0.5	0.25	0.5	47.5	23.1	−14.7	27.4	327.5	13.2	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
347	B34R_062_037$_e$	0.5	0.25	0.625	0.625	0.375	0.437	311	0.315	0.25	0.625	42.7	13.1	−15.3	20.1	310.5	0.5	0.25	0.625	46.7	27.6	−21.2	34.8	322.5	16.1	279	0.173	0.0	1.0	31.2	35.0	−40.8	53.8	310.5
348	B25R_075_050$_e$	0.5	0.25	0.75	0.75	0.5	0.5	300	0.251	0.25	0.75	44.7	12.9	−22.2	25.7	300.1	0.5	0.25	0.75	47.6	29.3	−27.2	40.0	317.0	17.3	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
349	B19R_087_062$_e$	0.5	0.25	0.875	0.875	0.625	0.562	293	0.25	0.299	0.875	47.1	12.7	−29.3	32.0	293.5	0.5	0.25	0.875	46.1	36.3	−36.5	51.5	314.8	24.6	265	0.0	0.079	1.0	33.7	20.4	−46.9	51.2	293.5
350	B15R_100_075$_e$	0.5	0.25	1.0	1.0	0.75	0.625	289	0.25	0.344	1.0	49.5	12.9	−36.1	38.3	289.7	0.5	0.25	1.0	43.6	35.5	−37.9	51.9	313.1	23.3	263	0.0	0.125	1.0	34.5	17.2	−48.1	51.1	289.7
351	R76Y_050_050$_e$	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.327	0.0	47.7	7.3	31.0	31.9	76.7	0.5	0.375	0.0	46.8	1.3	38.0	38.0	87.9	9.1	70	1.0	0.655	0.0	75.4	14.6	62.1	63.9	76.7
352	R68Y_050_037$_e$	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.338	0.124	48.7	7.7	22.6	23.8	71.1	0.5	0.375	0.125	52.3	2.5	24.0	24.1	83.8	6.4	64	1.0	0.569	0.0	71.9	20.5	60.2	63.6	71.1
353	R50Y_050_025$_e$	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.347	0.249	49.8	8.1	13.4	15.7	58.8	0.5	0.375	0.25	51.9	5.2	10.1	11.4	62.8	4.9	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
354	R00Y_050_012$_e$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	51.1	7.7	3.6	8.5	25.4	0.5	0.375	0.375	51.7	9.3	−3.1	9.8	341.1	7.0	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
355	B50R_050_012$_e$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.443	0.375	0.5	49.9	6.4	−3.9	7.5	328.6	0.5	0.375	0.5	53.5	14.0	−13.7	19.6	315.7	12.9	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
356	B25R_062_025$_e$	0.5	0.375	0.625	0.625	0.25	0.5	300	0.375	0.375	0.625	50.9	6.4	−11.1	12.8	300.1	0.5	0.375	0.625	53.1	18.5	−20.9	27.9	311.5	15.6	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
357	B15R_075_037$_e$	0.5	0.375	0.75	0.75	0.375	0.562	289	0.375	0.422	0.75	53.3	6.4	−18.0	19.1	289.7	0.5	0.375	0.75	54.3	20.0	−26.6	33.3	306.9	16.0	263	0.0	0.125	1.0	34.5	17.2	−48.1	51.1	289.7
358	B11R_087_050$_e$	0.5	0.375	0.875	0.875	0.5	0.625	284	0.375	0.465	0.875	55.4	6.6	−24.9	25.8	285.0	0.5	0.375	0.875	52.3	26.4	−38.1	46.4	304.7	24.0	260	0.0	0.18	1.0	35.1	13.3	−49.8	51.6	285.0
359	B09R_100_062$_e$	0.5	0.375	1.0	1.0	0.625	0.687	281	0.375	0.508	1.0	57.5	6.8	−31.6	32.4	282.1	0.5	0.375	1.0	49.9	26.0	−39.5	47.2	303.3	22.0	258	0.0	0.213	1.0	35.4	10.9	−50.7	51.8	282.1
360	Y00G_050_050$_e$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.466	0.0	53.4	−1.2	30.8	30.8	92.3	0.5	0.5	0.0	56.2	−5.6	45.0	45.3	97.1	15.1	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
361	Y00G_050_037$_e$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.474	0.124	54.3	−0.9	23.1	23.1	92.3	0.5	0.5	0.125	59.9	−3.9	27.9	28.2	98.0	7.9	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
362	Y00G_050_025$_e$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.483	0.249	55.3	−0.6	15.4	15.4	92.3	0.5	0.5	0.25	60.0	−1.3	13.7	13.8	95.7	5.0	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
363	Y00G_050_012$_e$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.491	0.375	56.2	−0.3	7.7	7.7	92.3	0.5	0.5	0.375	59.9	2.1	−0.4	2.1	348.2	9.2	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
364	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	59.6	5.7	−9.5	11.2	301.0	11.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
365	B00R_062_012$_e$	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.546	0.625	59.6	0.2	−6.6	6.6	271.7	0.5	0.5	0.625	60.1	9.2	−20.7	22.7	293.9	16.7	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
366	B00R_075_025$_e$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.592	0.75	62.1	0.4	−13.3	13.3	271.7	0.5	0.5	0.75	60.3	11.6	−26.6	29.1	293.5	17.5	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
367	B00R_087_037$_e$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.638	0.875	64.6	0.6	−20.0	20.0	271.7	0.5	0.5	0.875	60.6	16.8	−37.5	41.2	294.1	24.2	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
368	B00R_100_050$_e$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.684	1.0	67.1	0.8	−26.7	26.7	271.7	0.5	0.5	1.0	55.4	17.9	−40.2	44.1	294.0	24.7	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
369	Y18G_062_062$_e$	0.5	0.625	0.0	0.625	0.625	0.312	101	0.441	0.625	0.0	60.6	−11.7	43.2	44.8	105.1	0.5	0.625	0.0	60.2	−9.8	48.6	49.5	101.4	5.6	106	0.706	1.0	0.0	84.9	−18.7	69.2	71.7	105.1
370	Y23G_062_050$_e$	0.5	0.625	0.125	0.625	0.5	0.375	104	0.457	0.625	0.125	60.3	−10.9	32.4	34.2	108.6	0.5	0.625	0.125	64.6	−8.5	32.2	33.3	104.8	4.8	109	0.665	1.0	0.0	82.1	−21.8	64.9	68.5	108.6
371	Y31G_062_037$_e$	0.5	0.625	0.25	0.625	0.375	0.437	109	0.473	0.625	0.25	60.2	−10.0	22.0	24.1	114.4	0.5	0.625	0.25	65.4	−7.2	18.1	19.5	111.7	7.0	113	0.595	1.0	0.0	77.8	−26.7	58.7	64.5	114.4
372	Y50G_062_025$_e$	0.5	0.625	0.375	0.625	0.25	0.5	120	0.479	0.625	0.375	60.2	−9.1	11.9	15.0	127.2	0.5	0.625	0.375	65.8	−4.0	3.8	5.6	136.9	11.1	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
373	G00B_062_012$_e$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.507	61.3	−7.3	2.3	7.7	162.2	0.5	0.625	0.5	67.0	−1.2	−8.3	8.4	261.2	13.5	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
374	G50B_062_012$_e$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.59	61.6	−4.3	−3.2	5.4	216.9	0.5	0.625	0.625	67.3	1.6	−21.1	21.2	274.3	19.7	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
375	G75B_075_025$_e$	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.748	0.75	65.1	−5.6	−11.8	13.1	244.3	0.5	0.625	0.75	67.2	4.0	−26.5	26.8	278.7	17.7	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
376	G84B_087_037$_e$	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.772	0.875	68.8	−5.7	−20.5	21.3	254.3	0.5	0.625	0.875	66.9	6.6	−34.9	35.5	280.8	19.0	225	0.0	0.725	1.0	51.1	−15.3	−54.8	56.9	254.3
377	G88B_100_050$_e$	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.815	1.0	71.8	−5.4	−27.8	28.3	258.9	0.5	0.625	1.0	62.2	9.3	−40.7	41.8	282.8	21.8	231	0.0	0.631	1.0	49.4	−10.8	−55.7	56.7	258.9
378	Y31G_075_075$_e$	0.5	0.75	0.0	0.75	0.75	0.375	109	0.446	0.75	0.0	63.4	−20.0	44.0	48.3	114.4	0.5	0.75	0.0	67.5	−17.2	53.1	55.9	107.9	10.4	113	0.595	1.0	0.0	77.8	−26.7	58.7	64.5	114.4
379	Y38G_075_062$_e$	0.5	0.75	0.125	0.75	0.625	0.437	113	0.461	0.75	0.125	63.5	−19.0	34.2	39.2	119.1	0.5	0.75	0.125	69.5	−16.7	39.5	42.9	113.0	8.3	117	0.539	1.0	0.0	74.7	−30.5	54.8	62.7	119.1
380	Y50G_075_050$_e$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.458	0.75	0.25	63.3	−18.2	23.9	30.1	127.2	0.5	0.75	0.25	69.6	−14.9	22.0	26.6	124.2	7.3	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
381	Y68G_075_037$_e$	0.5	0.75	0.375	0.75	0.375	0.562	131	0.48	0.75	0.375	64.0	−17.3	14.4	22.5	140.0	0.5	0.75	0.375	70.9	−12.8	8.3	15.3	147.0	10.2	134	0.28	1.0	0.0	63.1	−46.1	38.6	60.2	140.0
382	G00B_075_025$_e$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.515	65.6	−14.6	4.7	15.4	162.2	0.5	0.75	0.5	70.7	−8.3	−4.1	9.2	206.3	12.0	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
383	G25B_075_025$_e$	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.612	65.9	−11.6	−1.9	11.8	189.6	0.5	0.75	0.625	71.7	−4.7	−15.3	16.0	252.7	16.1	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
384	G50B_075_025$_e$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.68	66.1	−8.6	−6.5	10.8	216.9	0.5	0.75	0.75	73.1	−2.5	−27.8	27.9	264.8	23.2	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
385	G65B_087_037$_e$	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.875	0.842	69.7	−10.6	−14.7	18.2	234.3	0.5	0.75	0.875	72.1	−0.3	−34.2	34.2	269.4	22.1	205	0.0	1.0	0.912	53.7	−28.3	−39.4	48.5	234.3
386	G75B_100_050$_e$	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.996	1.0	73.1	−11.3	−23.6	26.2	244.3	0.5	0.75	1.0	68.6	0.5	−41.3	41.3	270.7	21.8	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
387	Y41G_087_087$_e$	0.5	0.875	0.0	0.875	0.875	0.437	115	0.446	0.875	0.0	66.5	−28.2	46.1	54.1	121.4	0.5	0.875	0.0	72.3	−24.4	55.3	60.4	113.8	11.4	119	0.51	1.0	0.0	73.2	−32.2	52.7	61.8	121.4
388	Y50G_087_075$_e$	0.5	0.875	0.125	0.875	0.75	0.5	120	0.437	0.875	0.125	66.5	−27.3	35.9	45.1	127.2	0.5	0.875	0.125	74.4	−23.7	42.3	48.5	119.2	10.8	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
389	Y61G_087_062$_e$	0.5	0.875	0.25	0.875	0.625	0.562	127	0.452	0.875	0.25	66.9	−26.6	26.2	37.4	135.4	0.5	0.875	0.25	73.7	−22.9	23.4	32.7	134.4	8.3	131	0.323	1.0	0.0	65.3	−42.6	42.0	59.9	135.4
390	Y76G_087_050$_e$	0.5	0.875	0.375	0.875	0.5	0.625	136	0.483	0.875	0.375	68.0	−25.0	16.9	30.2	145.9	0.5	0.875	0.375	74.0	−21.5	11.3	24.3	152.2	8.9	138	0.217	1.0	0.0	60.3	−50.1	33.9	60.5	145.9
391	G00B_087_037$_e$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.523	69.8	−22.0	7.0	23.1	162.2	0.5	0.875	0.5	75.4	−18.9	1.1	19.0	176.6	8.7	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
392	G15B_087_037$_e$	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.622	69.9	−19.2	0.1	19.2	179.5	0.5	0.875	0.625	76.7	−14.7	−9.6	17.5	213.1	12.7	168	0.0	1.0	0.325	54.1	−51.3	0.3	51.3	179.5
393	G34B_087_037$_e$	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.707	70.5	−15.8	−5.6	16.8	199.6	0.5	0.875	0.75	76.2	−10.1	−22.7	24.9	246.0	18.9	183	0.0	1.0	0.554	55.6	−42.2	−15.0	44.8	199.6
394	G50B_087_037$_e$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.771	70.6	−13.0	−9.7	16.2	216.9	0.5	0.875	0.875	76.2	−5.0	−35.6	36.0	261.9	27.6	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
395	G61B_100_050$_e$	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	1.0	0.935	74.3	−15.1	−17.8	23.4	229.7	0.5	0.875	1.0	73.6	−3.3	−39.8	40.0	265.2	24.9	203	0.0	1.0	0.871	54.4	−30.2	−35.7	46.8	229.7
396	Y50G_100_100$_e$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2	0.5	1.0	0.0	72.6	−32.8	51.9	61.5	122.3	6.1	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
397	Y58G_100_087$_e$	0.5	1.0	0.125	1.0	0.875	0.562	125	0.426	1.0	0.125	69.9	−35.7	38.2	52.3	133.0	0.5	1.0	0.125	73.9	−31.0	42.6	52.7	126.1	7.5	130	0.344	1.0	0.0	66.5	−40.8	43.6	59.8	133.0
398	Y68G_100_075$_e$	0.5	1.0	0.25	1.0	0.75	0.625	131	0.46	1.0	0.25	70.9	−34.6	28.9	45.1	140.0	0.5	1.0	0.25	73.1	−30.8	27.6	41.4	138.0	4.5	134	0.28	1.0	0.0	63.1	−46.1	38.6	60.2	140.0
399	Y81G_100_062$_e$	0.5	1.0	0.375	1.0	0.625	0.687	139	0.48	1.0	0.375	72.0	−32.7	19.3	38.0	149.4	0.5	1.0	0.375	74.9	−25.4	13.1	28.6	152.7	10.0	140	0.169	1.0	0.0	58.7	−52.3	30.9	60.8	149.4
400	G00B_100_050$_e$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.531	74.0	−29.3	9.4	30.8	162.2	0.5	1.0	0.5	75.9	−21.5	3.3	21.8	171.1	10.0	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
401	G11B_100_050$_e$	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.626	74.0	−26.5	2.3	26.6	175.0	0.5	1.0	0.625	76.4	−18.3	−5.5	19.1	196.8	11.6	164	0.0	1.0	0.252	53.7	−53.1	4.6	53.3	175.0
402	G25B_100_050$_e$	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.724	74.6	−23.3	−3.9	23.7	189.6	0.5	1.0	0.75	76.2	−13.1	−19.6	23.6	236.3	18.8	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
403	G38B_100_050$_e$	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.8	75.0	−20.1	−9.0	22.0	204.2	0.5	1.0	0.875	75.4	−10.0	−28.8	30.5	250.7	22.2	186	0.0	1.0	0.601	55.8	−40.2	−18.0	44.1	204.2
404	G50B_100_050$_e$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.861	75.1	−17.3	−13.0	21.7	216.9	0.5	1.0	1.0	74.6	−5.6	−38.5	39.0	261.6	28.0	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9

Mean color difference of this page: **delta $E^{*'}$ = *14.0***

1-0132330-F0

RE670-7N, Page 24/33-F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E^{*'}$

input: *rgb/cmyk* −> rgb_e
output: transfer to $cmyk_e$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-0132330-F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 25/33

