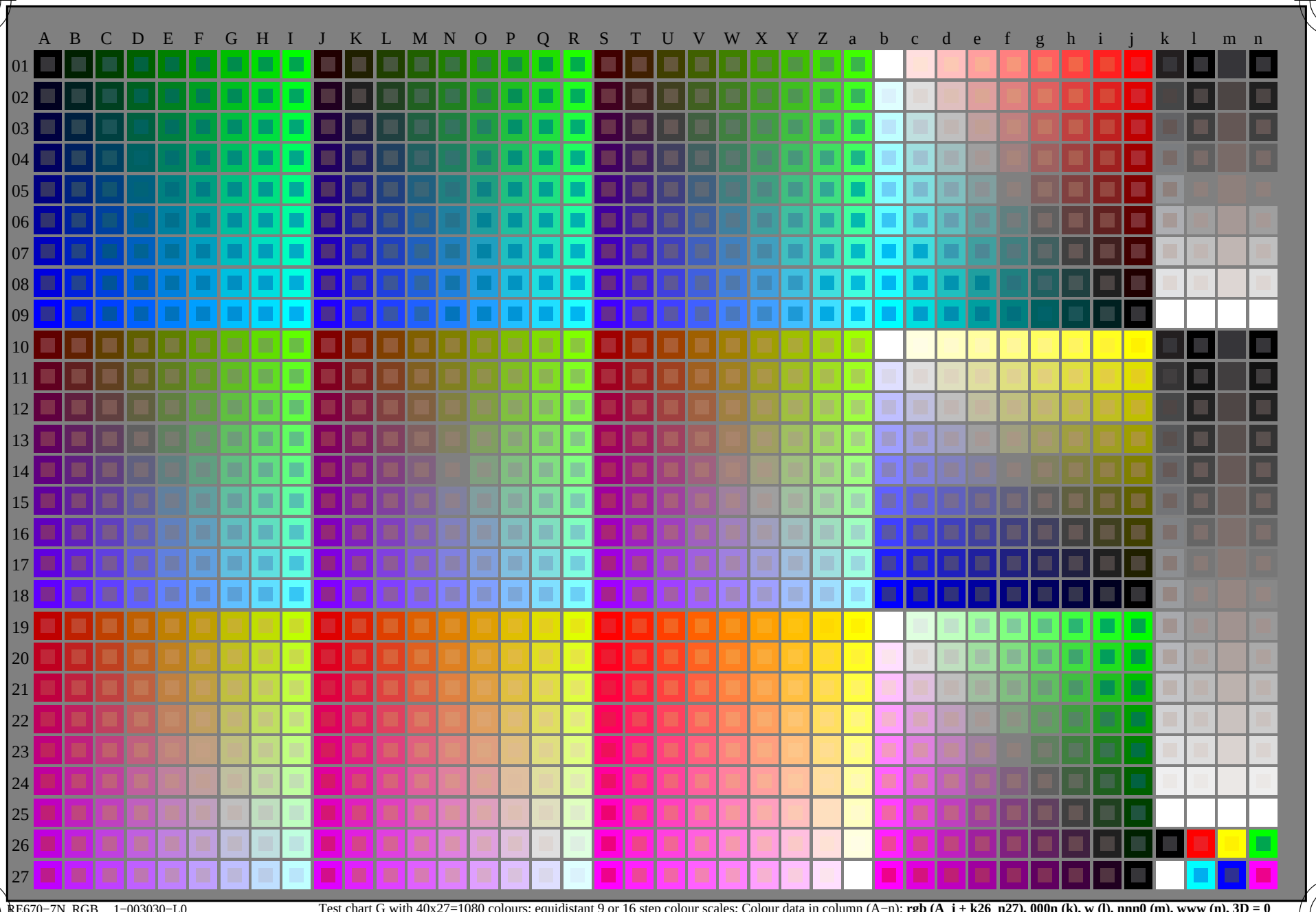


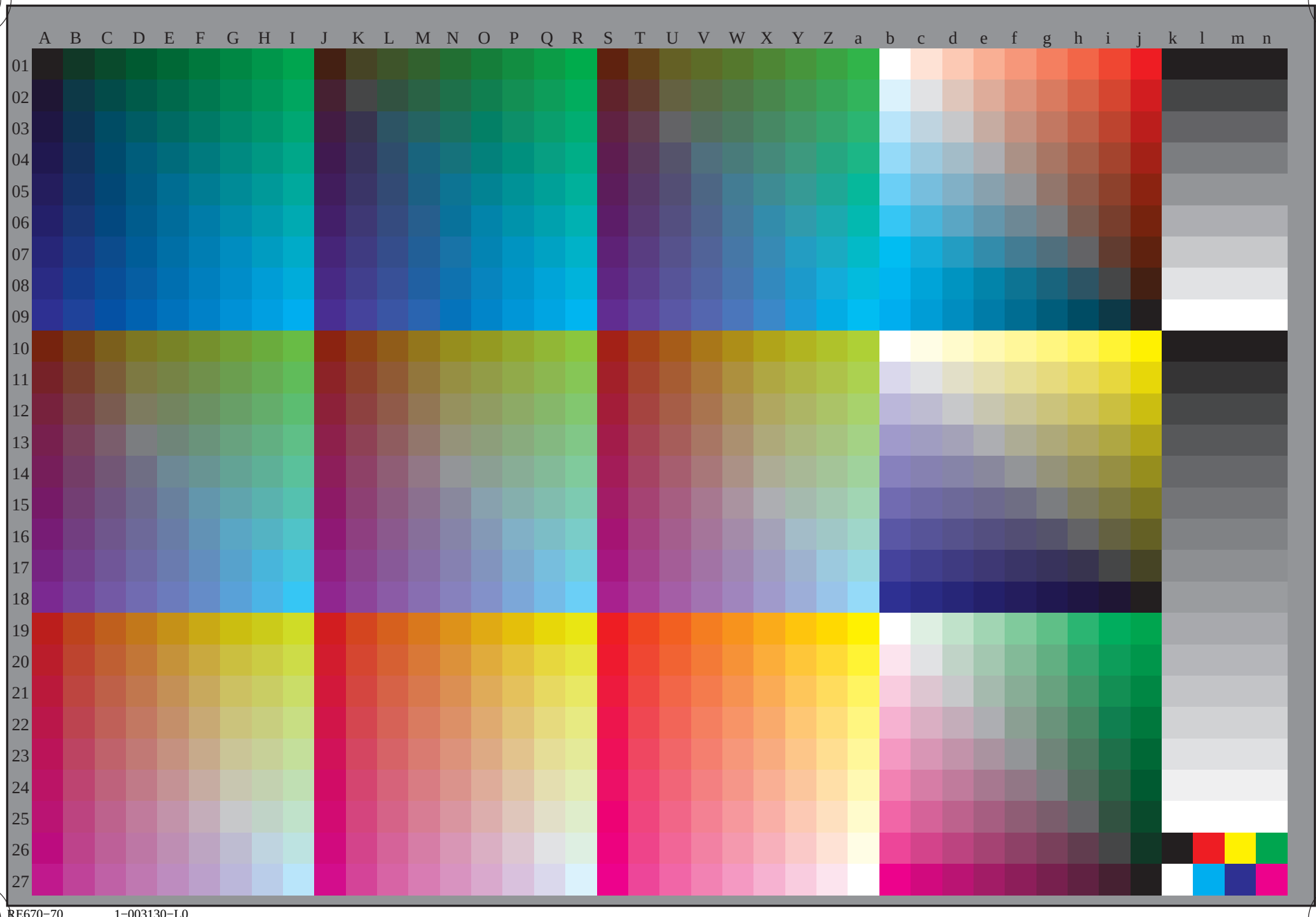
RE670−7N_RGB 1−003030−L0

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

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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/RE67L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

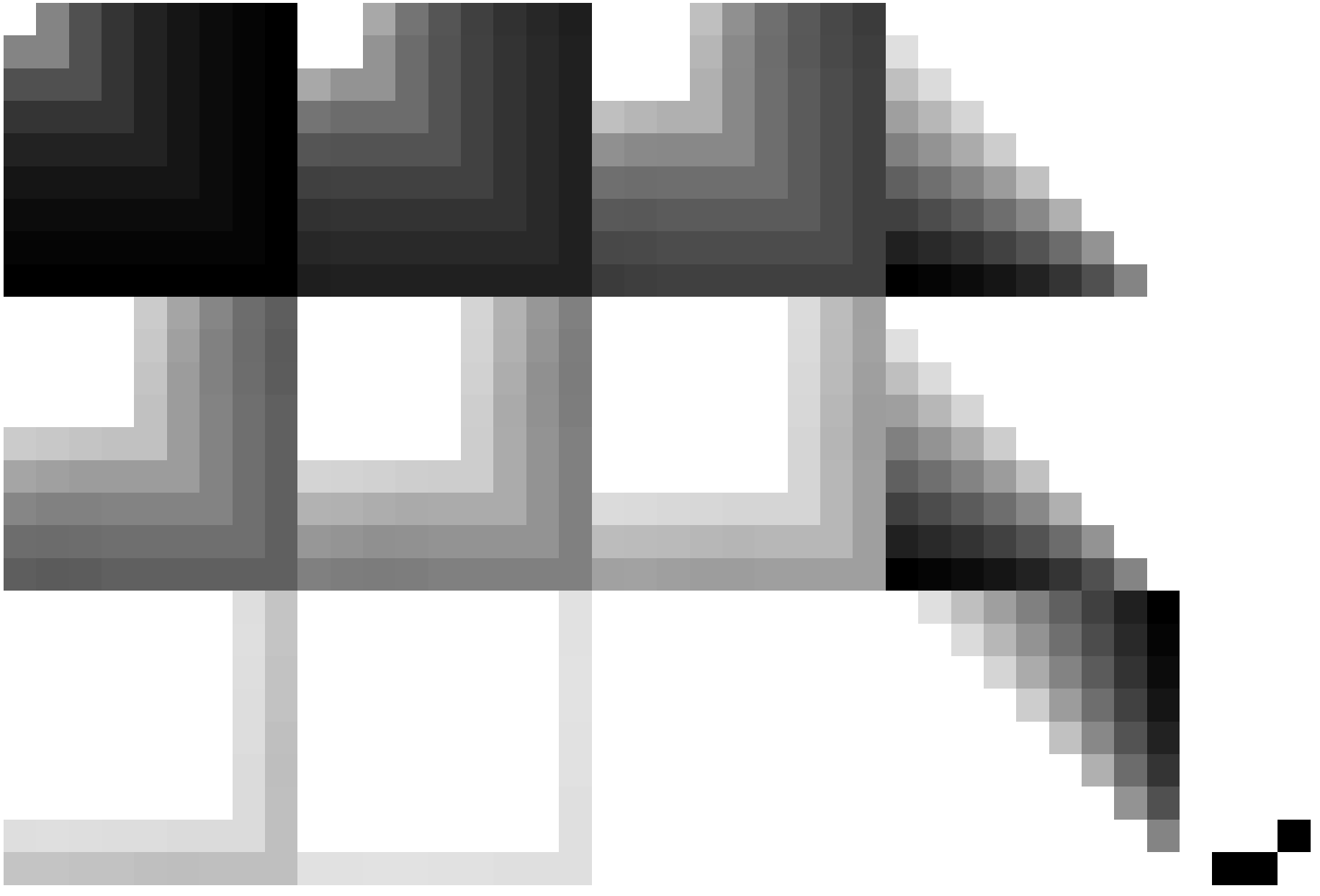
TUB material: code=rha4ta

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

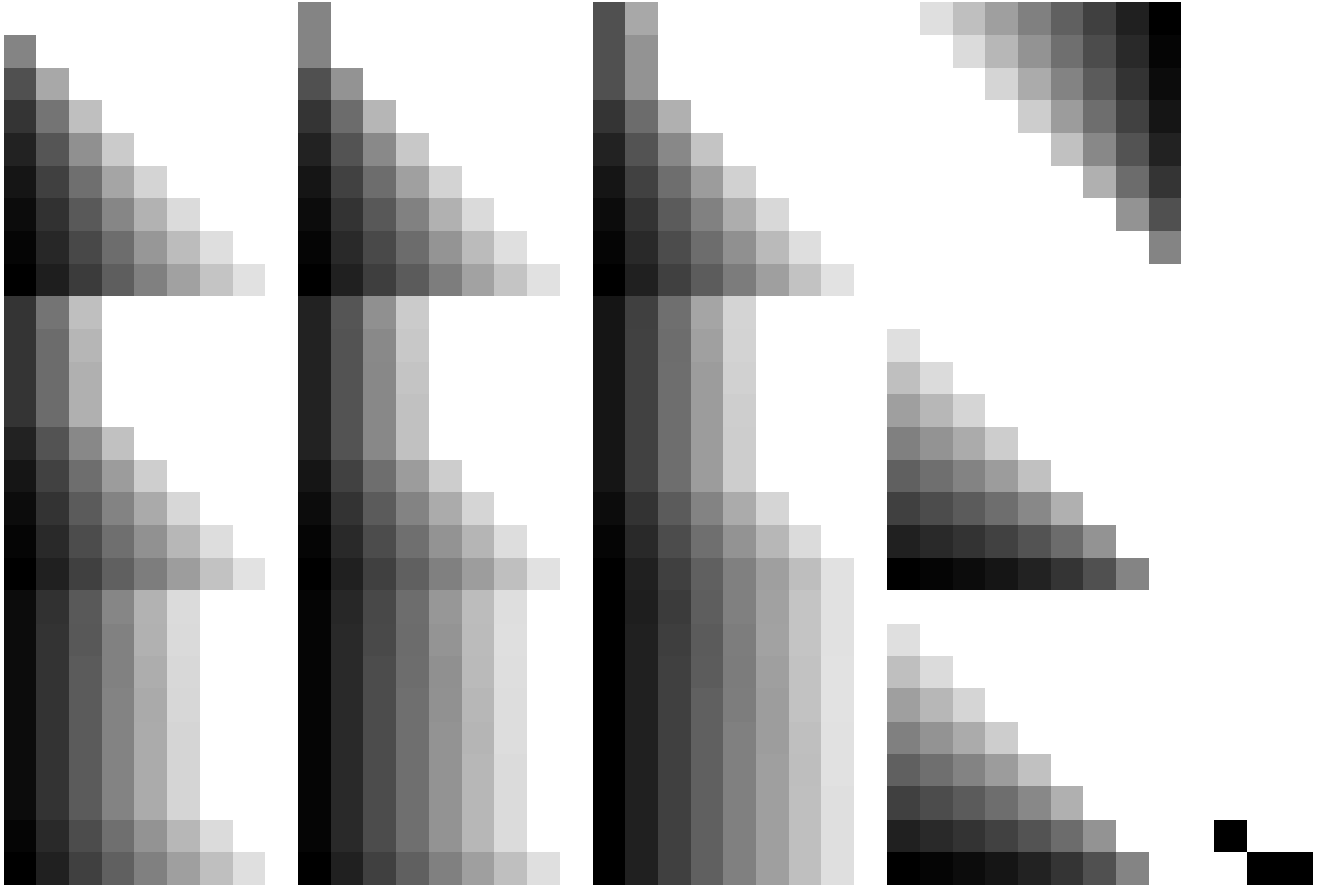


RE670−70 1−003230−L0

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

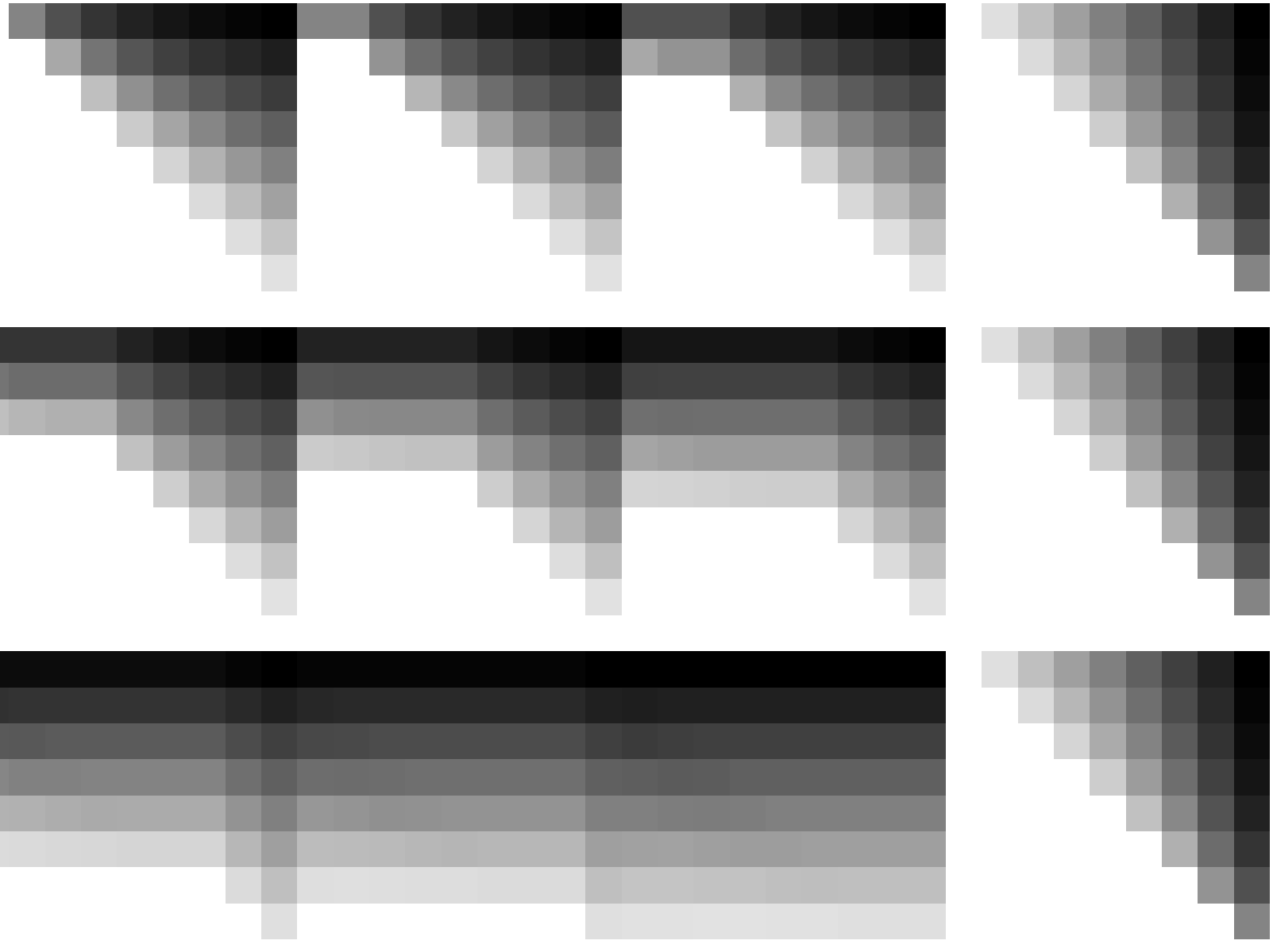


RE670−70 1−003330−L0

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



TUB registration: 20150701-RE67/RE67L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