n	$HIC*_{Fe}$	$rgb_{\_Fe}$			$ict_{\_Fe}$			$h_{si\_F,e}$	$rgb*_{Fe}$			$LabCh*_{Fe}$					$rgb*'_{Fe}$			$LabCh*'_{Fe}$					$DE*'_{Fe}$	$h_{siM,e}$	$rgb*_{Me}$			$LabCh*_{Me}$				
405	R00Y_062_062$_e$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	36.2	38.5	18.3	42.7	25.4	0.625	0.0	0.0	34.8	43.2	21.5	48.2	26.4	5.7	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
406	R31Y_062_062$_e$	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.192	35.6	38.5	9.0	39.6	13.2	0.625	0.0	0.125	35.8	41.9	14.8	44.4	19.4	6.6	372	1.0	0.0	0.308	44.9	61.6	14.4	63.3	13.2
407	R11Y_062_062$_e$	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.373	35.6	41.0	−0.1	41.0	359.8	0.625	0.0	0.25	34.7	43.1	6.6	43.6	8.7	7.1	353	1.0	0.0	0.598	44.9	65.7	−0.1	65.7	359.8
408	B69R_062_062$_e$	0.625	0.0	0.375	0.625	0.625	0.312	353	0.625	0.0	0.513	36.1	43.5	−7.3	44.1	350.4	0.625	0.0	0.375	34.7	45.0	−2.2	45.1	357.2	5.5	339	1.0	0.0	0.821	45.8	69.6	−11.7	70.6	350.4
409	B59R_062_062$_e$	0.625	0.0	0.5	0.625	0.625	0.312	341	0.488	0.0	0.625	33.2	38.1	−14.6	40.8	339.0	0.625	0.0	0.5	36.0	48.2	−9.6	49.1	348.6	11.5	318	0.781	0.0	1.0	41.1	61.0	−23.4	65.4	339.0
410	B50R_062_062$_e$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.34	0.0	0.625	30.2	32.3	−19.7	37.9	328.6	0.625	0.0	0.625	36.6	52.3	−16.5	54.8	342.4	21.1	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
411	B42R_075_075$_e$	0.625	0.0	0.75	0.75	0.75	0.375	321	0.249	0.0	0.75	29.2	32.5	−27.2	42.4	320.0	0.625	0.0	0.75	37.7	52.6	−21.9	57.0	337.3	22.4	289	0.333	0.0	1.0	32.3	43.4	−36.3	56.6	320.0
412	B36R_087_087$_e$	0.625	0.0	0.875	0.875	0.875	0.437	314	0.187	0.0	0.875	29.6	32.8	−34.6	47.7	313.4	0.625	0.0	0.875	38.2	54.0	−26.7	60.2	333.6	24.2	281	0.213	0.0	1.0	31.0	37.5	−39.6	54.5	313.4
413	B31R_100_100$_e$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.133	0.0	1.0	31.3	32.5	−42.0	53.1	307.7	0.625	0.0	1.0	38.2	54.8	−29.4	62.2	331.7	26.4	277	0.133	0.0	1.0	31.3	32.5	−42.0	53.1	307.7
414	R18Y_062_062$_e$	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.075	0.0	39.8	35.8	27.7	45.2	37.7	0.625	0.125	0.0	40.1	29.8	30.9	42.9	46.0	6.8	36	1.0	0.121	0.0	51.6	57.2	44.3	72.4	37.7
415	R00Y_062_050$_e$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	42.2	30.8	14.7	34.2	25.4	0.625	0.125	0.125	42.6	29.6	19.0	35.2	32.7	4.5	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
416	R26Y_062_050$_e$	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.315	41.6	31.1	5.4	31.5	9.8	0.625	0.125	0.25	41.7	31.2	8.4	32.3	15.1	3.0	367	1.0	0.0	0.38	44.7	62.2	10.8	63.1	9.8
417	R00Y_062_050$_e$	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.513	42.0	34.3	−4.7	34.6	352.0	0.625	0.125	0.375	41.8	33.4	−0.9	33.4	358.4	3.9	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
418	B61R_062_050$_e$	0.625	0.125	0.5	0.625	0.5	0.375	344	0.562	0.125	0.625	40.8	32.5	−10.6	34.2	341.8	0.625	0.125	0.5	42.3	39.0	−9.0	40.0	346.9	6.8	323	0.875	0.0	1.0	43.0	65.0	−21.2	68.4	341.8
419	B50R_062_050$_e$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.397	0.125	0.625	37.5	25.9	−15.8	30.3	328.6	0.625	0.125	0.625	43.2	43.3	−17.1	46.5	338.4	18.3	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
420	B40R_075_062$_e$	0.625	0.125	0.75	0.75	0.625	0.437	319	0.309	0.125	0.75	36.5	26.0	−23.3	34.9	318.1	0.625	0.125	0.75	44.3	45.6	−22.7	50.9	333.4	21.0	286	0.294	0.0	1.0	31.6	41.7	−37.3	55.9	318.1
421	B34R_087_075$_e$	0.625	0.125	0.875	0.875	0.75	0.5	311	0.255	0.125	0.875	37.7	26.2	−30.6	40.3	310.5	0.625	0.125	0.875	43.8	50.8	−29.3	58.6	330.0	25.3	279	0.173	0.0	1.0	31.2	35.0	−40.8	53.8	310.5
422	B29R_100_087$_e$	0.625	0.125	1.0	1.0	0.875	0.562	305	0.2	0.125	1.0	39.5	26.2	−37.6	45.9	304.9	0.625	0.125	1.0	42.3	48.6	−32.0	58.2	326.6	23.2	274	0.086	0.0	1.0	31.7	30.0	−43.0	52.5	304.9
423	R38Y_062_062$_e$	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.178	0.0	45.1	25.5	31.6	40.6	51.0	0.625	0.25	0.0	44.3	18.0	35.6	39.9	63.1	8.5	46	1.0	0.285	0.0	60.1	40.8	50.5	64.9	51.0
424	R23Y_062_050$_e$	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.205	0.125	46.1	26.6	23.1	35.3	41.0	0.625	0.25	0.125	48.9	18.2	21.5	28.2	49.7	8.9	38	1.0	0.16	0.0	53.7	53.2	46.3	70.6	41.0
425	R00Y_062_037$_e$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	48.3	23.1	11.0	25.6	25.4	0.625	0.25	0.25	47.9	21.1	10.6	23.6	26.8	2.0	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
426	R18Y_062_037$_e$	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.44	47.7	24.2	1.8	24.3	4.3	0.625	0.25	0.375	48.2	24.2	0.0	24.2	0.2	1.7	359	1.0	0.0	0.508	44.5	64.6	4.8	64.8	4.3
427	B65R_062_037$_e$	0.625	0.25	0.5	0.625	0.375	0.437	349	0.625	0.25	0.617	48.6	26.5	−6.3	27.2	346.6	0.625	0.25	0.5	49.5	28.3	−9.2	29.8	341.8	3.6	331	1.0	0.0	0.979	46.7	70.7	−16.8	72.7	346.6
428	B50R_062_037$_e$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.454	0.25	0.625	44.7	19.4	−11.8	22.7	328.6	0.625	0.25	0.625	50.5	33.0	−17.8	37.5	331.6	15.9	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
429	B38R_075_050$_e$	0.625	0.25	0.75	0.75	0.5	0.5	316	0.37	0.25	0.75	44.0	19.5	−19.3	27.5	315.3	0.625	0.25	0.75	51.3	34.7	−22.1	41.1	327.4	17.0	283	0.24	0.0	1.0	30.9	39.1	−38.6	55.0	315.3
430	B30R_087_062$_e$	0.625	0.25	0.875	0.875	0.625	0.562	307	0.324	0.25	0.875	45.7	19.8	−26.4	33.0	306.8	0.625	0.25	0.875	49.7	42.9	−31.8	53.4	323.3	24.0	276	0.119	0.0	1.0	31.4	31.7	−42.3	52.9	306.8
431	B25R_100_075$_e$	0.625	0.25	1.0	1.0	0.75	0.625	300	0.252	0.25	1.0	47.8	19.4	−33.3	38.6	300.1	0.625	0.25	1.0	46.1	42.1	−34.1	54.2	320.9	22.7	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
432	R61Y_062_062$_e$	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.308	0.0	50.8	15.5	36.0	39.2	66.6	0.625	0.375	0.0	48.2	7.9	39.1	39.9	78.4	8.5	59	1.0	0.493	0.0	69.3	24.8	57.7	62.8	66.6
433	R50Y_062_050$_e$	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.319	0.125	51.7	16.2	26.9	31.5	58.8	0.625	0.375	0.125	55.2	9.1	26.6	28.2	71.1	7.9	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
434	R31Y_062_037$_e$	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.335	0.25	52.5	17.2	18.2	25.0	46.6	0.625	0.375	0.25	54.7	12.7	13.2	18.4	45.9	7.0	42	1.0	0.228	0.0	57.3	45.9	48.6	66.9	46.6
435	R00Y_062_025$_e$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	54.3	15.4	7.3	17.1	25.4	0.625	0.375	0.375	55.0	15.0	2.2	15.2	8.3	5.2	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
436	R00Y_062_025$_e$	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.569	54.2	17.1	−2.3	17.3	352.0	0.625	0.375	0.5	56.2	18.3	−7.4	19.7	338.0	5.5	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
437	B50R_062_025$_e$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.511	0.375	0.625	51.9	12.9	−7.9	15.1	328.6	0.625	0.375	0.625	57.1	23.1	−16.6	28.5	324.2	14.4	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
438	B34R_075_037$_e$	0.625	0.375	0.75	0.75	0.375	0.562	311	0.44	0.375	0.75	52.0	13.1	−15.3	20.1	310.5	0.625	0.375	0.75	57.2	25.5	−22.0	33.7	319.2	15.0	279	0.173	0.0	1.0	31.2	35.0	−40.8	53.8	310.5
439	B25R_087_050$_e$	0.625	0.375	0.875	0.875	0.5	0.625	300	0.376	0.375	0.875	54.0	12.9	−22.2	25.7	300.1	0.625	0.375	0.875	57.7	33.8	−32.3	46.8	316.3	23.5	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
440	B19R_100_062$_e$	0.625	0.375	1.0	1.0	0.625	0.687	293	0.375	0.424	1.0	56.4	12.7	−29.3	32.0	293.5	0.625	0.375	1.0	53.1	33.0	−35.0	48.1	313.3	21.2	265	0.0	0.079	1.0	33.7	20.4	−46.9	51.2	293.5
441	R81Y_062_062$_e$	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.436	0.0	56.1	6.8	38.9	39.5	80.0	0.625	0.5	0.0	57.6	0.5	48.3	48.3	89.3	11.3	72	1.0	0.699	0.0	77.8	10.9	62.2	63.2	80.0
442	R76Y_062_050$_e$	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.452	0.125	57.0	7.3	31.0	31.9	76.7	0.625	0.5	0.125	61.9	1.6	34.6	34.6	87.3	8.3	70	1.0	0.655	0.0	75.4	14.6	62.1	63.9	76.7
443	R68Y_062_037$_e$	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.463	0.25	58.0	7.7	22.6	23.8	71.1	0.625	0.5	0.25	61.5	4.0	19.3	19.7	78.2	6.0	64	1.0	0.569	0.0	71.9	20.5	60.2	63.6	71.1
444	R50Y_062_025$_e$	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.472	0.375	59.0	8.1	13.4	15.7	58.8	0.625	0.5	0.375	62.3	6.8	6.2	9.2	42.3	8.1	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
445	R00Y_062_012$_e$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	60.3	7.7	3.6	8.5	25.4	0.625	0.5	0.5	62.7	10.7	−5.6	12.1	332.1	10.0	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
446	B50R_062_012$_e$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.568	0.5	0.625	59.2	6.4	−3.9	7.5	328.6	0.625	0.5	0.625	64.4	15.3	−16.1	22.2	313.5	15.9	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
447	B25R_075_025$_e$	0.625	0.5	0.75	0.75	0.25	0.625	300	0.5	0.5	0.75	60.2	6.4	−11.1	12.8	300.1	0.625	0.5	0.75	63.8	18.5	−22.4	29.1	309.5	16.9	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
448	B15R_087_037$_e$	0.625	0.5	0.875	0.875	0.375	0.687	289	0.5	0.547	0.875	62.6	6.4	−18.0	19.1	289.7	0.625	0.5	0.875	65.0	24.7	−32.3	40.7	307.3	23.2	263	0.0	0.125	1.0	34.5	17.2	−48.1	51.1	289.7
449	B11R_100_050$_e$	0.625	0.5	1.0	1.0	0.5	0.75	284	0.5	0.59	1.0	64.7	6.6	−24.9	25.8	285.0	0.625	0.5	1.0	61.1	24.4	−34.6	42.4	305.1	20.5	260	0.0	0.18	1.0	35.1	13.3	−49.8	51.6	285.0
450	Y00G_062_062$_e$	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.583	0.0	61.8	−1.5	38.5	38.5	92.3	0.625	0.625	0.0	66.4	−6.2	56.3	56.6	96.3	18.9	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
451	Y00G_062_050$_e$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.591	0.125	62.7	−1.2	30.8	30.8	92.3	0.625	0.625	0.125	69.2	−4.9	40.6	40.9	96.9	12.3	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
452	Y00G_062_037$_e$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.599	0.25	63.6	−0.9	23.1	23.1	92.3	0.625	0.625	0.25	69.7	−2.8	24.5	24.7	96.5	6.5	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
453	Y00G_062_025$_e$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.608	0.375	64.5	−0.6	15.4	15.4	92.3	0.625	0.625	0.375	70.3	0.1	10.8	10.8	89.3	7.3	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
454	Y00G_062_012$_e$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.616	0.5	65.5	−0.3	7.7	7.7	92.3	0.625	0.625	0.5	71.3	3.7	−4.0	5.5	312.3	13.7	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
455	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	70.3	7.3	−12.9	14.8	299.7	15.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
456	B00R_075_012$_e$	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.671	0.75	68.9	0.2	−6.6	6.6	271.7	0.625	0.625	0.75	72.1	10.4	−22.6	24.9	294.8	19.2	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
457	B00R_087_025$_e$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.717	0.875	71.4	0.4	−13.3	13.3	271.7	0.625	0.625	0.875	71.3	13.7	−30.3	33.2	294.4	21.5	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
458	B00R_100_037$_e$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.763	1.0	73.9	0.6	−20.0	20.0	271.7	0.625	0.625	1.0	68.3	15.5	−35.0	38.3	293.9	21.8	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
459	Y15G_075_075$_e$	0.625	0.75	0.0	0.75	0.75	0.375	99	0.549	0.75	0.0	70.1	−12.2	54.0	55.3	102.7	0.625	0.75	0.0	73.5	−10.0	61.0	61.9	99.3	8.1	104	0.733	1.0	0.0	86.8	−16.3	72.0	73.8	102.7
460	Y18G_075_062$_e$	0.625	0.75	0.125	0.75	0.625	0.437	101	0.566	0.75	0.125	69.8	−11.7	43.2	44.8	105.1	0.625	0.75	0.125	74.7	−9.8	43.6	44.7	102.6	5.2	106	0.706	1.0	0.0	84.9	−18.7	69.2	71.7	105.1
461	Y23G_075_050$_e$	0.625	0.75	0.25	0.75	0.5	0.5	104	0.582	0.75	0.25	69.6	−10.9	32.4	34.2	108.6	0.625	0.75	0.25	75.2	−7.8	28.4	29.5	105.4	7.5	109	0.665	1.0	0.0	82.1	−21.8	64.9	68.5	108.6
462	Y31G_075_037$_e$	0.625	0.75	0.375	0.75	0.375	0.562	109	0.598	0.75	0.375	69.5	−10.0	22.0	24.1	114.4	0.625	0.75	0.375	75.8	−5.5	14.9	15.9	110.3	10.4	113	0.595	1.0	0.0	77.8	−26.7	58.7	64.5	114.4
463	Y50G_075_025$_e$	0.625	0.75	0.5	0.75	0.25	0.625	120	0.604	0.75	0.5	69.5	−9.1	11.9	15.0	127.2	0.625	0.75	0.5	76.2	−2.4	3.3	4.1	126.6	12.8	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
464	G00B_075_012$_e$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.632	70.6	−7.3	2.3	7.7	162.2	0.625	0.75	0.625	77.0	0.0	−9.6	9.6	270.4	15.5	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
465	G50B_075_012$_e$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.715	70.9	−4.3	−3.2	5.4	216.9	0.625	0.75	0.75	78.1	3.6	−22.6	22.9	279.2	22.1	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
466	G75B_087_025$_e$	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.873	0.875	74.4	−5.6	−11.8	13.1	244.3	0.625	0.75	0.875	77.4	5.9	−29.4	29.9	281.3	21.2	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
467	G84B_100_037$_e$	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.897	1.0	78.0	−5.7	−20.5	21.3	254.3	0.625	0.75	1.0	74.1	5.5	−35.6	36.0	278.8	19.2	225	0.0	0.725	1.0	51.1	−15.3	−54.8	56.9	254.3
468	Y26G_087_087$_e$	0.625	0.875	0.0	0.875	0.875	0.437	106	0.558	0.875	0.0	72.8	−20.7	54.2	58.1	110.9	0.625	0.875	0.0	79.6	−15.4	64.5	66.3	103.4	13.3	110	0.638	1.0	0.0	80.3	−23.7	62.0	66.4	110.9
469	Y31G_087_075$_e$	0.625	0.875	0.125	0.875	0.75	0.5	109	0.571	0.875	0.125	72.6	−20.0	44.0	48.3	114.4	0.625	0.875	0.125	79.7	−15.8	50.2	52.6	107.4	10.2	113	0.595	1.0	0.0	77.8	−26.7	58.7	64.5	114.4
470	Y38G_087_062$_e$	0.625	0.875	0.25	0.875	0.625	0.562	113	0.586	0.875	0.25	72.8	−19.0	34.2	39.2	119.1	0.625	0.875	0.25	78.6	−13.9	30.0	33.1	114.8	8.8	117	0.539	1.0	0.0	74.7	−30.5	54.8	62.7	119.1
471	Y50G_087_050$_e$	0.625	0.875	0.375	0.875	0.5	0.625	120	0.583	0.875	0.375	72.6	−18.2	23.9	30.1	127.2	0.625	0.875	0.375	78.9	−13.2	18.1	22.4	126.1	9.9	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
472	Y68G_087_037$_e$	0.625	0.875	0.5	0.875	0.375	0.687	131	0.605	0.875	0.5	73.3	−17.3	14.4	22.5	140.0	0.625	0.875	0.5	80.0	−10.7	6.7	12.7	148.0	12.1	134	0.28	1.0	0.0	63.1	−46.1	38.6	60.2	140.0
473	G00B_087_025$_e$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.64	74.8	−14.6	4.7	15.4	162.2	0.625	0.875	0.625	81.4	−6.9	−5.2	8.6	217.3	14.2	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
474	G25B_087_025$_e$	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.737	75.1	−11.6	−1.9	11.8	189.6	0.625	0.875	0.75	82.0	−3.9	−16.6	17.1	256.5	17.9	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
475	G50B_087_025$_e$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.805	75.4	−8.6	−6.5	10.8	216.9	0.625	0.875	0.875	82.0	0.0	−31.0	31.0	270.1	26.8	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
476	G65B_100_037$_e$	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	1.0	0.967	79.0	−10.6	−14.7	18.2	234.3	0.625	0.875	1.0	79.4	0.3	−34.7	34.7	270.5	22.8	205	0.0	1.0	0.912	53.7	−28.3	−39.4	48.5	234.3
477	Y36G_100_100$_e$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.553	1.0	0.0	75.5	−29.6	55.8	63.1	117.9	0.625	1.0	0.0	79.4	−24.5	60.6	65.4	112.0	7.9	116	0.553	1.0	0.0	75.5	−29.6	55.8	63.1	117.9
478	Y41G_100_087$_e$	0.625	1.0	0.125	1.0	0.875	0.562	115	0.571	1.0	0.125	75.8	−28.2	46.1	54.1	121.4	0.625	1.0	0.125	81.4	−22.6	51.0	55.8	113.9	9.3	119	0.51	1.0	0.0	73.2	−32.2	52.7	61.8	121.4
479	Y50G_100_075$_e$	0.625	1.0	0.25	1.0	0.75	0.625	120	0.562	1.0	0.25	75.7	−27.3	35.9	45.1	127.2	0.625	1.0	0.25	80.3	−22.4	37.6	43.8	120.8	6.8	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
480	Y61G_100_062$_e$	0.625	1.0	0.375	1.0	0.625	0.687	127	0.577	1.0	0.375	76.2	−26.6	26.2	37.4	135.4	0.625	1.0	0.375	79.3	−22.1	25.2	33.5	131.2	5.5	131	0.323	1.0	0.0	65.3	−42.6	42.0	59.9	135.4
481	Y76G_100_050$_e$	0.625	1.0	0.5	1.0	0.5	0.75	136	0.608	1.0	0.5	77.3	−25.0	16.9	30.2	145.9	0.625	1.0	0.5	80.5	−17.3	9.4	19.7	151.4	11.2	138	0.217	1.0	0.0	60.3	−50.1	33.9	60.5	145.9
482	G00B_100_037$_e$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.648	79.1	−22.0	7.0	23.1	162.2	0.625	1.0	0.625	82.3	−11.9	−1.2	12.0	186.1	13.4	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
483	G15B_100_037$_e$	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.747	79.2	−19.2	0.1	19.2	179.5	0.625	1.0	0.75	82.6	−7.3	−13.8	15.6	242.1	18.6	168	0.0	1.0	0.325	54.1	−51.3	0.3	51.3	179.5
484	G34B_100_037$_e$	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.832	79.7	−15.8	−5.6	16.8	199.6	0.625	1.0	0.875	81.2	−4.0	−25.0	25.3	260.8	22.7	183	0.0	1.0	0.554	55.6	−42.2	−15.0	44.8	199.6
485	G50B_100_037$_e$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	0.896	79.9	−13.0	−9.7	16.2	216.9	0.625	1.0	1.0	80.5	−0.9	−33.4	33.4	268.3	26.5	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9

Mean color difference of this page: **delta $E*'$ = *13.5***

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E*'$

input: *rgb/cmyk* −> rgb_e
output: transfer to $cmyk_e$

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 26/33

n	HIC*$_{Fe}$	*rgb*$_{\_Fe}$			*ict*$_{\_Fe}$			*h*$_{si\_F,e}$	*rgb**$_{Fe}$			*LabCh**$_{Fe}$					*rgb**'$_{Fe}$			*LabCh**'$_{Fe}$					*DE**'$_{Fe}$	*h*$_{siM,e}$	*rgb**$_{Me}$			*LabCh**$_{Me}$				
486	R00Y_075_075$_e$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	39.4	46.3	22.0	51.3	25.4	0.75	0.0	0.0	38.1	49.4	22.0	54.1	24.0	3.3	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
487	R35Y_075_075$_e$	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.195	38.8	45.9	12.7	47.6	15.4	0.75	0.0	0.125	37.5	48.7	14.1	50.7	16.1	3.3	375	1.0	0.0	0.26	45.0	61.2	16.9	63.5	15.4
488	R18Y_075_075$_e$	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.381	38.4	48.4	3.6	48.6	4.3	0.75	0.0	0.25	37.0	48.7	8.4	49.4	9.7	4.9	359	1.0	0.0	0.508	44.5	64.6	4.8	64.8	4.3
489	R00Y_075_075$_e$	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.582	39.1	51.5	−7.1	52.0	352.0	0.75	0.0	0.375	36.4	50.1	1.5	50.2	1.7	9.2	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
490	B65R_075_075$_e$	0.75	0.0	0.5	0.75	0.75	0.375	349	0.75	0.0	0.734	40.0	53.0	−12.6	54.5	346.6	0.75	0.0	0.5	36.7	53.0	−6.1	53.4	353.3	7.2	331	1.0	0.0	0.979	46.7	70.7	−16.8	72.7	346.6
491	B57R_075_075$_e$	0.75	0.0	0.625	0.75	0.75	0.375	339	0.548	0.0	0.75	35.1	44.2	−18.6	48.0	337.1	0.75	0.0	0.625	37.1	55.9	−13.0	57.4	346.8	13.0	314	0.731	0.0	1.0	40.2	59.0	−24.8	64.0	337.1
492	B50R_075_075$_e$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.408	0.0	0.75	32.3	38.8	−23.7	45.5	328.6	0.75	0.0	0.75	38.2	56.8	−17.6	59.5	342.7	19.9	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
493	B43R_087_087$_e$	0.75	0.0	0.875	0.875	0.875	0.437	322	0.308	0.0	0.875	31.0	38.7	−31.3	49.8	321.0	0.75	0.0	0.875	39.2	57.7	−22.8	62.1	338.3	22.3	290	0.352	0.0	1.0	32.6	44.3	−35.8	56.9	321.0
494	B38R_100_100$_e$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.24	0.0	1.0	30.9	39.1	−38.6	55.0	315.3	0.75	0.0	1.0	40.5	59.7	−24.0	64.3	338.0	27.0	283	0.24	0.0	1.0	30.9	39.1	−38.6	55.0	315.3
495	R15Y_075_075$_e$	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.074	0.0	42.9	43.7	31.2	53.7	35.5	0.75	0.125	0.0	45.6	41.1	37.7	55.8	42.5	7.5	35	1.0	0.099	0.0	50.6	58.3	41.6	71.6	35.5
496	R00Y_075_062$_e$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	45.5	38.5	18.3	42.7	25.4	0.75	0.125	0.125	46.0	36.4	21.9	42.5	31.1	4.2	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
497	R31Y_075_062$_e$	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.317	44.8	38.5	9.0	39.6	13.2	0.75	0.125	0.25	45.3	37.4	13.7	39.8	20.1	4.8	372	1.0	0.0	0.308	44.9	61.6	14.4	63.3	13.2
498	R11Y_075_062$_e$	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.498	44.9	41.0	−0.1	41.0	359.8	0.75	0.125	0.375	44.6	39.1	6.2	39.6	9.0	6.6	353	1.0	0.0	0.598	44.9	65.7	−0.1	65.7	359.8
499	B69R_075_062$_e$	0.75	0.125	0.5	0.75	0.625	0.437	353	0.75	0.125	0.638	45.4	43.5	−7.3	44.1	350.4	0.75	0.125	0.5	44.5	43.2	−2.1	43.2	357.2	5.3	339	1.0	0.0	0.821	45.8	69.6	−11.7	70.6	350.4
500	B59R_075_062$_e$	0.75	0.125	0.625	0.75	0.625	0.437	341	0.613	0.125	0.75	42.5	38.1	−14.6	40.8	339.0	0.75	0.125	0.625	44.7	46.4	−10.6	47.6	347.1	9.4	318	0.781	0.0	1.0	41.1	61.0	−23.4	65.4	339.0
501	B50R_075_062$_e$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.465	0.125	0.75	39.5	32.3	−19.7	37.9	328.6	0.75	0.125	0.75	45.9	49.7	−18.2	53.0	339.9	18.6	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
502	B42R_087_075$_e$	0.75	0.125	0.875	0.875	0.75	0.5	321	0.374	0.125	0.875	38.5	32.5	−27.2	42.4	320.0	0.75	0.125	0.875	46.1	53.0	−23.9	58.2	335.6	22.0	289	0.333	0.0	1.0	32.3	43.4	−36.3	56.6	320.0
503	B36R_100_087$_e$	0.75	0.125	1.0	1.0	0.875	0.562	314	0.312	0.125	1.0	38.9	32.8	−34.6	47.7	313.4	0.75	0.125	1.0	45.6	54.1	−27.6	60.8	332.9	23.4	281	0.213	0.0	1.0	31.0	37.5	−39.6	54.5	313.4
504	R31Y_075_075$_e$	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.171	0.0	48.0	34.4	36.4	50.1	46.6	0.75	0.25	0.0	52.5	25.8	44.5	51.4	59.8	12.5	42	1.0	0.228	0.0	57.3	45.9	48.6	66.9	46.6
505	R18Y_075_062$_e$	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.2	0.125	49.0	35.8	27.7	45.2	37.7	0.75	0.25	0.125	52.2	26.4	25.6	36.8	44.1	10.1	36	1.0	0.121	0.0	51.6	57.2	44.3	72.4	37.7
506	R00Y_075_050$_e$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.5	30.8	14.7	34.2	25.4	0.75	0.25	0.25	51.9	27.5	15.1	31.4	28.8	3.3	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
507	R26Y_075_050$_e$	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.44	50.9	31.1	5.4	31.5	9.8	0.75	0.25	0.375	51.3	30.1	6.0	30.7	11.4	1.2	367	1.0	0.0	0.38	44.7	62.2	10.8	63.1	9.8
508	R00Y_075_050$_e$	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.638	51.3	34.3	−4.7	34.6	352.0	0.75	0.25	0.5	51.4	32.4	−1.9	32.5	356.5	3.4	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
509	B61R_075_050$_e$	0.75	0.25	0.625	0.75	0.5	0.5	344	0.687	0.25	0.75	50.1	32.5	−10.6	34.2	341.8	0.75	0.25	0.625	51.6	36.1	−10.6	37.6	343.5	3.9	323	0.875	0.0	1.0	43.0	65.0	−21.2	68.4	341.8
510	B50R_075_050$_e$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.522	0.25	0.75	46.8	25.9	−15.8	30.3	328.6	0.75	0.25	0.75	52.5	40.0	−19.2	44.4	334.3	15.6	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
511	B40R_087_062$_e$	0.75	0.25	0.875	0.875	0.625	0.562	319	0.434	0.25	0.875	45.8	26.0	−23.3	34.9	318.1	0.75	0.25	0.875	53.6	43.4	−24.9	50.0	330.0	19.0	286	0.294	0.0	1.0	31.6	41.7	−37.3	55.9	318.1
512	B34R_100_075$_e$	0.75	0.25	1.0	1.0	0.75	0.625	311	0.38	0.25	1.0	46.9	26.2	−30.6	40.3	310.5	0.75	0.25	1.0	51.4	45.6	−29.7	54.4	326.8	19.8	279	0.173	0.0	1.0	31.2	35.0	−40.8	53.8	310.5
513	R50Y_075_075$_e$	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.291	0.0	53.6	24.4	40.4	47.2	58.8	0.75	0.375	0.0	57.0	16.6	47.3	50.1	70.6	10.9	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
514	R38Y_075_062$_e$	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.303	0.125	54.3	25.5	31.6	40.6	51.0	0.75	0.375	0.125	58.0	17.9	32.3	36.9	61.0	8.4	46	1.0	0.285	0.0	60.1	40.8	50.5	64.9	51.0
515	R23Y_075_050$_e$	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.33	0.25	55.4	26.6	23.1	35.3	41.0	0.75	0.375	0.25	57.5	18.9	18.5	26.4	44.3	9.2	38	1.0	0.16	0.0	53.7	53.2	46.3	70.6	41.0
516	R00Y_075_037$_e$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	57.5	23.1	11.0	25.6	25.4	0.75	0.375	0.375	57.3	21.3	8.3	22.9	21.3	3.2	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
517	R18Y_075_037$_e$	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.565	57.0	24.2	1.8	24.3	4.3	0.75	0.375	0.5	58.1	23.2	−0.4	23.2	359.0	2.6	359	1.0	0.0	0.508	44.5	64.6	4.8	64.8	4.3
518	B65R_075_037$_e$	0.75	0.375	0.625	0.75	0.375	0.562	349	0.75	0.375	0.742	57.8	26.5	−6.3	27.2	346.6	0.75	0.375	0.625	58.3	26.6	−10.3	28.5	338.8	4.0	331	1.0	0.0	0.979	46.7	70.7	−16.8	72.7	346.6
519	B50R_075_037$_e$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.579	0.375	0.75	54.0	19.4	−11.8	22.7	328.6	0.75	0.375	0.75	58.2	30.9	−18.7	36.1	328.8	14.0	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
520	B38R_087_050$_e$	0.75	0.375	0.875	0.875	0.5	0.625	316	0.495	0.375	0.875	53.3	19.5	−19.3	27.5	315.3	0.75	0.375	0.875	59.6	36.9	−25.8	45.1	325.0	19.6	283	0.24	0.0	1.0	30.9	39.1	−38.6	55.0	315.3
521	B30R_100_062$_e$	0.75	0.375	1.0	1.0	0.625	0.687	307	0.449	0.375	1.0	55.0	19.8	−26.4	33.0	306.8	0.75	0.375	1.0	56.6	39.7	−29.9	49.8	322.9	20.3	276	0.119	0.0	1.0	31.4	31.7	−42.3	52.9	306.8
522	R68Y_075_075$_e$	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.427	0.0	58.9	15.4	45.2	47.7	71.1	0.75	0.5	0.0	62.0	8.0	50.6	51.2	81.0	9.7	64	1.0	0.569	0.0	71.9	20.5	60.2	63.6	71.1
523	R61Y_075_062$_e$	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.433	0.125	60.1	15.5	36.0	39.2	66.6	0.75	0.5	0.125	64.3	9.2	38.6	39.6	76.5	8.0	59	1.0	0.493	0.0	69.3	24.8	57.7	62.8	66.6
524	R50Y_075_050$_e$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.444	0.25	61.0	16.2	26.9	31.5	58.8	0.75	0.5	0.25	64.0	10.3	22.9	25.1	65.6	7.7	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
525	R31Y_075_037$_e$	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.46	0.375	61.8	17.2	18.2	25.0	46.6	0.75	0.5	0.375	63.9	12.8	12.1	17.6	43.2	7.8	42	1.0	0.228	0.0	57.3	45.9	48.6	66.9	46.6
526	R00Y_075_025$_e$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	63.6	15.4	7.3	17.1	25.4	0.75	0.5	0.5	64.2	15.1	2.1	15.3	8.2	5.2	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
527	R00Y_075_025$_e$	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.694	63.5	17.1	−2.3	17.3	352.0	0.75	0.5	0.625	64.8	19.0	−8.5	20.8	335.9	6.5	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
528	B50R_075_025$_e$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.636	0.5	0.75	61.2	12.9	−7.9	15.1	328.6	0.75	0.5	0.75	65.8	23.4	−18.7	30.0	321.3	15.8	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
529	B34R_087_037$_e$	0.75	0.5	0.875	0.875	0.375	0.687	311	0.565	0.5	0.875	61.3	13.1	−15.3	20.1	310.5	0.75	0.5	0.875	66.7	28.1	−26.0	38.3	317.2	19.2	279	0.173	0.0	1.0	31.2	35.0	−40.8	53.8	310.5
530	B25R_100_050$_e$	0.75	0.5	1.0	1.0	0.5	0.75	300	0.501	0.5	1.0	63.3	12.9	−22.2	25.7	300.1	0.75	0.5	1.0	65.0	32.1	−29.7	43.8	317.2	20.7	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
531	R85Y_075_075$_e$	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.545	0.0	64.5	6.3	46.6	47.0	82.2	0.75	0.625	0.0	70.7	0.7	58.9	58.9	89.2	14.8	74	1.0	0.727	0.0	79.4	8.4	62.2	62.7	82.2
532	R81Y_075_062$_e$	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.561	0.125	65.4	6.8	38.9	39.5	80.0	0.75	0.625	0.125	71.2	1.8	43.5	43.6	87.5	8.9	72	1.0	0.699	0.0	77.8	10.9	62.2	63.2	80.0
533	R76Y_075_050$_e$	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.577	0.25	66.3	7.3	31.0	31.9	76.7	0.75	0.625	0.25	71.1	3.6	27.1	27.3	82.4	7.3	70	1.0	0.655	0.0	75.4	14.6	62.1	63.9	76.7
534	R68Y_075_037$_e$	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.588	0.375	67.3	7.7	22.6	23.8	71.1	0.75	0.625	0.375	71.2	5.5	15.7	16.7	70.6	8.2	64	1.0	0.569	0.0	71.9	20.5	60.2	63.6	71.1
535	R50Y_075_025$_e$	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.597	0.5	68.3	8.1	13.4	15.7	58.8	0.75	0.625	0.5	71.2	8.4	5.5	10.0	33.3	8.4	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
536	R00Y_075_012$_e$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	69.6	7.7	3.6	8.5	25.4	0.75	0.625	0.625	71.7	11.3	−6.9	13.2	328.5	11.3	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
537	B50R_075_012$_e$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.693	0.625	0.75	68.4	6.4	−3.9	7.5	328.6	0.75	0.625	0.75	72.9	15.8	−18.0	23.9	311.3	17.4	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
538	B25R_087_025$_e$	0.75	0.625	0.875	0.875	0.25	0.75	300	0.625	0.625	0.875	69.5	6.4	−11.1	12.8	300.1	0.75	0.625	0.875	74.0	20.3	−25.7	32.7	308.2	20.6	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
539	B15R_100_037$_e$	0.75	0.625	1.0	1.0	0.375	0.812	289	0.625	0.672	1.0	71.8	6.4	−18.0	19.1	289.7	0.75	0.625	1.0	72.5	23.0	−29.2	37.2	308.2	19.9	263	0.0	0.125	1.0	34.5	17.2	−48.1	51.1	289.7
540	Y00G_075_075$_e$	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.699	0.0	70.1	−1.8	46.2	46.2	92.3	0.75	0.75	0.0	79.1	−6.3	65.9	66.2	95.5	22.1	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
541	Y00G_075_062$_e$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.708	0.125	71.1	−1.5	38.5	38.5	92.3	0.75	0.75	0.125	78.1	−4.9	50.4	50.7	95.6	14.2	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
542	Y00G_075_050$_e$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.716	0.25	72.0	−1.2	30.8	30.8	92.3	0.75	0.75	0.25	78.3	−3.3	32.8	33.0	95.7	6.9	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
543	Y00G_075_037$_e$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.724	0.375	72.9	−0.9	23.1	23.1	92.3	0.75	0.75	0.375	78.3	−0.7	20.6	20.6	92.1	5.9	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
544	Y00G_075_025$_e$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.733	0.5	73.8	−0.6	15.4	15.4	92.3	0.75	0.75	0.5	79.0	0.8	10.0	10.1	85.3	7.5	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
545	Y00G_075_012$_e$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.741	0.625	74.7	−0.3	7.7	7.7	92.3	0.75	0.75	0.625	79.1	4.8	−4.7	6.7	315.9	14.1	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
546	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	78.7	8.6	−15.0	17.3	299.8	17.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
547	B00R_087_012$_e$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.796	0.875	78.2	0.2	−6.6	6.6	271.7	0.75	0.75	0.875	81.3	10.4	−24.2	26.4	293.3	20.6	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
548	B00R_100_025$_e$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.842	1.0	80.7	0.4	−13.3	13.3	271.7	0.75	0.75	1.0	80.6	11.3	−29.5	31.6	291.0	19.5	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
549	Y13G_087_087$_e$	0.75	0.875	0.0	0.875	0.875	0.437	98	0.653	0.875	0.0	79.2	−13.2	64.1	65.5	101.6	0.75	0.875	0.0	86.3	−9.4	74.1	74.7	97.2	12.8	104	0.746	1.0	0.0	87.7	−15.1	73.3	74.9	101.6
550	Y15G_087_075$_e$	0.75	0.875	0.125	0.875	0.75	0.5	99	0.674	0.875	0.125	79.3	−12.2	54.0	55.3	102.7	0.75	0.875	0.125	83.8	−9.5	58.3	59.1	99.2	6.8	104	0.733	1.0	0.0	86.8	−16.3	72.0	73.8	102.7
551	Y18G_087_062$_e$	0.75	0.875	0.25	0.875	0.625	0.562	101	0.691	0.875	0.25	79.1	−11.7	43.2	44.8	105.1	0.75	0.875	0.25	82.9	−8.5	37.6	38.6	102.7	7.4	106	0.706	1.0	0.0	84.9	−18.7	69.2	71.7	105.1
552	Y23G_087_050$_e$	0.75	0.875	0.375	0.875	0.5	0.625	104	0.707	0.875	0.375	78.9	−10.9	32.4	34.2	108.6	0.75	0.875	0.375	82.9	−7.0	26.3	27.3	104.9	8.2	109	0.665	1.0	0.0	82.1	−21.8	64.9	68.5	108.6
553	Y31G_087_037$_e$	0.75	0.875	0.5	0.875	0.375	0.687	109	0.723	0.875	0.5	78.8	−10.0	22.0	24.1	114.4	0.75	0.875	0.5	84.1	−5.3	15.5	16.4	108.9	9.5	113	0.595	1.0	0.0	77.8	−26.7	58.7	64.5	114.4
554	Y50G_087_025$_e$	0.75	0.875	0.625	0.875	0.25	0.75	120	0.729	0.875	0.625	78.8	−9.1	11.9	15.0	127.2	0.75	0.875	0.625	84.5	−1.4	2.8	3.1	116.6	13.2	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
555	G00B_087_012$_e$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.757	79.9	−7.3	2.3	7.7	162.2	0.75	0.875	0.75	86.6	1.2	−10.0	10.1	277.0	16.5	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
556	G50B_087_012$_e$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.84	80.2	−4.3	−3.2	5.4	216.9	0.75	0.875	0.875	87.0	5.4	−25.2	25.8	282.1	25.0	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
557	G75B_100_025$_e$	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.998	1.0	83.7	−5.6	−11.8	13.1	244.3	0.75	0.875	1.0	85.5	4.1	−29.0	29.3	278.0	19.9	210	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
558	Y23G_100_100$_e$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.665	1.0	0.0	82.1	−21.8	64.9	68.5	108.6	0.75	1.0	0.0	87.9	−14.8	73.6	75.1	101.3	12.6	109	0.665	1.0	0.0	82.1	−21.8	64.9	68.5	108.6
559	Y26G_100_087$_e$	0.75	1.0	0.125	1.0	0.875	0.562	106	0.683	1.0	0.125	82.0	−20.7	54.2	58.1	110.9	0.75	1.0	0.125	87.3	−14.9	59.2	61.0	104.1	9.2	110	0.638	1.0	0.0	80.3	−23.7	62.0	66.4	110.9
560	Y31G_100_075$_e$	0.75	1.0	0.25	1.0	0.75	0.625	109	0.696	1.0	0.25	81.9	−20.0	44.0	48.3	114.4	0.75	1.0	0.25	87.1	−15.3	45.6	48.1	108.5	7.1	113	0.595	1.0	0.0	77.8	−26.7	58.7	64.5	114.4
561	Y38G_100_062$_e$	0.75	1.0	0.375	1.0	0.625	0.687	113	0.711	1.0	0.375	82.0	−19.0	34.2	39.2	119.1	0.75	1.0	0.375	85.7	−15.9	36.8	40.1	113.3	5.4	117	0.539	1.0	0.0	74.7	−30.5	54.8	62.7	119.1
562	Y50G_100_050$_e$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.708	1.0	0.5	81.9	−18.2	23.9	30.1	127.2	0.75	1.0	0.5	85.2	−14.4	24.2	28.1	120.7	5.0	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
563	Y68G_100_037$_e$	0.75	1.0	0.625	1.0	0.375	0.812	131	0.73	1.0	0.625	82.5	−17.3	14.4	22.5	140.0	0.75	1.0	0.625	85.4	−10.1	8.2	13.0	140.9	9.9	134	0.28	1.0	0.0	63.1	−46.1	38.6	60.2	140.0
564	G00B_100_025$_e$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.765	84.1	−14.6	4.7	15.4	162.2	0.75	1.0	0.75	87.3	−4.6	−3.7	5.9	219.3	13.5	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
565	G25B_100_025$_e$	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.862	84.4	−11.6	−1.9	11.8	189.6	0.75	1.0	0.875	86.1	−0.9	−18.4	18.4	266.9	19.7	176	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
566	G50B_100_025$_e$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	0.93	84.7	−8.6	−6.5	10.8	216.9	0.75	1.0	1.0	85.1	2.7	−29.5	29.7	275.2	25.7	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9

Mean color difference of this page: **delta *E**' = *11.9***

1−0132530−F0

RE670−7N, Page 26/33−F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E^{*\prime}$

input: *rgb/cmyk* −> *rgb*$_e$
output: transfer to *cmyk*$_e$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−0132530−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 27/33