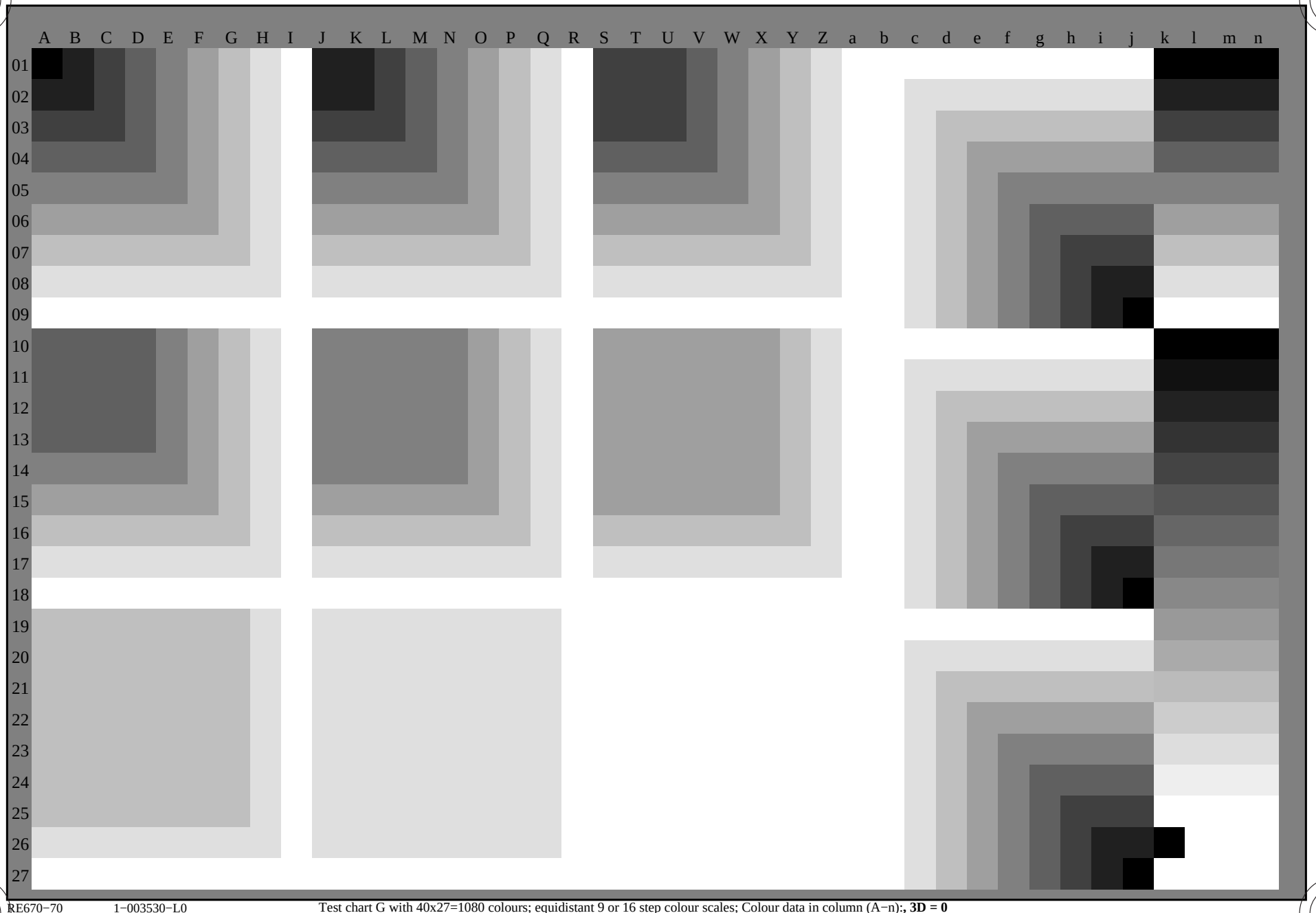
TUB material: code=rha4ta

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



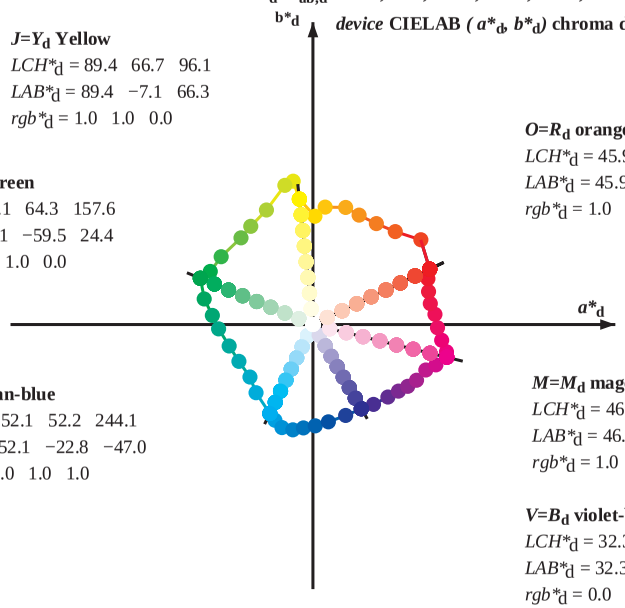
RE670−70 1−003530−L0 Test chart G with 40x27=1080 colours; equidistant 9 or 16 step colour scales; Colour data in column (A−n):, **3D = 0**

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

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

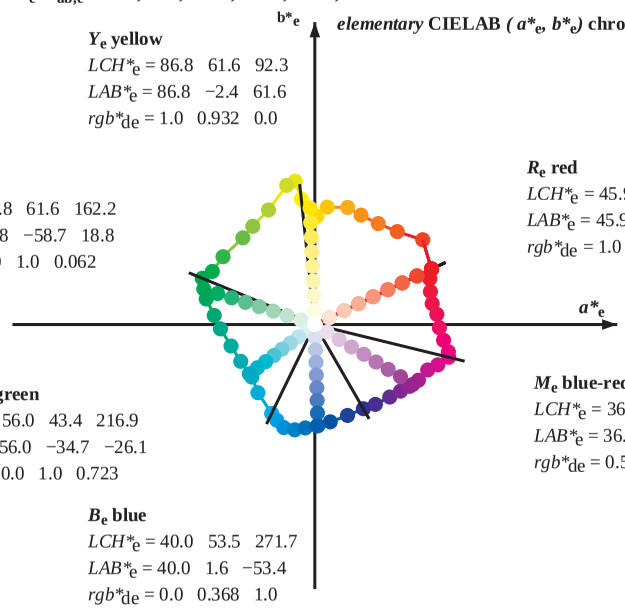
O=R_d orange-red
LCH^*_d = 45.9 68.3 25.4
LAB^*_d = 45.9 61.7 29.3
rgb^*_d = 1.0 0.0 0.0

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

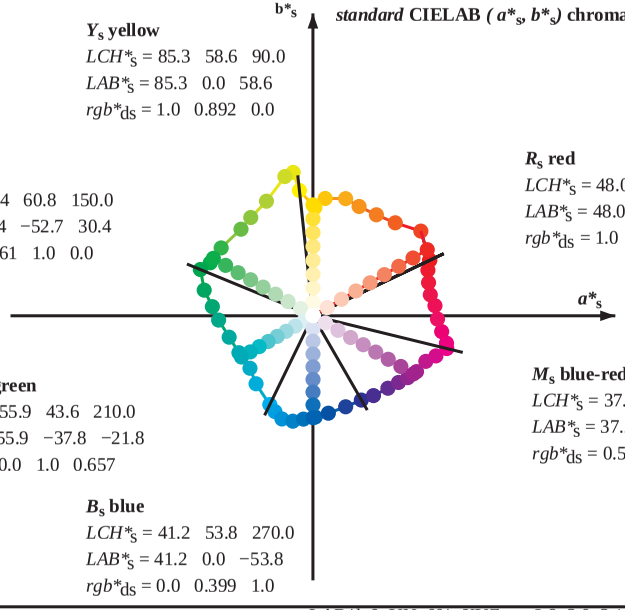
R_e red
LCH^*_e = 45.9 68.4 25.4
LAB^*_e = 45.9 61.7 29.4
rgb^*_{de} = 1.0 0.0 0.0

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

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					rgb*$_{dd}$	*rgb**$_{ds}$	*rgb**$_{de}$
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			

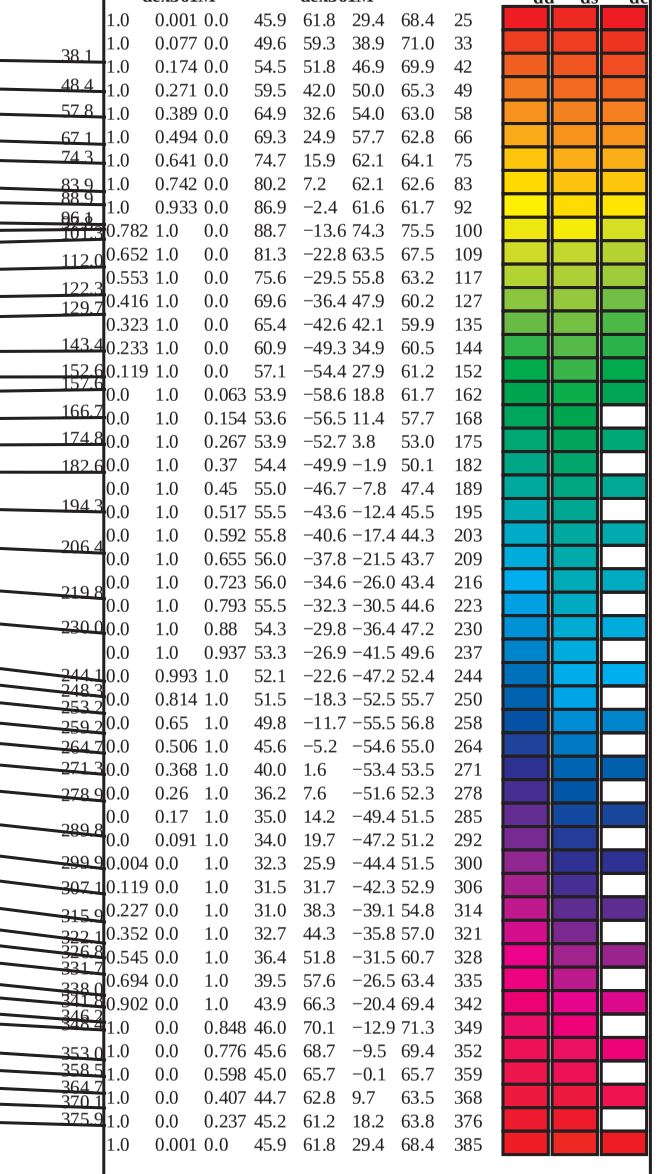
TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb*−*LabCh**tables

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

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				
38.1			1.0	0.001	0.0	45.9	61.8	29.4	68.4	25
48.4			1.0	0.077	0.0	49.6	59.3	38.9	71.0	33
57.8			1.0	0.174	0.0	54.5	51.8	46.9	69.9	42
67.1			1.0	0.271	0.0	59.5	42.0	50.0	65.3	49
74.3			1.0	0.389	0.0	64.9	32.6	54.0	63.0	58
83.9			1.0	0.494	0.0	69.3	24.9	57.7	62.8	66
88.9			1.0	0.641	0.0	74.7	15.9	62.1	64.1	75
96.1			1.0	0.742	0.0	80.2	7.2	62.1	62.6	83
101.3			1.0	0.933	0.0	86.9	−2.4	61.6	61.7	92
112.0			0.782	1.0	0.0	88.7	−13.6	74.3	75.5	100
122.3			0.652	1.0	0.0	81.3	−22.8	63.5	67.5	109
129.7			0.553	1.0	0.0	75.6	−29.5	55.8	63.2	117
143.4			0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127
152.6			0.323	1.0	0.0	65.4	−42.6	42.1	59.9	135
157.6			0.233	1.0	0.0	60.9	−49.3	34.9	60.5	144
166.7			0.119	1.0	0.0	57.1	−54.4	27.9	61.2	152
174.8			0.0	1.0	0.063	53.9	−58.6	18.8	61.7	162
182.6			0.0	1.0	0.154	53.6	−56.5	11.4	57.7	168
194.3			0.0	1.0	0.267	53.9	−52.7	3.8	53.0	175
206.4			0.0	1.0	0.37	54.4	−49.9	−1.9	50.1	182
219.8			0.0	1.0	0.45	55.0	−46.7	−7.8	47.4	189
230.0			0.0	1.0	0.517	55.5	−43.6	−12.4	45.5	195
244.1			0.0	1.0	0.592	55.8	−40.6	−17.4	44.3	203
248.3			0.0	1.0	0.655	56.0	−37.8	−21.5	43.7	209
253.2			0.0	1.0	0.723	56.0	−34.6	−26.0	43.4	216
259.2			0.0	1.0	0.793	55.5	−32.3	−30.5	44.6	223
264.7			0.0	1.0	0.88	54.3	−29.8	−36.4	47.2	230
271.3			0.0	1.0	0.937	53.3	−26.9	−41.5	49.6	237
278.9			0.0	0.993	1.0	52.1	−22.6	−47.2	52.4	244
289.8			0.0	0.814	1.0	51.5	−18.3	−52.5	55.7	250
299.9			0.0	0.65	1.0	49.8	−11.7	−55.5	56.8	258
307.1			0.0	0.506	1.0	45.6	−5.2	−54.6	55.0	264
315.9			0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271
322.1			0.0	0.26	1.0	36.2	7.6	−51.6	52.3	278
326.8			0.0	0.17	1.0	35.0	14.2	−49.4	51.5	285
331.7			0.0	0.091	1.0	34.0	19.7	−47.2	51.2	292
338.0			0.004	0.0	1.0	32.3	25.9	−44.4	51.5	300
341.8			0.119	0.0	1.0	31.5	31.7	−42.3	52.9	306
346.2			0.227	0.0	1.0	31.0	38.3	−39.1	54.8	314
348.4			0.352	0.0	1.0	32.7	44.3	−35.8	57.0	321
353.0			0.545	0.0	1.0	36.4	51.8	−31.5	60.7	328
358.5			0.694	0.0	1.0	39.5	57.6	−26.5	63.4	335
364.7			0.902	0.0	1.0	43.9	66.3	−20.4	69.4	342
370.1			1.0	0.0	0.848	46.0	70.1	−12.9	71.3	349
375.9			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



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)*					R_d	*rgb*ds361Mi*			*LAB*dsx361Mi (x=LabCh)*					R_s	*rgb*dd361Mi*			*rgb*de361Mi*			*LAB*dex361Mi (x=LabCh)*					R_e	*rgb*dd361Mi*		
25	30	25	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25		1.0	0.045	0.0	48.1	60.5	34.9	69.9	30		1.0	0.0	0.0	1.0	0.001	0.0	45.9	61.8	29.4	68.4	25		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

*rgb*dd* *rgb*ds* *rgb*de*

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 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

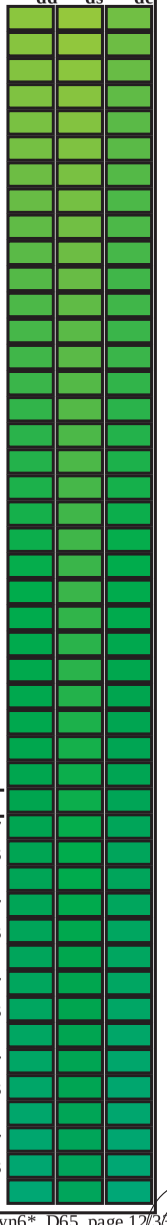
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi		
83	75	75	1.0	0.75	0.0	80.6	6.5	62.0	62.4	83	1.0	0.633	0.0	74.2	16.6	62.1	64.2	75	1.0	0.75	0.0	1.0	0.641	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

*rgb**$_{dd}$ *rgb**$_{ds}$ *rgb**$_{de}$

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

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
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

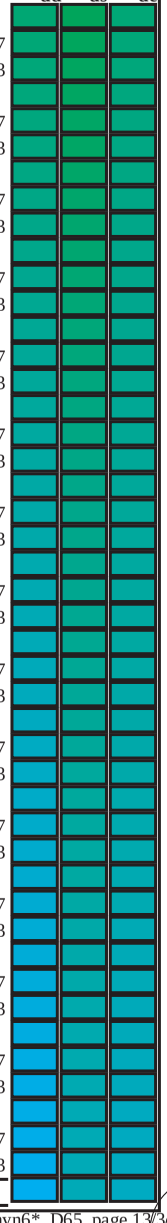


TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

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

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**	dd	x361Mi (x=LabCh)			*rgb**	ds361Mi		*LAB**	ds	x361Mi (x=LabCh)			*rgb**	dd361Mi		*rgb**	de361Mi		*LAB**	de	x361Mi (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			



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

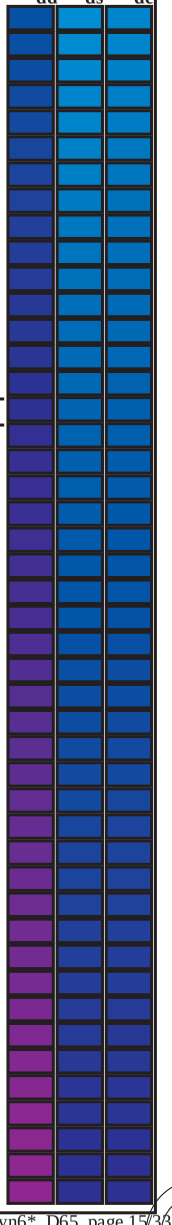
*rgb**dd *rgb**ds *rgb**de

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*$_d$

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



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**$_{de}$
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	

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*$_d$

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	1.0	0.045	0.0	48.1	60.5	34.9	69.9	390	1.0	0.0	0.0	1.0	0.001	0.0	45.9	61.8	29.4	68.4	385	1.0	0.0	0.0			
										R_d								R_s												R_e					

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*$_d$

n/j	HIC*$_{Fd}$	*rgb*$_{Fd}$			*ict*$_{Fd}$			h_{si_Fd}	*rgb**$_{Fd}$			*LabCh**$_{Fd}$					*rgb*'*$_{Fd}$			*LabCh*'*$_{Fd}$					*DE*'*$_{Fd}$	$h_{siM,d}$	*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*'* = *1.9***

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

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

1−0031730−F0

n/j	HIC*$_{Fd}$	*rgb*$_{Fd}$			*ict*$_{Fd}$			h_{si_Fd}	*rgb**$_{Fd}$			*LabCh**$_{Fd}$					*rgb**'$_{Fd}$			*LabCh**'$_{Fd}$					*DE**'$_{Fd}$	$h_{siM,d}$	*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
1/666	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***

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

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

1−0031830−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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			hsi_F,d	rgb*Fd			LabCh*Fd					rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
0	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	20.0	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_012d	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_025d	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_037d	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_050d	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_062d	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_075d	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_087d	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_100d	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_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	29.7	−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_012d	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_025d	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_037d	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_050d	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_062d	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_075d	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_087d	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_100d	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_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	32.6	−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_025d	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_025d	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_037d	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_050d	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_062d	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_075d	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_087d	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_100d	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_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	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_037d	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_037d	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_037d	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_050d	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_062d	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_075d	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_087d	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_100d	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_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	41.9	−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_050d	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_050d	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_050d	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_050d	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_062d	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_075d	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_087d	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_100d	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_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	46.5	−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_062d	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_062d	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_062d	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_062d	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_062d	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_075d	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_087d	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_100d	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_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	50.1	−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_075d	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_075d	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_075d	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_075d	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_075d	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_075d	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_087d	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_100d	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_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	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_087d	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_087d	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_087d	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_087d	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_087d	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_087d	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_087d	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_100d	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_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	54.1	−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_100d	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_100d	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_100d	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_100d	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_100d	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_100d	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_100d	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_100d	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, ΔE*'

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

1-0031930-F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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			hsi_F,d	rgb*Fd			LabCh*Fd					rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
81	R00Y_012_012d	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_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	25.9	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_025d	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_037d	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_050d	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_062d	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_075d	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_087d	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_100d	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_012d	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_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	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_012d	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_025d	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_037d	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_050d	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_062d	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_075d	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_087d	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_025d	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_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	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_012d	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_025d	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_037d	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_050d	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_062d	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_075d	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_087d	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_037d	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_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	37.4	-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_025d	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_025d	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_037d	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_050d	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_062d	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_075d	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_087d	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_050d	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_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	42.4	-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_037d	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_037d	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_037d	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_050d	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_062d	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_075d	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_087d	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_062d	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_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	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_050d	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_050d	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_050d	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_050d	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_062d	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_075d	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_087d	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_075d	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_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	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_062d	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_062d	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_062d	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_062d	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_062d	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_075d	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_087d	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_087d	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_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	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_075d	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_075d	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_075d	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_075d	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_075d	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_075d	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_087d	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_100d	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_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	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_087d	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_087d	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_087d	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_087d	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_087d	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_087d	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_087d	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

1-0032030-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_d
output: transfer to $cmyk_d$

1-0032030-F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 22/33

n	HIC*Fd	rgb_Fd			ict_Fd			$h_{si\_F,d}$	rgb*Fd			LabCh*Fd				
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

n	rgb*'Fd			LabCh*'Fd					DE*'Fd	$h_{siM,d}$	rgb*Md			LabCh*Md				
162	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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 $E^{*\prime}$ = 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: $rgb/cmyk \rightarrow rgb_d$
output: transfer to $cmyk_d$

TUB registration: 20150701-RE67/RE67L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

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				
243	R00Y_037_037d	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_037d	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_037d	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_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	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_050d	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_062d	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_075d	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_087d	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_100d	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_037d	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_025d	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_025d	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_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	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_037d	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_050d	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_062d	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_075d	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_087d	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_037d	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_025d	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_012d	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_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	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_025d	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_037d	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_050d	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_062d	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_075d	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_037d	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_025d	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_012d	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_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	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_012d	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_025d	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_037d	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_050d	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_062d	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_050d	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_037d	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_025d	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_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	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_012d	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_025d	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_037d	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_050d	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_062d	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_062d	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_050d	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_037d	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_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	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_025d	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_025d	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_037d	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_050d	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_062d	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_075d	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_062d	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_050d	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_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	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_037d	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_037d	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_037d	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_050d	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_062d	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_087d	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_075d	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_062d	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_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	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_050d	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_050d	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_050d	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_050d	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_062d	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_100d	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_087d	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_075d	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_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	68.5	−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_062d	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_062d	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_062d	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_062d	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_062d	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 $cmyk_d$

1−0032230−F0

TUB registration: 20150701-RE67/RE67L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

n	HIC*Fd	rgb_Fd			ict_Fd			$h_{si\_F,d}$	rgb*Fd			LabCh*Fd				
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

n	rgb*'Fd			LabCh*'Fd					DE*'Fd	$h_{siM,d}$	rgb*Md			LabCh*Md				
324	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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**

1-0032330-F0

RE670−7N, Page 24/33−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

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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}			$LabCh^*_{Fd}$				
405	R00Y_062_062d	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
406	R31Y_062_062d	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
407	R11Y_062_062d	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
408	B69R_062_062d	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
409	B59R_062_062d	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
410	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
411	B42R_075_075d	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
412	B36R_087_087d	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
413	B31R_100_100d	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
414	R18Y_062_062d	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
415	R00Y_062_050d	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
416	R26Y_062_050d	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
417	R00Y_062_050d	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
418	B61R_062_050d	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
419	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
420	B40R_075_062d	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
421	B34R_087_075d	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
422	B29R_100_087d	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
423	R38Y_062_062d	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
424	R23Y_062_050d	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
425	R00Y_062_037d	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
426	R18Y_062_037d	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
427	B65R_062_037d	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
428	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
429	B38R_075_050d	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
430	B30R_087_062d	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
431	B25R_100_075d	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
432	R61Y_062_062d	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
433	R50Y_062_050d	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
434	R31Y_062_037d	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
435	R00Y_062_025d	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
436	R00Y_062_025d	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
437	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
438	B34R_075_037d	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
439	B25R_087_050d	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
440	B19R_100_062d	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
441	R81Y_062_062d	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
442	R76Y_062_050d	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
443	R68Y_062_037d	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
444	R50Y_062_025d	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
445	R00Y_062_012d	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
446	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
447	B25R_075_025d	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
448	B15R_087_037d	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
449	B11R_100_050d	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
450	Y00G_062_062d	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
451	Y00G_062_050d	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
452	Y00G_062_037d	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
453	Y00G_062_025d	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
454	Y00G_062_012d	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
455	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
456	B00R_075_012d	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
457	B00R_087_025d	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
458	B00R_100_037d	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
459	Y15G_075_075d	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
460	Y18G_075_062d	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
461	Y23G_075_050d	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
462	Y31G_075_037d	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
463	Y50G_075_025d	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
464	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
465	G50B_075_012d	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
466	G75B_087_025d	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
467	G84B_100_037d	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
468	Y26G_087_087d	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
469	Y31G_087_075d	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
470	Y38G_087_062d	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
471	Y50G_087_050d	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
472	Y68G_087_037d	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
473	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
474	G25B_087_025d	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
475	G50B_087_025d	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
476	G65B_100_037d	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
477	Y36G_100_100d	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
478	Y41G_100_087d	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
479	Y50G_100_075d	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
480	Y61G_100_062d	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
481	Y76G_100_050d	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
482	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
483	G15B_100_037d	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
484	G34B_100_037d	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
485	G50B_100_037d	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

n	$rgb^{*\prime}_{Fd}$			$LabCh^{*\prime}_{Fd}$					$DE^{*\prime}_{Fd}$	$h_{siM,d}$	rgb^*_{Md}			$LabCh^*_{Md}$				
405	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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 $E^{*\prime}$ = **10.0**

1−0032430−F0

RE670−7N, Page 25/33−F

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

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

1−0032430−F0

TUB registration: 20150701-RE67/RE67L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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			hsi_F,d	rgb*Fd			LabCh*Fd				
486	R00Y_075_075d	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_075d	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_075d	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_075d	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_075d	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_075d	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_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
493	B43R_087_087d	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_100d	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_075d	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_062d	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_062d	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_062d	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_062d	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_062d	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_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
502	B42R_087_075d	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_087d	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_075d	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_062d	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_050d	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_050d	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_050d	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_050d	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_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
511	B40R_087_062d	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_075d	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_075d	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_062d	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_050d	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_037d	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_037d	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_037d	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_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
520	B38R_087_050d	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_062d	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_075d	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_062d	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_050d	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_037d	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_025d	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_025d	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_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
529	B34R_087_037d	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_050d	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_075d	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_062d	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_050d	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_037d	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_025d	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_012d	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_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
538	B25R_087_025d	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_037d	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_075d	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_062d	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_050d	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_037d	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_025d	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_012d	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_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
547	B00R_087_012d	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_025d	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_087d	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_075d	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_062d	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_050d	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_037d	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_025d	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_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
556	G50B_087_012d	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_025d	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_100d	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_087d	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_075d	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_062d	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_050d	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_037d	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_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
565	G25B_100_025d	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_025d	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	hsiM,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, $\Delta E^{*\prime}$

input: $rgb/cmyk \rightarrow rgb_d$
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

1−0032530−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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			hsi_F,d	rgb*Fd			LabCh*Fd				
567	R00Y_087_087d	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
568	R36Y_087_087d	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
569	R23Y_087_087d	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
570	R08Y_087_087d	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
571	B70R_087_087d	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
572	B63R_087_087d	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
573	B56R_087_087d	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
574	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
575	B44R_100_100d	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
576	R13Y_087_087d	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
577	R00Y_087_075d	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
578	R35Y_087_075d	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
579	R18Y_087_075d	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
580	R00Y_087_075d	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
581	B65R_087_075d	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
582	B57R_087_075d	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
583	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
584	B43R_100_087d	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
585	R26Y_087_087d	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
586	R15Y_087_075d	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
587	R00Y_087_062d	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
588	R31Y_087_062d	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
589	R11Y_087_062d	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
590	B69R_087_062d	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
591	B59R_087_062d	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
592	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
593	B42R_100_075d	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
594	R41Y_087_087d	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
595	R31Y_087_075d	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
596	R18Y_087_062d	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
597	R00Y_087_050d	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
598	R26Y_087_050d	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
599	R00Y_087_050d	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
600	B61R_087_050d	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
601	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
602	B40R_100_062d	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
603	R58Y_087_087d	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
604	R50Y_087_075d	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
605	R38Y_087_062d	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
606	R23Y_087_050d	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
607	R00Y_087_037d	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
608	R18Y_087_037d	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
609	B65R_087_037d	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
610	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
611	B38R_100_050d	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
612	R73Y_087_087d	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
613	R68Y_087_075d	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
614	R61Y_087_062d	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
615	R50Y_087_050d	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
616	R31Y_087_037d	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
617	R00Y_087_025d	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
618	R00Y_087_025d	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
619	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
620	B34R_100_037d	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
621	R86Y_087_087d	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
622	R85Y_087_075d	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
623	R81Y_087_062d	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
624	R76Y_087_050d	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
625	R68Y_087_037d	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
626	R50Y_087_025d	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
627	R00Y_087_012d	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
628	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
629	B25R_100_025d	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
630	Y00G_087_087d	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
631	Y00G_087_075d	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
632	Y00G_087_062d	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
633	Y00G_087_050d	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
634	Y00G_087_037d	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
635	Y00G_087_025d	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
636	Y00G_087_012d	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
637	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
638	B00R_100_012d	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
639	Y11G_100_100d	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
640	Y13G_100_087d	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
641	Y15G_100_075d	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
642	Y18G_100_062d	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
643	Y23G_100_050d	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
644	Y31G_100_037d	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
645	Y50G_100_025d	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
646	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
647	G50B_100_012d	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

n	rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
567	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 28/33

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				
648	R00Y_100_100d	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_100d	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_100d	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_100d	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_100d	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_100d	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_100d	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_100d	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_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	46.8	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_100d	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_087d	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_087d	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_087d	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_087d	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_087d	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_087d	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_087d	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_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	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_100d	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_087d	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_075d	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_075d	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_075d	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_075d	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_075d	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_075d	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_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	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_100d	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_087d	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_075d	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_062d	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_062d	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_062d	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_062d	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_062d	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_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	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_100d	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_087d	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_075d	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_062d	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_050d	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_050d	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_050d	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_050d	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_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	72.3	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_100d	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_087d	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_075d	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_062d	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_050d	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_037d	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_037d	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_037d	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_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	78.7	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_100d	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_087d	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_075d	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_062d	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_050d	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_037d	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_025d	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_025d	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_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	85.6	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_100d	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_087d	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_075d	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_062d	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_050d	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_037d	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_025d	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_012d	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_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	91.5	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_100d	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_087d	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_075d	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_062d	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_050d	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_037d	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_025d	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_012d	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_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	94.2	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 $E^{*\prime}$ = 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_d
output: transfer to $cmyk_d$

1-0032730-F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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			hsi_F,d	rgb*Fd			LabCh*Fd					rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
729	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	94.4	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_012d	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_025d	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_037d	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_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	74.3	−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_062d	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_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	60.5	−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_087d	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_100d	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_012d	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_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	89.2	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_012d	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_025d	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_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	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_050d	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_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	64.3	−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_075d	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_087d	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_025d	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_012d	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_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	8.7	−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_012d	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_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	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_037d	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_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	60.0	−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_062d	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_075d	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_037d	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_025d	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_012d	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_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	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_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	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_025d	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_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	55.5	−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_050d	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_062d	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_050d	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_037d	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_025d	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_012d	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_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	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_012d	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_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	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_037d	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_050d	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_062d	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_050d	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_037d	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_025d	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_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	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_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	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_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	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_025d	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_037d	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_075d	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_062d	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_050d	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_037d	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_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	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_012d	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_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	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_012d	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_025d	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_087d	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_075d	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_062d	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_050d	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_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	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_025d	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_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	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_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	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_012d	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_100d	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_087d	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_075d	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_062d	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_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	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_037d	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_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	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_012d	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_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	20.1	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 $E^{*\prime}$ = *10.3***

1-0032830-F0 RE670-7N, Page 29/33-F

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

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

1-0032830-F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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}			$LabCh^*_{Fd}$					$rgb^{*\prime}_{Fd}$			$LabCh^{*\prime}_{Fd}$					$DE^{*\prime}_{Fd}$	$h_{siM,d}$	rgb^*_{Md}			$LabCh^*_{Md}$				
810	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	−0.3	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_012d	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_025d	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_037d	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_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	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_062d	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_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	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_087d	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_100d	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_012d	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_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	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_012d	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_025d	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_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	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_050d	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_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	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_075d	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_087d	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_025d	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_012d	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_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	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_012d	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_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	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_037d	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_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	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_062d	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_075d	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_037d	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_025d	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_012d	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_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	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_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	60.6	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_025d	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_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	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_050d	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_062d	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_050d	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_037d	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_025d	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_012d	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_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	59.7	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_012d	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_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	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_037d	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_050d	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_062d	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_050d	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_037d	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_025d	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_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	59.2	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_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	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_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	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_025d	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_037d	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_075d	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_062d	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_050d	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_037d	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_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	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_012d	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_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	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_012d	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_025d	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_087d	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_075d	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_062d	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_050d	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_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	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_025d	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_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	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_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	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_012d	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_100d	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_087d	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_075d	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_062d	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_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	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_037d	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_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	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_012d	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_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	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 $E^{*\prime}$ = ***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 $cmyk_d$

1-0032930-F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 31/33

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, $\Delta E^{*'}$

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

1-0033030-F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 32/33

n	HIC*Fd	rgb_Fd			ict_Fd			h_si_F,d	rgb*Fd			LabCh*Fd				
972	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
973	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
974	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
975	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
976	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
977	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
978	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
979	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
980	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
981	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
982	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
983	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
984	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
985	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
986	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
987	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
988	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
989	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
990	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
991	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
992	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
993	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
994	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
995	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
996	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
997	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
998	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
999	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
1000	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
1001	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
1002	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
1003	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
1004	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
1005	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
1006	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
1007	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
1008	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
1009	NW_006d	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
1010	NW_013d	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
1011	NW_020d	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
1012	NW_026d	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
1013	NW_033d	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
1014	NW_040d	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
1015	NW_046d	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
1016	NW_053d	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
1017	NW_060d	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
1018	NW_066d	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
1019	NW_073d	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
1020	NW_080d	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
1021	NW_086d	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
1022	NW_093d	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
1023	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
1024	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
1025	NW_006d	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
1026	NW_013d	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
1027	NW_020d	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
1028	NW_026d	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
1029	NW_033d	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
1030	NW_040d	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
1031	NW_046d	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
1032	NW_053d	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
1033	NW_060d	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
1034	NW_066d	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
1035	NW_073d	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
1036	NW_080d	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
1037	NW_086d	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
1038	NW_093d	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
1039	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
1040	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
1041	NW_006d	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
1042	NW_013d	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
1043	NW_020d	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
1044	NW_026d	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
1045	NW_033d	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
1046	NW_040d	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
1047	NW_046d	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
1048	NW_053d	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
1049	NW_060d	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
1050	NW_066d	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
1051	NW_073d	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
1052	NW_080d	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

n	rgb*'Fd			LabCh*'Fd					DE*'Fd	h_siM,d	rgb*Md			LabCh*Md				
972	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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, Δ*E**'

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

TUB registration: 20150701-RE67/RE67L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

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/RE67L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 33/33

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**$_{Md}$				
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***

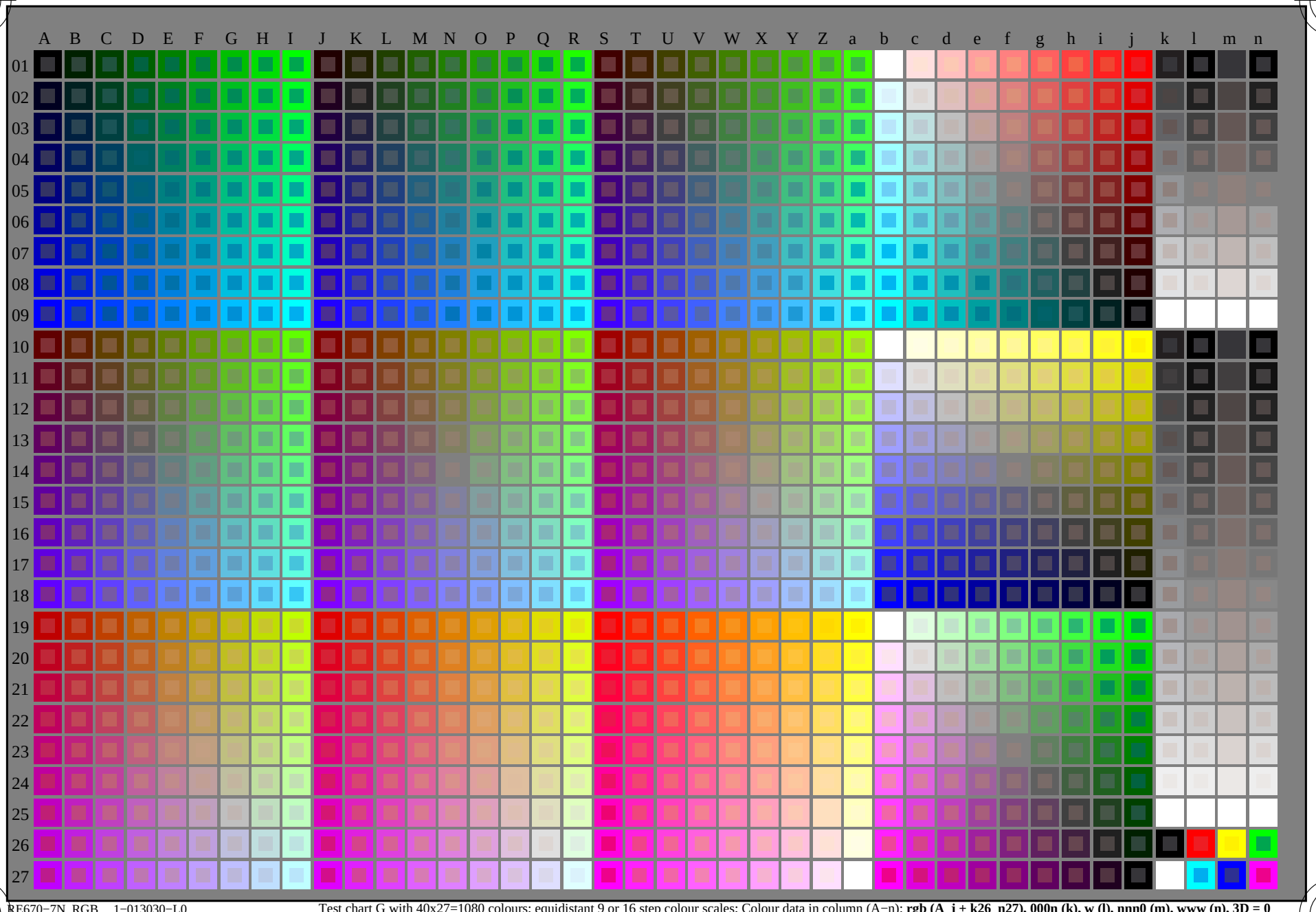
1-0033230-F0

RE670−7N, Page 33/33−F

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

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



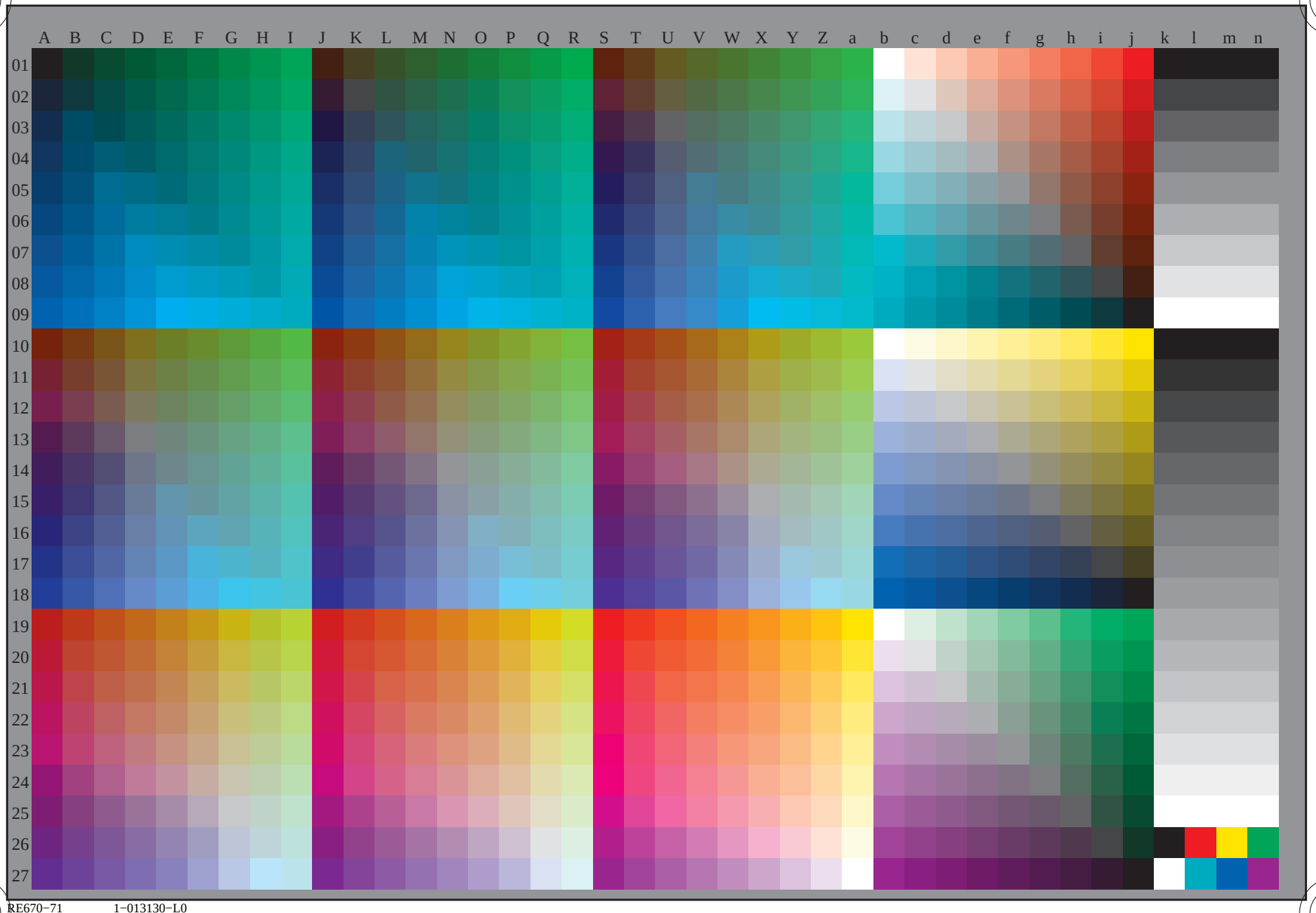
RE670−7N_RGB 1−013030−L0

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

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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/RE67L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