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

n	HIC*$_{\mathrm{Fe}}$	*rgb*_$_{\mathrm{Fe}}$			*ict*_$_{\mathrm{Fe}}$			$h_{\mathrm{si\_F,e}}$	*rgb**$_{\mathrm{Fe}}$			*LabCh**$_{\mathrm{Fe}}$					*rgb**'$_{\mathrm{Fe}}$			*LabCh**'$_{\mathrm{Fe}}$					*DE**'$_{\mathrm{Fe}}$	$h_{\mathrm{siM,e}}$	*rgb**$_{\mathrm{Me}}$			*LabCh**$_{\mathrm{Me}}$				
567	R00Y_087_087$_e$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	42.7	54.0	25.7	59.8	25.4	0.875	0.0	0.0	41.9	55.1	24.1	60.1	23.6	2.0	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
568	R36Y_087_087$_e$	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.207	42.0	53.5	15.9	55.8	16.5	0.875	0.0	0.125	41.4	55.1	17.8	57.9	17.9	2.5	376	1.0	0.0	0.236	45.1	61.1	18.1	63.8	16.5
569	R23Y_087_087$_e$	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.378	41.5	55.3	7.4	55.8	7.6	0.875	0.0	0.25	40.4	55.0	12.0	56.3	12.3	4.7	364	1.0	0.0	0.432	44.6	63.2	8.5	63.8	7.6
570	R08Y_087_087$_e$	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.564	42.0	58.0	−2.4	58.1	357.6	0.875	0.0	0.375	40.3	56.7	5.1	56.9	5.1	7.8	350	1.0	0.0	0.645	45.1	66.3	−2.7	66.4	357.6
571	B70R_087_087$_e$	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.673	42.3	59.9	−8.1	60.5	352.3	0.875	0.0	0.5	40.5	58.2	−1.6	58.2	358.3	6.9	342	1.0	0.0	0.769	45.5	68.5	−9.2	69.1	352.3
572	B63R_087_087$_e$	0.875	0.0	0.625	0.875	0.875	0.437	346	0.813	0.0	0.875	41.6	59.0	−17.1	61.5	343.7	0.875	0.0	0.625	40.1	60.7	−8.4	61.3	352.0	9.0	326	0.929	0.0	1.0	44.6	67.5	−19.6	70.3	343.7
573	B56R_087_087$_e$	0.875	0.0	0.75	0.875	0.875	0.437	338	0.623	0.0	0.875	37.4	51.0	−22.5	55.7	336.1	0.875	0.0	0.75	41.3	62.8	−15.6	64.7	346.0	14.2	313	0.712	0.0	1.0	39.8	58.3	−25.7	63.7	336.1
574	B50R_087_087$_e$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.476	0.0	0.875	34.3	45.3	−27.6	53.1	328.6	0.875	0.0	0.875	42.1	63.8	−19.3	66.7	343.1	21.7	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
575	B44R_100_100$_e$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.371	0.0	1.0	33.0	45.1	−35.3	57.3	321.9	0.875	0.0	1.0	43.0	65.0	−21.2	68.4	341.8	26.2	291	0.371	0.0	1.0	33.0	45.1	−35.3	57.3	321.9
576	R13Y_087_087$_e$	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.077	0.0	46.3	51.5	35.2	62.4	34.3	0.875	0.125	0.0	50.7	49.5	43.0	65.6	40.9	9.1	34	1.0	0.088	0.0	50.0	58.8	40.2	71.3	34.3
577	R00Y_087_075$_e$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	48.7	46.3	22.0	51.3	25.4	0.875	0.125	0.125	50.2	48.2	29.6	56.6	31.6	7.9	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
578	R35Y_087_075$_e$	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.32	48.0	45.9	12.7	47.6	15.4	0.875	0.125	0.25	48.9	50.2	19.4	53.8	21.1	8.0	375	1.0	0.0	0.26	45.0	61.2	16.9	63.5	15.4
579	R18Y_087_075$_e$	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.506	47.6	48.4	3.6	48.6	4.3	0.875	0.125	0.375	47.7	51.6	11.4	52.9	12.5	8.4	359	1.0	0.0	0.508	44.5	64.6	4.8	64.8	4.3
580	R00Y_087_075$_e$	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.707	48.4	51.5	−7.1	52.0	352.0	0.875	0.125	0.5	46.8	55.6	4.0	55.8	4.1	12.0	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
581	B65R_087_075$_e$	0.875	0.125	0.625	0.875	0.75	0.5	349	0.875	0.125	0.859	49.3	53.0	−12.6	54.5	346.6	0.875	0.125	0.625	46.7	58.5	−5.6	58.7	354.5	9.2	331	1.0	0.0	0.979	46.7	70.7	−16.8	72.7	346.6
582	B57R_087_075$_e$	0.875	0.125	0.75	0.875	0.75	0.5	339	0.673	0.125	0.875	44.4	44.2	−18.6	48.0	337.1	0.875	0.125	0.75	47.8	61.3	−14.5	63.0	346.6	17.8	314	0.731	0.0	1.0	40.2	59.0	−24.8	64.0	337.1
583	B50R_087_075$_e$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.533	0.125	0.875	41.6	38.8	−23.7	45.5	328.6	0.875	0.125	0.875	48.2	61.7	−21.9	65.5	340.4	23.9	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
584	B43R_100_087$_e$	0.875	0.125	1.0	1.0	0.875	0.562	322	0.433	0.125	1.0	40.3	38.7	−31.3	49.8	321.0	0.875	0.125	1.0	47.9	59.5	−25.1	64.6	337.1	23.0	290	0.352	0.0	1.0	32.6	44.3	−35.8	56.9	321.0
585	R26Y_087_087$_e$	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.164	0.0	50.7	44.0	41.4	60.4	43.3	0.875	0.25	0.0	58.2	35.0	48.6	59.9	54.2	13.6	40	1.0	0.187	0.0	55.1	50.3	47.4	69.1	43.3
586	R15Y_087_075$_e$	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.199	0.125	52.2	43.7	31.2	53.7	35.5	0.875	0.25	0.125	57.2	34.8	35.2	49.5	45.2	10.9	35	1.0	0.099	0.0	50.6	58.3	41.6	71.6	35.5
587	R00Y_087_062$_e$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	54.7	38.5	18.3	42.7	25.4	0.875	0.25	0.25	56.9	35.9	21.4	41.8	30.8	4.5	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
588	R31Y_087_062$_e$	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.442	54.1	38.5	9.0	39.6	13.2	0.875	0.25	0.375	56.0	38.0	12.7	40.1	18.5	4.2	372	1.0	0.0	0.308	44.9	61.6	14.4	63.3	13.2
589	R11Y_087_062$_e$	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.623	54.1	41.0	−0.1	41.0	359.8	0.875	0.25	0.5	55.8	40.3	4.4	40.6	6.3	4.9	353	1.0	0.0	0.598	44.9	65.7	−0.1	65.7	359.8
590	B69R_087_062$_e$	0.875	0.25	0.625	0.875	0.625	0.562	353	0.875	0.25	0.763	54.7	43.5	−7.3	44.1	350.4	0.875	0.25	0.625	55.2	44.4	−4.6	44.6	353.9	2.8	339	1.0	0.0	0.821	45.8	69.6	−11.7	70.6	350.4
591	B59R_087_062$_e$	0.875	0.25	0.75	0.875	0.625	0.562	341	0.738	0.25	0.875	51.8	38.1	−14.6	40.8	339.0	0.875	0.25	0.75	56.2	46.6	−14.6	48.8	342.5	9.5	318	0.781	0.0	1.0	41.1	61.0	−23.4	65.4	339.0
592	B50R_087_062$_e$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.59	0.25	0.875	48.8	32.3	−19.7	37.9	328.6	0.875	0.25	0.875	56.9	50.2	−22.5	55.0	335.7	19.7	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
593	B42R_100_075$_e$	0.875	0.25	1.0	1.0	0.75	0.625	321	0.499	0.25	1.0	47.8	32.5	−27.2	42.4	320.0	0.875	0.25	1.0	55.8	52.4	−25.5	58.3	334.0	21.4	289	0.333	0.0	1.0	32.3	43.4	−36.3	56.6	320.0
594	R41Y_087_087$_e$	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.275	0.0	56.3	33.6	45.1	56.3	53.3	0.875	0.375	0.0	63.8	26.3	53.8	59.9	63.9	13.6	47	1.0	0.314	0.0	61.5	38.4	51.6	64.3	53.3
595	R31Y_087_075$_e$	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.296	0.125	57.3	34.4	36.4	50.1	46.6	0.875	0.375	0.125	62.3	25.7	38.1	46.0	55.9	10.1	42	1.0	0.228	0.0	57.3	45.9	48.6	66.9	46.6
596	R18Y_087_062$_e$	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.325	0.25	58.3	35.8	27.7	45.2	37.7	0.875	0.375	0.25	62.0	26.9	24.0	36.0	41.7	10.2	36	1.0	0.121	0.0	51.6	57.2	44.3	72.4	37.7
597	R00Y_087_050$_e$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	60.8	30.8	14.7	34.2	25.4	0.875	0.375	0.375	61.4	29.0	14.8	32.6	27.0	1.9	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
598	R26Y_087_050$_e$	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.565	60.2	31.1	5.4	31.5	9.8	0.875	0.375	0.5	61.9	31.0	5.7	31.5	10.4	1.7	367	1.0	0.0	0.38	44.7	62.2	10.8	63.1	9.8
599	R00Y_087_050$_e$	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.763	60.6	34.3	−4.7	34.6	352.0	0.875	0.375	0.625	61.7	33.5	−2.9	33.6	354.9	2.3	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
600	B61R_087_050$_e$	0.875	0.375	0.75	0.875	0.5	0.625	344	0.812	0.375	0.875	59.3	32.5	−10.6	34.2	341.8	0.875	0.375	0.75	62.1	38.8	−14.5	41.4	339.4	7.9	323	0.875	0.0	1.0	43.0	65.0	−21.2	68.4	341.8
601	B50R_087_050$_e$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.647	0.375	0.875	56.0	25.9	−15.8	30.3	328.6	0.875	0.375	0.875	63.2	41.9	−23.0	47.9	331.1	19.0	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
602	B40R_100_062$_e$	0.875	0.375	1.0	1.0	0.625	0.687	319	0.559	0.375	1.0	55.1	26.0	−23.3	34.9	318.1	0.875	0.375	1.0	62.1	43.9	−26.8	51.4	328.5	19.4	286	0.294	0.0	1.0	31.6	41.7	−37.3	55.9	318.1
603	R58Y_087_087$_e$	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.405	0.0	62.0	23.7	49.6	55.0	64.4	0.875	0.5	0.0	67.5	17.5	56.5	59.2	72.7	10.8	57	1.0	0.463	0.0	68.0	27.1	56.7	62.8	64.4
604	R50Y_087_075$_e$	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.416	0.125	62.9	24.4	40.4	47.2	58.8	0.875	0.5	0.125	68.1	17.9	42.0	45.6	66.8	8.3	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
605	R38Y_087_062$_e$	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.428	0.25	63.6	25.5	31.6	40.6	51.0	0.875	0.5	0.25	67.5	18.4	25.5	31.5	54.2	10.0	46	1.0	0.285	0.0	60.1	40.8	50.5	64.9	51.0
606	R23Y_087_050$_e$	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.455	0.375	64.7	26.6	23.1	35.3	41.0	0.875	0.5	0.375	67.2	20.0	16.4	25.9	39.3	9.7	38	1.0	0.16	0.0	53.7	53.2	46.3	70.6	41.0
607	R00Y_087_037$_e$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	66.8	23.1	11.0	25.6	25.4	0.875	0.5	0.5	67.7	22.2	7.4	23.4	18.4	3.8	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
608	R18Y_087_037$_e$	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.69	66.3	24.2	1.8	24.3	4.3	0.875	0.5	0.625	68.1	25.1	−2.2	25.2	354.9	4.5	359	1.0	0.0	0.508	44.5	64.6	4.8	64.8	4.3
609	B65R_087_037$_e$	0.875	0.5	0.75	0.875	0.375	0.687	349	0.875	0.5	0.867	67.1	26.5	−6.3	27.2	346.6	0.875	0.5	0.75	68.1	29.7	−12.9	32.4	336.5	7.4	331	1.0	0.0	0.979	46.7	70.7	−16.8	72.7	346.6
610	B50R_087_037$_e$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.704	0.5	0.875	63.3	19.4	−11.8	22.7	328.6	0.875	0.5	0.875	69.4	33.6	−22.4	40.5	326.2	18.8	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
611	B38R_100_050$_e$	0.875	0.5	1.0	1.0	0.5	0.75	316	0.62	0.5	1.0	62.6	19.5	−19.3	27.5	315.3	0.875	0.5	1.0	70.0	36.8	−25.3	44.7	325.4	19.7	283	0.24	0.0	1.0	30.9	39.1	−38.6	55.0	315.3
612	R73Y_087_087$_e$	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.548	0.0	67.1	15.0	54.2	56.3	74.4	0.875	0.625	0.0	74.7	9.5	62.8	63.5	81.3	12.7	68	1.0	0.626	0.0	73.8	17.2	62.0	64.3	74.4
613	R68Y_087_075$_e$	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.552	0.125	68.2	15.4	45.2	47.7	71.1	0.875	0.625	0.125	73.9	9.7	51.0	51.9	79.1	9.9	64	1.0	0.569	0.0	71.9	20.5	60.2	63.6	71.1
614	R61Y_087_062$_e$	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.558	0.25	69.3	15.5	36.0	39.2	66.6	0.875	0.625	0.25	73.4	10.9	29.9	31.9	69.8	8.6	59	1.0	0.493	0.0	69.3	24.8	57.7	62.8	66.6
615	R50Y_087_050$_e$	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.569	0.375	70.3	16.2	26.9	31.5	58.8	0.875	0.625	0.375	73.3	12.6	20.8	24.3	58.7	7.7	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
616	R31Y_087_037$_e$	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.585	0.5	71.1	17.2	18.2	25.0	46.6	0.875	0.625	0.5	74.0	14.0	10.3	17.5	36.3	8.9	42	1.0	0.228	0.0	57.3	45.9	48.6	66.9	46.6
617	R00Y_087_025$_e$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	72.9	15.4	7.3	17.1	25.4	0.875	0.625	0.625	73.6	16.9	−0.3	16.9	358.6	7.9	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
618	R00Y_087_025$_e$	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.819	72.8	17.1	−2.3	17.3	352.0	0.875	0.625	0.75	74.2	21.3	−12.3	24.6	329.9	10.9	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
619	B50R_087_025$_e$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.761	0.625	0.875	70.5	12.9	−7.9	15.1	328.6	0.875	0.625	0.875	76.4	25.7	−21.6	33.6	320.0	19.6	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
620	B34R_100_037$_e$	0.875	0.625	1.0	1.0	0.375	0.812	311	0.69	0.625	1.0	70.6	13.1	−15.3	20.1	310.5	0.875	0.625	1.0	76.9	30.0	−24.6	38.9	320.6	20.3	279	0.173	0.0	1.0	31.2	35.0	−40.8	53.8	310.5
621	R86Y_087_087$_e$	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.649	0.0	72.6	6.2	54.3	54.7	83.4	0.875	0.75	0.0	82.5	2.3	70.7	70.7	88.0	19.5	75	1.0	0.742	0.0	80.1	7.1	62.1	62.5	83.4
622	R85Y_087_075$_e$	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.67	0.125	73.8	6.3	46.6	47.0	82.2	0.875	0.75	0.125	80.5	1.8	56.9	56.9	88.1	13.0	74	1.0	0.727	0.0	79.4	8.4	62.2	62.7	82.2
623	R81Y_087_062$_e$	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.686	0.25	74.7	6.8	38.9	39.5	80.0	0.875	0.75	0.25	80.4	3.6	37.0	37.2	84.3	6.7	72	1.0	0.699	0.0	77.8	10.9	62.2	63.2	80.0
624	R76Y_087_050$_e$	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.702	0.375	75.5	7.3	31.0	31.9	76.7	0.875	0.75	0.375	80.2	5.1	26.7	27.2	79.0	6.7	70	1.0	0.655	0.0	75.4	14.6	62.1	63.9	76.7
625	R68Y_087_037$_e$	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.713	0.5	76.6	7.7	22.6	23.8	71.1	0.875	0.75	0.5	80.6	6.9	15.0	16.5	65.2	8.6	64	1.0	0.569	0.0	71.9	20.5	60.2	63.6	71.1
626	R50Y_087_025$_e$	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.722	0.625	77.6	8.1	13.4	15.7	58.8	0.875	0.75	0.625	80.6	10.4	3.3	10.9	18.0	10.7	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
627	R00Y_087_012$_e$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	78.9	7.7	3.6	8.5	25.4	0.875	0.75	0.75	81.4	12.7	−10.0	16.1	321.7	14.7	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
628	B50R_087_012$_e$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.818	0.75	0.875	77.7	6.4	−3.9	7.5	328.6	0.875	0.75	0.875	83.6	16.7	−20.9	26.7	308.6	20.6	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
629	B25R_100_025$_e$	0.875	0.75	1.0	1.0	0.25	0.875	300	0.75	0.75	1.0	78.7	6.4	−11.1	12.8	300.1	0.875	0.75	1.0	84.3	19.6	−24.5	31.3	308.6	19.5	270	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
630	Y00G_087_087$_e$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.816	0.0	78.5	−2.1	53.9	53.9	92.3	0.875	0.875	0.0	87.8	−5.5	75.2	75.4	94.2	23.5	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
631	Y00G_087_075$_e$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.824	0.125	79.4	−1.8	46.2	46.2	92.3	0.875	0.875	0.125	86.6	−5.1	61.3	61.5	94.7	17.0	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
632	Y00G_087_062$_e$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.833	0.25	80.3	−1.5	38.5	38.5	92.3	0.875	0.875	0.25	86.2	−3.3	44.2	44.3	94.3	8.4	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
633	Y00G_087_050$_e$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.841	0.375	81.3	−1.2	30.8	30.8	92.3	0.875	0.875	0.375	85.6	−2.0	31.8	31.8	93.7	4.5	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
634	Y00G_087_037$_e$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.849	0.5	82.2	−0.9	23.1	23.1	92.3	0.875	0.875	0.5	86.9	0.1	20.4	20.4	89.6	5.5	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
635	Y00G_087_025$_e$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.858	0.625	83.1	−0.6	15.4	15.4	92.3	0.875	0.875	0.625	87.6	2.4	7.5	7.9	71.9	9.5	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
636	Y00G_087_012$_e$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.866	0.75	84.0	−0.3	7.7	7.7	92.3	0.875	0.875	0.75	88.1	5.0	−5.2	7.3	313.8	14.6	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
637	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	88.8	10.1	−18.2	20.9	299.1	21.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
638	B00R_100_012$_e$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.921	1.0	87.4	0.2	−6.6	6.6	271.7	0.875	0.875	1.0	90.1	11.7	−23.4	26.1	296.6	20.4	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
639	Y11G_100_100$_e$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.781	1.0	0.0	88.7	−13.7	74.2	75.5	100.4	0.875	1.0	0.0	91.1	−10.3	75.8	76.5	97.8	4.3	101	0.781	1.0	0.0	88.7	−13.7	74.2	75.5	100.4
640	Y13G_100_087$_e$	0.875	1.0	0.125	1.0	0.875	0.562	98	0.778	1.0	0.125	88.5	−13.2	64.1	65.5	101.6	0.875	1.0	0.125	89.9	−9.6	65.5	66.2	98.3	4.0	104	0.746	1.0	0.0	87.7	−15.1	73.3	74.9	101.6
641	Y15G_100_075$_e$	0.875	1.0	0.25	1.0	0.75	0.625	99	0.799	1.0	0.25	88.6	−12.2	54.0	55.3	102.7	0.875	1.0	0.25	88.8	−8.2	46.7	47.4	100.0	8.3	104	0.733	1.0	0.0	86.8	−16.3	72.0	73.8	102.7
642	Y18G_100_062$_e$	0.875	1.0	0.375	1.0	0.625	0.687	101	0.816	1.0	0.375	88.4	−11.7	43.2	44.8	105.1	0.875	1.0	0.375	89.4	−7.9	37.1	37.9	102.0	7.3	106	0.706	1.0	0.0	84.9	−18.7	69.2	71.7	105.1
643	Y23G_100_050$_e$	0.875	1.0	0.5	1.0	0.5	0.75	104	0.832	1.0	0.5	88.2	−10.9	32.4	34.2	108.6	0.875	1.0	0.5	90.1	−7.0	26.9	27.8	104.6	7.0	109	0.665	1.0	0.0	82.1	−21.8	64.9	68.5	108.6
644	Y31G_100_037$_e$	0.875	1.0	0.625	1.0	0.375	0.812	109	0.848	1.0	0.625	88.1	−10.0	22.0	24.1	114.4	0.875	1.0	0.625	90.8	−5.5	16.8	17.7	108.2	7.3	113	0.595	1.0	0.0	77.8	−26.7	58.7	64.5	114.4
645	Y50G_100_025$_e$	0.875	1.0	0.75	1.0	0.25	0.875	120	0.854	1.0	0.75	88.1	−9.1	11.9	15.0	127.2	0.875	1.0	0.75	91.3	−1.3	2.0	2.4	122.0	12.9	125	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
646	G00B_100_012$_e$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.882	89.2	−7.3	2.3	7.7	162.2	0.875	1.0	0.875	91.7	3.9	−12.9	13.5	286.9	19.1	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
647	G50B_100_012$_e$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	0.965	89.4	−4.3	−3.2	5.4	216.9	0.875	1.0	1.0	90.9	7.4	−23.8	24.9	287.2	23.7	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9