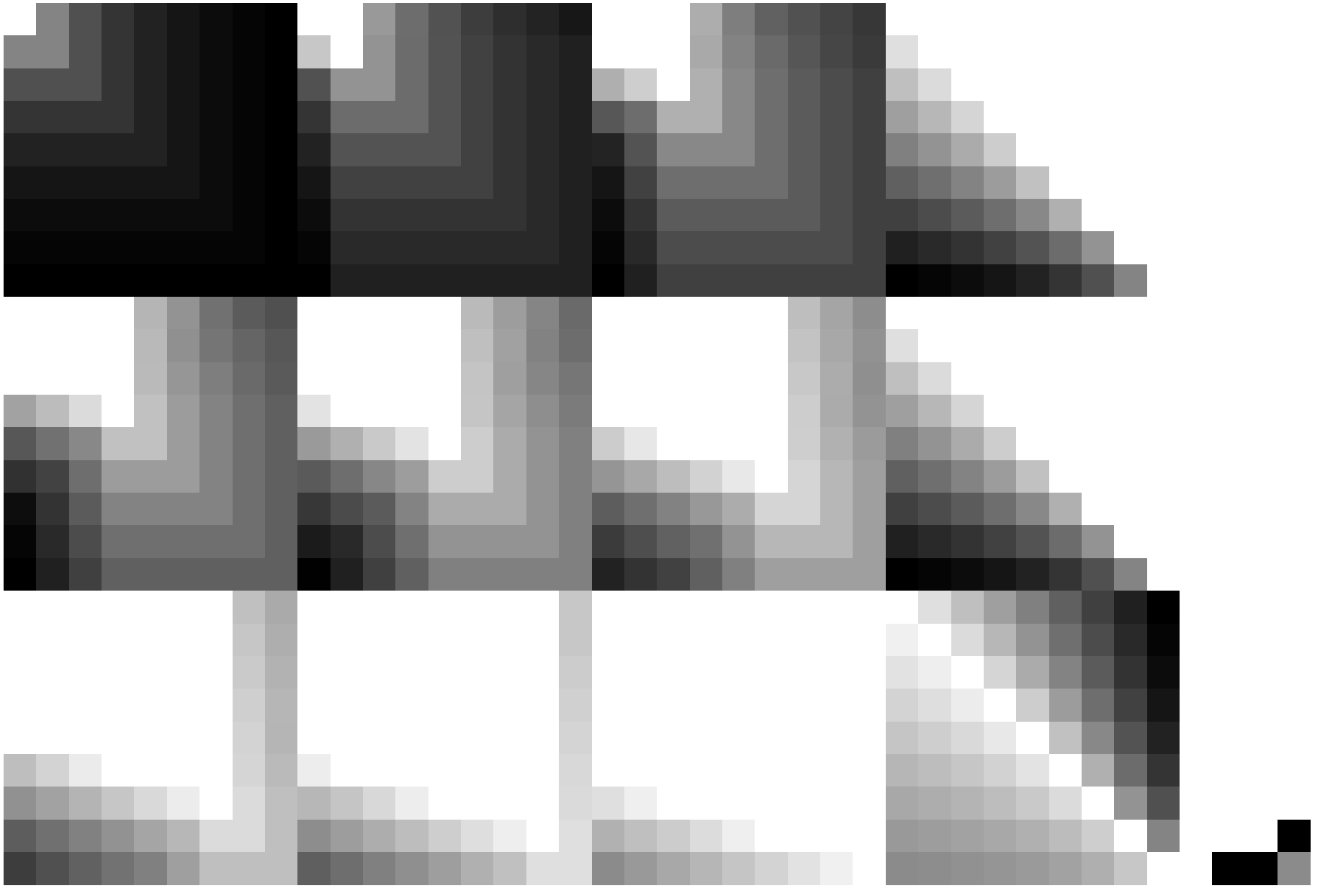
TUB material: code=rha4ta

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*

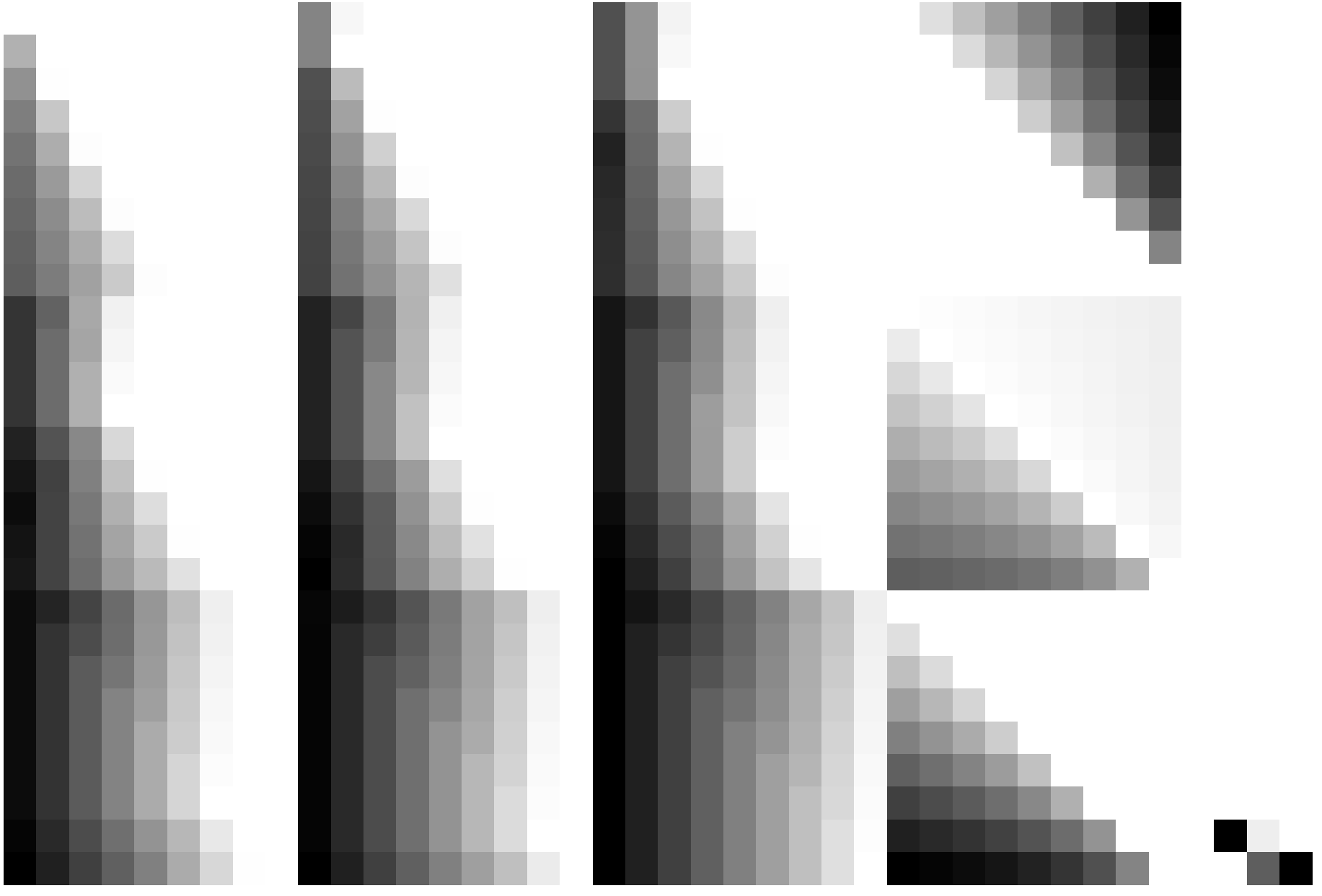
input: *rgb/cmyk* −> rgb_e
output: transfer to $cmyk_e$

1-013130-F0



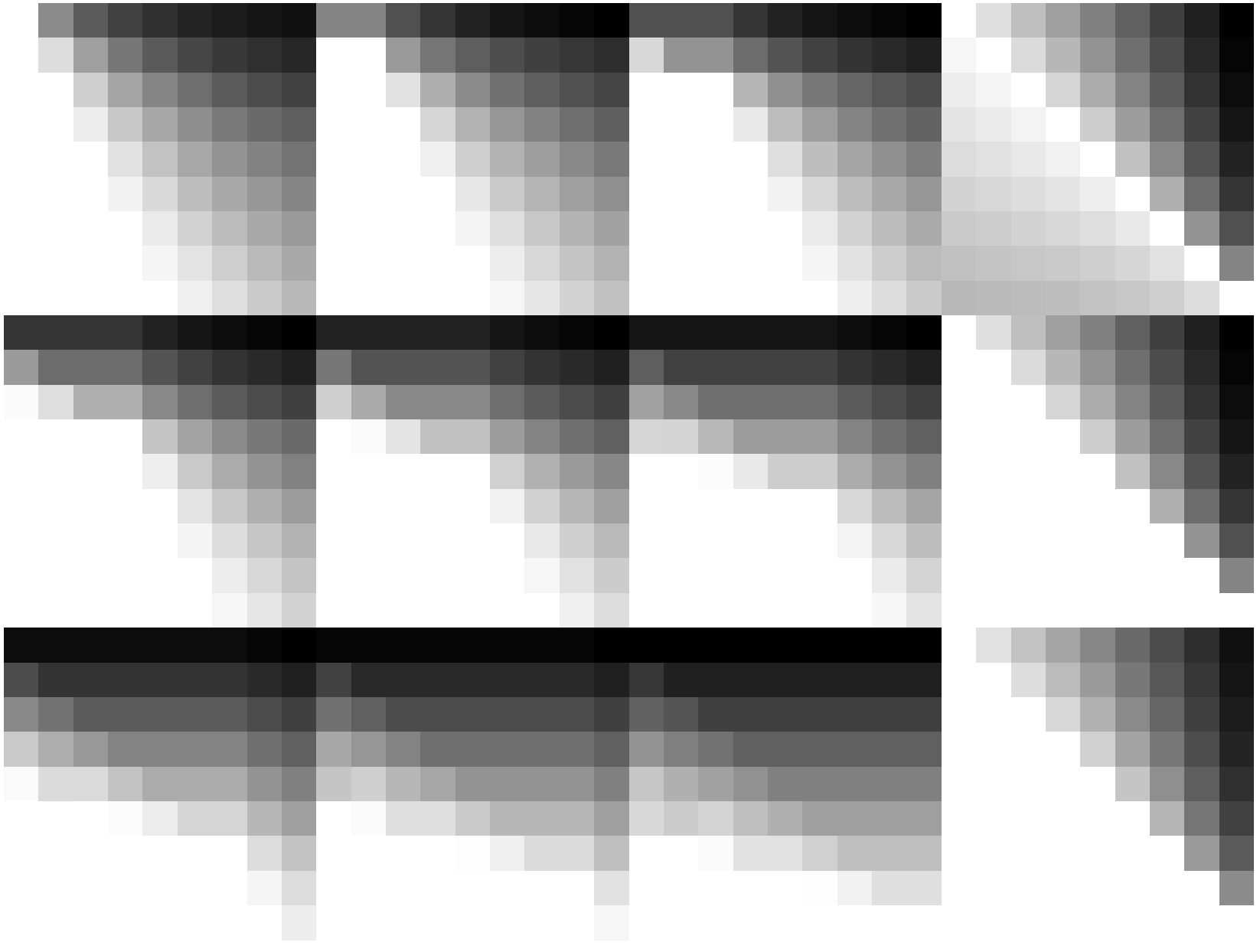
TUB-test chart RE67; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

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



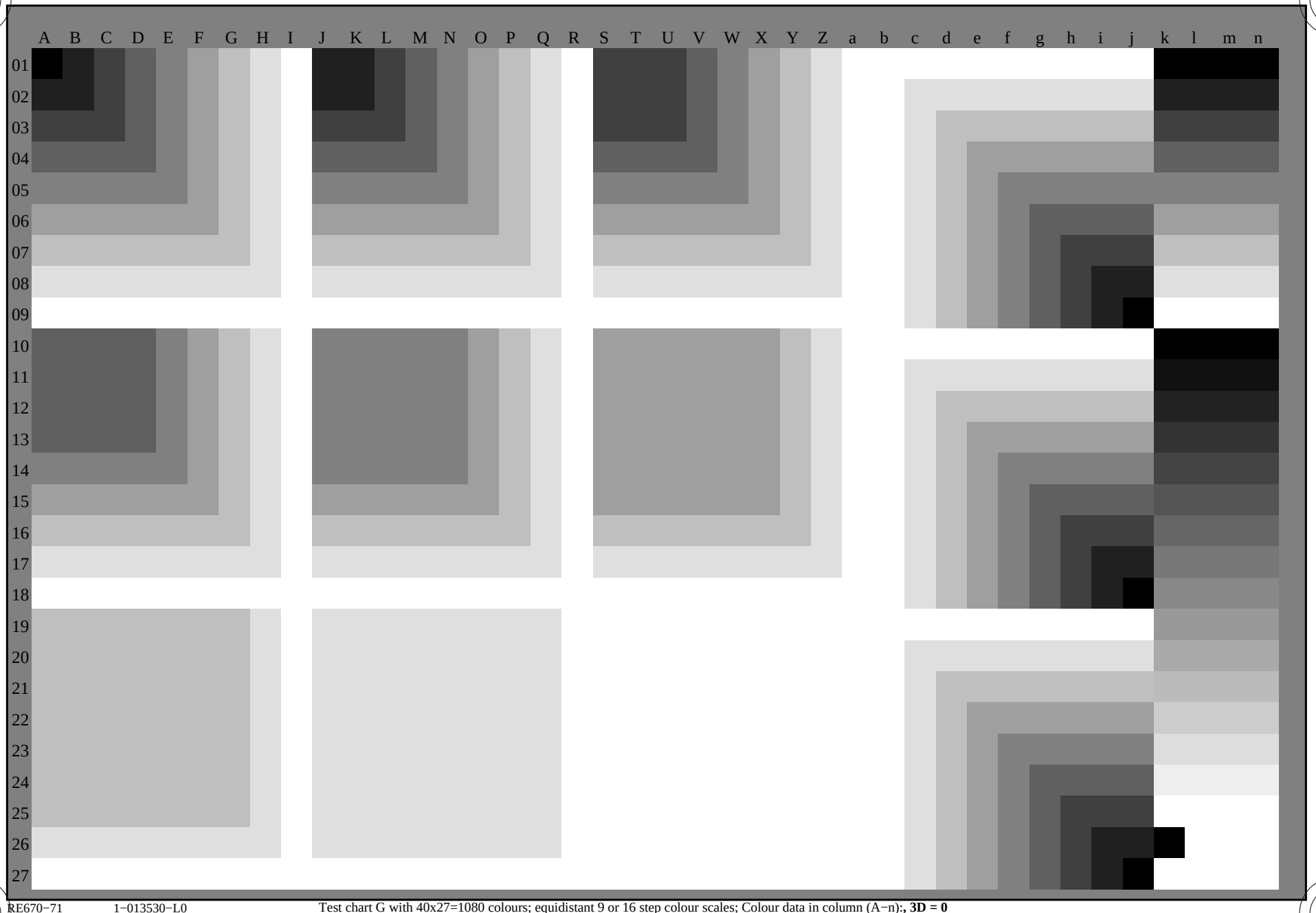
TUB-test chart RE67; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

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



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

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



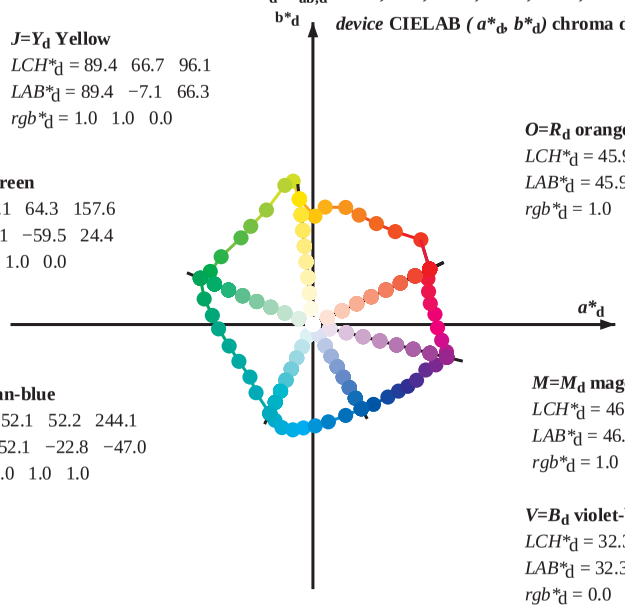
RE670−71 1−013530−L0 Test chart G with 40x27=1080 colours; equidistant 9 or 16 step colour scales; Colour data in column (A−n):, **3D = 0**

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

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

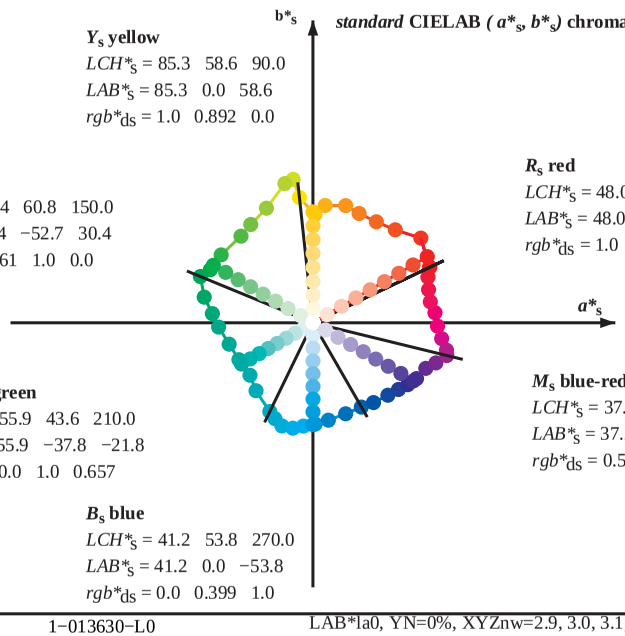
O=R_d orange-red
LCH^*_d = 45.9 68.3 25.4
LAB^*_d = 45.9 61.7 29.3
rgb^*_d = 1.0 0.0 0.0

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



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

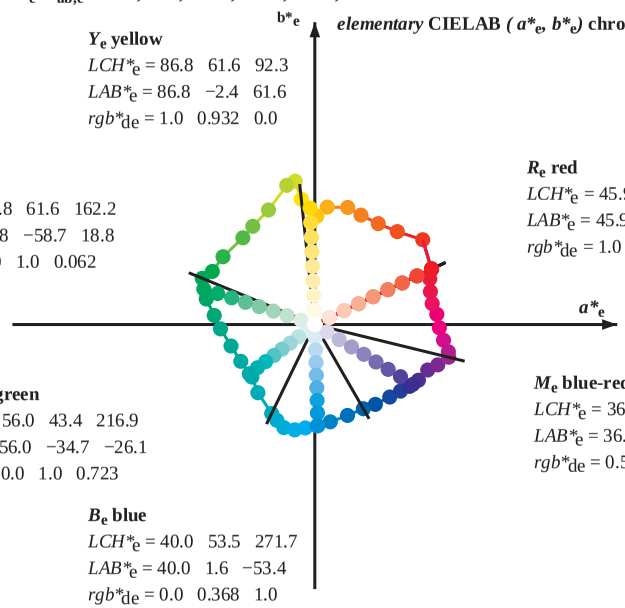
R_s red
LCH^*_s = 48.0 69.8 30.0
LAB^*_s = 48.0 60.5 34.9
rgb^*_{ds} = 1.0 0.045 0.0