Mean color difference of this page: **delta *E**' =** ***11.5***

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, Δ*E**'

input: *rgb/cmyk* −> *rgb*$_{\mathrm{e}}$
output: transfer to *cmyk*$_{\mathrm{e}}$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 28/33

n	HIC*$_{Fe}$	*rgb*$_{\_Fe}$			*ict*$_{\_Fe}$			*h*$_{si\_F,e}$	*rgb**$_{Fe}$			*LabCh**$_{Fe}$					*rgb**'$_{Fe}$			*LabCh**'$_{Fe}$					*DE**'$_{Fe}$	*h*$_{siM,e}$	*rgb**$_{Me}$			*LabCh**$_{Me}$				
648	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25.4	0.0	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
649	R38Y_100_100$_e$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.212	45.3	61.1	19.4	64.1	17.6	1.0	0.0	0.125	46.0	60.8	24.1	65.4	21.6	4.7	378	1.0	0.0	0.212	45.3	61.1	19.4	64.1	17.6
650	R26Y_100_100$_e$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.38	44.7	62.2	10.8	63.1	9.8	1.0	0.0	0.25	45.0	61.1	17.4	63.6	15.9	6.7	367	1.0	0.0	0.38	44.7	62.2	10.8	63.1	9.8
651	R13Y_100_100$_e$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.575	44.8	65.4	1.1	65.4	0.9	1.0	0.0	0.375	44.8	62.0	11.0	63.0	10.1	10.5	354	1.0	0.0	0.575	44.8	65.4	1.1	65.4	0.9
652	R00Y_100_100$_e$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0	1.0	0.0	0.5	44.4	64.5	5.3	64.7	4.7	15.5	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
653	B68R_100_100$_e$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.847	45.9	70.1	−13.0	71.3	349.4	1.0	0.0	0.625	45.1	65.9	−1.7	65.9	358.5	12.1	338	1.0	0.0	0.847	45.9	70.1	−13.0	71.3	349.4
654	B61R_100_100$_e$	1.0	0.0	0.75	1.0	1.0	0.5	344	0.875	0.0	1.0	43.0	65.0	−21.2	68.4	341.8	1.0	0.0	0.75	45.3	68.1	−8.3	68.6	353.0	13.5	323	0.875	0.0	1.0	43.0	65.0	−21.2	68.4	341.8
655	B55R_100_100$_e$	1.0	0.0	0.875	1.0	1.0	0.5	337	0.694	0.0	1.0	39.5	57.6	−26.5	63.4	335.2	1.0	0.0	0.875	46.1	70.6	−14.4	72.0	348.4	19.0	312	0.694	0.0	1.0	39.5	57.6	−26.5	63.4	335.2
656	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6	1.0	0.0	1.0	46.8	70.7	−17.3	72.8	346.2	25.9	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
657	R11Y_100_100$_e$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.077	0.0	49.5	59.3	38.9	70.9	33.2	1.0	0.125	0.0	51.8	57.0	44.8	72.5	38.1	6.6	33	1.0	0.077	0.0	49.5	59.3	38.9	70.9	33.2
658	R00Y_100_087$_e$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	51.9	54.0	25.7	59.8	25.4	1.0	0.125	0.125	51.1	58.9	37.2	69.7	32.2	12.5	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
659	R36Y_100_087$_e$	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.332	51.3	53.5	15.9	55.8	16.5	1.0	0.125	0.25	50.1	62.0	26.3	67.4	23.0	13.5	376	1.0	0.0	0.236	45.1	61.1	18.1	63.8	16.5
660	R23Y_100_087$_e$	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.503	50.8	55.3	7.4	55.8	7.6	1.0	0.125	0.375	49.3	64.8	17.2	67.1	14.9	13.7	364	1.0	0.0	0.432	44.6	63.2	8.5	63.8	7.6
661	R08Y_100_087$_e$	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.689	51.3	58.0	−2.4	58.1	357.6	1.0	0.125	0.5	48.9	67.3	10.2	68.1	8.6	15.9	350	1.0	0.0	0.645	45.1	66.3	−2.7	66.4	357.6
662	B70R_100_087$_e$	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.798	51.6	59.9	−8.1	60.5	352.3	1.0	0.125	0.625	48.0	70.8	0.7	70.8	0.6	14.4	342	1.0	0.0	0.769	45.5	68.5	−9.2	69.1	352.3
663	B63R_100_087$_e$	1.0	0.125	0.75	1.0	0.875	0.562	346	0.938	0.125	1.0	50.8	59.0	−17.1	61.5	343.7	1.0	0.125	0.75	48.9	72.0	−7.9	72.4	353.7	16.0	326	0.929	0.0	1.0	44.6	67.5	−19.6	70.3	343.7
664	B56R_100_087$_e$	1.0	0.125	0.875	1.0	0.875	0.562	338	0.748	0.125	1.0	46.6	51.0	−22.5	55.7	336.1	1.0	0.125	0.875	49.6	73.3	−15.3	74.9	348.2	23.6	313	0.712	0.0	1.0	39.8	58.3	−25.7	63.7	336.1
665	B50R_100_087$_e$	1.0	0.125	1.0	1.0	0.875	0.562	330	0.601	0.125	1.0	43.6	45.3	−27.6	53.1	328.6	1.0	0.125	1.0	51.0	69.1	−18.2	71.5	345.2	26.6	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
666	R23Y_100_100$_e$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.16	0.0	53.7	53.2	46.3	70.6	41.0	1.0	0.25	0.0	58.5	43.6	49.1	65.7	48.4	11.0	38	1.0	0.16	0.0	53.7	53.2	46.3	70.6	41.0
667	R13Y_100_087$_e$	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.202	0.125	55.6	51.5	35.2	62.4	34.3	1.0	0.25	0.125	58.0	45.2	42.0	61.8	42.9	9.5	34	1.0	0.088	0.0	50.0	58.8	40.2	71.3	34.3
668	R00Y_100_075$_e$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	58.0	46.3	22.0	51.3	25.4	1.0	0.25	0.25	57.6	47.4	32.0	57.2	34.0	10.0	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
669	R35Y_100_075$_e$	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.445	57.3	45.9	12.7	47.6	15.4	1.0	0.25	0.375	56.0	52.1	20.8	56.1	21.7	10.2	375	1.0	0.0	0.26	45.0	61.2	16.9	63.5	15.4
670	R18Y_100_075$_e$	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.631	56.9	48.4	3.6	48.6	4.3	1.0	0.25	0.5	55.5	55.0	12.2	56.3	12.5	10.8	359	1.0	0.0	0.508	44.5	64.6	4.8	64.8	4.3
671	R00Y_100_075$_e$	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.832	57.7	51.5	−7.1	52.0	352.0	1.0	0.25	0.625	55.3	58.3	1.9	58.4	1.9	11.6	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
672	B65R_100_075$_e$	1.0	0.25	0.75	1.0	0.75	0.625	349	1.0	0.25	0.984	58.6	53.0	−12.6	54.5	346.6	1.0	0.25	0.75	56.2	60.6	−9.2	61.3	351.3	8.6	331	1.0	0.0	0.979	46.7	70.7	−16.8	72.7	346.6
673	B57R_100_075$_e$	1.0	0.25	0.875	1.0	0.75	0.625	339	0.798	0.25	1.0	53.7	44.2	−18.6	48.0	337.1	1.0	0.25	0.875	58.1	61.6	−19.1	64.5	342.7	17.8	314	0.731	0.0	1.0	40.2	59.0	−24.8	64.0	337.1
674	B50R_100_075$_e$	1.0	0.25	1.0	1.0	0.75	0.625	330	0.658	0.25	1.0	50.9	38.8	−23.7	45.5	328.6	1.0	0.25	1.0	59.7	58.1	−21.3	61.9	339.8	21.3	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
675	R36Y_100_100$_e$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.27	0.0	59.4	41.9	50.0	65.2	49.9	1.0	0.375	0.0	64.3	33.5	53.4	63.0	57.8	10.3	45	1.0	0.27	0.0	59.4	41.9	50.0	65.2	49.9
676	R26Y_100_087$_e$	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.289	0.125	60.0	44.0	41.4	60.4	43.3	1.0	0.375	0.125	64.1	34.8	44.6	56.6	52.0	10.4	40	1.0	0.187	0.0	55.1	50.3	47.4	69.1	43.3
677	R15Y_100_075$_e$	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.324	0.25	61.5	43.7	31.2	53.7	35.5	1.0	0.375	0.25	63.4	37.2	34.7	50.9	43.0	7.6	35	1.0	0.099	0.0	50.6	58.3	41.6	71.6	35.5
678	R00Y_100_062$_e$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	64.0	38.5	18.3	42.7	25.4	1.0	0.375	0.375	63.3	39.8	22.5	45.7	29.5	4.4	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
679	R31Y_100_062$_e$	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.567	63.4	38.5	9.0	39.6	13.2	1.0	0.375	0.5	63.0	42.8	13.0	44.7	16.8	5.8	372	1.0	0.0	0.308	44.9	61.6	14.4	63.3	13.2
680	R11Y_100_062$_e$	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.748	63.4	41.0	−0.1	41.0	359.8	1.0	0.375	0.625	62.6	46.3	2.7	46.4	3.3	6.0	353	1.0	0.0	0.598	44.9	65.7	−0.1	65.7	359.8
681	B69R_100_062$_e$	1.0	0.375	0.75	1.0	0.625	0.687	353	1.0	0.375	0.888	63.9	43.5	−7.3	44.1	350.4	1.0	0.375	0.75	64.3	47.3	−8.3	48.1	349.9	4.0	339	1.0	0.0	0.821	45.8	69.6	−11.7	70.6	350.4
682	B59R_100_062$_e$	1.0	0.375	0.875	1.0	0.625	0.687	341	0.863	0.375	1.0	61.0	38.1	−14.6	40.8	339.0	1.0	0.375	0.875	65.6	49.8	−18.7	53.2	339.3	13.2	318	0.781	0.0	1.0	41.1	61.0	−23.4	65.4	339.0
683	B50R_100_062$_e$	1.0	0.375	1.0	1.0	0.625	0.687	330	0.715	0.375	1.0	58.1	32.3	−19.7	37.9	328.6	1.0	0.375	1.0	67.3	49.0	−22.2	53.9	335.6	19.2	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
684	R50Y_100_100$_e$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8	1.0	0.5	0.0	69.5	24.3	57.8	62.8	67.1	10.1	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
685	R41Y_100_087$_e$	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.4	0.125	65.6	33.6	45.1	56.3	53.3	1.0	0.5	0.125	69.8	24.3	49.9	55.5	64.0	11.3	47	1.0	0.314	0.0	61.5	38.4	51.6	64.3	53.3
686	R31Y_100_075$_e$	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.421	0.25	66.5	34.4	36.4	50.1	46.6	1.0	0.5	0.25	69.8	26.5	35.7	44.5	53.3	8.5	42	1.0	0.228	0.0	57.3	45.9	48.6	66.9	46.6
687	R18Y_100_062$_e$	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.45	0.375	67.6	35.8	27.7	45.2	37.7	1.0	0.5	0.375	69.5	29.1	25.0	38.4	40.7	7.4	36	1.0	0.121	0.0	51.6	57.2	44.3	72.4	37.7
688	R00Y_100_050$_e$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	70.1	30.8	14.7	34.2	25.4	1.0	0.5	0.5	70.2	30.6	15.2	34.2	26.5	0.6	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
689	R26Y_100_050$_e$	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.69	69.5	31.1	5.4	31.5	9.8	1.0	0.5	0.625	70.6	33.6	3.6	33.8	6.2	3.2	367	1.0	0.0	0.38	44.7	62.2	10.8	63.1	9.8
690	R00Y_100_050$_e$	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.888	69.9	34.3	−4.7	34.6	352.0	1.0	0.5	0.75	70.9	37.6	−8.3	38.5	347.4	4.9	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
691	B61R_100_050$_e$	1.0	0.5	0.875	1.0	0.5	0.75	344	0.937	0.5	1.0	68.6	32.5	−10.6	34.2	341.8	1.0	0.5	0.875	71.5	41.1	−18.8	45.2	335.4	12.2	323	0.875	0.0	1.0	43.0	65.0	−21.2	68.4	341.8
692	B50R_100_050$_e$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.772	0.5	1.0	65.3	25.9	−15.8	30.3	328.6	1.0	0.5	1.0	72.3	41.0	−22.1	46.6	331.6	17.8	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
693	R63Y_100_100$_e$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.511	0.0	69.9	23.7	58.2	62.9	67.8	1.0	0.625	0.0	73.7	17.3	61.9	64.3	74.3	8.3	60	1.0	0.511	0.0	69.9	23.7	58.2	62.9	67.8
694	R58Y_100_087$_e$	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.53	0.125	71.3	23.7	49.6	55.0	64.4	1.0	0.625	0.125	75.2	15.7	52.8	55.1	73.3	9.4	57	1.0	0.463	0.0	68.0	27.1	56.7	62.8	64.4
695	R50Y_100_075$_e$	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.541	0.25	72.2	24.4	40.4	47.2	58.8	1.0	0.625	0.25	75.3	17.5	39.9	43.6	66.2	7.5	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
696	R38Y_100_062$_e$	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.553	0.375	72.9	25.5	31.6	40.6	51.0	1.0	0.625	0.375	75.2	19.9	27.7	34.2	54.2	7.1	46	1.0	0.285	0.0	60.1	40.8	50.5	64.9	51.0
697	R23Y_100_050$_e$	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.58	0.5	74.0	26.6	23.1	35.3	41.0	1.0	0.625	0.5	76.1	21.0	16.9	27.0	38.8	8.6	38	1.0	0.16	0.0	53.7	53.2	46.3	70.6	41.0
698	R00Y_100_037$_e$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	76.1	23.1	11.0	25.6	25.4	1.0	0.625	0.625	76.9	24.0	4.5	24.4	10.7	6.5	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
699	R18Y_100_037$_e$	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.815	75.6	24.2	1.8	24.3	4.3	1.0	0.625	0.75	77.8	27.5	−8.0	28.7	343.7	10.6	359	1.0	0.0	0.508	44.5	64.6	4.8	64.8	4.3
700	B65R_100_037$_e$	1.0	0.625	0.875	1.0	0.375	0.812	349	1.0	0.625	0.992	76.4	26.5	−6.3	27.2	346.6	1.0	0.625	0.875	78.6	31.2	−19.0	36.6	328.6	13.7	331	1.0	0.0	0.979	46.7	70.7	−16.8	72.7	346.6
701	B50R_100_037$_e$	1.0	0.625	1.0	1.0	0.375	0.812	330	0.829	0.625	1.0	72.5	19.4	−11.8	22.7	328.6	1.0	0.625	1.0	78.7	32.4	−22.2	39.3	325.5	17.8	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
702	R76Y_100_100$_e$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.655	0.0	75.4	14.6	62.1	63.9	76.7	1.0	0.75	0.0	80.6	6.5	62.0	62.4	83.9	9.6	70	1.0	0.655	0.0	75.4	14.6	62.1	63.9	76.7
703	R73Y_100_087$_e$	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.673	0.125	76.4	15.0	54.2	56.3	74.4	1.0	0.75	0.125	80.7	7.9	48.9	49.5	80.8	9.9	68	1.0	0.626	0.0	73.8	17.2	62.0	64.3	74.4
704	R68Y_100_075$_e$	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.677	0.25	77.4	15.4	45.2	47.7	71.1	1.0	0.75	0.25	80.8	9.0	39.3	40.3	77.0	9.3	64	1.0	0.569	0.0	71.9	20.5	60.2	63.6	71.1
705	R61Y_100_062$_e$	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.683	0.375	78.6	15.5	36.0	39.2	66.6	1.0	0.75	0.375	80.8	11.0	31.5	33.3	70.6	6.7	59	1.0	0.493	0.0	69.3	24.8	57.7	62.8	66.6
706	R50Y_100_050$_e$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.694	0.5	79.5	16.2	26.9	31.5	58.8	1.0	0.75	0.5	81.7	11.9	22.3	25.3	61.9	6.7	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
707	R31Y_100_037$_e$	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.71	0.625	80.4	17.2	18.2	25.0	46.6	1.0	0.75	0.625	82.3	14.8	9.1	17.4	31.5	9.6	42	1.0	0.228	0.0	57.3	45.9	48.6	66.9	46.6
708	R00Y_100_025$_e$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	82.1	15.4	7.3	17.1	25.4	1.0	0.75	0.75	84.8	16.9	−5.4	17.7	342.2	13.1	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
709	R00Y_100_025$_e$	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.944	82.0	17.1	−2.3	17.3	352.0	1.0	0.75	0.875	84.4	22.5	−17.1	28.3	322.6	15.8	342	1.0	0.0	0.776	45.5	68.6	−9.5	69.3	352.0
710	B50R_100_025$_e$	1.0	0.75	1.0	1.0	0.25	0.875	330	0.886	0.75	1.0	79.8	12.9	−7.9	15.1	328.6	1.0	0.75	1.0	85.6	23.1	−22.0	31.9	316.3	18.3	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
711	R88Y_100_100$_e$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.763	0.0	81.0	5.9	61.6	61.9	84.5	1.0	0.875	0.0	84.6	1.0	57.3	57.3	88.9	7.4	76	1.0	0.763	0.0	81.0	5.9	61.6	61.9	84.5
712	R86Y_100_087$_e$	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.774	0.125	81.9	6.2	54.3	54.7	83.4	1.0	0.875	0.125	85.4	0.9	51.0	51.0	88.9	7.2	75	1.0	0.742	0.0	80.1	7.1	62.1	62.5	83.4
713	R85Y_100_075$_e$	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.795	0.25	83.1	6.3	46.6	47.0	82.2	1.0	0.875	0.25	85.4	2.5	41.0	41.1	86.4	7.1	74	1.0	0.727	0.0	79.4	8.4	62.2	62.7	82.2
714	R81Y_100_062$_e$	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.811	0.375	83.9	6.8	38.9	39.5	80.0	1.0	0.875	0.375	85.5	4.2	32.0	32.3	82.4	7.5	72	1.0	0.699	0.0	77.8	10.9	62.2	63.2	80.0
715	R76Y_100_050$_e$	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.827	0.5	84.8	7.3	31.0	31.9	76.7	1.0	0.875	0.5	86.2	5.4	23.4	24.0	76.9	8.0	70	1.0	0.655	0.0	75.4	14.6	62.1	63.9	76.7
716	R68Y_100_037$_e$	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.838	0.625	85.8	7.7	22.6	23.8	71.1	1.0	0.875	0.625	86.9	7.3	13.2	15.1	61.1	9.3	64	1.0	0.569	0.0	71.9	20.5	60.2	63.6	71.1
717	R50Y_100_025$_e$	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.847	0.75	86.9	8.1	13.4	15.7	58.8	1.0	0.875	0.75	90.2	7.2	0.2	7.2	2.2	13.6	52	1.0	0.388	0.0	64.9	32.5	53.9	63.0	58.8
718	R00Y_100_012$_e$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	88.2	7.7	3.6	8.5	25.4	1.0	0.875	0.875	90.5	12.2	−12.2	17.3	315.0	16.6	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
719	B50R_100_012$_e$	1.0	0.875	1.0	1.0	0.125	0.937	330	0.943	0.875	1.0	87.0	6.4	−3.9	7.5	328.6	1.0	0.875	1.0	91.5	15.0	−21.0	25.9	305.4	19.6	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
720	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3	1.0	1.0	0.0	89.4	−7.1	66.3	66.7	96.1	7.1	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
721	Y00G_100_087$_e$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.941	0.125	87.8	−2.1	53.9	53.9	92.3	1.0	1.0	0.125	89.8	−6.5	58.5	58.8	96.3	6.6	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
722	Y00G_100_075$_e$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.949	0.25	88.7	−1.8	46.2	46.2	92.3	1.0	1.0	0.25	89.8	−4.4	45.5	45.7	95.6	2.9	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
723	Y00G_100_062$_e$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.958	0.375	89.6	−1.5	38.5	38.5	92.3	1.0	1.0	0.375	91.0	−4.4	36.6	36.9	96.9	3.7	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
724	Y00G_100_050$_e$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.966	0.5	90.5	−1.2	30.8	30.8	92.3	1.0	1.0	0.5	91.5	−2.9	27.0	27.2	96.3	4.2	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
725	Y00G_100_037$_e$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.974	0.625	91.5	−0.9	23.1	23.1	92.3	1.0	1.0	0.625	92.1	−1.0	16.8	16.8	93.4	6.3	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
726	Y00G_100_025$_e$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.983	0.75	92.4	−0.6	15.4	15.4	92.3	1.0	1.0	0.75	93.6	0.8	6.3	6.4	82.6	9.2	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
727	Y00G_100_012$_e$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.991	0.875	93.3	−0.3	7.7	7.7	92.3	1.0	1.0	0.875	93.8	5.0	−5.9	7.7	310.4	14.6	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
728	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta *E**' =** ***10.6***

1−0132730−F0

RE670−7N, Page 28/33−F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, Δ*E**'

input: *rgb/cmyk* −> *rgb*$_e$
output: transfer to *cmyk*$_e$

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS
TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−0132730−F0

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 29/33

n	HIC*$_{Fe}$	$rgb_{\_Fe}$			$ict_{\_Fe}$			$h_{si\_F,e}$	$rgb*_{Fe}$			$LabCh*_{Fe}$					$rgb*'_{Fe}$			$LabCh*'_{Fe}$					$DE*'_{Fe}$	$h_{siM,e}$	$rgb*_{Me}$			$LabCh*_{Me}$				
729	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.4	0.1	−0.1	0.1	305.9	0.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
730	G50B_100_012$_e$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	0.965	89.4	−4.3	−3.2	5.4	216.9	0.875	1.0	1.0	90.9	7.3	−24.1	25.2	286.9	23.9	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
731	G50B_100_025$_e$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	0.93	84.7	−8.6	−6.5	10.8	216.9	0.75	1.0	1.0	85.2	2.7	−29.9	30.0	275.2	26.0	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
732	G50B_100_037$_e$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	0.896	79.9	−13.0	−9.7	16.2	216.9	0.625	1.0	1.0	80.3	−1.0	−34.3	34.3	268.3	27.3	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
733	G50B_100_050$_e$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.861	75.1	−17.3	−13.0	21.7	216.9	0.5	1.0	1.0	74.3	−5.4	−39.1	39.5	262.1	28.6	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
734	G50B_100_062$_e$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	0.827	70.3	−21.6	−16.3	27.1	216.9	0.375	1.0	1.0	68.6	−9.7	−41.7	42.8	256.9	28.1	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
735	G50B_100_075$_e$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	0.792	65.5	−26.0	−19.5	32.5	216.9	0.25	1.0	1.0	60.5	−16.9	−44.5	47.6	249.2	27.0	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
736	G50B_100_087$_e$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	0.757	60.7	−30.3	−22.8	38.0	216.9	0.125	1.0	1.0	54.7	−21.4	−46.1	50.9	245.1	25.6	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
737	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9	0.0	1.0	1.0	51.2	−22.7	−48.3	53.4	244.8	25.6	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
738	R00Y_100_012$_e$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	88.2	7.7	3.6	8.5	25.4	1.0	0.875	0.875	90.5	12.9	−13.4	18.6	313.9	18.0	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
739	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.2	10.2	−18.5	21.1	299.0	21.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
740	G50B_087_012$_e$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.84	80.2	−4.3	−3.2	5.4	216.9	0.75	0.875	0.875	87.0	4.9	−25.5	26.0	280.9	25.0	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
741	G50B_087_025$_e$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.805	75.4	−8.6	−6.5	10.8	216.9	0.625	0.875	0.875	81.5	−0.1	−31.2	31.2	269.7	26.9	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
742	G50B_087_037$_e$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.771	70.6	−13.0	−9.7	16.2	216.9	0.5	0.875	0.875	75.6	−5.2	−35.7	36.0	261.7	27.5	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
743	G50B_087_050$_e$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.736	65.8	−17.3	−13.0	21.7	216.9	0.375	0.875	0.875	69.4	−9.5	−40.2	41.3	256.6	28.5	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
744	G50B_087_062$_e$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.702	61.0	−21.6	−16.3	27.1	216.9	0.25	0.875	0.875	64.3	−13.9	−41.5	43.8	251.4	26.5	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
745	G50B_087_075$_e$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.667	56.2	−26.0	−19.5	32.5	216.9	0.125	0.875	0.875	57.9	−20.9	−42.4	47.3	243.7	23.4	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
746	G50B_087_087$_e$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.632	51.5	−30.3	−22.8	38.0	216.9	0.0	0.875	0.875	50.7	−24.6	−46.3	52.5	242.0	24.2	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
747	R00Y_100_025$_e$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	82.1	15.4	7.3	17.1	25.4	1.0	0.75	0.75	85.4	17.4	−8.1	19.2	334.8	15.9	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
748	R00Y_087_012$_e$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	78.9	7.7	3.6	8.5	25.4	0.875	0.75	0.75	82.0	13.6	−11.4	17.7	320.1	16.4	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
749	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	79.9	8.7	−15.4	17.7	299.5	18.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
750	G50B_075_012$_e$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.715	70.9	−4.3	−3.2	5.4	216.9	0.625	0.75	0.75	77.4	3.5	−22.7	22.9	278.9	21.9	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
751	G50B_075_025$_e$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.68	66.1	−8.6	−6.5	10.8	216.9	0.5	0.75	0.75	72.4	−2.8	−28.2	28.3	264.1	23.3	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
752	G50B_075_037$_e$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.646	61.3	−13.0	−9.7	16.2	216.9	0.375	0.75	0.75	66.3	−7.9	−32.8	33.7	256.4	24.1	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
753	G50B_075_050$_e$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.611	56.5	−17.3	−13.0	21.7	216.9	0.25	0.75	0.75	60.0	−11.4	−35.4	37.2	252.0	23.4	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
754	G50B_075_062$_e$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.577	51.7	−21.6	−16.3	27.1	216.9	0.125	0.75	0.75	55.8	−17.4	−39.0	42.7	245.8	23.4	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
755	G50B_075_075$_e$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.542	47.0	−26.0	−19.5	32.5	216.9	0.0	0.75	0.75	50.7	−26.1	−44.5	51.6	239.5	25.2	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
756	R00Y_100_037$_e$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	76.1	23.1	11.0	25.6	25.4	1.0	0.625	0.625	77.5	24.0	1.8	24.0	4.3	9.3	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
757	R00Y_087_025$_e$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	72.9	15.4	7.3	17.1	25.4	0.875	0.625	0.625	75.2	17.3	−3.1	17.6	349.6	10.9	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
758	R00Y_075_012$_e$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	69.6	7.7	3.6	8.5	25.4	0.75	0.625	0.625	73.5	12.1	−8.8	15.0	323.7	13.8	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
759	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.5	7.2	−12.5	14.4	300.0	14.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
760	G50B_062_012$_e$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.59	61.6	−4.3	−3.2	5.4	216.9	0.5	0.625	0.625	66.3	1.3	−21.2	21.3	273.5	19.4	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
761	G50B_062_025$_e$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.555	56.8	−8.6	−6.5	10.8	216.9	0.375	0.625	0.625	61.8	−4.5	−25.4	25.8	259.7	19.9	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
762	G50B_062_037$_e$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.521	52.0	−13.0	−9.7	16.2	216.9	0.25	0.625	0.625	55.5	−8.4	−29.6	30.8	254.1	20.6	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
763	G50B_062_050$_e$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.486	47.3	−17.3	−13.0	21.7	216.9	0.125	0.625	0.625	51.8	−14.0	−34.3	37.1	247.7	22.0	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
764	G50B_062_062$_e$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.452	42.5	−21.6	−16.3	27.1	216.9	0.0	0.625	0.625	48.4	−23.5	−42.6	48.7	241.0	27.0	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
765	R00Y_100_050$_e$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	70.1	30.8	14.7	34.2	25.4	1.0	0.5	0.5	71.3	29.6	12.6	32.2	23.1	2.6	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
766	R00Y_087_037$_e$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	66.8	23.1	11.0	25.6	25.4	0.875	0.5	0.5	69.1	21.9	5.2	22.5	13.4	6.3	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
767	R00Y_075_025$_e$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	63.6	15.4	7.3	17.1	25.4	0.75	0.5	0.5	65.4	15.3	1.1	15.3	4.3	6.4	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
768	R00Y_062_012$_e$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	60.3	7.7	3.6	8.5	25.4	0.625	0.5	0.5	61.3	10.5	−5.3	11.8	333.0	9.5	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
769	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	58.5	5.6	−9.4	11.0	300.8	11.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
770	G50B_050_012$_e$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.465	52.3	−4.3	−3.2	5.4	216.9	0.375	0.5	0.5	55.4	−0.7	−18.4	18.4	267.7	15.8	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
771	G50B_050_025$_e$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.43	47.5	−8.6	−6.5	10.8	216.9	0.25	0.5	0.5	50.7	−6.6	−24.7	25.6	255.0	18.6	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
772	G50B_050_037$_e$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.396	42.8	−13.0	−9.7	16.2	216.9	0.125	0.5	0.5	47.4	−9.6	−30.3	31.8	252.3	21.3	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
773	G50B_050_050$_e$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.361	38.0	−17.3	−13.0	21.7	216.9	0.0	0.5	0.5	44.0	−16.6	−37.4	40.9	245.9	25.0	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
774	R00Y_100_062$_e$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	64.0	38.5	18.3	42.7	25.4	1.0	0.375	0.375	63.6	39.4	22.9	45.6	30.2	4.6	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
775	R00Y_087_050$_e$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	60.8	30.8	14.7	34.2	25.4	0.875	0.375	0.375	62.0	29.0	11.8	31.3	22.1	3.6	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
776	R00Y_075_037$_e$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	57.5	23.1	11.0	25.6	25.4	0.75	0.375	0.375	57.8	21.5	7.3	22.7	18.7	4.0	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
777	R00Y_062_025$_e$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	54.3	15.4	7.3	17.1	25.4	0.625	0.375	0.375	53.1	15.2	2.9	15.4	10.8	4.6	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
778	R00Y_050_012$_e$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	51.1	7.7	3.6	8.5	25.4	0.5	0.375	0.375	49.7	10.0	−3.3	10.5	341.5	7.5	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
779	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	49.4	4.3	−7.3	8.4	300.6	8.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
780	G50B_037_012$_e$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.34	43.0	−4.3	−3.2	5.4	216.9	0.25	0.375	0.375	45.4	−3.5	−18.3	18.6	259.1	15.3	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
781	G50B_037_025$_e$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.305	38.3	−8.6	−6.5	10.8	216.9	0.125	0.375	0.375	44.3	−7.2	−24.6	25.6	253.5	19.1	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
782	G50B_037_037$_e$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.271	33.5	−13.0	−9.7	16.2	216.9	0.0	0.375	0.375	41.4	−13.8	−29.7	32.7	245.0	21.4	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
783	R00Y_100_075$_e$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	58.0	46.3	22.0	51.3	25.4	1.0	0.25	0.25	58.5	46.4	30.9	55.8	33.7	8.9	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
784	R00Y_087_062$_e$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	54.7	38.5	18.3	42.7	25.4	0.875	0.25	0.25	56.4	36.3	20.5	41.7	29.4	3.5	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
785	R00Y_075_050$_e$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.5	30.8	14.7	34.2	25.4	0.75	0.25	0.25	51.0	28.2	14.6	31.7	27.4	2.7	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
786	R00Y_062_037$_e$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	48.3	23.1	11.0	25.6	25.4	0.625	0.25	0.25	46.3	20.5	11.4	23.5	29.1	3.2	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
787	R00Y_050_025$_e$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.25	0.249	45.0	15.4	7.3	17.1	25.4	0.5	0.25	0.25	42.8	14.2	5.9	15.4	22.8	2.9	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
788	R00Y_037_012$_e$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.25	0.249	41.8	7.7	3.6	8.5	25.4	0.375	0.25	0.25	40.2	9.9	0.1	9.9	1.1	4.4	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
789	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	38.3	2.7	−4.2	5.0	302.3	5.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
790	G50B_025_012$_e$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.215	33.8	−4.3	−3.2	5.4	216.9	0.125	0.25	0.25	37.7	−5.0	−16.7	17.4	253.1	14.0	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
791	G50B_025_025$_e$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.18	29.0	−8.6	−6.5	10.8	216.9	0.0	0.25	0.25	37.7	−9.3	−21.5	23.4	246.5	17.3	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
792	R00Y_100_087$_e$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	51.9	54.0	25.7	59.8	25.4	1.0	0.125	0.125	52.0	57.6	35.7	67.8	31.7	10.6	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
793	R00Y_087_075$_e$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	48.7	46.3	22.0	51.3	25.4	0.875	0.125	0.125	50.5	46.4	29.3	54.8	32.2	7.4	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
794	R00Y_075_062$_e$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	45.5	38.5	18.3	42.7	25.4	0.75	0.125	0.125	45.6	34.5	21.4	40.6	31.7	5.0	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
795	R00Y_062_050$_e$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	42.2	30.8	14.7	34.2	25.4	0.625	0.125	0.125	41.0	28.3	20.0	34.6	35.2	6.0	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
796	R00Y_050_037$_e$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.125	0.124	39.0	23.1	11.0	25.6	25.4	0.5	0.125	0.125	38.3	20.5	14.7	25.2	35.7	4.6	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
797	R00Y_037_025$_e$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.125	0.124	35.7	15.4	7.3	17.1	25.4	0.375	0.125	0.125	35.6	13.0	9.5	16.1	36.0	3.2	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
798	R00Y_025_012$_e$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.125	0.124	32.5	7.7	3.6	8.5	25.4	0.25	0.125	0.125	32.5	7.9	4.2	9.0	28.2	0.6	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
799	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	26.1	0.9	−1.2	1.5	305.7	3.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
800	G50B_012_012$_e$	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.09	24.5	−4.3	−3.2	5.4	216.9	0.0	0.125	0.125	31.7	−6.2	−13.1	14.4	244.6	12.3	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
801	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4	1.0	0.0	0.0	45.7	61.0	27.3	66.8	24.1	2.1	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
802	R00Y_087_087$_e$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	42.7	54.0	25.7	59.8	25.4	0.875	0.0	0.0	40.5	52.7	22.2	57.2	22.8	4.2	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
803	R00Y_075_075$_e$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	39.4	46.3	22.0	51.3	25.4	0.75	0.0	0.0	37.1	47.0	21.2	51.6	24.2	2.5	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
804	R00Y_062_062$_e$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	36.2	38.5	18.3	42.7	25.4	0.625	0.0	0.0	33.3	41.4	20.9	46.4	26.7	4.8	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
805	R00Y_050_050$_e$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	32.9	30.8	14.7	34.2	25.4	0.5	0.0	0.0	30.6	35.1	19.7	40.3	29.3	7.0	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
806	R00Y_037_037$_e$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	29.7	23.1	11.0	25.6	25.4	0.375	0.0	0.0	29.0	25.1	15.7	29.6	32.0	5.1	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
807	R00Y_025_025$_e$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	26.5	15.4	7.3	17.1	25.4	0.25	0.0	0.0	28.4	13.6	9.5	16.6	35.0	3.4	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
808	R00Y_012_012$_e$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	23.2	7.7	3.6	8.5	25.4	0.125	0.0	0.0	25.6	7.0	5.1	8.7	35.7	2.8	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
809	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.1	0.0	0.0	0.0	356.7	0.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta $E*'$ =** ***14.0***

TUB-test chart RE67; 1080 standard colours, cf=1
colors and differences, $\Delta E*'$

input: $rgb/cmyk$ −> rgb_e
output: transfer to $cmyk_e$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 30/33

n	HIC*$_{Fe}$	rgb$_{\_Fe}$			ict$_{\_Fe}$			h$_{si\_F,e}$	rgb*$_{Fe}$			LabCh*$_{Fe}$				
810	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
811	B00R_100_012$_e$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.921	1.0	87.4	0.2	−6.6	6.6	271.7
812	B00R_100_025$_e$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.842	1.0	80.7	0.4	−13.3	13.3	271.7
813	B00R_100_037$_e$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.763	1.0	73.9	0.6	−20.0	20.0	271.7
814	B00R_100_050$_e$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.684	1.0	67.1	0.8	−26.7	26.7	271.7
815	B00R_100_062$_e$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.605	1.0	60.3	1.0	−33.4	33.4	271.7
816	B00R_100_075$_e$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.526	1.0	53.5	1.2	−40.1	40.1	271.7
817	B00R_100_087$_e$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.447	1.0	46.7	1.4	−46.8	46.8	271.7
818	B00R_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
819	Y00G_100_012$_e$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.991	0.875	93.3	−0.3	7.7	7.7	92.3
820	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0
821	B00R_087_012$_e$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.796	0.875	78.2	0.2	−6.6	6.6	271.7
822	B00R_087_025$_e$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.717	0.875	71.4	0.4	−13.3	13.3	271.7
823	B00R_087_037$_e$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.638	0.875	64.6	0.6	−20.0	20.0	271.7
824	B00R_087_050$_e$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.559	0.875	57.8	0.8	−26.7	26.7	271.7
825	B00R_087_062$_e$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.48	0.875	51.0	1.0	−33.4	33.4	271.7
826	B00R_087_075$_e$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.401	0.875	44.2	1.2	−40.1	40.1	271.7
827	B00R_087_087$_e$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.322	0.875	37.5	1.4	−46.8	46.8	271.7
828	Y00G_100_025$_e$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.983	0.75	92.4	−0.6	15.4	15.4	92.3
829	Y00G_087_012$_e$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.866	0.75	84.0	−0.3	7.7	7.7	92.3
830	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0
831	B00R_075_012$_e$	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.671	0.75	68.9	0.2	−6.6	6.6	271.7
832	B00R_075_025$_e$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.592	0.75	62.1	0.4	−13.3	13.3	271.7
833	B00R_075_037$_e$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.513	0.75	55.3	0.6	−20.0	20.0	271.7
834	B00R_075_050$_e$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.434	0.75	48.5	0.8	−26.7	26.7	271.7
835	B00R_075_062$_e$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.355	0.75	41.8	1.0	−33.4	33.4	271.7
836	B00R_075_075$_e$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.276	0.75	35.0	1.2	−40.1	40.1	271.7
837	Y00G_100_037$_e$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.974	0.625	91.5	−0.9	23.1	23.1	92.3
838	Y00G_087_025$_e$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.858	0.625	83.1	−0.6	15.4	15.4	92.3
839	Y00G_075_012$_e$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.741	0.625	74.7	−0.3	7.7	7.7	92.3
840	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0
841	B00R_062_012$_e$	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.546	0.625	59.6	0.2	−6.6	6.6	271.7
842	B00R_062_025$_e$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.467	0.625	52.8	0.4	−13.3	13.3	271.7
843	B00R_062_037$_e$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.388	0.625	46.0	0.6	−20.0	20.0	271.7
844	B00R_062_050$_e$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.309	0.625	39.3	0.8	−26.7	26.7	271.7
845	B00R_062_062$_e$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.23	0.625	32.5	1.0	−33.4	33.4	271.7
846	Y00G_100_050$_e$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.966	0.5	90.5	−1.2	30.8	30.8	92.3
847	Y00G_087_037$_e$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.849	0.5	82.2	−0.9	23.1	23.1	92.3
848	Y00G_075_025$_e$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.733	0.5	73.8	−0.6	15.4	15.4	92.3
849	Y00G_062_012$_e$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.616	0.5	65.5	−0.3	7.7	7.7	92.3
850	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0
851	B00R_050_012$_e$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.421	0.5	50.3	0.2	−6.6	6.6	271.7
852	B00R_050_025$_e$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.342	0.5	43.5	0.4	−13.3	13.3	271.7
853	B00R_050_037$_e$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.263	0.5	36.8	0.6	−20.0	20.0	271.7
854	B00R_050_050$_e$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.184	0.5	30.0	0.8	−26.7	26.7	271.7
855	Y00G_100_062$_e$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.958	0.375	89.6	−1.5	38.5	38.5	92.3
856	Y00G_087_050$_e$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.841	0.375	81.3	−1.2	30.8	30.8	92.3
857	Y00G_075_037$_e$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.724	0.375	72.9	−0.9	23.1	23.1	92.3
858	Y00G_062_025$_e$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.608	0.375	64.5	−0.6	15.4	15.4	92.3
859	Y00G_050_012$_e$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.491	0.375	56.2	−0.3	7.7	7.7	92.3
860	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0
861	B00R_037_012$_e$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.296	0.375	41.0	0.2	−6.6	6.6	271.7
862	B00R_037_025$_e$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.217	0.375	34.3	0.4	−13.3	13.3	271.7
863	B00R_037_037$_e$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.138	0.375	27.5	0.6	−20.0	20.0	271.7
864	Y00G_100_075$_e$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.949	0.25	88.7	−1.8	46.2	46.2	92.3
865	Y00G_087_062$_e$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.833	0.25	80.3	−1.5	38.5	38.5	92.3
866	Y00G_075_050$_e$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.716	0.25	72.0	−1.2	30.8	30.8	92.3
867	Y00G_062_037$_e$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.599	0.25	63.6	−0.9	23.1	23.1	92.3
868	Y00G_050_025$_e$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.483	0.249	55.3	−0.6	15.4	15.4	92.3
869	Y00G_037_012$_e$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.366	0.249	46.9	−0.3	7.7	7.7	92.3
870	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0
871	B00R_025_012$_e$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.171	0.25	31.8	0.2	−6.6	6.6	271.7
872	B00R_025_025$_e$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.092	0.25	25.0	0.4	−13.3	13.3	271.7
873	Y00G_100_087$_e$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.941	0.125	87.8	−2.1	53.9	53.9	92.3
874	Y00G_087_075$_e$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.824	0.125	79.4	−1.8	46.2	46.2	92.3
875	Y00G_075_062$_e$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.708	0.125	71.1	−1.5	38.5	38.5	92.3
876	Y00G_062_050$_e$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.591	0.125	62.7	−1.2	30.8	30.8	92.3
877	Y00G_050_037$_e$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.474	0.124	54.3	−0.9	23.1	23.1	92.3
878	Y00G_037_025$_e$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.358	0.124	46.0	−0.6	15.4	15.4	92.3
879	Y00G_025_012$_e$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.241	0.124	37.6	−0.3	7.7	7.7	92.3
880	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0
881	B00R_012_012$_e$	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.046	0.125	22.5	0.2	−6.6	6.6	271.7
882	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
883	Y00G_087_087$_e$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.816	0.0	78.5	−2.1	53.9	53.9	92.3
884	Y00G_075_075$_e$	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.699	0.0	70.1	−1.8	46.2	46.2	92.3
885	Y00G_062_062$_e$	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.583	0.0	61.8	−1.5	38.5	38.5	92.3
886	Y00G_050_050$_e$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.466	0.0	53.4	−1.2	30.8	30.8	92.3
887	Y00G_037_037$_e$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.349	0.0	45.1	−0.9	23.1	23.1	92.3
888	Y00G_025_025$_e$	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.233	0.0	36.7	−0.6	15.4	15.4	92.3
889	Y00G_012_012$_e$	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.116	0.0	28.3	−0.3	7.7	7.7	92.3
890	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0