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



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

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

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					rgb*$_{dd}$	*rgb**$_{ds}$	*rgb**$_{de}$
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			

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*$_e$

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				
38.1			1.0	0.001	0.0	45.9	61.8	29.4	68.4	25
48.4			1.0	0.077	0.0	49.6	59.3	38.9	71.0	33
57.8			1.0	0.174	0.0	54.5	51.8	46.9	69.9	42
67.1			1.0	0.271	0.0	59.5	42.0	50.0	65.3	49
74.3			1.0	0.389	0.0	64.9	32.6	54.0	63.0	58
83.9			1.0	0.494	0.0	69.3	24.9	57.7	62.8	66
88.9			1.0	0.641	0.0	74.7	15.9	62.1	64.1	75
96.1			1.0	0.742	0.0	80.2	7.2	62.1	62.6	83
101.3			1.0	0.933	0.0	86.9	−2.4	61.6	61.7	92
112.0			0.782	1.0	0.0	88.7	−13.6	74.3	75.5	100
122.3			0.652	1.0	0.0	81.3	−22.8	63.5	67.5	109
129.7			0.553	1.0	0.0	75.6	−29.5	55.8	63.2	117
143.4			0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127
152.6			0.323	1.0	0.0	65.4	−42.6	42.1	59.9	135
157.6			0.233	1.0	0.0	60.9	−49.3	34.9	60.5	144
166.7			0.119	1.0	0.0	57.1	−54.4	27.9	61.2	152
174.8			0.0	1.0	0.063	53.9	−58.6	18.8	61.7	162
182.6			0.0	1.0	0.154	53.6	−56.5	11.4	57.7	168
194.3			0.0	1.0	0.267	53.9	−52.7	3.8	53.0	175
206.4			0.0	1.0	0.37	54.4	−49.9	−1.9	50.1	182
219.8			0.0	1.0	0.45	55.0	−46.7	−7.8	47.4	189
230.0			0.0	1.0	0.517	55.5	−43.6	−12.4	45.5	195
244.1			0.0	1.0	0.592	55.8	−40.6	−17.4	44.3	203
248.3			0.0	1.0	0.655	56.0	−37.8	−21.5	43.7	209
253.2			0.0	1.0	0.723	56.0	−34.6	−26.0	43.4	216
259.2			0.0	1.0	0.793	55.5	−32.3	−30.5	44.6	223
264.7			0.0	1.0	0.88	54.3	−29.8	−36.4	47.2	230
271.3			0.0	1.0	0.937	53.3	−26.9	−41.5	49.6	237
278.9			0.0	0.993	1.0	52.1	−22.6	−47.2	52.4	244
289.8			0.0	0.814	1.0	51.5	−18.3	−52.5	55.7	250
299.9			0.0	0.65	1.0	49.8	−11.7	−55.5	56.8	258
307.1			0.0	0.506	1.0	45.6	−5.2	−54.6	55.0	264
315.9			0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271
322.1			0.0	0.26	1.0	36.2	7.6	−51.6	52.3	278
326.8			0.0	0.17	1.0	35.0	14.2	−49.4	51.5	285
331.7			0.0	0.091	1.0	34.0	19.7	−47.2	51.2	292
338.0			0.004	0.0	1.0	32.3	25.9	−44.4	51.5	300
341.8			0.119	0.0	1.0	31.5	31.7	−42.3	52.9	306
346.2			0.227	0.0	1.0	31.0	38.3	−39.1	54.8	314
348.4			0.352	0.0	1.0	32.7	44.3	−35.8	57.0	321
353.0			0.545	0.0	1.0	36.4	51.8	−31.5	60.7	328
358.5			0.694	0.0	1.0	39.5	57.6	−26.5	63.4	335
364.7			0.902	0.0	1.0	43.9	66.3	−20.4	69.4	342
370.1			1.0	0.0	0.848	46.0	70.1	−12.9	71.3	349
375.9			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

*rgb**$_{dd}$ *rgb**$_{ds}$ *rgb**$_{de}$

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

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)					R_d	*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					R_s	*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					R_e	*rgb**dd361Mi		
25	30	25	1.0	0.0	0.0	45.9	61.7	29.3	68.3	25		1.0	0.045	0.0	48.1	60.5	34.9	69.9	30		1.0	0.0	0.0	1.0	0.001	0.0	45.9	61.8	29.4	68.4	25		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

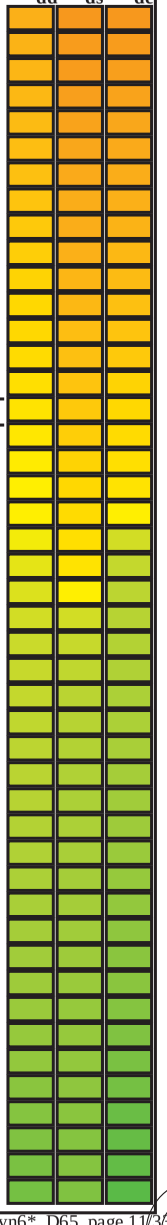
*rgb**$_{dd}$ *rgb**$_{ds}$ *rgb**$_{de}$

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*$_e$

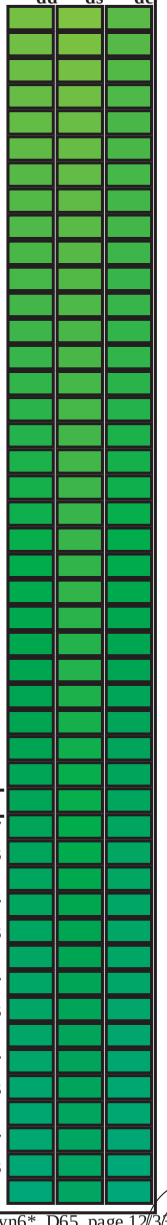
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 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**$_{de}$
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	



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
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

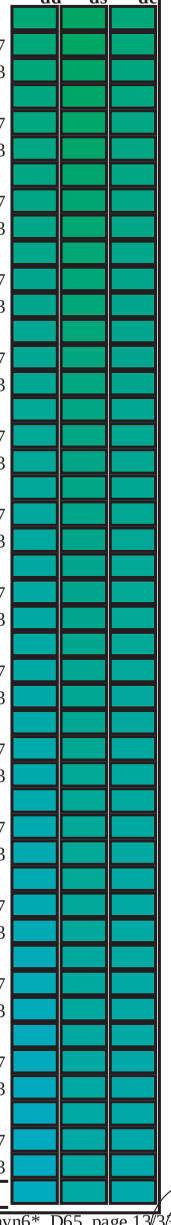


TUB-test chart RE67; 1080 standard colours, *cf*=1
48 step hue circles; *rgb*−*LabCh**tables

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

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	



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*$_e$

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

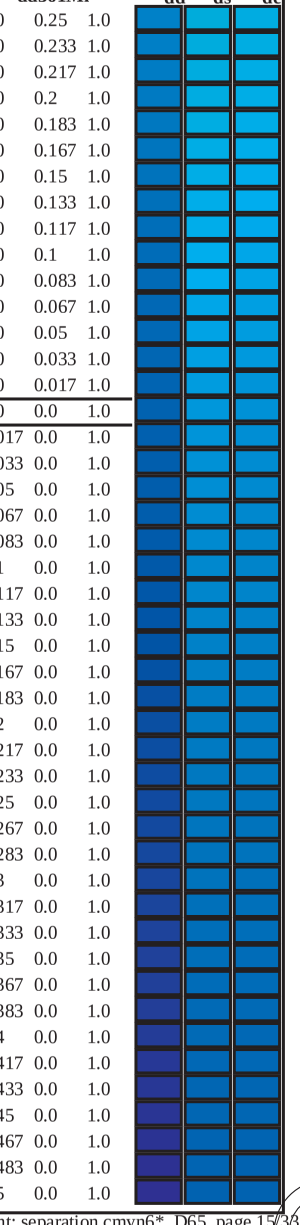
*rgb*dd* *rgb*ds* *rgb*de*

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*$_e$

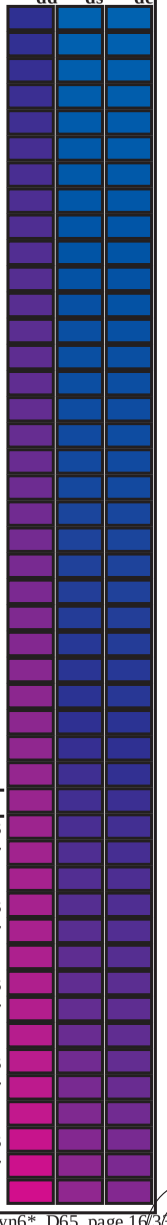
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 25.4, 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



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
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	



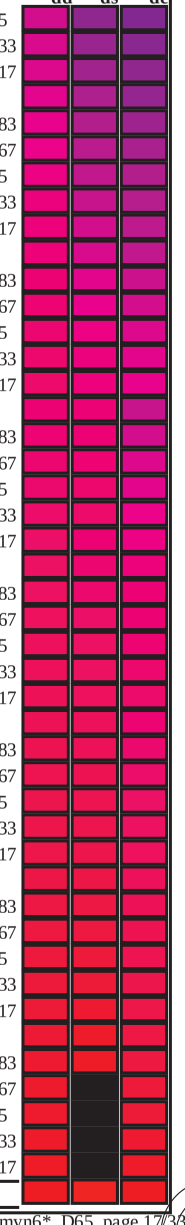
RE670−71 1−0131530−L0 LAB*la0, YN=0%, XYZnw=2.9, 3.0, 3.1, 77.2, 85.9, 75.3, LAB*nw=20.0, 0.0, 0.0, 94.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 16/33

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*$_e$

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	



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*$_e$

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**'$_{Fe}$ = *13.0***

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

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

1−0131730−F0

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
1/666	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*

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

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

1−0131830−F0

TUB registration: 20150701-RE67/RE67L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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			hsi_F,e
0	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	360
1	B00R_012_012e	0.0	0.0	0.125	0.125	0.125	0.062	270
2	B00R_025_025e	0.0	0.0	0.25	0.25	0.25	0.125	270
3	B00R_037_037e	0.0	0.0	0.375	0.375	0.375	0.187	270
4	B00R_050_050e	0.0	0.0	0.5	0.5	0.5	0.25	270
5	B00R_062_062e	0.0	0.0	0.625	0.625	0.625	0.312	270
6	B00R_075_075e	0.0	0.0	0.75	0.75	0.75	0.375	270
7	B00R_087_087e	0.0	0.0	0.875	0.875	0.875	0.437	270
8	B00R_100_100e	0.0	0.0	1.0	1.0	1.0	0.5	270
9	G00B_012_012e	0.0	0.125	0.0	0.125	0.125	0.062	150
10	G50B_012_012e	0.0	0.125	0.125	0.125	0.125	0.062	210
11	G75B_025_025e	0.0	0.125	0.25	0.25	0.25	0.125	240
12	G84B_037_037e	0.0	0.125	0.375	0.375	0.375	0.187	251
13	G88B_050_050e	0.0	0.125	0.5	0.5	0.5	0.25	256
14	G90B_062_062e	0.0	0.125	0.625	0.625	0.625	0.312	259
15	G92B_075_075e	0.0	0.125	0.75	0.75	0.75	0.375	261
16	G93B_087_087e	0.0	0.125	0.875	0.875	0.875	0.437	262
17	G94B_100_100e	0.0	0.125	1.0	1.0	1.0	0.5	263
18	G00B_025_025e	0.0	0.25	0.0	0.25	0.25	0.125	150
19	G25B_025_025e	0.0	0.25	0.125	0.25	0.25	0.125	180
20	G50B_025_025e	0.0	0.25	0.25	0.25	0.25	0.125	210
21	G65B_037_037e	0.0	0.25	0.375	0.375	0.375	0.187	229
22	G75B_050_050e	0.0	0.25	0.5	0.5	0.5	0.25	240
23	G80B_062_062e	0.0	0.25	0.625	0.625	0.625	0.312	247
24	G84B_075_075e	0.0	0.25	0.75	0.75	0.75	0.375	251
25	G86B_087_087e	0.0	0.25	0.875	0.875	0.875	0.437	254
26	G88B_100_100e	0.0	0.25	1.0	1.0	1.0	0.5	256
27	G00B_037_037e	0.0	0.375	0.0	0.375	0.375	0.187	150
28	G15B_037_037e	0.0	0.375	0.125	0.375	0.375	0.187	169
29	G34B_037_037e	0.0	0.375	0.25	0.375	0.375	0.187	191
30	G50B_037_037e	0.0	0.375	0.375	0.375	0.375	0.187	210
31	G61B_050_050e	0.0	0.375	0.5	0.5	0.5	0.25	224
32	G69B_062_062e	0.0	0.375	0.625	0.625	0.625	0.312	233
33	G75B_075_075e	0.0	0.375	0.75	0.75	0.75	0.375	240
34	G79B_087_087e	0.0	0.375	0.875	0.875	0.875	0.437	245
35	G81B_100_100e	0.0	0.375	1.0	1.0	1.0	0.5	248
36	G00B_050_050e	0.0	0.5	0.0	0.5	0.5	0.25	150
37	G11B_050_050e	0.0	0.5	0.125	0.5	0.5	0.25	164
38	G25B_050_050e	0.0	0.5	0.25	0.5	0.5	0.25	180
39	G38B_050_050e	0.0	0.5	0.375	0.5	0.5	0.25	196
40	G50B_050_050e	0.0	0.5	0.5	0.5	0.5	0.25	210
41	G59B_062_062e	0.0	0.5	0.625	0.625	0.625	0.312	221
42	G65B_075_075e	0.0	0.5	0.75	0.75	0.75	0.375	229
43	G70B_087_087e	0.0	0.5	0.875	0.875	0.875	0.437	235
44	G75B_100_100e	0.0	0.5	1.0	1.0	1.0	0.5	240
45	G00B_062_062e	0.0	0.625	0.0	0.625	0.625	0.312	150
46	G09B_062_062e	0.0	0.625	0.125	0.625	0.625	0.312	161
47	G19B_062_062e	0.0	0.625	0.25	0.625	0.625	0.312	173
48	G30B_062_062e	0.0	0.625	0.375	0.625	0.625	0.312	187
49	G40B_062_062e	0.0	0.625	0.5	0.625	0.625	0.312	199
50	G50B_062_062e	0.0	0.625	0.625	0.625	0.625	0.312	210
51	G57B_075_075e	0.0	0.625	0.75	0.75	0.75	0.375	219
52	G63B_087_087e	0.0	0.625	0.875	0.875	0.875	0.437	226
53	G68B_100_100e	0.0	0.625	1.0	1.0	1.0	0.5	232
54	G00B_075_075e	0.0	0.75	0.0	0.75	0.75	0.375	150
55	G07B_075_075e	0.0	0.75	0.125	0.75	0.75	0.375	159
56	G15B_075_075e	0.0	0.75	0.25	0.75	0.75	0.375	169
57	G25B_075_075e	0.0	0.75	0.375	0.75	0.75	0.375	180
58	G34B_075_075e	0.0	0.75	0.5	0.75	0.75	0.375	191
59	G42B_075_075e	0.0	0.75	0.625	0.75	0.75	0.375	201
60	G50B_075_075e	0.0	0.75	0.75	0.75	0.75	0.375	210
61	G56B_087_087e	0.0	0.75	0.875	0.875	0.875	0.437	218
62	G61B_100_100e	0.0	0.75	1.0	1.0	1.0	0.5	224
63	G00B_087_087e	0.0	0.875	0.0	0.875	0.875	0.437	150
64	G06B_087_087e	0.0	0.875	0.125	0.875	0.875	0.437	158
65	G13B_087_087e	0.0	0.875	0.25	0.875	0.875	0.437	166
66	G20B_087_087e	0.0	0.875	0.375	0.875	0.875	0.437	175
67	G29B_087_087e	0.0	0.875	0.5	0.875	0.875	0.437	185
68	G36B_087_087e	0.0	0.875	0.625	0.875	0.875	0.437	194
69	G43B_087_087e	0.0	0.875	0.75	0.875	0.875	0.437	202
70	G50B_087_087e	0.0	0.875	0.875	0.875	0.875	0.437	210
71	G55B_100_100e	0.0	0.875	1.0	1.0	1.0	0.5	217
72	G00B_100_100e	0.0	1.0	0.0	1.0	1.0	0.5	150
73	G05B_100_100e	0.0	1.0	0.125	1.0	1.0	0.5	157
74	G11B_100_100e	0.0	1.0	0.25	1.0	1.0	0.5	164
75	G18B_100_100e	0.0	1.0	0.375	1.0	1.0	0.5	172
76	G25B_100_100e	0.0	1.0	0.5	1.0	1.0	0.5	180
77	G31B_100_100e	0.0	1.0	0.625	1.0	1.0	0.5	188
78	G38B_100_100e	0.0	1.0	0.75	1.0	1.0	0.5	196
79	G44B_100_100e	0.0	1.0	0.875	1.0	1.0	0.5	203
80	G50B_100_100e	0.0	1.0	1.0	1.0	1.0	0.5	210

n=j	rgb*Fe			LabCh*Fe				
0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0
1	0.0	0.046	0.125	22.5	0.2	−6.6	6.6	271.7
2	0.0	0.092	0.25	25.0	0.4	−13.3	13.3	271.7
3	0.0	0.138	0.375	27.5	0.6	−20.0	20.0	271.7
4	0.0	0.184	0.5	30.0	0.8	−26.7	26.7	271.7
5	0.0	0.23	0.625	32.5	1.0	−33.4	33.4	271.7
6	0.0	0.276	0.75	35.0	1.2	−40.1	40.1	271.7
7	0.0	0.322	0.875	37.5	1.4	−46.8	46.8	271.7
8	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
9	0.0	0.125	0.007	24.2	−7.3	2.3	7.7	162.2
10	0.0	0.125	0.09	24.5	−4.3	−3.2	5.4	216.9
11	0.0	0.248	0.25	28.0	−5.6	−11.8	13.1	244.3
12	0.0	0.272	0.375	31.6	−5.7	−20.5	21.3	254.3
13	0.0	0.315	0.5	34.7	−5.4	−27.8	28.3	258.9
14	0.0	0.355	0.625	37.2	−5.0	−34.5	34.9	261.6
15	0.0	0.395	0.75	39.6	−4.6	−41.2	41.4	263.5
16	0.0	0.443	0.875	42.3	−4.6	−47.9	48.1	264.4
17	0.0	0.487	1.0	44.8	−4.4	−54.6	54.7	265.3
18	0.0	0.25	0.015	28.5	−14.6	4.7	15.4	162.2
19	0.0	0.25	0.112	28.7	−11.6	−1.9	11.8	189.6
20	0.0	0.25	0.18	29.0	−8.6	−6.5	10.8	216.9
21	0.0	0.375	0.342	32.6	−10.6	−14.7	18.2	234.3
22	0.0	0.496	0.5	36.0	−11.3	−23.6	26.2	244.3
23	0.0	0.508	0.625	39.6	−11.4	−32.8	34.8	250.7
24	0.0	0.544	0.75	43.3	−11.4	−41.1	42.6	254.3
25	0.0	0.585	0.875	46.3	−11.0	−48.4	49.7	257.1
26	0.0	0.631	1.0	49.4	−10.8	−55.7	56.7	258.9
27	0.0	0.375	0.023	32.7	−22.0	7.0	23.1	162.2
28	0.0	0.375	0.122	32.8	−19.2	0.1	19.2	179.5
29	0.0	0.375	0.207	33.4	−15.8	−5.6	16.8	199.6
30	0.0	0.375	0.271	33.5	−13.0	−9.7	16.2	216.9
31	0.0	0.5	0.435	37.2	−15.1	−17.8	23.4	229.7
32	0.0	0.625	0.59	40.7	−16.5	−26.4	31.2	237.9
33	0.0	0.744	0.75	44.0	−17.0	−35.4	39.3	244.3
34	0.0	0.753	0.875	47.5	−17.2	−44.7	47.9	248.9
35	0.0	0.79	1.0	51.5	−17.6	−53.3	56.1	251.6
36	0.0	0.5	0.031	36.9	−29.3	9.4	30.8	162.2
37	0.0	0.5	0.126	36.9	−26.5	2.3	26.6	175.0
38	0.0	0.5	0.224	37.5	−23.3	−3.9	23.7	189.6
39	0.0	0.5	0.3	37.9	−20.1	−9.0	22.0	204.2
40	0.0	0.5	0.361	38.0	−17.3	−13.0	21.7	216.9
41	0.0	0.625	0.523	41.8	−19.5	−20.9	28.6	227.0
42	0.0	0.75	0.684	45.2	−21.2	−29.5	36.4	234.3
43	0.0	0.875	0.841	48.7	−22.2	−38.3	44.3	239.7
44	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
45	0.0	0.625	0.039	41.1	−36.7	11.7	38.5	162.2
46	0.0	0.625	0.131	41.0	−34.1	4.6	34.5	172.2
47	0.0	0.625	0.238	41.5	−31.0	−1.7	31.0	183.2
48	0.0	0.625	0.323	42.2	−27.3	−7.8	28.4	195.9
49	0.0	0.625	0.393	42.4	−24.3	−12.3	27.3	206.9
50	0.0	0.625	0.452	42.5	−21.6	−16.3	27.1	216.9
51	0.0	0.75	0.611	46.3	−23.9	−24.0	33.9	225.1
52	0.0	0.875	0.777	49.8	−25.8	−32.5	41.5	231.5
53	0.0	1.0	0.937	53.2	−26.9	−41.6	49.6	237.0
54	0.0	0.75	0.047	45.4	−44.0	14.1	46.2	162.2
55	0.0	0.75	0.136	45.2	−41.7	7.0	42.3	170.4
56	0.0	0.75	0.244	45.6	−38.4	0.2	38.4	179.5
57	0.0	0.75	0.337	46.2	−35.0	−5.9	35.5	189.6
58	0.0	0.75	0.415	46.7	−31.6	−11.3	33.6	199.6
59	0.0	0.75	0.484	46.9	−28.7	−15.7	32.7	208.7
60	0.0	0.75	0.542	47.0	−26.0	−19.5	32.5	216.9
61	0.0	0.875	0.703	50.9	−28.1	−27.4	39.3	224.2
62	0.0	1.0	0.871	54.4	−30.2	−35.7	46.8	229.7
63	0.0	0.875	0.055	49.6	−51.3	16.4	53.9	162.2
64	0.0	0.875	0.147	49.4	−49.1	9.0	49.9	169.5
65	0.0	0.875	0.246	49.6	−45.9	2.5	45.9	176.8
66	0.0	0.875	0.35	50.3	−42.7	−3.7	42.9	185.0
67	0.0	0.875	0.436	51.0	−38.8	−9.8	40.0	194.1
68	0.0	0.875	0.509	51.3	−35.9	−14.8	38.8	202.3
69	0.0	0.875	0.573	51.4	−33.1	−18.9	38.2	209.6
70	0.0	0.875	0.632	51.5	−30.3	−22.8	38.0	216.9
71	0.0	1.0	0.793	55.4	−32.4	−30.6	44.6	223.3
72	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
73	0.0	1.0	0.153	53.6	−56.6	11.4	57.7	168.6
74	0.0	1.0	0.252	53.7	−53.1	4.6	53.3	175.0
75	0.0	1.0	0.369	54.4	−50.0	−2.0	50.0	182.3
76	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
77	0.0	1.0	0.526	55.5	−43.3	−13.1	45.3	196.9
78	0.0	1.0	0.601	55.8	−40.2	−18.0	44.1	204.2
79	0.0	1.0	0.663	55.9	−37.5	−22.2	43.6	210.5
80	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9

n=j	rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e
0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	360
1	0.0	0.0	0.125	24.4	4.8	−11.2	12.2	293.4	6.7	248
2	0.0	0.0	0.25	23.6	5.2	−19.9	20.5	284.7	8.2	248
3	0.0	0.0	0.375	28.1	10.9	−28.9	31.0	290.7	13.7	248
4	0.0	0.0	0.5	29.6	19.6	−39.6	44.3	296.3	22.8	248
5	0.0	0.0	0.625	28.1	26.4	−44.8	52.1	300.5	28.2	248
6	0.0	0.0	0.75	29.1	26.5	−44.7	52.0	300.6	26.4	248
7	0.0	0.0	0.875	30.8	27.2	−44.4	52.1	301.4	26.7	248
8	0.0	0.0	1.0	32.3	25.6	−44.5	51.4	299.9	26.7	248
9	0.0	0.125	0.0	29.7	−5.3	1.9	5.6	159.7	5.8	153
10	0.0	0.125	0.125	28.2	−6.2	−11.2	12.9	240.9	9.0	194
11	0.0	0.125	0.25	28.8	−3.3	−20.2	20.4	260.6	8.7	210
12	0.0	0.125	0.375	31.0	−1.3	−29.0	29.0	267.2	9.5	225
13	0.0	0.125	0.5	33.0	5.8	−39.7	40.1	278.3	16.4	231
14	0.0	0.125	0.625	34.2	13.1	−47.0	48.8	285.6	22.2	235
15	0.0	0.125	0.75	33.4	17.1	−47.9	50.9	289.6	23.6	238
16	0.0	0.125	0.875	34.0	18.9	−47.3	50.9	291.7	25.0	239
17	0.0	0.125	1.0	34.5	17.3	−48.1	51.1	289.8	24.9	240
18	0.0	0.25	0.0	32.6	−17.6	3.4	17.9	168.8	5.2	153
19	0.0	0.25	0.125	30.8	−14.1	−6.4	15.5	204.3	5.4	176
20	0.0	0.25	0.25	35.0	−8.8	−19.3	21.2	245.4	14.1	194
21	0.0	0.25	0.375	35.4	−6.6	−27.5	28.3	256.4	13.6	205
22	0.0	0.25	0.5	36.1	−3.4	−36.0	36.2	264.5	14.7	210
23	0.0	0.25	0.625	36.4	0.1	−44.8	44.8	270.2	17.0	220
24	0.0	0.25	0.75	36.3	4.3	−50.2	50.4	274.9	19.5	225
25	0.0	0.25	0.875	35.3	8.8	−51.6	52.4	279.7	23.0	228
26	0.0	0.25	1.0	35.8	8.1	−51.5	52.1	278.9	23.7	231
27	0.0	0.375	0.0	38.3	−29.9	8.8	31.2	163.5	9.8	153
28	0.0	0.375	0.125	36.5	−26.7	−3.1	26.9	186.6	8.9	168
29	0.0	0.375	0.25	37.2	−20.0	−16.0	25.6	218.6	11.7	183
30	0.0	0.375	0.375	39.2	−14.3	−27.5	31.0	242.4	18.7	194
31	0.0	0.375	0.5	39.2	−9.3	−35.8	37.0	255.3	18.9	203
32	0.0	0.375	0.625	40.8	−6.2	−42.8	43.2	261.6	19.3	207
33	0.0	0.375	0.75	41.8	−2.7	−50.9	50.9	266.9	21.1	210
34	0.0	0.375	0.875	41.9	−0.7	−53.0	53.0	269.1	19.2	217
35	0.0	0.375	1.0	40.2	1.2	−53.5	53.5	271.3	22.0	221
36	0.0	0.5	0.0	41.9	−54.1	17.3	56.8	162.2	26.4	153
37	0.0	0.5	0.125	42.4	−53.5	4.8	53.7	174.8	27.6	164
38	0.0	0.5	0.25	40.6	−36.7	−10.3	38.1	195.6	15.1	176
39	0.0	0.5	0.375	42.0	−27.9	−24.4	37.1	221.1	17.7	186
40	0.0	0.5	0.5	43.3	−16.7	−35.4	39.1	244.7	23.0	194
41	0.0	0.5	0.625	43.7	−14.4	−41.4	43.8	250.8	21.1	201
42	0.0	0.5	0.75	46.4	−11.5	−49.1	50.4	256.7	21.8	205
43	0.0	0.5	0.875	47.0	−7.5	−54.3	54.8	262.0	21.8	208
44	0.0	0.5	1.0	45.3	−5.0	−54.6	54.9	264.7	20.2	210
45	0.0	0.625	0.0	46.5	−61.0	20.5	64.4	161.4	26.4	153
46	0.0	0.625	0.125	46.6	−66.0	11.4	67.0	170.1	33.0	161
47	0.0	0.625	0.25	47.6	−61.4	−2.5	61.4	182.3	30.9	172
48	0.0	0.625	0.375	48.1	−47.8	−16.6	50.6	199.2	23.1	181
49	0.0	0.625	0.5	49.9	−38.9	−30.4	49.3	218.0	24.3	188
50	0.0	0.625	0.625	49.0	−24.1	−40.9	47.5	239.4	25.5	194
51	0.0	0.625	0.75	49.4	−21.4	−45.2	50.0	244.6	21.5	200
52	0.0	0.625	0.875	49.8	−16.0	−52.0	54.4	252.8	21.7	204
53	0.0	0.625	1.0	49.3	−10.5	−55.7	56.7	259.2	21.9	206
54	0.0	0.75	0.0	50.1	−64.7	21.1	68.1	161.9	22.3	153
55	0.0	0.75	0.125	48.9	−66.7	12.6	67.9	169.2	25.8	159
56	0.0	0.75	0.25	48.8	−61.2	0.1	61.2	179.9	23.0	168
57	0.0	0.75	0.375	49.9	−51.9	−12.9	53.5	194.0	18.6	176
58	0.0	0.75	0.5	51.0	−42.7	−24.4	49.2	209.8	17.6	183
59	0.0	0.75	0.625	51.6	−34.0	−34.2	48.2	225.1	19.7	189
60	0.0	0.75	0.75	51.1	−26.7	−43.2	50.8	238.2	23.9	194
61	0.0	0.75	0.875	51.1	−22.6	−47.7	52.8	244.6	20.9	199
62	0.0	0.75	1.0	51.5	−16.4	−54.5	56.9	253.2	23.5	203
63	0.0	0.875	0.0	51.7	−63.6	22.2	67.4	160.7	13.7	153
64	0.0	0.875	0.125	51.4	−60.6	12.4	61.9	168.3	12.1	159
65	0.0	0.875	0.25	51.4	−56.9	1.8	56.9	178.1	11.1	165
66	0.0	0.875	0.375	52.5	−51.1	−7.0	51.5	187.8	9.2	173
67	0.0	0.875	0.5	53.1	−43.1	−19.1	47.1	203.9	10.5	179
68	0.0	0.875	0.625	53.7	−36.7	−26.5	45.3	215.8	12.0	185
69	0.0	0.875	0.75	52.7	−32.3	−35.0	47.6	227.2	16.1	190
70	0.0	0.875	0.875	51.1	−24.9	−45.7	52.0	241.3	23.4	194
71	0.0	0.875	1.0	51.4	−20.0	−50.6	54.4	248.3	23.8	198
72	0.0	1.0	0.0	54.1	−59.5	24.4	64.3	157.6	5.6	153
73	0.0	1.0	0.125	53.6	−57.4	13.5	59.0	166.7	2.3	158
74	0.0	1.0	0.25	53.7	−53.2	4.8	53.4	174.8	0.1	164
75	0.0	1.0	0.375	54.4	−49.8	−2.2	49.9	182.6	0.3	171
76	0.0	1.0	0.5	55.4	−44.3	−11.3	45.7	194.3	4.2	176
77	0.0	1.0	0.625	55.9	−39.1	−19.5	43.7	206.4	7.6	181
78	0.0	1.0	0.75	56.0	−33.2	−27.7	43.3	219.8	11.9	186
79	0.0	1.0	0.875	54.4	−30.1	−36.0	46.9	230.0	15.7	190
80	0.0	1.0	1.0	52.1	−22.8	−47.0	52.2	244.1	24.3	194

Mean color difference of this page: **delta *E**' = *17.4***

n=j	rgb*Me			LabCh*Me				
0	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
2	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
3	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
4	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
5	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
6	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
7	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
8	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
9	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
10	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
11	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
12	0.0	0.725	1.0	51.1	−15.3	−54.8	56.9	254.3
13	0.0	0.631	1.0	49.4	−10.8	−55.7	56.7	258.9
14	0.0	0.569	1.0	47.5	−8.0	−55.3	55.9	261.6
15	0.0	0.527	1.0	46.2	−6.2	−54.9	55.3	263.5
16	0.0	0.506	1.0	45.5	−5.3	−54.7	55.0	264.4
17	0.0	0.487	1.0	44.8	−4.4	−54.6	54.7	265.3
18	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
19	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
20	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
21	0.0	1.0	0.912	53.7	−28.3	−39.4	48.5	234.3
22	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
23	0.0	0.814	1.0	51.4	−18.3	−52.5	55.6	250.7
24	0.0	0.725	1.0	51.1	−15.3	−54.8	56.9	254.3
25	0.0	0.668	1.0	50.1	−12.6	−55.3	56.8	257.1
26	0.0	0.631	1.0	49.4	−10.8	−55.7	56.7	258.9
27	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
28	0.0	1.0	0.325	54.1	−51.3	0.3	51.3	179.5
29	0.0	1.0	0.554	55.6	−42.2	−15.0	44.8	199.6
30	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
31	0.0	1.0	0.871	54.4	−30.2	−35.7	46.8	229.7
32	0.0	1.0	0.945	53.1	−26.4	−42.3	49.9	237.9
33	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
34	0.0	0.861	1.0	51.4	−19.6	−51.0	54.7	248.9
35	0.0	0.79	1.0	51.5	−17.6	−53.3	56.1	251.6
36	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
37	0.0	1.0	0.252	53.7	−53.1	4.6	53.3	175.0
38	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
39	0.0	1.0	0.601	55.8	−40.2	−18.0	44.1	204.2
40	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
41	0.0	1.0	0.837	54.8	−31.2	−33.5	45.8	227.0
42	0.0	1.0	0.912	53.7	−28.3	−39.4	48.5	234.3
43	0.0	1.0	0.961	52.8	−25.4	−43.7	50.6	239.7
44	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
45	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
46	0.0	1.0	0.21	53.7	−54.7	7.4	55.2	172.2
47	0.0	1.0	0.381	54.4	−49.6	−2.7	49.7	183.2
48	0.0	1.0	0.517	55.5	−43.6	−12.5	45.4	195.9
49	0.0	1.0	0.629	55.9	−39.0	−19.8	43.7	206.9
50	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
51	0.0	1.0	0.815	55.1	−31.8	−32.1	45.2	225.1
52	0.0	1.0	0.888	54.1	−29.5	−37.2	47.5	231.5
53	0.0	1.0	0.937	53.2	−26.9	−41.6	49.6	237.0
54	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
55	0.0	1.0	0.182	53.6	−55.6	9.3	56.4	170.4
56	0.0	1.0	0.325	54.1	−51.3	0.3	51.3	179.5
57	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
58	0.0	1.0	0.554	55.6	−42.2	−15.0	44.8	199.6
59	0.0	1.0	0.646	55.9	−38.3	−21.0	43.6	208.7
60	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
61	0.0	1.0	0.804	55.3	−32.1	−31.3	44.9	224.2
62	0.0	1.0	0.871	54.4	−30.2	−35.7	46.8	229.7
63	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
64	0.0	1.0	0.168	53.6	−56.1	10.3	57.1	169.5
65	0.0	1.0	0.281	53.9	−52.4	2.9	52.5	176.8
66	0.0	1.0	0.4	54.6	−48.8	−4.3	49.0	185.0
67	0.0	1.0	0.498	55.4	−44.3	−11.2	45.7	194.1
68	0.0	1.0	0.582	55.7	−41.0	−16.9	44.4	202.3
69	0.0	1.0	0.654	55.9	−37.9	−21.6	43.6	209.6
70	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
71	0.0	1.0	0.793	55.4	−32.4	−30.6	44.6	223.3
72	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
73	0.0	1.0	0.153	53.6	−56.6	11.4	57.7	168.6
74	0.0	1.0	0.252	53.7	−53.1	4.6	53.3	175.0
75	0.0	1.0	0.369	54.4	−50.0	−2.0	50.0	182.3
76	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
77	0.0	1.0	0.526	55.5	−43.3	−13.1	45.3	196.9
78	0.0	1.0	0.601	55.8	−40.2	−18.0	44.1	204.2
79	0.0	1.0	0.663	55.9	−37.5	−22.2	43.6	210.5
80	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9

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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

1−0131930−F0

n	HIC^*_{Fe}	rgb_{Fe}			ict_{Fe}			$h_{si\_F,e}$	rgb^*_{Fe}			$LabCh^*_{Fe}$				
81	R00Y_012_012e	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
82	B50R_012_012e	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
83	B25R_025_025e	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
84	B15R_037_037e	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
85	B11R_050_050e	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
86	B09R_062_062e	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
87	B07R_075_075e	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
88	B06R_087_087e	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
89	B05R_100_100e	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
90	Y00G_012_012e	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
91	NW_012e	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
92	B00R_025_012e	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
93	B00R_037_025e	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
94	B00R_050_037e	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
95	B00R_062_050e	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
96	B00R_075_062e	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
97	B00R_087_075e	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
98	B00R_100_087e	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
99	Y50G_025_025e	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
100	G00B_025_012e	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
101	G50B_025_012e	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
102	G75B_037_025e	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
103	G84B_050_037e	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
104	G88B_062_050e	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
105	G90B_075_062e	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
106	G92B_087_075e	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
107	G93B_100_087e	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
108	Y68G_037_037e	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
109	G00B_037_025e	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
110	G25B_037_025e	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
111	G50B_037_025e	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
112	G65B_050_037e	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
113	G75B_062_050e	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
114	G80B_075_062e	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
115	G84B_087_075e	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
116	G86B_100_087e	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
117	Y76G_050_050e	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
118	G00B_050_037e	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
119	G15B_050_037e	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
120	G34B_050_037e	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
121	G50B_050_037e	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
122	G61B_062_050e	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
123	G69B_075_062e	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
124	G75B_087_075e	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
125	G79B_100_087e	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
126	Y81G_062_062e	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
127	G00B_062_050e	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
128	G11B_062_050e	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
129	G25B_062_050e	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
130	G38B_062_050e	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
131	G50B_062_050e	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
132	G59B_075_062e	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
133	G65B_087_075e	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
134	G70B_100_087e	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
135	Y85G_075_075e	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
136	G00B_075_062e	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
137	G09B_075_062e	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
138	G19B_075_062e	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
139	G30B_075_062e	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
140	G40B_075_062e	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
141	G50B_075_062e	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
142	G57B_087_075e	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
143	G63B_100_087e	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
144	Y86G_087_087e	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
145	G00B_087_075e	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
146	G07B_087_075e	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
147	G15B_087_075e	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
148	G25B_087_075e	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
149	G34B_087_075e	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
150	G42B_087_075e	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
151	G50B_087_075e	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
152	G56B_100_087e	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
153	Y88G_100_100e	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
154	G00B_100_087e	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
155	G06B_100_087e	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
156	G13B_100_087e	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
157	G20B_100_087e	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
158	G29B_100_087e	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
159	G36B_100_087e	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
160	G43B_100_087e	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
161	G50B_100_087e	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

n	$rgb^{*\prime}_{Fe}$			$LabCh^{*\prime}_{Fe}$					$DE^{*\prime}_{Fe}$	$h_{siM,e}$
81	0.125	0.0	0.0	22.5	5.6	4.9	7.4	41.4	2.5	30
82	0.125	0.0	0.125	25.9	10.2	−4.8	11.3	334.5	5.4	302
83	0.125	0.0	0.25	26.8	13.7	−14.8	20.2	312.6	8.9	270
84	0.125	0.0	0.375	28.2	16.8	−22.5	28.1	306.8	11.6	263
85	0.125	0.0	0.5	28.8	26.6	−31.9	41.5	309.8	21.1	260
86	0.125	0.0	0.625	28.5	33.1	−35.7	48.8	312.8	26.6	258
87	0.125	0.0	0.75	29.4	34.5	−39.4	52.4	311.2	27.7	257
88	0.125	0.0	0.875	30.2	34.4	−40.9	53.5	310.0	27.6	256
89	0.125	0.0	1.0	31.4	32.0	−42.2	53.0	307.1	26.6	255
90	0.125	0.125	0.0	28.7	−1.6	7.9	8.1	101.8	1.4	86
91	0.125	0.125	0.125	24.5	0.7	−0.8	1.1	312.2	4.9	360
92	0.125	0.125	0.25	28.7	4.1	−14.4	15.0	286.0	9.2	248
93	0.125	0.125	0.375	31.2	6.6	−22.5	23.4	286.4	11.4	248
94	0.125	0.125	0.5	35.1	11.5	−28.5	30.7	292.0	13.9	248
95	0.125	0.125	0.625	37.2	17.8	−35.3	39.6	296.7	19.1	248
96	0.125	0.125	0.75	38.3	19.4	−41.1	45.5	295.3	20.2	248
97	0.125	0.125	0.875	36.1	23.1	−44.7	50.4	297.3	23.9	248
98	0.125	0.125	1.0	34.5	25.2	−44.9	51.6	299.3	26.8	248
99	0.125	0.25	0.0	34.7	−8.0	12.3	14.7	123.1	2.6	125
100	0.125	0.25	0.125	34.8	−6.9	0.6	6.9	174.4	2.1	153
101	0.125	0.25	0.25	34.1	−5.5	−14.6	15.6	249.3	11.4	194
102	0.125	0.25	0.375	37.0	−1.4	−22.3	22.3	266.3	11.3	210
103	0.125	0.25	0.5	39.3	1.5	−28.7	28.7	273.0	11.0	225
104	0.125	0.25	0.625	42.4	4.9	−33.4	33.8	278.4	11.9	231
105	0.125	0.25	0.75	43.6	7.7	−39.9	40.6	280.9	14.1	235
106	0.125	0.25	0.875	39.1	14.2	−47.8	49.9	286.5	22.3	238
107	0.125	0.25	1.0	37.8	17.5	−46.9	50.0	290.4	26.1	239
108	0.125	0.375	0.0	38.4	−23.5	16.8	28.9	144.4	7.0	134
109	0.125	0.375	0.125	37.4	−17.6	2.7	17.8	171.0	3.5	153
110	0.125	0.375	0.25	36.2	−13.2	−8.7	15.8	213.5	7.2	176
111	0.125	0.375	0.375	41.1	−8.1	−22.8	24.2	250.4	16.5	194
112	0.125	0.375	0.5	42.1	−4.9	−28.3	28.8	260.2	14.7	205
113	0.125	0.375	0.625	44.8	−2.3	−32.7	32.8	265.8	12.8	210
114	0.125	0.375	0.75	46.2	−0.4	−38.1	38.1	269.3	12.5	220
115	0.125	0.375	0.875	44.3	2.6	−49.9	50.0	273.0	18.6	225
116	0.125	0.375	1.0	39.8	7.0	−50.9	51.4	277.8	24.2	228
117	0.125	0.5	0.0	41.9	−36.4	22.2	42.7	148.5	12.6	138
118	0.125	0.5	0.125	42.4	−23.8	6.0	24.6	165.7	2.1	153
119	0.125	0.5	0.25	42.9	−20.8	−5.5	21.6	194.8	5.9	168
120	0.125	0.5	0.375	44.1	−14.6	−18.2	23.4	231.2	12.7	183
121	0.125	0.5	0.5	46.1	−10.0	−29.7	31.3	251.2	20.4	194
122	0.125	0.5	0.625	48.2	−6.9	−34.3	35.0	258.5	18.4	203
123	0.125	0.5	0.75	49.3	−4.8	−38.4	38.7	262.7	16.7	207
124	0.125	0.5	0.875	49.5	−3.5	−47.0	47.1	265.7	18.2	210
125	0.125	0.5	1.0	45.0	−1.1	−52.6	52.6	268.7	21.4	217
126	0.125	0.625	0.0	47.7	−47.6	26.0	54.3	151.3	16.7	140
127	0.125	0.625	0.125	47.9	−32.1	9.9	33.6	162.7	3.3	153
128	0.125	0.625	0.25	48.1	−29.7	−0.7	29.7	181.5	4.8	164
129	0.125	0.625	0.375	48.9	−24.0	−13.0	27.3	208.4	9.3	176
130	0.125	0.625	0.5	50.2	−17.6	−24.6	30.3	234.4	16.1	186
131	0.125	0.625	0.625	51.6	−13.7	−34.1	36.7	248.0	21.7	194
132	0.125	0.625	0.75	52.2	−9.7	−39.4	40.6	256.0	20.8	201
133	0.125	0.625	0.875	52.2	−7.7	−45.2	45.9	260.2	20.7	205
134	0.125	0.625	1.0	49.9	−5.8	−53.3	53.6	263.7	23.6	208
135	0.125	0.75	0.0	52.4	−53.0	28.5	60.2	151.7	15.0	142
136	0.125	0.75	0.125	53.0	−37.5	12.9	39.7	160.9	3.0	153
137	0.125	0.75	0.25	53.0	−36.1	4.1	36.3	173.4	3.3	161
138	0.125	0.75	0.375	54.4	−34.3	−6.7	35.0	191.1	7.0	172
139	0.125	0.75	0.5	55.9	−27.7	−19.0	33.7	214.4	12.1	181
140	0.125	0.75	0.625	56.0	−23.8	−29.3	37.8	230.8	17.4	188
141	0.125	0.75	0.75	55.9	−17.6	−38.2	42.1	245.2	22.6	194
142	0.125	0.75	0.875	55.3	−12.9	−44.8	46.6	253.8	23.4	200
143	0.125	0.75	1.0	54.6	−11.2	−51.6	52.8	257.6	24.4	204
144	0.125	0.875	0.0	57.4	−54.5	30.7	62.6	150.5	10.6	143
145	0.125	0.875	0.125	58.3	−51.1	19.4	54.7	159.1	9.6	153
146	0.125	0.875	0.25	58.3	−47.7	8.8	48.5	169.5	7.3	159
147	0.125	0.875	0.375	58.4	−43.0	−3.3	43.1	184.4	6.8	168
148	0.125	0.875	0.5	59.4	−37.0	−14.3	39.7	201.1	9.4	176
149	0.125	0.875	0.625	59.7	−31.9	−23.1	39.4	215.8	12.3	183
150	0.125	0.875	0.75	59.2	−27.2	−32.3	42.2	229.8	16.8	189
151	0.125	0.875	0.875	58.5	−20.3	−42.3	46.9	244.3	23.5	194
152	0.125	0.875	1.0	57.3	−16.2	−49.6	52.2	251.8	25.3	199
153	0.125	1.0	0.0	57.2	−54.2	28.0	61.0	152.6	1.9	145
154	0.125	1.0	0.125	56.0	−54.6	19.8	58.1	160.0	5.5	153
155	0.125	1.0	0.25	55.7	−53.0	10.8	54.1	168.4	5.2	159
156	0.125	1.0	0.375	57.1	−47.7	1.6	47.7	178.0	2.7	165
157	0.125	1.0	0.5	57.5	−41.3	−10.2	42.6	193.9	6.9	173
158	0.125	1.0	0.625	58.4	−35.3	−20.6	40.9	210.3	11.6	179
159	0.125	1.0	0.75	58.2	−31.4	−27.2	41.5	220.9	13.4	185
160	0.125	1.0	0.875	58.5	−25.3	−35.9	44.0	234.8	18.9	190
161	0.125	1.0	1.0	55.1	−21.2	−46.1	50.8	245.2	25.6	194

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

n	rgb^*_{Me}			$LabCh^*_{Me}$				
81	1.0	0.0	0.0	45.9	61.7	29.4	68.4	25.4
82	0.544	0.0	1.0	36.4	51.8	−31.6	60.6	328.6
83	0.003	0.0	1.0	32.3	25.8	−44.4	51.4	300.1
84	0.0	0.125	1.0	34.5	17.2	−48.1	51.1	289.7
85	0.0	0.18	1.0	35.1	13.3	−49.8	51.6	285.0
86	0.0	0.213	1.0	35.4	10.9	−50.7	51.8	282.1
87	0.0	0.235	1.0	35.6	9.2	−51.2	52.0	280.2
88	0.0	0.246	1.0	35.8	8.4	−51.4	52.1	279.3
89	0.0	0.26	1.0	36.2	7.6	−51.7	52.2	278.3
90	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
91	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
92	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
93	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
94	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
95	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
96	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
97	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
98	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
99	0.416	1.0	0.0	69.6	−36.4	47.9	60.2	127.2
100	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
101	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
102	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
103	0.0	0.725	1.0	51.1	−15.3	−54.8	56.9	254.3
104	0.0	0.631	1.0	49.4	−10.8	−55.7	56.7	258.9
105	0.0	0.569	1.0	47.5	−8.0	−55.3	55.9	261.6
106	0.0	0.527	1.0	46.2	−6.2	−54.9	55.3	263.5
107	0.0	0.506	1.0	45.5	−5.3	−54.7	55.0	264.4
108	0.28	1.0	0.0	63.1	−46.1	38.6	60.2	140.0
109	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
110	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
111	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
112	0.0	1.0	0.912	53.7	−28.3	−39.4	48.5	234.3
113	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
114	0.0	0.814	1.0	51.4	−18.3	−52.5	55.6	250.7
115	0.0	0.725	1.0	51.1	−15.3	−54.8	56.9	254.3
116	0.0	0.668	1.0	50.1	−12.6	−55.3	56.8	257.1
117	0.217	1.0	0.0	60.3	−50.1	33.9	60.5	145.9
118	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
119	0.0	1.0	0.325	54.1	−51.3	0.3	51.3	179.5
120	0.0	1.0	0.554	55.6	−42.2	−15.0	44.8	199.6
121	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
122	0.0	1.0	0.871	54.4	−30.2	−35.7	46.8	229.7
123	0.0	1.0	0.945	53.1	−26.4	−42.3	49.9	237.9
124	0.0	0.992	1.0	52.0	−22.6	−47.2	52.4	244.3
125	0.0	0.861	1.0	51.4	−19.6	−51.0	54.7	248.9
126	0.169	1.0	0.0	58.7	−52.3	30.9	60.8	149.4
127	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
128	0.0	1.0	0.252	53.7	−53.1	4.6	53.3	175.0
129	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
130	0.0	1.0	0.601	55.8	−40.2	−18.0	44.1	204.2
131	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
132	0.0	1.0	0.837	54.8	−31.2	−33.5	45.8	227.0
133	0.0	1.0	0.912	53.7	−28.3	−39.4	48.5	234.3
134	0.0	1.0	0.961	52.8	−25.4	−43.7	50.6	239.7
135	0.137	1.0	0.0	57.6	−53.7	28.8	61.0	151.7
136	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
137	0.0	1.0	0.21	53.7	−54.7	7.4	55.2	172.2
138	0.0	1.0	0.381	54.4	−49.6	−2.7	49.7	183.2
139	0.0	1.0	0.517	55.5	−43.6	−12.5	45.4	195.9
140	0.0	1.0	0.629	55.9	−39.0	−19.8	43.7	206.9
141	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
142	0.0	1.0	0.815	55.1	−31.8	−32.1	45.2	225.1
143	0.0	1.0	0.888	54.1	−29.5	−37.2	47.5	231.5
144	0.118	1.0	0.0	57.0	−54.5	27.8	61.2	152.9
145	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
146	0.0	1.0	0.182	53.6	−55.6	9.3	56.4	170.4
147	0.0	1.0	0.325	54.1	−51.3	0.3	51.3	179.5
148	0.0	1.0	0.449	55.0	−46.7	−7.9	47.4	189.6
149	0.0	1.0	0.554	55.6	−42.2	−15.0	44.8	199.6
150	0.0	1.0	0.646	55.9	−38.3	−21.0	43.6	208.7
151	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9
152	0.0	1.0	0.804	55.3	−32.1	−31.3	44.9	224.2
153	0.089	1.0	0.0	56.3	−55.7	27.1	61.9	154.0
154	0.0	1.0	0.062	53.8	−58.7	18.8	61.6	162.2
155	0.0	1.0	0.168	53.6	−56.1	10.3	57.1	169.5
156	0.0	1.0	0.281	53.9	−52.4	2.9	52.5	176.8
157	0.0	1.0	0.4	54.6	−48.8	−4.3	49.0	185.0
158	0.0	1.0	0.498	55.4	−44.3	−11.2	45.7	194.1
159	0.0	1.0	0.582	55.7	−41.0	−16.9	44.4	202.3
160	0.0	1.0	0.654	55.9	−37.9	−21.6	43.6	209.6
161	0.0	1.0	0.723	56.0	−34.7	−26.1	43.4	216.9

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 $cmyk_e$

TUB registration: 20150701-RE67/RE67L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

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

1−0132030−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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*$_{Fe}$				
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

n	rgb*'$_{Fe}$			LabCh*'$_{Fe}$					DE*'$_{Fe}$	$h_{siM,e}$	rgb*$_{Me}$			LabCh*$_{Me}$				
162	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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***

1−0132130−F0 RE670−7N, Page 22/33−F

TUB-test chart RE67; 1080 standard colours, cf=1 input: $rgb/cmyk -> rgb_e$
colors and differences, ΔE^{*}' output: transfer to $cmyk_e$

1−0132130−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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			hsi_F,e	rgb*Fe			LabCh*Fe				
243	R00Y_037_037e	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
244	R18Y_037_037e	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
245	B65R_037_037e	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
246	B50R_037_037e	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
247	B38R_050_050e	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
248	B30R_062_062e	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
249	B25R_075_075e	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
250	B20R_087_087e	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
251	B18R_100_100e	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
252	R31Y_037_037e	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
253	R00Y_037_025e	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
254	R00Y_037_025e	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
255	B50R_037_025e	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
256	B34R_050_037e	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
257	B25R_062_050e	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
258	B19R_075_062e	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
259	B15R_087_075e	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
260	B13R_100_087e	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
261	R68Y_037_037e	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
262	R50Y_037_025e	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
263	R00Y_037_012e	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
264	B50R_037_012e	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
265	B25R_050_025e	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
266	B15R_062_037e	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
267	B11R_075_050e	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
268	B09R_087_062e	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
269	B07R_100_075e	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
270	Y00G_037_037e	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
271	Y00G_037_025e	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
272	Y00G_037_012e	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
273	NW_037e	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
274	B00R_050_012e	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
275	B00R_062_025e	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
276	B00R_075_037e	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
277	B00R_087_050e	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
278	B00R_100_062e	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
279	Y23G_050_050e	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
280	Y31G_050_037e	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
281	Y50G_050_025e	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
282	G00B_050_012e	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
283	G50B_050_012e	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
284	G75B_062_025e	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
285	G84B_075_037e	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
286	G88B_087_050e	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
287	G90B_100_062e	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
288	Y38G_062_062e	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
289	Y50G_062_050e	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
290	Y68G_062_037e	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
291	G00B_062_025e	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
292	G25B_062_025e	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
293	G50B_062_025e	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
294	G65B_075_037e	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
295	G75B_087_050e	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
296	G80B_100_062e	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
297	Y50G_075_075e	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
298	Y61G_075_062e	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
299	Y76G_075_050e	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
300	G00B_075_037e	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
301	G15B_075_037e	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
302	G34B_075_037e	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
303	G50B_075_037e	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
304	G61B_087_050e	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
305	G69B_100_062e	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
306	Y58G_087_087e	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
307	Y68G_087_075e	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
308	Y81G_087_062e	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
309	G00B_087_050e	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
310	G11B_087_050e	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
311	G25B_087_050e	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
312	G38B_087_050e	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
313	G50B_087_050e	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
314	G59B_100_062e	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
315	Y63G_100_100e	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
316	Y73G_100_087e	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
317	Y85G_100_075e	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
318	G00B_100_062e	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
319	G09B_100_062e	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
320	G19B_100_062e	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
321	G30B_100_062e	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
322	G40B_100_062e	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
323	G50B_100_062e	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

n	rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
243	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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 $cmyk_e$

1−0132230−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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			hsi_F,e	rgb*Fe			LabCh*Fe					rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
324	R00Y_050_050e	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_050e	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_050e	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_050e	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_050e	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_062e	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_075e	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_087e	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_100e	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_050e	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_037e	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_037e	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_037e	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_037e	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_050e	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_062e	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_075e	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_087e	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_050e	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_037e	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_025e	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_025e	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_025e	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_037e	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_050e	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_062e	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_075e	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_050e	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_037e	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_025e	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_012e	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_012e	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_025e	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_037e	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_050e	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_062e	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_050e	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_037e	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_025e	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_012e	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_050e	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_012e	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_025e	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_037e	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_050e	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_062e	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_050e	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_037e	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_025e	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_012e	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_012e	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_025e	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_037e	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_050e	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_075e	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_062e	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_050e	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_037e	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_025e	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_025e	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_025e	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_037e	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_050e	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_087e	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_075e	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_062e	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_050e	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_037e	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_037e	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_037e	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_037e	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_050e	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_100e	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_087e	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_075e	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_062e	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_050e	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_050e	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_050e	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_050e	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_050e	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 $E^{*\prime}$ = *14.0*

1-0132330-F0 RE670−7N, Page 24/33−F

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

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

1-0132330-F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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			hsi_F,e	rgb*Fe			LabCh*Fe					rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
405	R00Y_062_062e	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_062e	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_062e	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_062e	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_062e	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_062e	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_075e	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_087e	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_100e	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_062e	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_050e	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_050e	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_050e	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_050e	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_050e	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_062e	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_075e	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_087e	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_062e	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_050e	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_037e	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_037e	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_037e	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_037e	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_050e	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_062e	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_075e	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_062e	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_050e	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_037e	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_025e	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_025e	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_025e	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_037e	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_050e	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_062e	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_062e	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_050e	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_037e	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_025e	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_012e	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_012e	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_025e	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_037e	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_050e	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_062e	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_050e	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_037e	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_025e	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_012e	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_062e	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_012e	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_025e	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_037e	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_075e	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_062e	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_050e	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_037e	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_025e	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_012e	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_012e	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_025e	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_037e	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_087e	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_075e	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_062e	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_050e	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_037e	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_025e	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_025e	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_025e	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_037e	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_100e	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_087e	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_075e	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_062e	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_050e	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_037e	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_037e	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_037e	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_037e	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 $E^{*\prime}$ = *13.5*

1−0132430−F0 RE670−7N, Page 25/33−F

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

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

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 26/33

TUB registration: 20150701-RE67/RE67L0NP.PDF /.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*'Fe			LabCh*'Fe					DE*'Fe	$h_{siM,e}$	rgb*Me			LabCh*Me				
486	R00Y_075_075e	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_075e	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_075e	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_075e	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_075e	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_075e	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_075e	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_087e	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_100e	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_075e	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_062e	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_062e	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_062e	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_062e	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_062e	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_062e	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_075e	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_087e	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_075e	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_062e	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_050e	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_050e	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_050e	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_050e	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_050e	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_062e	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_075e	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_075e	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_062e	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_050e	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_037e	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_037e	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_037e	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_037e	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_050e	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_062e	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_075e	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_062e	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_050e	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_037e	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_025e	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_025e	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_025e	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_037e	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_050e	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_075e	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_062e	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_050e	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_037e	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_025e	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_012e	0.75	0.625	0.625	0.75	0.125	0.687	390	0.693	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_012e	0.75	0.625	0.75	0.75	0.125	0.687	330	0.625	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_025e	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_037e	0.75	0.625	1.0	1.0	0.375	0.812	289	0.75	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_075e	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_062e	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_050e	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_037e	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_025e	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_012e	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_075e	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_012e	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_025e	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_087e	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_075e	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_062e	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_050e	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_037e	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_025e	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_012e	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_012e	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_025e	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_100e	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_087e	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_075e	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_062e	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_050e	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_037e	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_025e	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_025e	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_025e	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 $E^{*\prime}$ = 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

1–0132530–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/RE67L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 27/33

n	HIC*Fe	rgb_Fe			ict_Fe			hsi_F,e	rgb*Fe			LabCh*Fe				
567	R00Y_087_087e	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
568	R36Y_087_087e	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
569	R23Y_087_087e	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
570	R08Y_087_087e	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
571	B70R_087_087e	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
572	B63R_087_087e	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
573	B56R_087_087e	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
574	B50R_087_087e	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
575	B44R_100_100e	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
576	R13Y_087_087e	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
577	R00Y_087_075e	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
578	R35Y_087_075e	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
579	R18Y_087_075e	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
580	R00Y_087_075e	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
581	B65R_087_075e	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
582	B57R_087_075e	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
583	B50R_087_075e	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
584	B43R_100_087e	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
585	R26Y_087_087e	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
586	R15Y_087_075e	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
587	R00Y_087_062e	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
588	R31Y_087_062e	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
589	R11Y_087_062e	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
590	B69R_087_062e	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
591	B59R_087_062e	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
592	B50R_087_062e	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
593	B42R_100_075e	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
594	R41Y_087_087e	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
595	R31Y_087_075e	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
596	R18Y_087_062e	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
597	R00Y_087_050e	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
598	R26Y_087_050e	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
599	R00Y_087_050e	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
600	B61R_087_050e	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
601	B50R_087_050e	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
602	B40R_100_062e	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
603	R58Y_087_087e	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
604	R50Y_087_075e	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
605	R38Y_087_062e	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
606	R23Y_087_050e	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
607	R00Y_087_037e	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
608	R18Y_087_037e	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
609	B65R_087_037e	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
610	B50R_087_037e	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
611	B38R_100_050e	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
612	R73Y_087_087e	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
613	R68Y_087_075e	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
614	R61Y_087_062e	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
615	R50Y_087_050e	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
616	R31Y_087_037e	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
617	R00Y_087_025e	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
618	R00Y_087_025e	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
619	B50R_087_025e	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
620	B34R_100_037e	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
621	R86Y_087_087e	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
622	R85Y_087_075e	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
623	R81Y_087_062e	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
624	R76Y_087_050e	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
625	R68Y_087_037e	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
626	R50Y_087_025e	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
627	R00Y_087_012e	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
628	B50R_087_012e	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
629	B25R_100_025e	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
630	Y00G_087_087e	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
631	Y00G_087_075e	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
632	Y00G_087_062e	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
633	Y00G_087_050e	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
634	Y00G_087_037e	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
635	Y00G_087_025e	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
636	Y00G_087_012e	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
637	NW_087e	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
638	B00R_100_012e	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
639	Y11G_100_100e	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
640	Y13G_100_087e	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
641	Y15G_100_075e	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
642	Y18G_100_062e	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
643	Y23G_100_050e	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
644	Y31G_100_037e	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
645	Y50G_100_025e	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
646	G00B_100_012e	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
647	G50B_100_012e	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

n	rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
567	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

1−0132630−F0

RE670−7N, Page 27/33−F

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

input: *rgb/cmyk* −> *rgb*e
output: transfer to *cmyk*e

1−0132630−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/RE67L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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				
648	R00Y_100_100e	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
649	R38Y_100_100e	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
650	R26Y_100_100e	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
651	R13Y_100_100e	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
652	R00Y_100_100e	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
653	B68R_100_100e	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
654	B61R_100_100e	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
655	B55R_100_100e	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
656	B50R_100_100e	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
657	R11Y_100_100e	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
658	R00Y_100_087e	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
659	R36Y_100_087e	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
660	R23Y_100_087e	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
661	R08Y_100_087e	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
662	B70R_100_087e	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
663	B63R_100_087e	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
664	B56R_100_087e	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
665	B50R_100_087e	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
666	R23Y_100_100e	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
667	R13Y_100_087e	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
668	R00Y_100_075e	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
669	R35Y_100_075e	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
670	R18Y_100_075e	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
671	R00Y_100_075e	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
672	B65R_100_075e	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
673	B57R_100_075e	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
674	B50R_100_075e	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
675	R36Y_100_100e	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
676	R26Y_100_087e	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
677	R15Y_100_075e	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
678	R00Y_100_062e	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
679	R31Y_100_062e	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
680	R11Y_100_062e	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
681	B69R_100_062e	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
682	B59R_100_062e	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
683	B50R_100_062e	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
684	R50Y_100_100e	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
685	R41Y_100_087e	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
686	R31Y_100_075e	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
687	R18Y_100_062e	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
688	R00Y_100_050e	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
689	R26Y_100_050e	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
690	R00Y_100_050e	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
691	B61R_100_050e	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
692	B50R_100_050e	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
693	R63Y_100_100e	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
694	R58Y_100_087e	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
695	R50Y_100_075e	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
696	R38Y_100_062e	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
697	R23Y_100_050e	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
698	R00Y_100_037e	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
699	R18Y_100_037e	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
700	B65R_100_037e	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
701	B50R_100_037e	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
702	R76Y_100_100e	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
703	R73Y_100_087e	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
704	R68Y_100_075e	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
705	R61Y_100_062e	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
706	R50Y_100_050e	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
707	R31Y_100_037e	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
708	R00Y_100_025e	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
709	R00Y_100_025e	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
710	B50R_100_025e	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
711	R88Y_100_100e	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
712	R86Y_100_087e	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
713	R85Y_100_075e	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
714	R81Y_100_062e	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
715	R76Y_100_050e	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
716	R68Y_100_037e	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
717	R50Y_100_025e	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
718	R00Y_100_012e	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
719	B50R_100_012e	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
720	Y00G_100_100e	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
721	Y00G_100_087e	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
722	Y00G_100_075e	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
723	Y00G_100_062e	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
724	Y00G_100_050e	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
725	Y00G_100_037e	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
726	Y00G_100_025e	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
727	Y00G_100_012e	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
728	NW_100e	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

n	rgb*'Fe			LabCh*'Fe					DE*'Fe	$h_{siM,e}$	rgb*Me			LabCh*Me				
648	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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, $\Delta E^{*\prime}$

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

1−0132730−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/RE67L0NP.PDF /.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}			$LabCh^*_{Fe}$					$rgb^{*\prime}_{Fe}$			$LabCh^{*\prime}_{Fe}$					$DE^{*\prime}_{Fe}$	$h_{siM,e}$	rgb^*_{Me}			$LabCh^*_{Me}$				
729	NW_100e	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_012e	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_025e	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_037e	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_050e	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_062e	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_075e	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_087e	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_100e	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_012e	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_087e	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_012e	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_025e	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_037e	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_050e	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_062e	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_075e	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_087e	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_025e	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_012e	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_075e	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_012e	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_025e	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_037e	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_050e	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_062e	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_075e	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_037e	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_025e	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_012e	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_062e	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_012e	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_025e	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_037e	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_050e	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_062e	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_050e	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_037e	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_025e	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_012e	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_050e	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_012e	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_025e	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_037e	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_050e	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_062e	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_050e	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_037e	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_025e	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_012e	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_037e	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_012e	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_025e	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_037e	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_075e	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_062e	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_050e	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_037e	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_025e	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_012e	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_025e	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_012e	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_025e	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_087e	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_075e	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_062e	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_050e	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_037e	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_025e	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_012e	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_012e	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_012e	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_100e	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_087e	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_075e	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_062e	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_050e	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_037e	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_025e	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_012e	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_000e	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 $E^{*\prime}$ = 14.0**

1−0132830−F0 RE670−7N, Page 29/33−F

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

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

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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_100e	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_012e	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_025e	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_037e	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_050e	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_062e	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_075e	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_087e	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_100e	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_012e	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_087e	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_012e	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_025e	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_037e	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_050e	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_062e	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_075e	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_087e	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_025e	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_012e	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_075e	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_012e	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_025e	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_037e	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_050e	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_062e	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_075e	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_037e	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_025e	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_012e	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_062e	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_012e	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_025e	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_037e	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_050e	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_062e	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_050e	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_037e	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_025e	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_012e	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_050e	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_012e	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_025e	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_037e	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_050e	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_062e	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_050e	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_037e	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_025e	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_012e	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_037e	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_012e	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_025e	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_037e	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_075e	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_062e	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_050e	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_037e	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_025e	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_012e	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_025e	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_012e	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_025e	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_087e	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_075e	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_062e	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_050e	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_037e	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_025e	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_012e	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_012e	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_012e	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_100e	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_087e	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_075e	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_062e	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_050e	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_037e	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_025e	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_012e	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_000e	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	$h_{siM,e}$
810	1.0	1.0	1.0	94.5	0.0	−0.3	0.3	281.9	0.3	360
811	0.875	0.875	1.0	89.7	12.3	−23.8	26.8	297.3	21.1	248
812	0.75	0.75	1.0	80.6	12.4	−29.7	32.2	292.6	20.3	248
813	0.625	0.625	1.0	68.6	15.2	−34.8	38.0	293.6	21.4	248
814	0.5	0.5	1.0	56.6	17.6	−39.5	43.2	294.1	23.6	248
815	0.375	0.375	1.0	47.9	21.0	−42.2	47.1	296.5	25.1	248
816	0.25	0.25	1.0	39.0	24.6	−44.5	50.8	298.9	27.9	248
817	0.125	0.125	1.0	35.9	24.5	−45.2	51.4	298.5	25.6	248
818	0.0	0.0	1.0	31.8	25.2	−46.3	52.7	298.5	25.9	248
819	1.0	1.0	0.875	94.2	5.7	−7.4	9.3	307.5	16.3	86
820	0.875	0.875	0.875	90.0	10.2	−18.6	21.2	298.8	21.8	360
821	0.75	0.75	0.875	82.3	11.1	−24.3	26.8	294.5	21.2	248
822	0.625	0.625	0.875	71.2	13.2	−30.3	33.0	293.6	21.2	248
823	0.5	0.5	0.875	61.0	16.3	−36.7	40.2	293.9	23.2	248
824	0.375	0.375	0.875	49.5	19.7	−41.7	46.1	295.3	25.5	248
825	0.25	0.25	0.875	40.5	22.4	−44.0	49.4	297.0	26.1	248
826	0.125	0.125	0.875	36.3	22.4	−45.1	50.3	296.4	23.2	248
827	0.0	0.0	0.875	29.9	26.8	−45.8	53.1	300.3	26.5	248
828	1.0	1.0	0.75	93.7	2.2	2.3	3.2	46.0	13.4	86
829	0.875	0.875	0.75	89.6	6.2	−8.2	10.3	306.9	18.1	86
830	0.75	0.75	0.75	80.6	8.8	−15.7	18.0	299.4	18.7	360
831	0.625	0.625	0.75	71.6	10.3	−22.3	24.6	294.8	18.8	248
832	0.5	0.5	0.75	61.0	11.5	−26.2	28.6	293.6	17.0	248
833	0.375	0.375	0.75	51.7	12.7	−31.1	33.6	292.3	16.8	248
834	0.25	0.25	0.75	45.4	16.6	−36.1	39.7	294.7	18.6	248
835	0.125	0.125	0.75	39.3	18.5	−41.2	45.2	294.2	19.3	248
836	0.0	0.0	0.75	28.7	26.5	−45.7	52.8	300.0	26.6	248
837	1.0	1.0	0.625	92.2	0.6	11.9	11.9	87.0	11.3	86
838	0.875	0.875	0.625	88.6	3.3	4.7	5.8	55.3	12.5	86
839	0.75	0.75	0.625	81.0	5.7	−6.4	8.6	311.3	16.6	86
840	0.625	0.625	0.625	70.8	7.3	−12.9	14.8	299.8	15.5	360
841	0.5	0.5	0.625	60.6	8.9	−20.5	22.4	293.5	16.4	248
842	0.375	0.375	0.625	50.3	10.0	−25.4	27.3	291.4	15.6	248
843	0.25	0.25	0.625	44.0	12.2	−29.9	32.3	292.2	15.4	248
844	0.125	0.125	0.625	38.6	16.4	−35.1	38.8	295.1	17.7	248
845	0.0	0.0	0.625	28.1	25.9	−45.9	52.7	299.4	28.2	248
846	1.0	1.0	0.5	91.7	−1.8	22.6	22.7	94.6	8.2	86
847	0.875	0.875	0.5	87.7	0.8	16.8	16.8	87.0	8.5	86
848	0.75	0.75	0.5	80.4	1.3	8.6	8.7	81.2	9.5	86
849	0.625	0.625	0.5	71.7	3.9	−4.5	6.0	311.2	14.3	86
850	0.5	0.5	0.5	59.7	5.7	−9.8	11.4	300.3	11.7	360
851	0.375	0.375	0.5	48.8	7.3	−19.2	20.6	290.9	14.5	248
852	0.25	0.25	0.5	41.9	9.0	−24.8	26.4	290.0	14.5	248
853	0.125	0.125	0.5	36.5	11.8	−28.7	31.0	292.5	14.2	248
854	0.0	0.0	0.5	30.5	19.3	−39.0	43.5	296.3	22.2	248
855	1.0	1.0	0.375	90.9	−3.9	34.3	34.5	96.5	5.0	86
856	0.875	0.875	0.375	86.4	−1.7	29.5	29.5	93.4	5.3	86
857	0.75	0.75	0.375	79.3	−0.5	19.8	19.8	91.5	7.1	86
858	0.625	0.625	0.375	70.1	0.3	10.4	10.4	88.3	7.5	86
859	0.5	0.5	0.375	59.2	1.9	−0.3	1.9	349.6	8.8	86
860	0.375	0.375	0.375	48.8	4.2	−7.1	8.3	300.7	8.3	360
861	0.25	0.25	0.375	38.8	6.5	−18.6	19.7	289.3	13.6	248
862	0.125	0.125	0.375	32.8	7.9	−24.0	25.3	288.2	13.1	248
863	0.0	0.0	0.375	29.4	11.6	−29.3	31.5	291.6	14.5	248
864	1.0	1.0	0.25	89.9	−4.2	43.8	44.0	95.6	3.6	86
865	0.875	0.875	0.25	86.8	−3.2	41.3	41.4	94.5	7.2	86
866	0.75	0.75	0.25	78.7	−3.2	32.7	32.8	95.7	7.3	86
867	0.625	0.625	0.25	69.2	−2.6	23.6	23.7	96.5	5.8	86
868	0.5	0.5	0.25	59.3	−1.6	14.1	14.2	96.7	4.3	86
869	0.375	0.375	0.25	48.8	−0.5	4.7	4.7	96.7	3.5	86
870	0.25	0.25	0.25	37.2	2.6	−3.9	4.7	303.4	4.9	360
871	0.125	0.125	0.25	30.5	5.3	−15.8	16.7	288.7	10.6	248
872	0.0	0.0	0.25	25.1	6.7	−21.2	22.3	287.5	10.1	248
873	1.0	1.0	0.125	89.9	−6.4	57.7	58.1	96.3	6.1	86
874	0.875	0.875	0.125	87.0	−5.1	59.9	60.1	94.9	15.9	86
875	0.75	0.75	0.125	78.3	−5.0	50.3	50.5	95.7	14.2	86
876	0.625	0.625	0.125	68.7	−4.8	38.9	39.2	97.1	10.7	86
877	0.5	0.5	0.125	58.5	−4.1	28.5	28.8	98.2	7.5	86
878	0.375	0.375	0.125	49.8	−3.5	20.0	20.3	99.9	6.6	86
879	0.25	0.25	0.125	38.3	−1.6	9.2	9.3	100.0	2.1	86
880	0.125	0.125	0.125	25.3	0.8	−0.9	1.2	311.3	4.2	360
881	0.0	0.0	0.125	26.1	5.9	−12.4	13.7	295.7	8.8	248
882	1.0	1.0	0.0	89.5	−7.1	66.6	66.9	96.1	7.3	86
883	0.875	0.875	0.0	88.3	−6.1	72.5	72.7	94.8	21.3	86
884	0.75	0.75	0.0	79.0	−6.6	65.9	66.3	95.7	22.2	86
885	0.625	0.625	0.0	65.2	−6.3	53.2	53.5	96.7	15.8	86
886	0.5	0.5	0.0	54.8	−5.7	44.0	44.4	97.4	14.0	86
887	0.375	0.375	0.0	47.8	−5.8	32.5	33.0	100.1	10.9	86
888	0.25	0.25	0.0	39.9	−4.3	21.6	22.0	101.3	7.9	86
889	0.125	0.125	0.0	31.4	−1.9	9.6	9.8	101.5	3.9	86
890	0.0	0.0	0.0	19.8	0.0	0.0	0.0	55.6	0.1	360

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

n	rgb*Me			LabCh*Me				
810	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
811	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
812	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
813	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
814	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
815	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
816	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
817	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
818	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
819	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
820	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
821	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
822	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
823	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
824	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
825	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
826	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
827	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
828	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
829	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
830	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
831	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
832	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
833	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
834	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
835	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
836	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
837	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
838	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
839	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
840	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
841	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
842	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
843	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
844	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
845	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
846	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
847	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
848	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
849	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
850	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
851	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
852	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
853	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
854	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
855	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
856	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
857	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
858	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
859	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
860	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
861	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
862	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
863	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
864	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
865	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
866	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
867	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
868	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
869	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
870	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
871	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
872	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
873	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
874	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
875	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
876	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
877	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
878	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
879	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
880	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
881	0.0	0.368	1.0	40.0	1.6	−53.4	53.5	271.7
882	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
883	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
884	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
885	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
886	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
887	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
888	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
889	1.0	0.932	0.0	86.8	−2.4	61.6	61.6	92.3
890	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0

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 $cmyk_e$

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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_100e	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_012e	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_025e	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_037e	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_050e	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_062e	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_075e	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_087e	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_100e	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_012e	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_087e	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_012e	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_025e	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_037e	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_050e	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_062e	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_075e	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_087e	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_025e	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_012e	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_075e	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_012e	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_025e	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_037e	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_050e	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_062e	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_075e	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_037e	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_025e	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_012e	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_062e	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_012e	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_025e	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_037e	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_050e	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_062e	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_050e	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_037e	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_025e	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_012e	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_050e	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_012e	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_025e	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_037e	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_050e	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_062e	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_050e	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_037e	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_025e	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_012e	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_037e	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_012e	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_025e	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_037e	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_075e	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_062e	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_050e	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_037e	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_025e	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_012e	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_025e	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_012e	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_025e	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_087e	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_075e	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_062e	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_050e	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_037e	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_025e	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_012e	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_012e	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_012e	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_100e	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_087e	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_075e	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_062e	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_050e	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_037e	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_025e	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_012e	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_000e	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, $\Delta E^{*'}$

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

1−0133030−F0

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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			hsi_F,e	rgb*Fe			LabCh*Fe					rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
972	NW_000e	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_012e	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_025e	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_037e	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_050e	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_062e	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_075e	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_087e	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_100e	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_000e	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_012e	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_025e	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_037e	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_050e	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_062e	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_075e	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_087e	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_100e	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_000e	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_012e	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_025e	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_037e	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_050e	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_062e	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_075e	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_087e	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_100e	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_000e	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_012e	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_025e	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_037e	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_050e	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_062e	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_075e	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_087e	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_100e	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_000e	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_006e	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_013e	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_020e	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_026e	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_033e	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_040e	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_046e	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_053e	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_060e	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_066e	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_073e	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_080e	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_086e	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_093e	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_100e	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_000e	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_006e	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_013e	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_020e	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_026e	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_033e	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_040e	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_046e	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_053e	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_060e	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_066e	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_073e	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_080e	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_086e	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_093e	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_100e	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_000e	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_006e	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_013e	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_020e	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_026e	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_033e	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_040e	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_046e	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_053e	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_060e	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_066e	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_073e	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_080e	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 $E^{*\prime}$ = 9.8

1-0133130-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_e
output: transfer to $cmyk_e$

TUB registration: 20150701-RE67/RE67L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

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

1-0133130-F0

TUB registration: 20150701-RE67/RE67L0NP.PDF /.PS   TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE67/RE67L0NP.PDF /.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**$_{Fe}$					*rgb**'$_{Fe}$			*LabCh**'$_{Fe}$					*DE**'$_{Fe}$	*h*$_{siM,e}$	*rgb**$_{Me}$			*LabCh**$_{Me}$				
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	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$_e$	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	92.3	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$_e$	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	0.1	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$_e$	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	−0.1	−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$_e$	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	0.4	307.3	3.5	360	1.0	1.0	1.0	94.2	0.0	0.0	0.0	0.0
1058	NW_013$_e$	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	−1.3	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$_e$	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	32.9	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$_e$	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	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$_e$	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	44.0	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$_e$	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	51.1	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$_e$	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	56.3	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$_e$	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	−10.3	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$_e$	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	−12.1	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$_e$	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	73.8	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$_e$	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	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$_e$	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	83.8	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$_e$	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	−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$_e$	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	10.5	−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$_e$	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	93.7	0.1	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	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$_e$	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	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$_e$	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	45.2	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	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	51.7	−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	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	89.7	−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	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	32.0	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	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	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	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	46.5	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**' = *11.1***

1-0133230-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*$_e$
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