n	rgb*'$_{Fe}$			LabCh*'$_{Fe}$					DE*'$_{Fe}$	h$_{siM,e}$	rgb*$_{Me}$			LabCh*$_{Me}$				
810	1.0	1.0	1.0	94.5	0.0	−0.3	0.3	281.9	0.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
811	0.875	0.875	1.0	89.7	12.3	−23.8	26.8	297.3	21.1	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
812	0.75	0.75	1.0	80.6	12.4	−29.7	32.2	292.6	20.3	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
813	0.625	0.625	1.0	68.6	15.2	−34.8	38.0	293.6	21.4	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
814	0.5	0.5	1.0	56.6	17.6	−39.5	43.2	294.1	23.6	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
815	0.375	0.375	1.0	47.9	21.0	−42.2	47.1	296.5	25.1	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
816	0.25	0.25	1.0	39.0	24.6	−44.5	50.8	298.9	27.9	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
817	0.125	0.125	1.0	35.9	24.5	−45.2	51.4	298.5	25.6	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
818	0.0	0.0	1.0	31.8	25.2	−46.3	52.7	298.5	25.9	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
819	1.0	1.0	0.875	94.2	5.7	−7.4	9.3	307.5	16.3	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
820	0.875	0.875	0.875	90.0	10.2	−18.6	21.2	298.8	21.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
821	0.75	0.75	0.875	82.3	11.1	−24.3	26.8	294.5	21.2	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
822	0.625	0.625	0.875	71.2	13.2	−30.3	33.0	293.6	21.2	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
823	0.5	0.5	0.875	61.0	16.3	−36.7	40.2	293.9	23.2	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
824	0.375	0.375	0.875	49.5	19.7	−41.7	46.1	295.3	25.5	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
825	0.25	0.25	0.875	40.5	22.4	−44.0	49.4	297.0	26.1	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
826	0.125	0.125	0.875	36.3	22.4	−45.1	50.3	296.4	23.2	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
827	0.0	0.0	0.875	29.9	26.8	−45.8	53.1	300.3	26.5	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
828	1.0	1.0	0.75	93.7	2.2	2.3	3.2	46.0	13.4	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
829	0.875	0.875	0.75	89.6	6.2	−8.2	10.3	306.9	18.1	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
830	0.75	0.75	0.75	80.6	8.8	−15.7	18.0	299.4	18.7	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
831	0.625	0.625	0.75	71.6	10.3	−22.3	24.6	294.8	18.8	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
832	0.5	0.5	0.75	61.0	11.5	−26.2	28.6	293.6	17.0	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
833	0.375	0.375	0.75	51.7	12.7	−31.1	33.6	292.3	16.8	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
834	0.25	0.25	0.75	45.4	16.6	−36.1	39.7	294.7	18.6	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
835	0.125	0.125	0.75	39.3	18.5	−41.2	45.2	294.2	19.3	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
836	0.0	0.0	0.75	28.7	26.5	−45.7	52.8	300.0	26.6	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
837	1.0	1.0	0.625	92.2	0.6	11.9	11.9	87.0	11.3	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
838	0.875	0.875	0.625	88.6	3.3	4.7	5.8	55.3	12.5	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
839	0.75	0.75	0.625	81.0	5.7	−6.4	8.6	311.3	16.6	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
840	0.625	0.625	0.625	70.8	7.3	−12.9	14.8	299.8	15.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
841	0.5	0.5	0.625	60.6	8.9	−20.5	22.4	293.5	16.4	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
842	0.375	0.375	0.625	50.3	10.0	−25.4	27.3	291.4	15.6	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
843	0.25	0.25	0.625	44.0	12.2	−29.9	32.3	292.2	15.4	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
844	0.125	0.125	0.625	38.6	16.4	−35.1	38.8	295.1	17.7	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
845	0.0	0.0	0.625	28.1	25.9	−45.9	52.7	299.4	28.2	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
846	1.0	1.0	0.5	91.7	−1.8	22.6	22.7	94.6	8.2	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
847	0.875	0.875	0.5	87.7	0.8	16.8	16.8	87.0	8.5	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
848	0.75	0.75	0.5	80.4	1.3	8.6	8.7	81.2	9.5	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
849	0.625	0.625	0.5	71.7	3.9	−4.5	6.0	311.2	14.3	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
850	0.5	0.5	0.5	59.7	5.7	−9.8	11.4	300.3	11.7	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
851	0.375	0.375	0.5	48.8	7.3	−19.2	20.6	290.9	14.5	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
852	0.25	0.25	0.5	41.9	9.0	−24.8	26.4	290.0	14.5	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
853	0.125	0.125	0.5	36.5	11.8	−28.7	31.0	292.5	14.2	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
854	0.0	0.0	0.5	30.5	19.3	−39.0	43.5	296.3	22.2	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
855	1.0	1.0	0.375	90.9	−3.9	34.3	34.5	96.5	5.0	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
856	0.875	0.875	0.375	86.4	−1.7	29.5	29.5	93.4	5.3	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
857	0.75	0.75	0.375	79.3	−0.5	19.8	19.8	91.5	7.1	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
858	0.625	0.625	0.375	70.1	0.3	10.4	10.4	88.3	7.5	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
859	0.5	0.5	0.375	59.2	1.9	−0.3	1.9	349.6	8.8	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
860	0.375	0.375	0.375	48.8	4.2	−7.1	8.3	300.7	8.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
861	0.25	0.25	0.375	38.8	6.5	−18.6	19.7	289.3	13.6	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
862	0.125	0.125	0.375	32.8	7.9	−24.0	25.3	288.2	13.1	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
863	0.0	0.0	0.375	29.4	11.6	−29.3	31.5	291.6	14.5	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
864	1.0	1.0	0.25	89.9	−4.2	43.8	44.0	95.6	3.6	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
865	0.875	0.875	0.25	86.8	−3.2	41.3	41.4	94.5	7.2	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
866	0.75	0.75	0.25	78.7	−3.2	32.7	32.8	95.7	7.3	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
867	0.625	0.625	0.25	69.2	−2.6	23.6	23.7	96.5	5.8	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
868	0.5	0.5	0.25	59.3	−1.6	14.1	14.2	96.7	4.3	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
869	0.375	0.375	0.25	48.8	−0.5	4.7	4.7	96.7	3.5	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
870	0.25	0.25	0.25	37.2	2.6	−3.9	4.7	303.4	4.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
871	0.125	0.125	0.25	30.5	5.3	−15.8	16.7	288.7	10.6	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
872	0.0	0.0	0.25	25.1	6.7	−21.2	22.3	287.5	10.1	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
873	1.0	1.0	0.125	89.9	−6.4	57.7	58.1	96.3	6.1	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
874	0.875	0.875	0.125	87.0	−5.1	59.9	60.1	94.9	15.9	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
875	0.75	0.75	0.125	78.3	−5.0	50.3	50.5	95.7	14.2	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
876	0.625	0.625	0.125	68.7	−4.8	38.9	39.2	97.1	10.7	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
877	0.5	0.5	0.125	58.5	−4.1	28.5	28.8	98.2	7.5	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
878	0.375	0.375	0.125	49.8	−3.5	20.0	20.3	99.9	6.6	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
879	0.25	0.25	0.125	38.3	−1.6	9.2	9.3	100.0	2.1	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
880	0.125	0.125	0.125	25.3	0.8	−0.9	1.2	311.3	4.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
881	0.0	0.0	0.125	26.1	5.9	−12.4	13.7	295.7	8.8	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
882	1.0	1.0	0.0	89.5	−7.1	66.6	66.9	96.1	7.3	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
883	0.875	0.875	0.0	88.3	−6.1	72.5	72.7	94.8	21.3	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
884	0.75	0.75	0.0	79.0	−6.6	65.9	66.3	95.7	22.2	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
885	0.625	0.625	0.0	65.2	−6.3	53.2	53.5	96.7	15.8	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
886	0.5	0.5	0.0	54.8	−5.7	44.0	44.4	97.4	14.0	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
887	0.375	0.375	0.0	47.8	−5.8	32.5	33.0	100.1	10.9	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
888	0.25	0.25	0.0	39.9	−4.3	21.6	22.0	101.3	7.9	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
889	0.125	0.125	0.0	31.4	−1.9	9.6	9.8	101.5	3.9	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
890	0.0	0.0	0.0	19.8	0.0	0.0	0.0	55.6	0.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta $E^{*\prime}$ = *14.2***

1−0132930−F0

RE670−7N, Page 30/33−F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E^{*\prime}$

input: *rgb/cmyk* −> rgb_e
output: transfer to $cmyk_e$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−0132930−F0

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 31/33

n	HIC*$_{Fe}$	*rgb*_$_{Fe}$			*ict*_$_{Fe}$			$h_{si\_F,e}$	*rgb**$_{Fe}$			*LabCh**$_{Fe}$					*rgb**'$_{Fe}$			*LabCh**'$_{Fe}$					*DE**'$_{Fe}$	$h_{siM,e}$	*rgb**$_{Me}$			*LabCh**$_{Me}$				
891	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.5	0.0	−0.1	0.1	266.1	0.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
892	B50R_100_012$_e$	1.0	0.875	1.0	1.0	0.125	0.937	330	0.943	0.875	1.0	87.0	6.4	−3.9	7.5	328.6	1.0	0.875	1.0	91.1	16.2	−21.3	26.7	307.3	20.3	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
893	B50R_100_025$_e$	1.0	0.75	1.0	1.0	0.25	0.875	330	0.886	0.75	1.0	79.8	12.9	−7.9	15.1	328.6	1.0	0.75	1.0	85.5	23.6	−22.0	32.2	316.9	18.6	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
894	B50R_100_037$_e$	1.0	0.625	1.0	1.0	0.375	0.812	330	0.829	0.625	1.0	72.5	19.4	−11.8	22.7	328.6	1.0	0.625	1.0	78.5	33.1	−22.4	40.0	325.8	18.3	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
895	B50R_100_050$_e$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.772	0.5	1.0	65.3	25.9	−15.8	30.3	328.6	1.0	0.5	1.0	72.0	41.7	−22.2	47.3	332.0	18.3	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
896	B50R_100_062$_e$	1.0	0.375	1.0	1.0	0.625	0.687	330	0.715	0.375	1.0	58.1	32.3	−19.7	37.9	328.6	1.0	0.375	1.0	65.7	51.4	−21.9	55.9	336.8	20.6	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
897	B50R_100_075$_e$	1.0	0.25	1.0	1.0	0.75	0.625	330	0.658	0.25	1.0	50.9	38.8	−23.7	45.5	328.6	1.0	0.25	1.0	58.2	60.2	−20.8	63.7	340.9	22.8	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
898	B50R_100_087$_e$	1.0	0.125	1.0	1.0	0.875	0.562	330	0.601	0.125	1.0	43.6	45.3	−27.6	53.1	328.6	1.0	0.125	1.0	50.4	69.9	−17.7	72.1	345.7	27.4	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
899	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6	1.0	0.0	1.0	46.2	71.1	−16.4	73.0	346.9	26.4	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
900	G00B_100_012$_e$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.882	89.2	−7.3	2.3	7.7	162.2	0.875	1.0	0.875	91.5	4.6	−14.3	15.0	288.0	20.6	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
901	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.7	10.2	−18.7	21.3	298.7	21.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
902	B50R_087_012$_e$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.818	0.75	0.875	77.7	6.4	−3.9	7.5	328.6	0.875	0.75	0.875	84.1	17.4	−21.2	27.4	309.4	21.4	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
903	B50R_087_025$_e$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.761	0.625	0.875	70.5	12.9	−7.9	15.1	328.6	0.875	0.625	0.875	77.1	25.8	−21.9	33.8	319.6	20.1	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
904	B50R_087_037$_e$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.704	0.5	0.875	63.3	19.4	−11.8	22.7	328.6	0.875	0.5	0.875	69.6	34.2	−22.7	41.1	326.3	19.5	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
905	B50R_087_050$_e$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.647	0.375	0.875	56.0	25.9	−15.8	30.3	328.6	0.875	0.375	0.875	62.7	42.7	−23.1	48.6	331.5	19.6	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
906	B50R_087_062$_e$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.59	0.25	0.875	48.8	32.3	−19.7	37.9	328.6	0.875	0.25	0.875	56.1	50.7	−22.2	55.4	336.2	19.9	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
907	B50R_087_075$_e$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.533	0.125	0.875	41.6	38.8	−23.7	45.5	328.6	0.875	0.125	0.875	48.3	62.0	−22.0	65.8	340.4	24.2	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
908	B50R_087_087$_e$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.476	0.0	0.875	34.3	45.3	−27.6	53.1	328.6	0.875	0.0	0.875	42.8	63.4	−18.5	66.1	343.7	22.0	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
909	G00B_100_025$_e$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.765	84.1	−14.6	4.7	15.4	162.2	0.75	1.0	0.75	87.6	−3.4	−7.6	8.3	245.7	17.0	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
910	G00B_087_012$_e$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.757	79.9	−7.3	2.3	7.7	162.2	0.75	0.875	0.75	87.0	1.2	−11.2	11.2	276.3	17.5	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
911	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	79.9	8.6	−15.4	17.7	299.3	18.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
912	B50R_075_012$_e$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.693	0.625	0.75	68.4	6.4	−3.9	7.5	328.6	0.75	0.625	0.75	73.5	16.4	−18.6	24.9	311.3	18.5	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
913	B50R_075_025$_e$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.636	0.5	0.75	61.2	12.9	−7.9	15.1	328.6	0.75	0.5	0.75	65.6	24.8	−19.2	31.3	322.2	16.9	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
914	B50R_075_037$_e$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.579	0.375	0.75	54.0	19.4	−11.8	22.7	328.6	0.75	0.375	0.75	58.2	32.2	−19.0	37.4	329.4	15.3	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
915	B50R_075_050$_e$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.522	0.25	0.75	46.8	25.9	−15.8	30.3	328.6	0.75	0.25	0.75	51.4	41.2	−19.3	45.5	334.9	16.4	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
916	B50R_075_062$_e$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.465	0.125	0.75	39.5	32.3	−19.7	37.9	328.6	0.75	0.125	0.75	45.0	50.4	−18.0	53.5	340.3	18.9	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
917	B50R_075_075$_e$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.408	0.0	0.75	32.3	38.8	−23.7	45.5	328.6	0.75	0.0	0.75	37.8	57.4	−17.4	60.0	343.0	20.3	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
918	G00B_100_037$_e$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.648	79.1	−22.0	7.0	23.1	162.2	0.625	1.0	0.625	81.5	−12.2	−1.9	12.3	188.9	13.5	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
919	G00B_087_025$_e$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.64	74.8	−14.6	4.7	15.4	162.2	0.625	0.875	0.625	80.9	−7.4	−4.6	8.7	211.8	13.2	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
920	G00B_075_012$_e$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.632	70.6	−7.3	2.3	7.7	162.2	0.625	0.75	0.625	75.9	−0.6	−9.1	9.1	266.0	14.3	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
921	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	68.7	7.1	−12.4	14.4	299.8	14.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
922	B50R_062_012$_e$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.568	0.5	0.625	59.2	6.4	−3.9	7.5	328.6	0.625	0.5	0.625	63.1	14.9	−16.0	21.9	312.9	15.2	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
923	B50R_062_025$_e$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.511	0.375	0.625	51.9	12.9	−7.9	15.1	328.6	0.625	0.375	0.625	54.7	23.0	−16.3	28.2	324.5	13.4	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
924	B50R_062_037$_e$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.454	0.25	0.625	44.7	19.4	−11.8	22.7	328.6	0.625	0.25	0.625	48.0	32.3	−17.1	36.6	331.9	14.3	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
925	B50R_062_050$_e$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.397	0.125	0.625	37.5	25.9	−15.8	30.3	328.6	0.625	0.125	0.625	41.1	40.9	−16.0	43.9	338.5	15.4	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
926	B50R_062_062$_e$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.34	0.0	0.625	30.2	32.3	−19.7	37.9	328.6	0.625	0.0	0.625	34.2	49.5	−14.9	51.7	343.1	18.2	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
927	G00B_100_050$_e$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.531	74.0	−29.3	9.4	30.8	162.2	0.5	1.0	0.5	75.1	−21.6	2.7	21.7	172.8	10.3	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
928	G00B_087_037$_e$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.523	69.8	−22.0	7.0	23.1	162.2	0.5	0.875	0.5	74.3	−19.5	0.7	19.5	177.8	8.1	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
929	G00B_075_025$_e$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.515	65.6	−14.6	4.7	15.4	162.2	0.5	0.75	0.5	69.7	−8.8	−3.7	9.5	203.2	11.1	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
930	G00B_062_012$_e$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.507	61.3	−7.3	2.3	7.7	162.2	0.5	0.625	0.5	65.5	−2.0	−7.6	7.9	255.1	12.0	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
931	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	57.9	5.4	−9.3	10.8	300.1	10.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
932	B50R_050_012$_e$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.443	0.375	0.5	49.9	6.4	−3.9	7.5	328.6	0.5	0.375	0.5	50.2	14.0	−13.3	19.4	316.4	12.1	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
933	B50R_050_025$_e$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.386	0.249	0.5	42.6	12.9	−7.9	15.1	328.6	0.5	0.25	0.5	43.8	23.6	−14.2	27.5	328.8	12.4	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
934	B50R_050_037$_e$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.329	0.124	0.5	35.4	19.4	−11.8	22.7	328.6	0.5	0.125	0.5	37.5	31.9	−13.7	34.7	336.6	12.8	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
935	B50R_050_050$_e$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.272	0.0	0.5	28.2	25.9	−15.8	30.3	328.6	0.5	0.0	0.5	31.2	40.6	−12.1	42.4	343.3	15.4	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
936	G00B_100_062$_e$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.414	69.0	−36.7	11.7	38.5	162.2	0.375	1.0	0.375	68.1	−32.4	9.2	33.7	164.0	5.0	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
937	G00B_087_050$_e$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.406	64.7	−29.3	9.4	30.8	162.2	0.375	0.875	0.375	69.3	−29.8	7.1	30.6	166.4	5.0	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
938	G00B_075_037$_e$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.398	60.5	−22.0	7.0	23.1	162.2	0.375	0.75	0.375	63.3	−20.0	2.6	20.2	172.3	5.5	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
939	G00B_062_025$_e$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.39	56.3	−14.6	4.7	15.4	162.2	0.375	0.625	0.375	58.1	−13.1	−1.2	13.1	185.3	6.4	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
940	G00B_050_012$_e$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.382	52.1	−7.3	2.3	7.7	162.2	0.375	0.5	0.375	53.0	−4.2	−4.1	5.8	224.3	7.2	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
941	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	47.1	3.9	−6.6	7.7	301.0	7.7	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
942	B50R_037_012$_e$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.318	0.249	0.375	40.6	6.4	−3.9	7.5	328.6	0.375	0.25	0.375	39.8	13.9	−10.6	17.4	322.6	10.0	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
943	B50R_037_025$_e$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.261	0.124	0.375	33.4	12.9	−7.9	15.1	328.6	0.375	0.125	0.375	34.7	23.3	−11.2	25.9	334.2	11.0	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
944	B50R_037_037$_e$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.204	0.0	0.375	26.1	19.4	−11.8	22.7	328.6	0.375	0.0	0.375	29.6	31.4	−10.5	33.1	341.4	12.6	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
945	G00B_100_075$_e$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.297	63.9	−44.0	14.1	46.2	162.2	0.25	1.0	0.25	62.5	−41.8	13.8	44.0	161.6	2.6	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
946	G00B_087_062$_e$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.289	59.7	−36.7	11.7	38.5	162.2	0.25	0.875	0.25	64.8	−38.4	12.4	40.3	162.0	5.4	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
947	G00B_075_050$_e$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.281	55.5	−29.3	9.4	30.8	162.2	0.25	0.75	0.25	57.8	−27.4	7.5	28.4	164.6	3.5	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
948	G00B_062_037$_e$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.273	51.2	−22.0	7.0	23.1	162.2	0.25	0.625	0.25	52.3	−21.7	4.6	22.2	168.0	2.7	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
949	G00B_050_025$_e$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.265	47.0	−14.6	4.7	15.4	162.2	0.25	0.5	0.25	46.8	−14.3	1.4	14.4	174.3	3.3	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
950	G00B_037_012$_e$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.257	42.8	−7.3	2.3	7.7	162.2	0.25	0.375	0.25	42.7	−6.4	−1.4	6.6	192.5	3.8	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
951	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	34.8	2.2	−3.3	3.9	303.8	5.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
952	B50R_025_012$_e$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.193	0.124	0.25	31.3	6.4	−3.9	7.5	328.6	0.25	0.125	0.25	30.7	12.5	−7.5	14.6	328.7	7.0	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
953	B50R_025_025$_e$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.136	0.0	0.25	24.1	12.9	−7.9	15.1	328.6	0.25	0.0	0.25	27.2	20.4	−8.5	22.1	337.3	8.1	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
954	G00B_100_087$_e$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.18	58.9	−51.3	16.4	53.9	162.2	0.125	1.0	0.125	57.4	−52.0	19.0	55.4	159.8	3.0	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
955	G00B_087_075$_e$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.172	54.6	−44.0	14.1	46.2	162.2	0.125	0.875	0.125	59.3	−48.3	17.8	51.5	159.6	7.3	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
956	G00B_075_062$_e$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.164	50.4	−36.7	11.7	38.5	162.2	0.125	0.75	0.125	54.0	−35.8	12.2	37.8	161.0	3.7	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
957	G00B_062_050$_e$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.156	46.2	−29.3	9.4	30.8	162.2	0.125	0.625	0.125	48.8	−30.5	9.5	31.9	162.5	2.8	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
958	G00B_050_037$_e$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.148	42.0	−22.0	7.0	23.1	162.2	0.125	0.5	0.125	42.8	−23.3	5.9	24.1	165.6	1.9	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
959	G00B_037_025$_e$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.14	37.7	−14.6	4.7	15.4	162.2	0.125	0.375	0.125	37.9	−17.7	2.9	17.9	170.6	3.5	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
960	G00B_025_012$_e$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.132	33.5	−7.3	2.3	7.7	162.2	0.125	0.25	0.125	35.4	−7.5	1.4	7.6	168.9	2.0	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
961	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	23.2	0.5	−0.4	0.7	316.5	6.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
962	B50R_012_012$_e$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.068	0.0	0.125	22.0	6.4	−3.9	7.5	328.6	0.125	0.0	0.125	25.2	10.3	−4.4	11.2	336.6	4.9	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
963	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2	0.0	1.0	0.0	54.8	−57.4	23.3	61.9	157.9	4.7	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
964	G00B_087_087$_e$	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.055	49.6	−51.3	16.4	53.9	162.2	0.0	0.875	0.0	52.4	−62.8	22.7	66.8	160.1	13.3	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
965	G00B_075_075$_e$	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.047	45.4	−44.0	14.1	46.2	162.2	0.0	0.75	0.0	50.2	−64.1	21.2	67.5	161.6	21.8	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
966	G00B_062_062$_e$	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.039	41.1	−36.7	11.7	38.5	162.2	0.0	0.625	0.0	46.3	−59.4	19.1	62.4	162.1	24.4	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
967	G00B_050_050$_e$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.031	36.9	−29.3	9.4	30.8	162.2	0.0	0.5	0.0	41.5	−53.4	16.3	55.9	162.9	25.4	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
968	G00B_037_037$_e$	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.023	32.7	−22.0	7.0	23.1	162.2	0.0	0.375	0.0	37.3	−30.3	8.2	31.4	164.7	9.6	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
969	G00B_025_025$_e$	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.015	28.5	−14.6	4.7	15.4	162.2	0.0	0.25	0.0	32.9	−17.7	3.2	18.0	169.6	5.6	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
970	G00B_012_012$_e$	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.007	24.2	−7.3	2.3	7.7	162.2	0.0	0.125	0.0	29.6	−5.7	2.3	6.2	157.6	5.6	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
971	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5	0.1	−0.1	0.1	316.8	0.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta *E**' =** ***12.5***

1−0133030−F0

RE670−7N, Page 31/33−F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E^{*\prime}$

input: *rgb/cmyk* −> *rgb*$_e$
output: transfer to *cmyk*$_e$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−0133030−F0

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 32/33

n	HIC*$_{Fe}$	rgb_$_{Fe}$			ict_$_{Fe}$			$h_{si\_F,e}$	rgb*$_{Fe}$			LabCh*$_{Fe}$					rgb*'$_{Fe}$			LabCh*'$_{Fe}$					DE*'$_{Fe}$	$h_{siM,e}$	rgb*$_{Me}$			LabCh*$_{Me}$				
972	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.2	0.0	0.0	0.0	293.6	0.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
973	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	24.9	0.7	−0.8	1.1	310.5	4.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
974	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	36.1	2.4	−3.6	4.3	303.7	4.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
975	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	48.0	4.1	−6.4	7.6	302.4	7.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
976	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	58.3	5.6	−9.2	10.8	301.2	10.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
977	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.6	7.2	−12.3	14.3	300.3	14.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
978	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	80.4	8.9	−15.8	18.1	299.3	18.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
979	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.9	10.2	−18.4	21.1	298.9	21.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
980	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.3	0.0	0.0	0.0	285.3	0.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
981	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.1	0.0	0.0	0.0	11.0	0.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
982	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	25.2	0.8	−1.0	1.3	307.3	4.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
983	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	36.5	2.5	−3.6	4.4	304.4	4.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
984	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	47.9	4.1	−6.6	7.8	302.0	7.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
985	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	58.2	5.6	−9.4	10.9	301.0	11.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
986	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	70.0	7.3	−12.8	14.8	299.7	15.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
987	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	80.5	8.9	−15.9	18.2	299.3	18.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
988	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	90.1	10.3	−18.8	21.4	298.8	22.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
989	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.4	0.0	−0.1	0.1	289.1	0.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
990	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.7	0.0	0.1	0.2	111.4	0.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
991	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	23.2	0.5	−0.5	0.7	316.5	6.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
992	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	36.0	2.4	−3.5	4.2	304.3	4.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
993	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	47.2	4.0	−6.6	7.7	301.7	7.7	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
994	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	58.4	5.6	−9.4	10.9	300.9	11.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
995	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.9	7.3	−12.7	14.6	299.9	15.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
996	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	80.9	8.9	−15.8	18.2	299.3	18.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
997	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	90.0	10.3	−18.7	21.4	298.8	22.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
998	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.4	0.0	0.0	0.0	290.1	0.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
999	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	96.0	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1000	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	29.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	22.0	0.3	−0.2	0.4	318.6	7.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1001	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	38.5	0.0	0.0	0.0	0.0	0.25	0.25	0.25	34.7	2.2	−3.2	3.9	304.2	5.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1002	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	47.6	3.9	−6.5	7.6	301.2	7.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1003	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.1	0.0	0.0	0.0	0.0	0.5	0.5	0.5	58.8	5.5	−9.5	11.0	300.4	11.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1004	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.4	0.0	0.0	0.0	0.0	0.625	0.625	0.625	70.3	7.2	−12.6	14.5	299.9	15.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1005	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	75.7	0.0	0.0	0.0	0.0	0.75	0.75	0.75	80.8	8.8	−15.7	18.0	299.2	18.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1006	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	84.9	0.0	0.0	0.0	0.0	0.875	0.875	0.875	90.1	10.2	−18.4	21.1	298.9	21.7	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1007	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.5	0.0	0.1	0.1	92.5	0.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1008	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.6	0.0	−0.1	0.1	234.8	0.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1009	NW_006$_e$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	24.9	0.0	0.0	0.0	0.0	0.066	0.066	0.066	21.5	0.3	−0.3	0.4	307.8	3.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1010	NW_013$_e$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	29.9	0.0	0.0	0.0	0.0	0.133	0.133	0.133	25.7	0.9	−1.1	1.4	309.1	4.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1011	NW_020$_e$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	34.8	0.0	0.0	0.0	0.0	0.2	0.2	0.2	32.5	1.9	−2.7	3.3	305.4	4.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1012	NW_026$_e$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	39.7	0.0	0.0	0.0	0.0	0.266	0.266	0.266	39.9	3.0	−4.4	5.3	304.0	5.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1013	NW_033$_e$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	44.7	0.0	0.0	0.0	0.0	0.333	0.333	0.333	44.7	3.6	−5.7	6.8	302.7	6.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1014	NW_040$_e$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	49.7	0.0	0.0	0.0	0.0	0.4	0.4	0.4	50.8	4.5	−7.2	8.5	301.9	8.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1015	NW_046$_e$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	54.6	0.0	0.0	0.0	0.0	0.466	0.466	0.466	55.5	5.1	−8.4	9.9	301.4	9.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1016	NW_053$_e$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	59.6	0.0	0.0	0.0	0.0	0.533	0.533	0.533	61.6	6.1	−10.1	11.8	301.0	12.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1017	NW_060$_e$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.5	0.0	0.0	0.0	0.0	0.6	0.6	0.6	68.0	6.9	−12.0	13.9	300.1	14.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1018	NW_066$_e$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.0	0.666	0.666	0.666	73.4	7.8	−13.6	15.7	299.7	16.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1019	NW_073$_e$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.5	0.0	0.0	0.0	0.0	0.734	0.734	0.734	78.9	8.6	−15.2	17.4	299.6	18.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1020	NW_080$_e$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.4	0.0	0.0	0.0	0.0	0.8	0.8	0.8	83.9	9.3	−16.6	19.0	299.2	19.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1021	NW_086$_e$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	84.3	0.0	0.0	0.0	0.0	0.866	0.866	0.866	88.3	9.9	−18.0	20.6	298.9	21.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1022	NW_093$_e$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.2	0.0	0.0	0.0	0.0	0.933	0.933	0.933	92.2	10.5	−19.3	22.0	298.6	22.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1023	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.3	0.0	0.0	0.0	140.0	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1024	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.2	0.0	−0.2	0.2	281.0	0.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1025	NW_006$_e$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	24.9	0.0	0.0	0.0	0.0	0.066	0.066	0.066	21.5	0.3	−0.3	0.5	308.1	3.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1026	NW_013$_e$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	29.9	0.0	0.0	0.0	0.0	0.133	0.133	0.133	26.0	0.9	−1.2	1.6	307.5	4.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1027	NW_020$_e$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	34.8	0.0	0.0	0.0	0.0	0.2	0.2	0.2	32.1	1.8	−2.6	3.2	305.9	4.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1028	NW_026$_e$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	39.7	0.0	0.0	0.0	0.0	0.266	0.266	0.266	39.6	2.9	−4.4	5.3	303.4	5.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1029	NW_033$_e$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	44.7	0.0	0.0	0.0	0.0	0.333	0.333	0.333	44.8	3.7	−5.7	6.8	302.7	6.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1030	NW_040$_e$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	49.7	0.0	0.0	0.0	0.0	0.4	0.4	0.4	50.2	4.4	−7.1	8.4	302.0	8.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1031	NW_046$_e$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	54.6	0.0	0.0	0.0	0.0	0.466	0.466	0.466	56.2	5.3	−8.8	10.3	301.2	10.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1032	NW_053$_e$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	59.6	0.0	0.0	0.0	0.0	0.533	0.533	0.533	62.2	6.1	−10.4	12.1	300.5	12.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1033	NW_060$_e$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.5	0.0	0.0	0.0	0.0	0.6	0.6	0.6	67.9	7.0	−12.1	14.0	300.1	14.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1034	NW_066$_e$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.0	0.666	0.666	0.666	73.0	7.8	−13.6	15.7	299.7	16.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1035	NW_073$_e$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.5	0.0	0.0	0.0	0.0	0.734	0.734	0.734	78.8	8.6	−15.3	17.6	299.4	18.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1036	NW_080$_e$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.4	0.0	0.0	0.0	0.0	0.8	0.8	0.8	83.6	9.3	−16.7	19.1	299.3	19.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1037	NW_086$_e$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	84.3	0.0	0.0	0.0	0.0	0.866	0.866	0.866	88.1	10.0	−18.0	20.6	299.0	20.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1038	NW_093$_e$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.2	0.0	0.0	0.0	0.0	0.933	0.933	0.933	92.1	10.6	−19.4	22.2	298.6	22.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1039	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	94.3	0.0	−0.2	0.2	272.0	0.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1040	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4	0.0	0.0	0.1	241.0	0.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1041	NW_006$_e$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	24.9	0.0	0.0	0.0	0.0	0.066	0.066	0.066	21.4	0.2	−0.3	0.3	308.9	3.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1042	NW_013$_e$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	29.9	0.0	0.0	0.0	0.0	0.133	0.133	0.133	25.6	0.9	−1.1	1.5	309.6	4.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1043	NW_020$_e$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	34.8	0.0	0.0	0.0	0.0	0.2	0.2	0.2	32.6	1.9	−2.7	3.3	305.5	4.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1044	NW_026$_e$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	39.7	0.0	0.0	0.0	0.0	0.266	0.266	0.266	39.5	2.9	−4.5	5.4	302.8	5.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1045	NW_033$_e$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	44.7	0.0	0.0	0.0	0.0	0.333	0.333	0.333	44.5	3.6	−5.7	6.7	302.4	6.7	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1046	NW_040$_e$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	49.7	0.0	0.0	0.0	0.0	0.4	0.4	0.4	51.4	4.6	−7.6	8.9	301.5	9.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1047	NW_046$_e$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	54.6	0.0	0.0	0.0	0.0	0.466	0.466	0.466	56.0	5.2	−8.7	10.2	301.2	10.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1048	NW_053$_e$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	59.6	0.0	0.0	0.0	0.0	0.533	0.533	0.533	61.7	6.1	−10.3	12.0	300.6	12.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1049	NW_060$_e$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.5	0.0	0.0	0.0	0.0	0.6	0.6	0.6	67.6	6.9	−11.9	13.7	300.2	14.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1050	NW_066$_e$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.0	0.666	0.666	0.666	73.2	7.8	−13.6	15.6	299.9	16.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1051	NW_073$_e$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.5	0.0	0.0	0.0	0.0	0.734	0.734	0.734	78.9	8.5	−15.0	17.3	299.6	17.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1052	NW_080$_e$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.4	0.0	0.0	0.0	0.0	0.8	0.8	0.8	83.7	9.4	−16.7	19.2	299.2	19.6	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta *E**' = *9.8***

1-0133130-F0 RE670-7N, Page 32/33-F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, Δ*E**'

input: *rgb/cmyk* −> *rgb*$_e$
output: transfer to *cmyk*$_e$

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RE67/RE67L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 33/33

n	HIC^{*}_{Fe}	$rgb_{\_Fe}$			$ict_{\_Fe}$			$h_{si\_F,e}$	rgb^{*}_{Fe}			$LabCh^{*}_{Fe}$				
1053	NW_086$_e$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	84.3	0.0	0.0	0.0	0.0
1054	NW_093$_e$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.2	0.0	0.0	0.0	0.0
1055	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1056	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0
1057	NW_006$_e$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	24.9	0.0	0.0	0.0	0.0
1058	NW_013$_e$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	29.9	0.0	0.0	0.0	0.0
1059	NW_020$_e$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	34.8	0.0	0.0	0.0	0.0
1060	NW_026$_e$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	39.7	0.0	0.0	0.0	0.0
1061	NW_033$_e$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	44.7	0.0	0.0	0.0	0.0
1062	NW_040$_e$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	49.7	0.0	0.0	0.0	0.0
1063	NW_046$_e$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	54.6	0.0	0.0	0.0	0.0
1064	NW_053$_e$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	59.6	0.0	0.0	0.0	0.0
1065	NW_060$_e$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.5	0.0	0.0	0.0	0.0
1066	NW_066$_e$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.0
1067	NW_073$_e$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.5	0.0	0.0	0.0	0.0
1068	NW_080$_e$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.4	0.0	0.0	0.0	0.0
1069	NW_086$_e$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	84.3	0.0	0.0	0.0	0.0
1070	NW_093$_e$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	89.2	0.0	0.0	0.0	0.0
1071	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1072	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0
1073	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1074	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
1075	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
1076	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
1077	B00R_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
1078	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
1079	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6

n	$rgb^{*\prime}_{Fe}$			$LabCh^{*\prime}_{Fe}$					$DE^{*\prime}_{Fe}$	$h_{siM,e}$	rgb^{*}_{Me}			$LabCh^{*}_{Me}$				
1053	0.866	0.866	0.866	88.1	9.9	−17.7	20.3	299.1	20.7	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1054	0.933	0.933	0.933	92.3	10.6	−19.5	22.2	298.6	22.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1055	1.0	1.0	1.0	94.3	0.0	0.1	0.1	111.8	0.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1056	0.0	0.0	0.0	19.6	−0.1	−0.1	0.1	221.8	0.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1057	0.066	0.066	0.066	21.4	0.2	−0.3	0.4	307.3	3.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1058	0.133	0.133	0.133	25.7	0.9	−1.3	1.5	304.7	4.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1059	0.2	0.2	0.2	32.9	1.9	−2.9	3.5	303.8	4.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1060	0.266	0.266	0.266	39.9	2.9	−4.6	5.4	302.8	5.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1061	0.333	0.333	0.333	44.0	3.5	−5.7	6.7	301.7	6.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1062	0.4	0.4	0.4	51.1	4.5	−7.4	8.7	301.2	8.8	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1063	0.466	0.466	0.466	56.3	5.3	−8.8	10.2	301.0	10.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1064	0.533	0.533	0.533	62.2	6.1	−10.3	12.0	300.5	12.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1065	0.6	0.6	0.6	68.0	6.9	−12.1	13.9	299.9	14.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1066	0.666	0.666	0.666	73.8	7.8	−13.7	15.7	299.6	16.3	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1067	0.734	0.734	0.734	79.3	8.6	−15.3	17.5	299.5	18.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1068	0.8	0.8	0.8	83.8	9.3	−16.4	18.9	299.4	19.4	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1069	0.866	0.866	0.866	88.3	9.9	−17.9	20.5	299.0	20.9	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1070	0.933	0.933	0.933	92.1	10.5	−19.1	21.8	298.8	22.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1071	1.0	1.0	1.0	94.3	0.0	0.0	0.0	93.7	0.1	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1072	0.0	0.0	0.0	19.9	0.0	0.0	0.0	64.5	0.0	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1073	1.0	1.0	1.0	94.4	0.0	0.0	0.0	81.8	0.2	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1074	1.0	0.0	0.0	45.2	60.6	27.0	66.4	24.0	2.6	30	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
1075	0.0	1.0	1.0	51.7	−24.1	−46.7	52.5	242.7	23.5	194	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
1076	1.0	1.0	0.0	89.7	−7.3	68.1	68.5	96.1	8.6	86	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
1077	0.0	0.0	1.0	32.0	24.9	−46.4	52.7	298.2	25.6	248	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
1078	0.0	1.0	0.0	53.6	−58.4	21.7	62.3	159.5	2.9	153	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
1079	1.0	0.0	1.0	46.5	70.8	−16.5	72.7	346.8	26.2	302	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6

Mean color difference of this page: **delta $E^{*\prime}$ = *11.1***

1−0133230−F0

RE670−7N, Page 33/33−F

TUB-test chart RE67; 1080 standard colours, *cf*=1
colors and differences, $\Delta E^{*\prime}$

input: *rgb/cmyk* −> rgb_e
output: transfer to $cmyk_e$

1−0133230−F0

TUB registration: 20150701-RE67/RE67L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

see similar files: http://130.149.60.45/~farbmetrik/RE67/RE67.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik