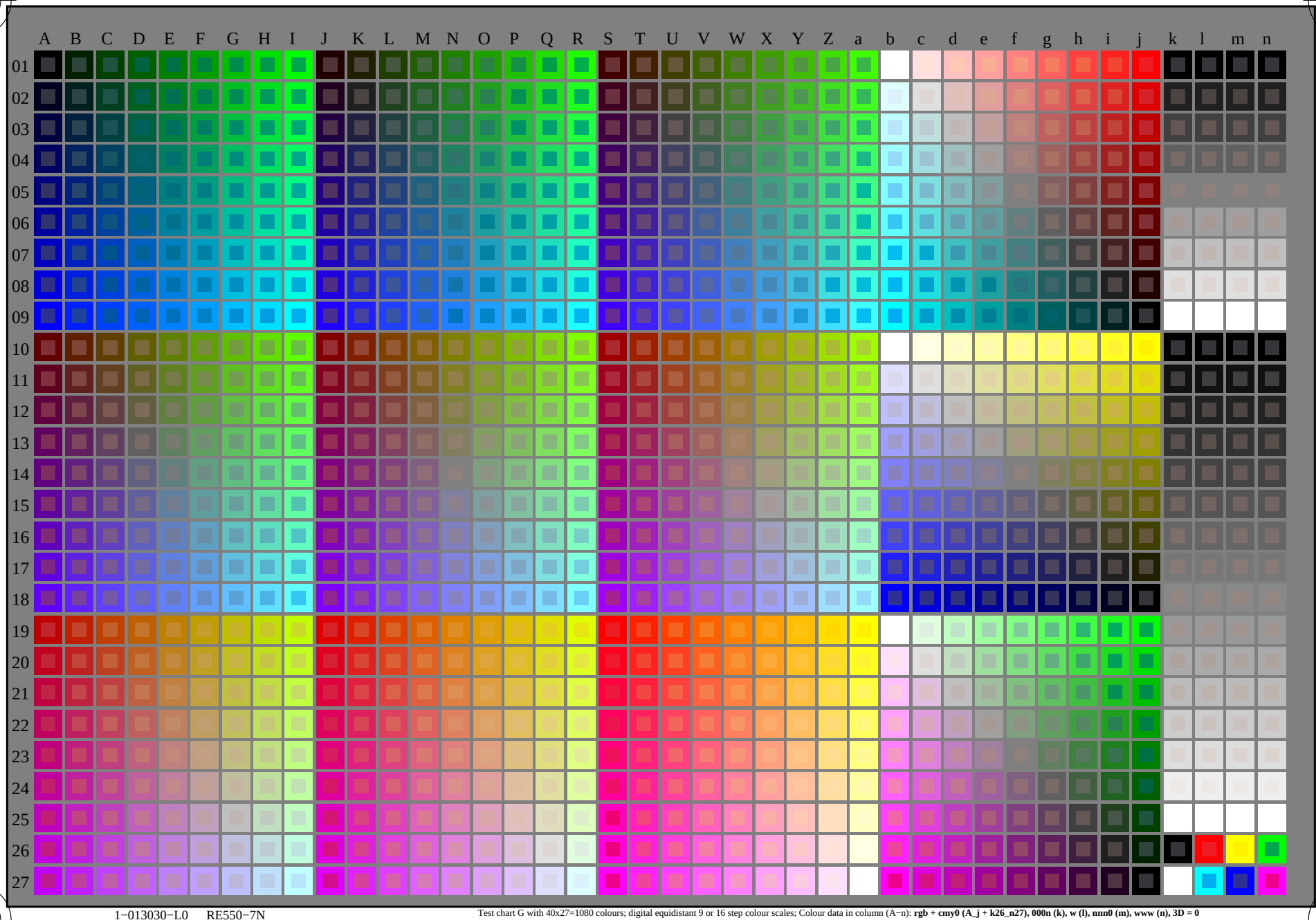
RE55S0L



TUB registration: 20150701-RE55/RE55L0NA.TXT /.PS
application for measurement of offset print output

TUB material: code=rha4ta

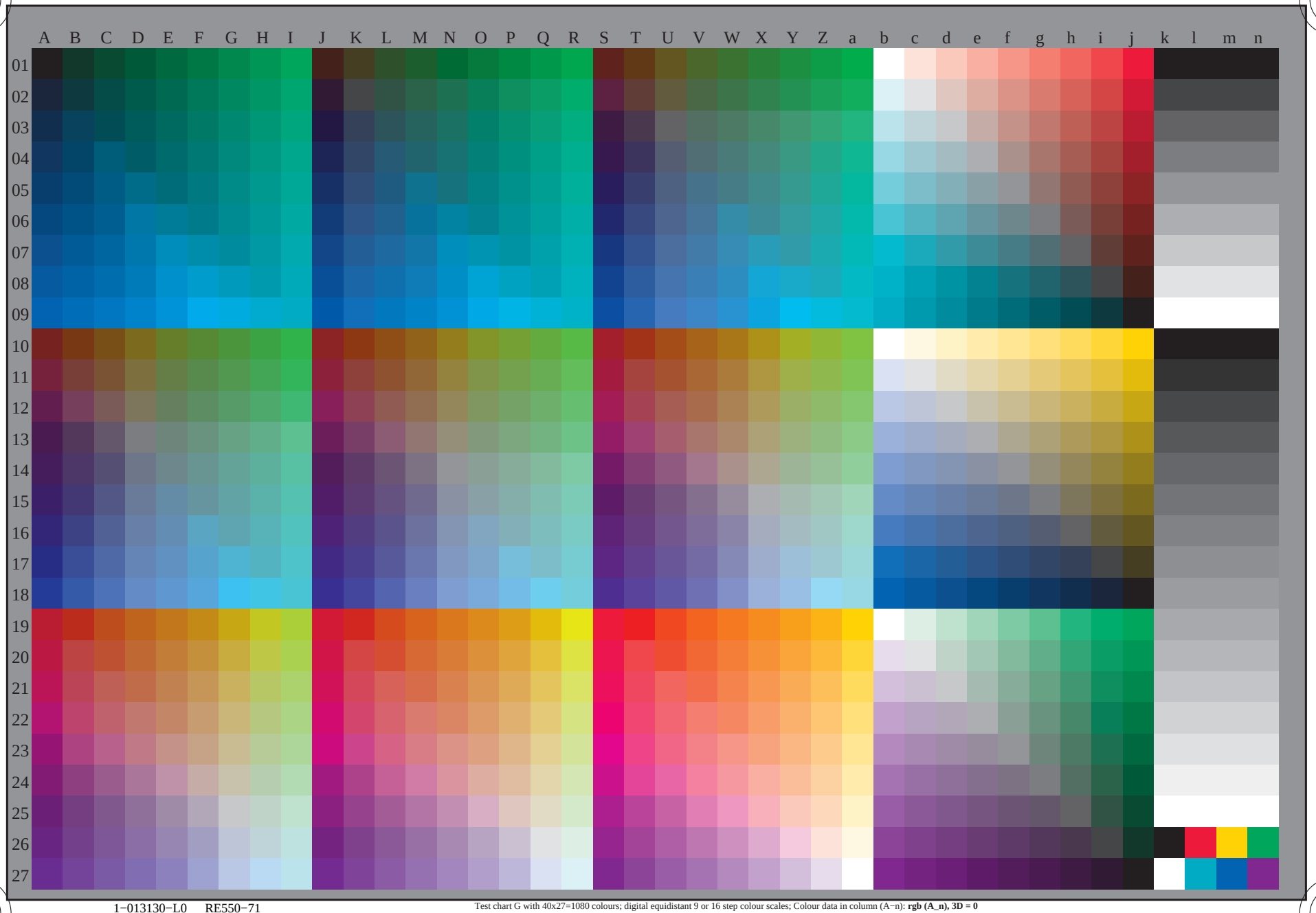
1−013030−L0 RE550−7N

Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A−n): **rgb + cmy0 (A_j + k26_n27), 000n (k), w (l), nnn0 (m), www (n), 3D = 0**

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

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

RE5501L



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

TUB registration: 20150701-RE55/RE55L0NA.TXT /.PS
application for measurement of offset print output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

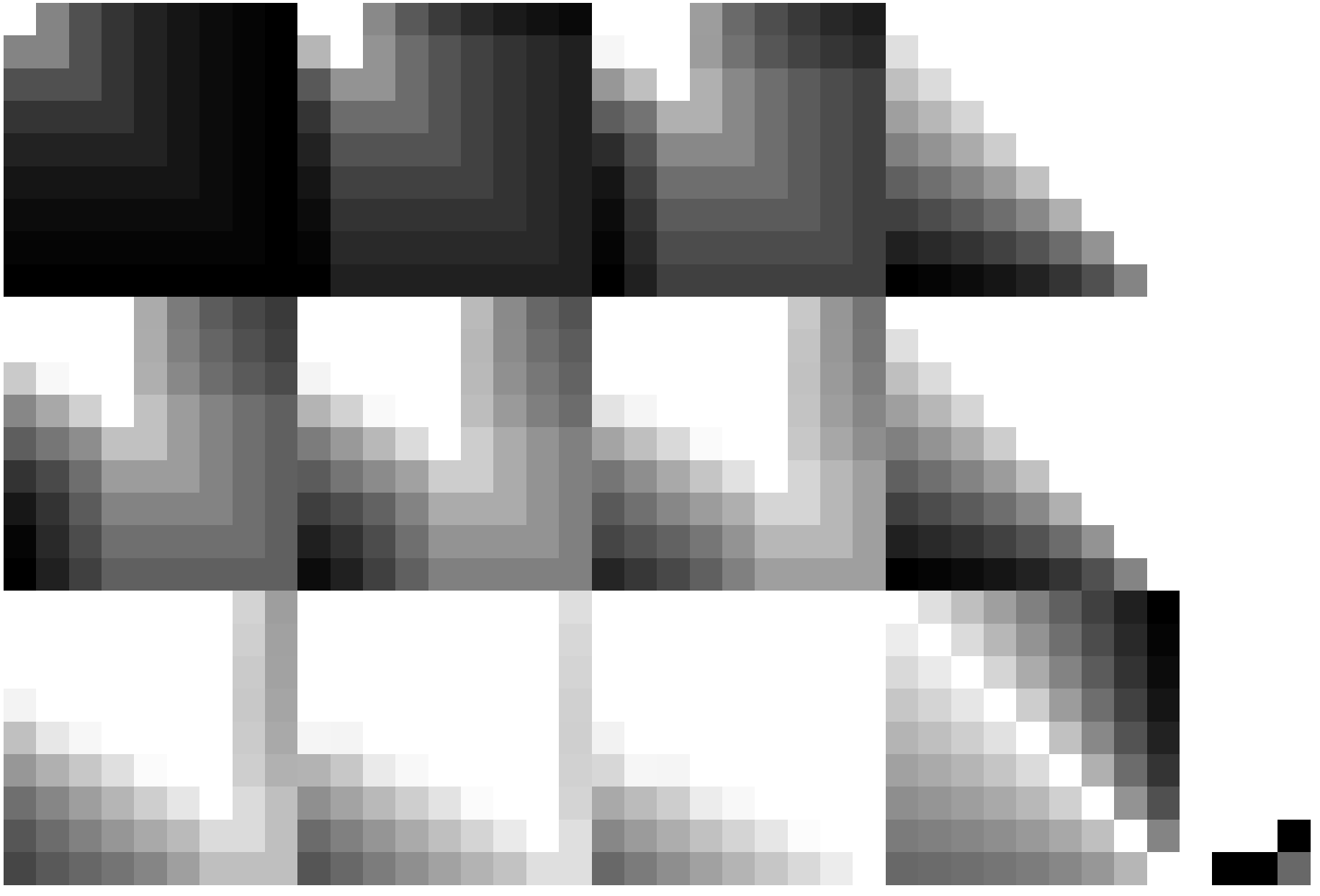
1−013130−L0 RE550−71

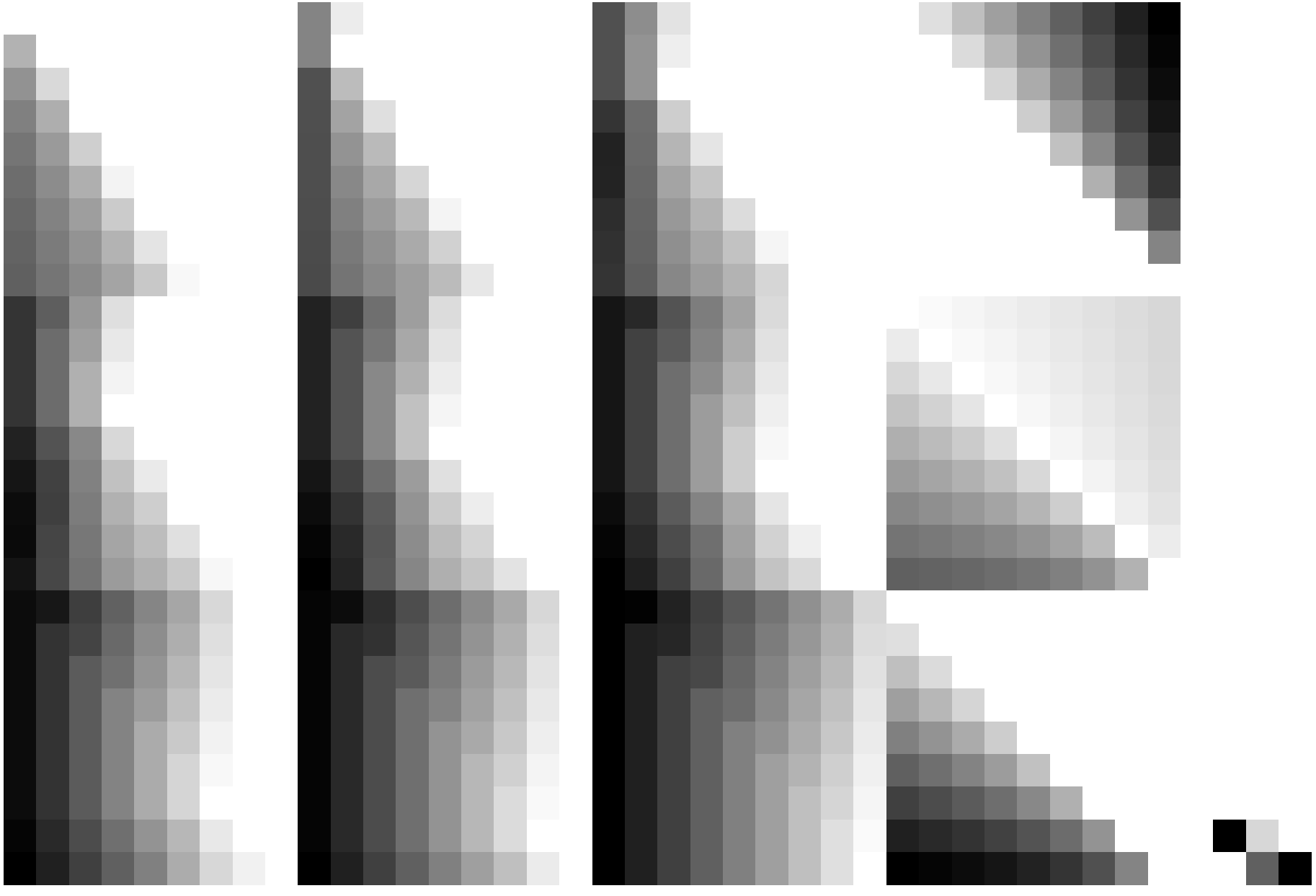
Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A−n): **rgb (A_n), 3D = 0**

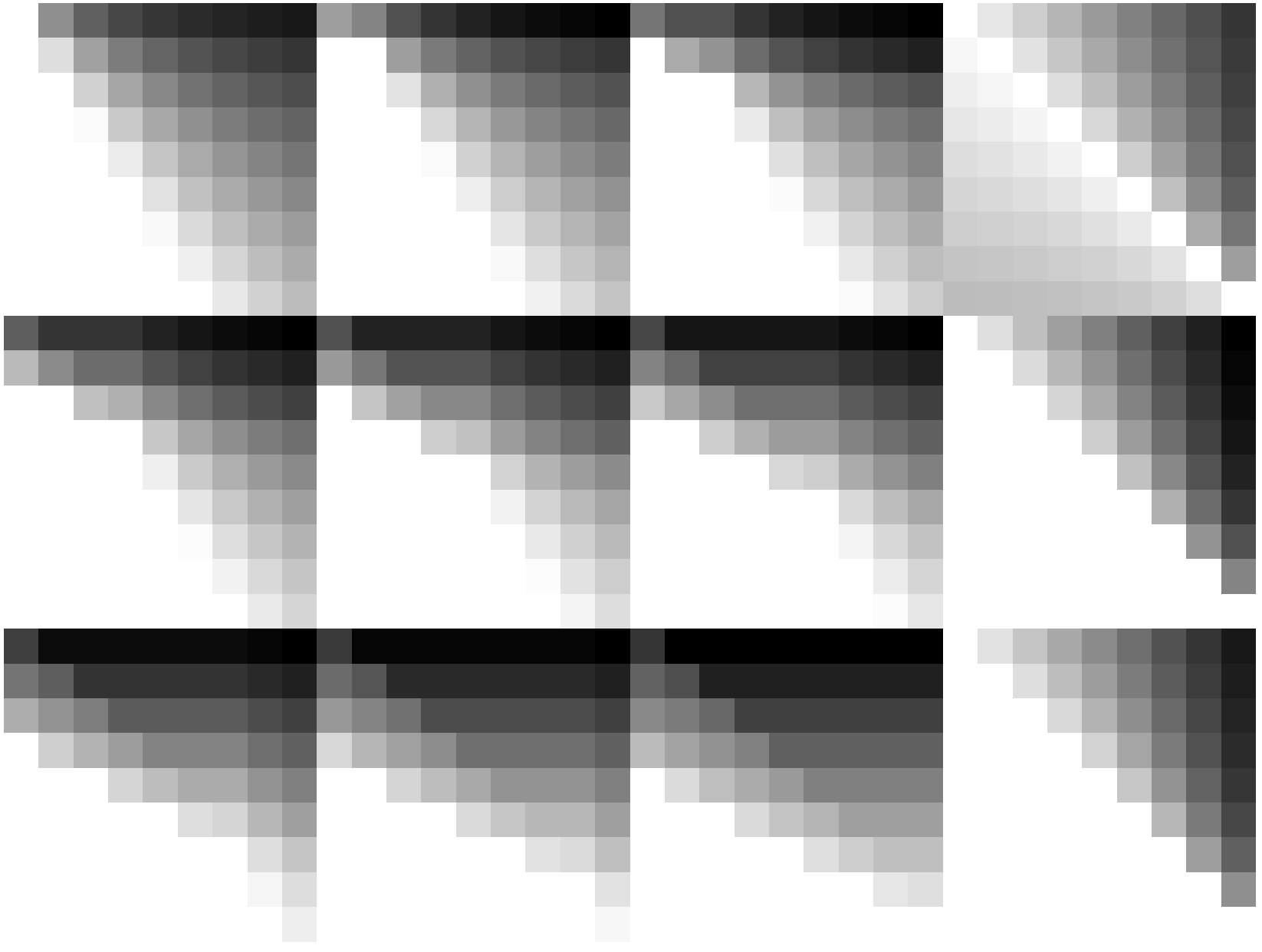
TUB-test chart RE55; 1080 standard colours
Test chart according to DIN 33872, 3D=0, de=1, *cmyk*

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

1−013130−F0







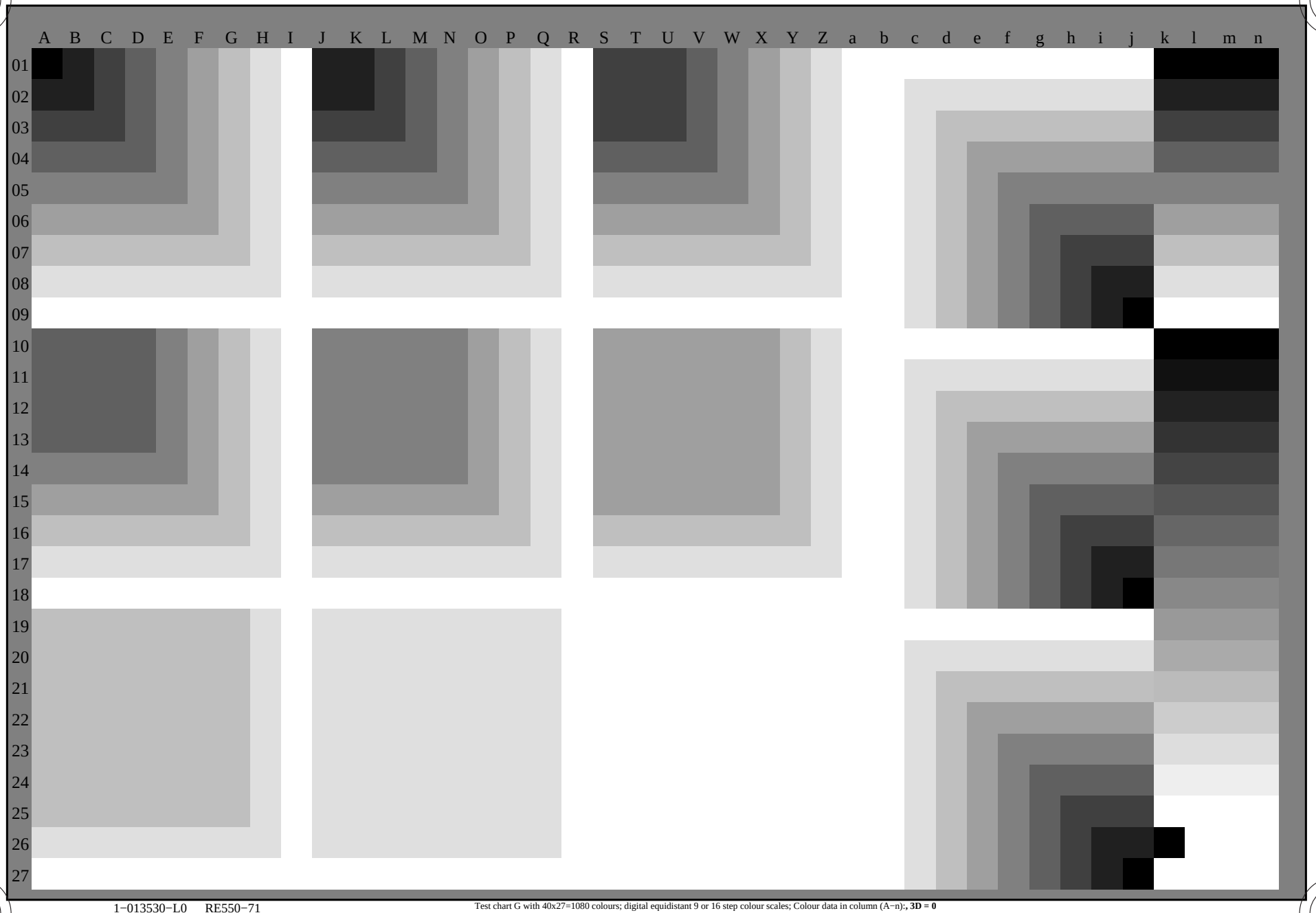
TUB registration: 20150701-RE55/RE55L0NA.TXT /.PS
application for measurement of offset print output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

1−013430−L0 RE550−71

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

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

1−013430−F0



1−013530−L0 RE550−71

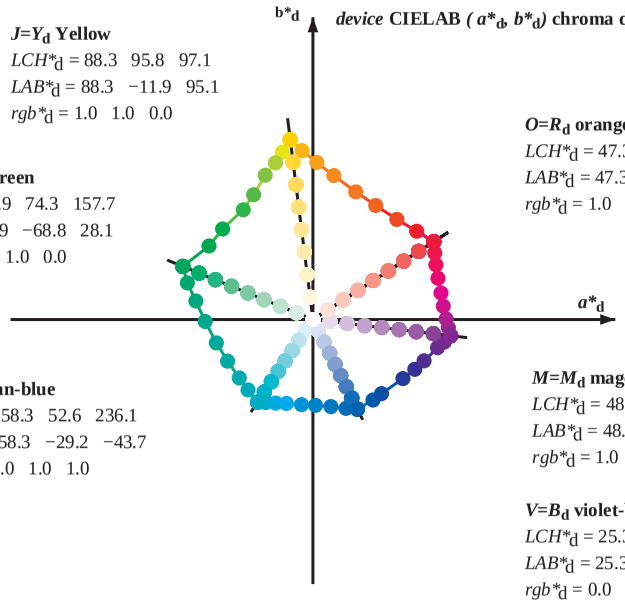
Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A−n):, **3D = 0**

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

input: *rgb/cmyk −> 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*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; 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 = 88.3 95.8 97.1
LAB^*_d = 88.3 −11.9 95.1
rgb^*_d = 1.0 1.0 0.0

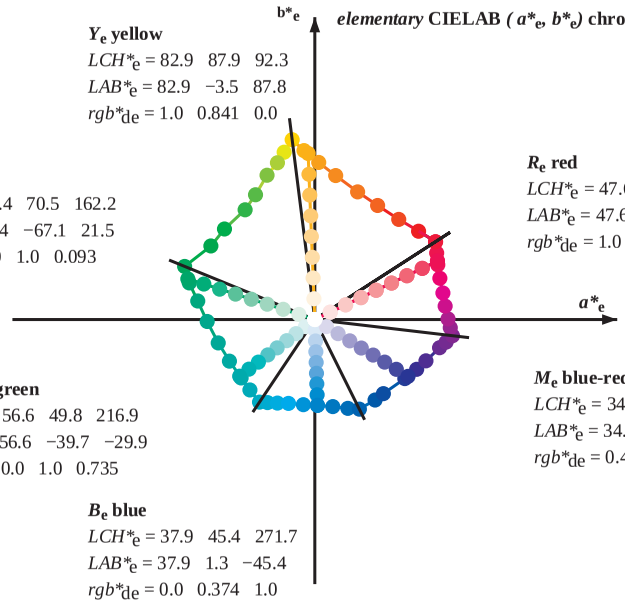
O=R_d orange-red
LCH^*_d = 47.3 76.0 32.8
LAB^*_d = 47.3 63.8 41.2
rgb^*_d = 1.0 0.0 0.0

L=G_d leaf-green
LCH^*_d = 51.9 74.3 157.7
LAB^*_d = 51.9 −68.8 28.1
rgb^*_d = 0.0 1.0 0.0

C=C_d cyan-blue
LCH^*_d = 58.3 52.6 236.1
LAB^*_d = 58.3 −29.2 −43.7
rgb^*_d = 0.0 1.0 1.0

M=M_d magenta-red
LCH^*_d = 48.2 73.3 353.3
LAB^*_d = 48.2 72.8 −8.5
rgb^*_d = 1.0 0.0 1.0

V=B_d violet-blue
LCH^*_d = 25.3 52.8 296.4
LAB^*_d = 25.3 23.5 −47.3
rgb^*_d = 0.0 0.0 1.0



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

Y_e yellow
LCH^*_e = 82.9 87.9 92.3
LAB^*_e = 82.9 −3.5 87.8
rgb^*_{de} = 1.0 0.841 0.0

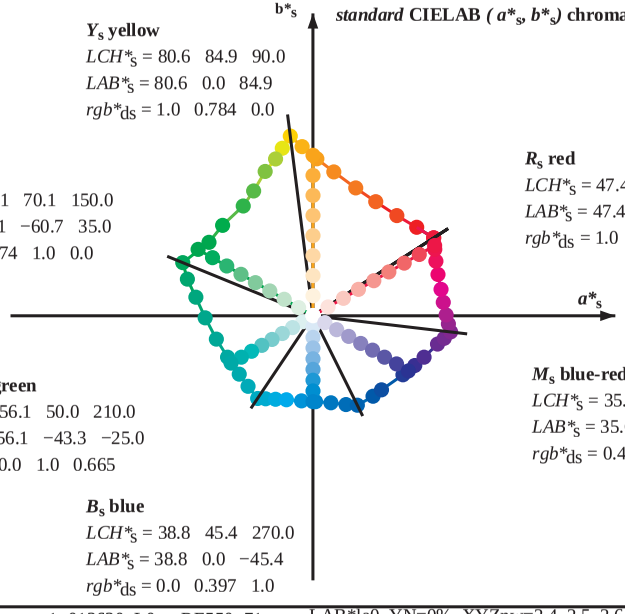
G_e green
LCH^*_e = 52.4 70.5 162.2
LAB^*_e = 52.4 −67.1 21.5
rgb^*_{de} = 0.0 1.0 0.093

R_e red
LCH^*_e = 47.6 71.9 25.4
LAB^*_e = 47.6 64.9 30.9
rgb^*_{de} = 1.0 0.0 0.209

C_e blue-green
LCH^*_e = 56.6 49.8 216.9
LAB^*_e = 56.6 −39.7 −29.9
rgb^*_{de} = 0.0 1.0 0.735

M_e blue-red
LCH^*_e = 34.8 57.7 328.6
LAB^*_e = 34.8 49.2 −30.0
rgb^*_{de} = 0.407 0.0 1.0

B_e blue
LCH^*_e = 37.9 45.4 271.7
LAB^*_e = 37.9 1.3 −45.4
rgb^*_{de} = 0.0 0.374 1.0



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

Y_s yellow
LCH^*_s = 80.6 84.9 90.0
LAB^*_s = 80.6 0.0 84.9
rgb^*_{ds} = 1.0 0.784 0.0

G_s green
LCH^*_s = 55.1 70.1 150.0
LAB^*_s = 55.1 −60.7 35.0
rgb^*_{ds} = 0.074 1.0 0.0

R_s red
LCH^*_s = 47.4 74.2 30.0
LAB^*_s = 47.4 64.3 37.1
rgb^*_{ds} = 1.0 0.0 0.084

C_s blue-green
LCH^*_s = 56.1 50.0 210.0
LAB^*_s = 56.1 −43.3 −25.0
rgb^*_{ds} = 0.0 1.0 0.665

M_s blue-red
LCH^*_s = 35.6 58.3 330.0
LAB^*_s = 35.6 50.5 −29.1
rgb^*_{ds} = 0.431 0.0 1.0

B_s blue
LCH^*_s = 38.8 45.4 270.0
LAB^*_s = 38.8 0.0 −45.4
rgb^*_{ds} = 0.0 0.397 1.0

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

1. For the rgb^*_{de}-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*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; 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**$_{de}$
32.8	30.0	25.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	1.0	0.0	0.0	47.4	63.9	41.2	76.0	32	1.0	0.0	0.084	47.4	64.3	37.1	74.3	30	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25			
40.4	37.5	33.8	1.0	0.125	0.0	51.2	54.9	46.7	72.1	40.4	1.0	0.117	0.0	51.0	55.5	46.5	72.4	39	1.0	0.069	0.0	49.5	59.0	44.5	73.9	37	1.0	0.007	0.0	47.6	63.4	41.6	75.8	33			
50.0	45.0	42.1	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50.0	1.0	0.25	0.0	56.0	44.4	53.0	69.2	50	1.0	0.185	0.0	53.5	50.0	50.0	70.7	45	1.0	0.148	0.0	52.1	53.0	48.1	71.6	42			
61.1	52.5	50.5	1.0	0.375	0.0	61.4	33.2	60.3	68.8	61.1	1.0	0.367	0.0	61.1	34.0	59.9	68.9	60	1.0	0.272	0.0	57.0	42.6	54.5	69.1	52	1.0	0.25	0.0	56.0	44.5	53.0	69.2	49			
71.4	60.0	58.8	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	1.0	0.5	0.0	67.2	22.6	67.6	71.3	71	1.0	0.362	0.0	60.9	34.5	59.7	68.9	60	1.0	0.35	0.0	60.3	35.6	59.0	69.0	58			
81.7	67.5	67.2	1.0	0.625	0.0	73.6	11.0	76.1	76.9	81.7	1.0	0.617	0.0	73.2	11.9	75.7	76.6	81	1.0	0.446	0.0	64.7	27.4	64.7	70.3	67	1.0	0.442	0.0	64.5	27.8	64.5	70.2	66			
88.5	75.0	75.6	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88.5	1.0	0.75	0.0	79.3	2.0	83.1	83.1	88	1.0	0.543	0.0	69.4	19.0	70.7	73.2	75	1.0	0.55	0.0	69.8	18.3	71.3	73.6	75			
93.6	82.5	83.9	1.0	0.875	0.0	84.2	−5.7	89.4	89.6	93.6	1.0	0.867	0.0	84.0	−5.1	89.1	89.2	93	1.0	0.629	0.0	73.8	10.7	76.5	77.2	82	1.0	0.655	0.0	75.0	9.0	77.9	78.5	83			
97.1	90.0	92.3	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1	1.0	1.0	0.0	88.4	−11.9	95.1	95.9	97	1.0	0.785	0.0	80.7	0.0	84.9	84.9	90	1.0	0.842	0.0	83.0	−3.4	87.8	87.9	92			
100.3	97.5	101.0	0.875	1.0	0.0	85.8	−16.2	88.6	90.0	100.3	0.883	1.0	0.0	86.0	−15.9	89.0	90.5	100	1.0	0.994	0.0	88.2	−11.5	94.8	95.6	97	0.871	1.0	0.0	85.8	−16.2	88.4	89.9	100			
103.3	105.0	109.7	0.75	1.0	0.0	82.9	−19.7	83.0	85.3	103.3	0.75	1.0	0.0	83.0	−19.6	83.0	85.3	103	0.709	1.0	0.0	81.0	−21.6	80.9	83.7	105	0.599	1.0	0.0	76.2	−26.6	74.3	78.9	109			
108.3	112.5	118.5	0.625	1.0	0.0	77.0	−25.2	76.3	80.4	108.3	0.633	1.0	0.0	77.5	−24.8	76.8	80.8	107	0.56	1.0	0.0	74.9	−28.6	71.1	76.6	112	0.455	1.0	0.0	71.4	−33.4	63.2	71.6	117			
115.3	120.0	127.2	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3	0.5	1.0	0.0	72.8	−31.3	66.1	73.1	115	0.418	1.0	0.0	70.3	−35.1	60.9	70.3	120	0.327	1.0	0.0	65.8	−41.3	54.4	68.4	127			
122.4	127.5	136.0	0.375	1.0	0.0	68.9	−36.9	58.1	68.8	122.4	0.383	1.0	0.0	69.2	−36.5	58.6	69.1	121	0.329	1.0	0.0	66.0	−41.1	54.6	68.4	127	0.244	1.0	0.0	60.7	−48.1	47.5	67.6	135			
134.9	135.0	144.7	0.25	1.0	0.0	60.8	−47.8	47.8	67.6	134.9	0.25	1.0	0.0	60.9	−47.7	47.9	67.7	134	0.249	1.0	0.0	60.9	−47.7	47.8	67.7	135	0.124	1.0	0.0	57.4	−54.9	38.9	67.4	144			
144.6	142.5	153.4	0.125	1.0	0.0	57.4	−54.9	38.9	67.3	144.6	0.133	1.0	0.0	57.6	−54.4	39.6	67.4	144	0.159	1.0	0.0	58.4	−53.0	41.5	67.4	142	0.047	1.0	0.0	54.0	−63.8	32.7	71.7	152			
157.7	150.0	162.2	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	0.0	1.0	0.0	52.0	−68.8	28.1	74.4	157	0.074	1.0	0.0	55.2	−60.7	35.1	70.2	150	0.0	1.0	0.093	52.4	−67.0	21.5	70.5	162			
163.7	157.5	169.0	0.0	1.0	0.125	52.5	−66.4	19.3	69.1	163.7	0.0	1.0	0.117	52.5	−66.5	19.9	69.5	163	0.008	1.0	0.0	52.3	−68.0	28.9	73.9	157	0.0	1.0	0.209	53.1	−63.5	12.8	64.9	168			
170.9	165.0	175.9	0.0	1.0	0.25	53.2	−61.9	9.8	62.7	170.9	0.0	1.0	0.25	53.3	−61.9	9.8	62.8	170	0.0	1.0	0.147	52.7	−65.7	17.6	68.1	165	0.0	1.0	0.311	53.7	−59.7	4.3	59.9	175			
181.0	172.5	182.7	0.0	1.0	0.375	54.1	−56.9	−1.0	56.9	181.0	0.0	1.0	0.367	54.0	−57.3	−0.3	57.4	180	0.0	1.0	0.263	53.4	−61.5	8.7	62.2	172	0.0	1.0	0.387	54.2	−56.4	−2.2	56.5	182			
193.5	180.0	189.6	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5	0.0	1.0	0.5	54.8	−51.0	−12.2	52.6	193	0.0	1.0	0.362	54.0	−57.5	0.0	57.6	180	0.0	1.0	0.46	54.6	−53.1	−8.9	54.0	189			
205.9	187.5	196.4	0.0	1.0	0.625	55.8	−45.1	−21.9	50.1	205.9	0.0	1.0	0.617	55.8	−45.5	−21.3	50.3	205	0.0	1.0	0.434	54.5	−54.4	−6.6	54.9	187	0.0	1.0	0.524	55.0	−50.0	−14.3	52.1	195			
218.4	195.0	203.2	0.0	1.0	0.75	56.7	−38.9	−30.9	49.7	218.4	0.0	1.0	0.75	56.8	−38.9	−30.8	49.8	218	0.0	1.0	0.514	55.0	−50.4	−13.4	52.3	195	0.0	1.0	0.598	55.6	−46.5	−19.9	50.7	203			
227.3	202.5	210.1	0.0	1.0	0.875	57.5	−34.3	−37.2	50.6	227.3	0.0	1.0	0.867	57.5	−34.6	−36.8	50.6	226	0.0	1.0	0.585	55.5	−47.1	−19.0	50.9	202	0.0	1.0	0.662	56.1	−43.4	−24.7	50.1	209			
236.1	210.0	216.9	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1	0.0	1.0	1.0	58.3	−29.2	−43.6	52.6	236	0.0	1.0	0.666	56.1	−43.2	−24.9	50.0	210	0.0	1.0	0.736	56.7	−39.7	−29.9	49.8	216			
240.3	217.5	223.8	0.0	0.875	1.0	55.2	−25.0	−43.9	50.5	240.3	0.0	0.883	1.0	55.5	−25.2	−43.8	50.7	240	0.0	1.0	0.736	56.7	−39.7	−29.9	49.8	217	0.0	1.0	0.819	57.2	−36.4	−34.4	50.3	223			
245.8	225.0	230.6	0.0	0.75	1.0	51.7	−19.7	−44.1	48.3	245.8	0.0	0.75	1.0	51.8	−19.7	−44.1	48.4	245	0.0	1.0	0.842	57.4	−35.6	−35.6	50.4	225	0.0	1.0	0.922	57.9	−32.5	−39.7	51.4	230			
252.5	232.5	237.5	0.0	0.625	1.0	47.7	−13.9	−44.4	46.5	252.5	0.0	0.633	1.0	48.0	−14.2	−44.3	46.7	252	0.0	1.0	0.941	58.0	−31.7	−40.7	51.7	232	0.0	0.974	1.0	57.7	−28.3	−43.7	52.2	237			
262.3	240.0	244.3	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3	0.0	0.5	1.0	42.8	−5.9	−44.9	45.4	262	0.0	0.886	1.0	55.5	−25.3	−43.8	50.7	240	0.0	0.785	1.0	52.7	−21.1	−44.1	49.0	244			
271.7	247.5	251.2	0.0	0.375	1.0	37.9	1.3	−45.4	45.4	271.7	0.0	0.383	1.0	38.3	0.9	−45.3	45.4	271	0.0	0.729	1.0	51.1	−18.7	−44.2	48.1	247	0.0	0.659	1.0	48.9	−15.4	−44.3	47.1	250			
281.6	255.0	258.0	0.0	0.25	1.0	33.3	9.4	−46.0	47.0	281.6	0.0	0.25	1.0	33.3	9.5	−45.9	47.0	281	0.0	0.594	1.0	46.5	−11.9	−44.6	46.3	255	0.0	0.555	1.0	45.0	−9.4	−44.8	45.9	258			
290.3	262.5	264.8	0.0	0.125	1.0	28.6	17.4	−46.9	50.1	290.3	0.0	0.133	1.0	28.9	16.9	−46.9	49.9	289	0.0	0.505	1.0	43.0	−6.2	−44.9	45.5	262	0.0	0.472	1.0	41.7	−4.3	−45.1	45.4	264			
296.4	270.0	271.7	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4	0.0	0.0	1.0	25.3	23.5	−47.3	52.9	296	0.0	0.398	1.0	38.8	0.0	−45.3	45.4	270	0.0	0.375	1.0	37.9	1.4	−45.3	45.5	271			
306.7	277.5	278.8	0.125	0.0	1.0	29.3	31.8	−42.6	53.1	306.7	0.117	0.0	1.0	29.1	31.3	−42.9	53.1	306	0.0	0.309	1.0	35.5	5.6	−45.8	46.3	277	0.0	0.291	1.0	34.9	6.8	−45.9	46.5	278			
312.7	285.0	285.9	0.25	0.0	1.0	31.5	36.2	−39.2	53.4	312.7	0.25	0.0	1.0	31.6	36.3	−39.1	53.4	312	0.0	0.202	1.0	31.5	12.5	−46.5	48.2	285	0.0	0.188	1.0	31.0	13.3	−46.6	48.5	285			
326.7	292.5	293.0	0.375	0.0	1.0	33.8	47.6	−31.2	56.9	326.7	0.367	0.0	1.0	33.7	46.9	−31.8	56.7	325	0.0	0.091	1.0	27.7	19.1	−47.1	50.9	292	0.0	0.079	1.0	27.4	19.6	−47.1	51.1	292			
333.9	300.0	300.1	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9	0.5	0.0	1.0	37.9	53.8	−26.3	59.9	333	0.043	0.0	1.0	26.7	26.5	−45.8	53.0	300	0.046	0.0	1.0	26.8	26.6	−45.7	53.0	300			
339.6	307.5	307.2	0.625	0.0	1.0	40.9	58.8	−21.8	62.7	339.6	0.617	0.0	1.0	40.8	58.5	−22.1	62.6	339	0.13	0.0	1.0	29.4	32.0	−42.4	53.2	307	0.126	0.0	1.0	29.4	31.9	−42.5	53.2	306			
347.2	315.0	314.3	0.75	0.0	1.0	43.1	65.9	−14.9	67.6	347.2	0.75	0.0	1.0	43.1	66.0	−14.9	67.6	347	0.27	0.0	1.0	31.9	38.2	−38.1	54.0	315	0.265	0.0	1.0	31.8	37.7	−38.4	53.8	314			
350.2	322.5	321.4	0.875	0.0	1.0	45.9	69.4	−11.9	70.5	350.2	0.867	0.0	1.0	45.8	69.3	−12.0	70.3	350	0.333	0.0	1.0	33.1	43.9	−34.2	55.8	322	0.324	0.0	1.0	32.9	43.2	−34.8	55.5	321			
353.3	330.0	328.6	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	1.0	0.0	1.0	48.3	72.9	−8.5	73.4	353	0.432	0.0	1.0	35.7	50.5	−29.1	58.3	330	0.407	0.0	1.0	34.9	49.3	−30.0	57.7	328			
356.5	337.5	335.7	1.0	0.0	0.875	48.2	71.6	−4.3	71.7	356.5	1.0	0.0	0.883	48.3	71.7	−4.5	71.9	356	0.567	0.0	1.0	39.6	56.6	−23.9	61.5	337	0.529	0.0	1.0	38.6	55.0	−25.3	60.6	335			
360.3	345.0	342.8	1.0	0.0	0.75	48.1	70.4	0.3	70.4	360.3	1.0	0.0	0.75	48.2	70.5	0.4	70.5	360	0.713	0.0	1.0	42.5	64.0	−17.0	66.2	345	0.678	0.0	1.0	41.9	61.9	−19.0	64.8	342			
365.8	352.5	349.9	1.0	0.0	0.625	48.0	68.9	7.1	69.3	365.8	1.0	0.0	0.633	48.1	69.1	6.7	69.4	365	0.946	0.0	1.0	47.3	71.4	−9.9	72.1	352	0.842	0.0	1.0	45.2	68.6	−12.7	69.8	349			
371.6	360.0	357.0	1.0	0.0	0.5	47.7	67.7	14.0	69.1	371.6	1.0	0.0	0.5	47.8	67.7	14.0	69.2	371	1.0	0.0	0.761	48.2	70.6	0.0	70.6	360	0.949	0.0	1.0	47.3	71.5	−9.9	72.2	352			
378.2	367.5	364.1	1.0	0.0	0.375	47.7	66.1	21.8	69.6	378.2	1.0	0.0	0.383	47.8	66.3	21.3	69.7	377	1.0	0.0	0.601	48.0	68.8	8.4	69.3	367	1.0	0.0	0.765	48.2	70.6	−0.1	70.6	359			
383.9	375.0	371.2	1.0	0.0	0.25	47.7	65.0	28.9	71.2	383.9	1.0	0.0	0.25	47.7	65.1	28.9	71.2	383	1.0	0.0	0.437	47.8	67.1	18.0	69.4	375	1.0	0.0	0.563	47.9	68.4	10.6	69.2	368			
388.6	382.5	378.3	1.0	0.0	0.125	47.4	64.4	35.1	73.4	388.6	1.0	0.0	0.133	47.5	64.5	34.8	73.3	388	1.0	0.0	0.293	47.7	65.5	26.5	70.7	382	1.0	0.0	0.408	47.8	66.7	19.8	69.6	376			
392.8	390.0	385.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	392.8	1.0	0.0	0.0	47.4	63.9	41.2	76.0	392	1.0	0.0	0.084	47.4	64.3	37.1	74.3	390	1.0	0.0	0.209	47.6	64.9	30.9	71.9	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*$_S$: $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; 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)				
32.8	30.0	25.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
40.4	37.5	33.8	1.0	0.125	0.0	51.2	54.9	46.7	72.1	40.4
50.0	45.0	42.1	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50.0
61.1	52.5	50.5	1.0	0.375	0.0	61.4	33.2	60.3	68.8	61.1
71.4	60.0	58.8	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
81.7	67.5	67.2	1.0	0.625	0.0	73.6	11.0	76.1	76.9	81.7
88.5	75.0	75.6	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88.5
93.6	82.5	83.9	1.0	0.875	0.0	84.2	−5.7	89.4	89.6	93.6
97.1	90.0	92.3	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
100.3	97.5	101.0	0.875	1.0	0.0	85.8	−16.2	88.6	90.0	100.3
103.3	105.0	109.7	0.75	1.0	0.0	82.9	−19.7	83.0	85.3	103.3
108.3	112.5	118.5	0.625	1.0	0.0	77.0	−25.2	76.3	80.4	108.3
115.3	120.0	127.2	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
122.4	127.5	136.0	0.375	1.0	0.0	68.9	−36.9	58.1	68.8	122.4
134.9	135.0	144.7	0.25	1.0	0.0	60.8	−47.8	47.8	67.6	134.9
144.6	142.5	153.4	0.125	1.0	0.0	57.4	−54.9	38.9	67.3	144.6
157.7	150.0	162.2	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
163.7	157.5	169.0	0.0	1.0	0.125	52.5	−66.4	19.3	69.1	163.7
170.9	165.0	175.9	0.0	1.0	0.25	53.2	−61.9	9.8	62.7	170.9
181.0	172.5	182.7	0.0	1.0	0.375	54.1	−56.9	−1.0	56.9	181.0
193.5	180.0	189.6	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
205.9	187.5	196.4	0.0	1.0	0.625	55.8	−45.1	−21.9	50.1	205.9
218.4	195.0	203.2	0.0	1.0	0.75	56.7	−38.9	−30.9	49.7	218.4
227.3	202.5	210.1	0.0	1.0	0.875	57.5	−34.3	−37.2	50.6	227.3
236.1	210.0	216.9	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
240.3	217.5	223.8	0.0	0.875	1.0	55.2	−25.0	−43.9	50.5	240.3
245.8	225.0	230.6	0.0	0.75	1.0	51.7	−19.7	−44.1	48.3	245.8
252.5	232.5	237.5	0.0	0.625	1.0	47.7	−13.9	−44.4	46.5	252.5
262.3	240.0	244.3	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
271.7	247.5	251.2	0.0	0.375	1.0	37.9	1.3	−45.4	45.4	271.7
281.6	255.0	258.0	0.0	0.25	1.0	33.3	9.4	−46.0	47.0	281.6
290.3	262.5	264.8	0.0	0.125	1.0	28.6	17.4	−46.9	50.1	290.3
296.4	270.0	271.7	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
306.7	277.5	278.8	0.125	0.0	1.0	29.3	31.8	−42.6	53.1	306.7
312.7	285.0	285.9	0.25	0.0	1.0	31.5	36.2	−39.2	53.4	312.7
326.7	292.5	293.0	0.375	0.0	1.0	33.8	47.6	−31.2	56.9	326.7
333.9	300.0	300.1	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
339.6	307.5	307.2	0.625	0.0	1.0	40.9	58.8	−21.8	62.7	339.6
347.2	315.0	314.3	0.75	0.0	1.0	43.1	65.9	−14.9	67.6	347.2
350.2	322.5	321.4	0.875	0.0	1.0	45.9	69.4	−11.9	70.5	350.2
353.3	330.0	328.6	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
356.5	337.5	335.7	1.0	0.0	0.875	48.2	71.6	−4.3	71.7	356.5
360.3	345.0	342.8	1.0	0.0	0.75	48.1	70.4	0.3	70.4	360.3
365.8	352.5	349.9	1.0	0.0	0.625	48.0	68.9	7.1	69.3	365.8
371.6	360.0	357.0	1.0	0.0	0.5	47.7	67.7	14.0	69.1	371.6
378.2	367.5	364.1	1.0	0.0	0.375	47.7	66.1	21.8	69.6	378.2
383.9	375.0	371.2	1.0	0.0	0.25	47.7	65.0	28.9	71.2	383.9
388.6	382.5	378.3	1.0	0.0	0.125	47.4	64.4	35.1	73.4	388.6
392.8	390.0	385.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	392.8

	*rgb** dex361M			*LAB** dex361M				
32.8	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25
40.4	1.0	0.007	0.0	47.6	63.4	41.6	75.8	33
50.0	1.0	0.148	0.0	52.1	53.0	48.1	71.6	42
61.1	1.0	0.25	0.0	56.0	44.5	53.0	69.2	49
71.4	1.0	0.35	0.0	60.3	35.6	59.0	69.0	58
81.7	1.0	0.442	0.0	64.5	27.8	64.5	70.2	66
88.5	1.0	0.55	0.0	69.8	18.3	71.3	73.6	75
93.6	1.0	0.655	0.0	75.0	9.0	77.9	78.5	83
97.1	1.0	0.842	0.0	83.0	−3.4	87.8	87.9	92
100.3	0.871	1.0	0.0	85.8	−16.2	88.4	89.9	100
103.3	0.599	1.0	0.0	76.2	−26.6	74.3	78.9	109
108.3	0.455	1.0	0.0	71.4	−33.4	63.2	71.6	117
115.3	0.327	1.0	0.0	65.8	−41.3	54.4	68.4	127
122.4	0.244	1.0	0.0	60.7	−48.1	47.5	67.6	135
134.9	0.124	1.0	0.0	57.4	−54.9	38.9	67.4	144
144.6	0.047	1.0	0.0	54.0	−63.8	32.7	71.7	152
157.7	0.0	1.0	0.093	52.4	−67.0	21.5	70.5	162
163.7	0.0	1.0	0.209	53.1	−63.5	12.8	64.9	168
170.9	0.0	1.0	0.311	53.7	−59.7	4.3	59.9	175
181.0	0.0	1.0	0.387	54.2	−56.4	−2.2	56.5	182
193.5	0.0	1.0	0.46	54.6	−53.1	−8.9	54.0	189
205.9	0.0	1.0	0.524	55.0	−50.0	−14.3	52.1	195
218.4	0.0	1.0	0.598	55.6	−46.5	−19.9	50.7	203
227.3	0.0	1.0	0.662	56.1	−43.4	−24.7	50.1	209
236.1	0.0	1.0	0.736	56.7	−39.7	−29.9	49.8	216
240.3	0.0	1.0	0.819	57.2	−36.4	−34.4	50.3	223
245.8	0.0	1.0	0.922	57.9	−32.5	−39.7	51.4	230
252.5	0.0	0.974	1.0	57.7	−28.3	−43.7	52.2	237
262.3	0.0	0.785	1.0	52.7	−21.1	−44.1	49.0	244
271.7	0.0	0.659	1.0	48.9	−15.4	−44.3	47.1	250
281.6	0.0	0.555	1.0	45.0	−9.4	−44.8	45.9	258
290.3	0.0	0.472	1.0	41.7	−4.3	−45.1	45.4	264
296.4	0.0	0.375	1.0	37.9	1.4	−45.3	45.5	271
306.7	0.0	0.291	1.0	34.9	6.8	−45.9	46.5	278
312.7	0.0	0.188	1.0	31.0	13.3	−46.6	48.5	285
326.7	0.0	0.079	1.0	27.4	19.6	−47.1	51.1	292
333.9	0.046	0.0	1.0	26.8	26.6	−45.7	53.0	300
339.6	0.126	0.0	1.0	29.4	31.9	−42.5	53.2	306
347.2	0.265	0.0	1.0	31.8	37.7	−38.4	53.8	314
350.2	0.324	0.0	1.0	32.9	43.2	−34.8	55.5	321
353.3	0.407	0.0	1.0	34.9	49.3	−30.0	57.7	328
356.5	0.529	0.0	1.0	38.6	55.0	−25.3	60.6	335
360.3	0.678	0.0	1.0	41.9	61.9	−19.0	64.8	342
365.8	0.842	0.0	1.0	45.2	68.6	−12.7	69.8	349
371.6	0.949	0.0	1.0	47.3	71.5	−9.9	72.2	352
	1.0	0.0	0.765	48.2	70.6	−0.1	70.6	359
	1.0	0.0	0.563	47.9	68.4	10.6	69.2	368
	1.0	0.0	0.408	47.8	66.7	19.8	69.6	376
	1.0	0.0	0.209	47.6	64.9	30.9	71.9	385

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

TUB-test chart RE55; 1080 standard colours
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*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; 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		
32	30	25	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32		1.0	0.0	0.084	47.4	64.3	37.1	74.3	30		1.0	0.0	0.0	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25		1.0	0.0	0.0
33	31	26	1.0	0.016	0.0	47.8	62.7	42.0	75.4	33		1.0	0.0	0.054	47.4	64.2	38.6	74.9	31		1.0	0.017	0.0	1.0	0.0	0.18	47.6	64.8	32.4	72.5	26		1.0	0.017	0.0
34	32	27	1.0	0.033	0.0	48.3	61.5	42.8	74.9	34		1.0	0.0	0.025	47.4	64.0	40.0	75.5	32		1.0	0.033	0.0	1.0	0.0	0.15	47.5	64.6	33.9	73.0	27		1.0	0.033	0.0
35	33	28	1.0	0.05	0.0	48.9	60.3	43.6	74.4	35		1.0	0.003	0.0	47.5	63.7	41.3	75.9	33		1.0	0.05	0.0	1.0	0.0	0.119	47.5	64.4	35.5	73.6	28		1.0	0.05	0.0
36	34	29	1.0	0.066	0.0	49.4	59.1	44.3	73.9	36		1.0	0.019	0.0	48.0	62.5	42.2	75.4	34		1.0	0.067	0.0	1.0	0.0	0.086	47.4	64.3	37.0	74.2	29		1.0	0.067	0.0
37	35	31	1.0	0.083	0.0	49.9	57.9	45.1	73.4	37		1.0	0.036	0.0	48.5	61.4	43.0	74.9	35		1.0	0.083	0.0	1.0	0.0	0.053	47.4	64.2	38.6	74.9	31		1.0	0.083	0.0
38	36	32	1.0	0.1	0.0	50.4	56.7	45.7	72.9	38		1.0	0.052	0.0	49.0	60.2	43.7	74.4	36		1.0	0.1	0.0	1.0	0.0	0.02	47.4	64.0	40.2	75.6	32		1.0	0.1	0.0
39	37	33	1.0	0.116	0.0	50.9	55.5	46.4	72.3	39		1.0	0.069	0.0	49.5	59.0	44.5	73.9	37		1.0	0.117	0.0	1.0	0.007	0.0	47.6	63.4	41.6	75.8	33		1.0	0.117	0.0
41	38	34	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41		1.0	0.085	0.0	50.0	57.8	45.2	73.4	38		1.0	0.133	0.0	1.0	0.026	0.0	48.2	62.1	42.5	75.2	34		1.0	0.133	0.0
42	39	35	1.0	0.15	0.0	52.1	52.8	48.1	71.5	42		1.0	0.101	0.0	50.5	56.6	45.9	72.9	39		1.0	0.15	0.0	1.0	0.044	0.0	48.7	60.8	43.4	74.6	35		1.0	0.15	0.0
43	40	36	1.0	0.166	0.0	52.8	51.4	49.0	71.1	43		1.0	0.118	0.0	51.0	55.4	46.5	72.4	40		1.0	0.167	0.0	1.0	0.062	0.0	49.3	59.5	44.2	74.1	36		1.0	0.167	0.0
44	41	37	1.0	0.183	0.0	53.4	50.1	49.9	70.7	44		1.0	0.132	0.0	51.5	54.3	47.2	72.0	41		1.0	0.183	0.0	1.0	0.081	0.0	49.8	58.1	45.0	73.5	37		1.0	0.183	0.0
46	42	38	1.0	0.2	0.0	54.1	48.7	50.7	70.3	46		1.0	0.145	0.0	52.0	53.2	47.9	71.7	42		1.0	0.2	0.0	1.0	0.099	0.0	50.4	56.8	45.8	72.9	38		1.0	0.2	0.0
47	43	39	1.0	0.216	0.0	54.7	47.3	51.5	69.9	47		1.0	0.158	0.0	52.5	52.2	48.7	71.3	43		1.0	0.217	0.0	1.0	0.117	0.0	51.0	55.5	46.5	72.4	39		1.0	0.217	0.0
48	44	41	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48		1.0	0.172	0.0	53.0	51.1	49.3	71.0	44		1.0	0.233	0.0	1.0	0.133	0.0	51.5	54.2	47.3	71.9	41		1.0	0.233	0.0
50	45	42	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50		1.0	0.185	0.0	53.5	50.0	50.0	70.7	45		1.0	0.25	0.0	1.0	0.148	0.0	52.1	53.0	48.1	71.6	42		1.0	0.25	0.0
51	46	43	1.0	0.266	0.0	56.7	43.0	54.1	69.1	51		1.0	0.198	0.0	54.0	48.9	50.7	70.4	46		1.0	0.267	0.0	1.0	0.162	0.0	52.7	51.9	48.9	71.2	43		1.0	0.267	0.0
52	47	44	1.0	0.283	0.0	57.4	41.5	55.1	69.1	52		1.0	0.211	0.0	54.5	47.8	51.3	70.1	47		1.0	0.283	0.0	1.0	0.177	0.0	53.2	50.6	49.6	70.9	44		1.0	0.283	0.0
54	48	45	1.0	0.3	0.0	58.2	40.1	56.2	69.0	54		1.0	0.224	0.0	55.0	46.7	51.9	69.8	48		1.0	0.3	0.0	1.0	0.191	0.0	53.8	49.4	50.4	70.6	45		1.0	0.3	0.0
55	49	46	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55		1.0	0.237	0.0	55.5	45.6	52.4	69.5	49		1.0	0.317	0.0	1.0	0.206	0.0	54.3	48.2	51.1	70.2	46		1.0	0.317	0.0
57	50	47	1.0	0.333	0.0	59.6	37.1	58.1	68.9	57		1.0	0.25	0.0	56.0	44.5	53.0	69.2	50		1.0	0.333	0.0	1.0	0.22	0.0	54.9	47.0	51.7	69.9	47		1.0	0.333	0.0
58	51	48	1.0	0.35	0.0	60.3	35.5	59.0	68.9	58		1.0	0.261	0.0	56.5	43.5	53.7	69.2	51		1.0	0.35	0.0	1.0	0.235	0.0	55.5	45.7	52.4	69.5	48		1.0	0.35	0.0
60	52	49	1.0	0.366	0.0	61.0	34.0	59.9	68.9	60		1.0	0.272	0.0	57.0	42.6	54.5	69.1	52		1.0	0.367	0.0	1.0	0.25	0.0	56.0	44.5	53.0	69.2	49		1.0	0.367	0.0
61	53	51	1.0	0.383	0.0	61.8	32.5	60.8	69.0	61		1.0	0.283	0.0	57.5	41.6	55.2	69.1	53		1.0	0.383	0.0	1.0	0.262	0.0	56.6	43.4	53.8	69.1	51		1.0	0.383	0.0
63	54	52	1.0	0.4	0.0	62.5	31.2	61.9	69.3	63		1.0	0.295	0.0	58.0	40.6	55.9	69.1	54		1.0	0.4	0.0	1.0	0.275	0.0	57.1	42.4	54.6	69.1	52		1.0	0.4	0.0
64	55	53	1.0	0.416	0.0	63.3	29.8	62.9	69.6	64		1.0	0.306	0.0	58.5	39.6	56.6	69.1	55		1.0	0.417	0.0	1.0	0.287	0.0	57.6	41.3	55.4	69.1	53		1.0	0.417	0.0
65	56	54	1.0	0.433	0.0	64.1	28.4	63.9	70.0	65		1.0	0.317	0.0	58.9	38.6	57.2	69.0	56		1.0	0.433	0.0	1.0	0.3	0.0	58.2	40.2	56.2	69.1	54		1.0	0.433	0.0
67	57	55	1.0	0.45	0.0	64.9	27.0	64.9	70.3	67		1.0	0.328	0.0	59.4	37.6	57.9	69.0	57		1.0	0.45	0.0	1.0	0.312	0.0	58.7	39.0	56.9	69.0	55		1.0	0.45	0.0
68	58	56	1.0	0.466	0.0	65.6	25.6	65.8	70.6	68		1.0	0.34	0.0	59.9	36.6	58.5	69.0	58		1.0	0.467	0.0	1.0	0.325	0.0	59.3	37.9	57.7	69.0	56		1.0	0.467	0.0
70	59	57	1.0	0.483	0.0	66.4	24.1	66.7	70.9	70		1.0	0.351	0.0	60.4	35.5	59.1	69.0	59		1.0	0.483	0.0	1.0	0.337	0.0	59.8	36.8	58.4	69.0	57		1.0	0.483	0.0
71	60	58	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71		1.0	0.362	0.0	60.9	34.5	59.7	68.9	60		1.0	0.5	0.0	1.0	0.35	0.0	60.3	35.6	59.0	69.0	58		1.0	0.5	0.0
72	61	60	1.0	0.516	0.0	68.0	21.2	68.8	72.0	72		1.0	0.373	0.0	61.4	33.4	60.3	68.9	61		1.0	0.517	0.0	1.0	0.362	0.0	60.9	34.5	59.7	68.9	60		1.0	0.517	0.0
74	62	61	1.0	0.533	0.0	68.9	19.7	70.0	72.8	74		1.0	0.385	0.0	61.9	32.4	61.0	69.1	62		1.0	0.533	0.0	1.0	0.375	0.0	61.4	33.3	60.3	68.9	61		1.0	0.533	0.0
75	63	62	1.0	0.55	0.0	69.7	18.2	71.2	73.5	75		1.0	0.397	0.0	62.5	31.5	61.8	69.3	63		1.0	0.55	0.0	1.0	0.388	0.0	62.0	32.2	61.2	69.1	62		1.0	0.55	0.0
76	64	63	1.0	0.566	0.0	70.6	16.7	72.4	74.3	76		1.0	0.409	0.0	63.0	30.5	62.5	69.6	64		1.0	0.567	0.0	1.0	0.402	0.0	62.7	31.1	62.0	69.4	63		1.0	0.567	0.0
78	65	64	1.0	0.583	0.0	71.5	15.1	73.5	75.0	78		1.0	0.421	0.0	63.6	29.5	63.2	69.8	65		1.0	0.583	0.0	1.0	0.415	0.0	63.3	30.0	62.9	69.7	64		1.0	0.583	0.0
79	66	65	1.0	0.6	0.0	72.3	13.5	74.6	75.8	79		1.0	0.434	0.0	64.2	28.5	64.0	70.0	66		1.0	0.6	0.0	1.0	0.428	0.0	63.9	28.9	63.7	69.9	65		1.0	0.6	0.0
81	67	66	1.0	0.616	0.0	73.2	11.8	75.6	76.6	81		1.0	0.446	0.0	64.7	27.4	64.7	70.3	67		1.0	0.617	0.0	1.0	0.442	0.0	64.5	27.8	64.5	70.2	66		1.0	0.617	0.0
82	68	67	1.0	0.633	0.0	74.0	10.4	76.6	77.3	82		1.0	0.458	0.0	65.3	26.4	65.4	70.5	68		1.0	0.633	0.0	1.0	0.455	0.0	65.2	26.6	65.2	70.4	67		1.0	0.633	0.0
83	69	68	1.0	0.65	0.0	74.7	9.3	77.6	78.2	83		1.0	0.47	0.0	65.8	25.3	66.0	70.7	69		1.0	0.65	0.0	1.0	0.469	0.0	65.8	25.4	66.0	70.7	68		1.0	0.65	0.0
84	70	70	1.0	0.666	0.0	75.5	8.2	78.6	79.0	84		1.0	0.482	0.0	66.4	24.3	66.7	70.9	70		1.0	0.667	0.0	1.0	0.482	0.0	66.4	24.2	66.7	71.0	70		1.0	0.667	0.0
84	71	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84		1.0	0.494	0.0	66.9	23.2	67.3	71.2	71		1.0	0.683	0.0	1.0	0.496	0.0	67.0	23.0	67.4	71.2	71		1.0	0.683	0.0
85	72	72	1.0	0.7	0.0	77.0	5.8	80.4	80.6	85		1.0	0.506	0.0	67.5	22.1	68.1	71.6	72		1.0	0.7	0.0	1.0	0.509	0.0	67.7	21.9	68.3	71.7	72		1.0	0.7	0.0
86	73	73	1.0	0.716	0.0	77.7	4.5	81.3	81.4	86		1.0	0.518	0.0	68.2	21.1	69.0	72.1	73		1.0	0.717	0.0	1.0	0.523	0.0	68.4	20.7	69.3	72.3	73		1.0	0.717	0.0
87	74	74	1.0	0.733	0.0	78.5	3.3	82.2	82.3	87		1.0	0.531	0.0	68.8	20.0	69.9	72.7	74		1.0	0.733	0.0	1.0	0.537	0.0	69.1	19.5	70.3	73.0	74		1.0	0.733	0.0
88	75	75	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88		1.0	0.543	0.0	69.4	19.0	70.7	73.2	75		1.0	0.75	0.0	1.0	0.55	0.0	69.8	18.3	71.3	73.6	75		1.0	0.75	0.0

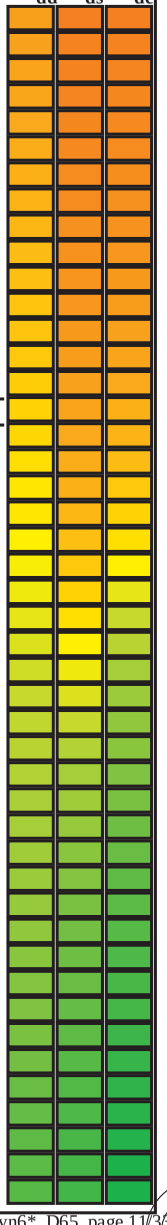
*rgb**$_{dd}$ *rgb**$_{ds}$ *rgb**$_{de}$

TUB-test chart RE55; 1080 standard colours
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*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; 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
88	75	75	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88	1.0	0.543	0.0	69.4	19.0	70.7	73.2	75	1.0	0.75	0.0	1.0	0.55	0.0	69.8	18.3	71.3	73.6	75	1.0	0.75	0.0			
89	76	76	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89	1.0	0.555	0.0	70.0	17.9	71.6	73.8	76	1.0	0.767	0.0	1.0	0.564	0.0	70.5	17.0	72.2	74.2	76	1.0	0.767	0.0			
89	77	77	1.0	0.783	0.0	80.6	0.0	84.8	84.8	89	1.0	0.567	0.0	70.7	16.7	72.4	74.3	77	1.0	0.783	0.0	1.0	0.577	0.0	71.2	15.8	73.1	74.8	77	1.0	0.783	0.0			
90	78	78	1.0	0.8	0.0	81.2	−0.9	85.7	85.7	90	1.0	0.579	0.0	71.3	15.6	73.3	74.9	78	1.0	0.8	0.0	1.0	0.591	0.0	71.9	14.5	74.0	75.4	78	1.0	0.8	0.0			
91	79	80	1.0	0.816	0.0	81.9	−1.9	86.5	86.5	91	1.0	0.591	0.0	71.9	14.4	74.1	75.5	79	1.0	0.817	0.0	1.0	0.604	0.0	72.6	13.1	74.9	76.0	80	1.0	0.817	0.0			
91	80	81	1.0	0.833	0.0	82.6	−3.0	87.4	87.4	91	1.0	0.604	0.0	72.5	13.2	74.9	76.0	80	1.0	0.833	0.0	1.0	0.618	0.0	73.3	11.8	75.8	76.7	81	1.0	0.833	0.0			
92	81	82	1.0	0.85	0.0	83.2	−4.0	88.2	88.3	92	1.0	0.616	0.0	73.2	12.0	75.6	76.6	81	1.0	0.85	0.0	1.0	0.635	0.0	74.1	10.4	76.8	77.5	82	1.0	0.85	0.0			
93	82	83	1.0	0.866	0.0	83.9	−5.1	89.0	89.2	93	1.0	0.629	0.0	73.8	10.7	76.5	77.2	82	1.0	0.867	0.0	1.0	0.655	0.0	75.0	9.0	77.9	78.5	83	1.0	0.867	0.0			
93	83	84	1.0	0.883	0.0	84.5	−6.1	89.8	90.0	93	1.0	0.648	0.0	74.7	9.5	77.5	78.1	83	1.0	0.883	0.0	1.0	0.675	0.0	75.9	7.6	79.1	79.5	84	1.0	0.883	0.0			
94	84	85	1.0	0.9	0.0	85.1	−6.9	90.6	90.8	94	1.0	0.666	0.0	75.5	8.3	78.6	79.0	84	1.0	0.9	0.0	1.0	0.696	0.0	76.8	6.1	80.2	80.5	85	1.0	0.9	0.0			
94	85	86	1.0	0.916	0.0	85.6	−7.7	91.3	91.7	94	1.0	0.684	0.0	76.3	7.0	79.6	79.9	85	1.0	0.917	0.0	1.0	0.716	0.0	77.8	4.6	81.3	81.5	86	1.0	0.917	0.0			
95	86	87	1.0	0.933	0.0	86.1	−8.5	92.1	92.5	95	1.0	0.703	0.0	77.1	5.6	80.6	80.8	86	1.0	0.933	0.0	1.0	0.736	0.0	78.7	3.1	82.4	82.5	87	1.0	0.933	0.0			
95	87	88	1.0	0.95	0.0	86.7	−9.3	92.9	93.3	95	1.0	0.721	0.0	78.0	4.3	81.6	81.7	87	1.0	0.95	0.0	1.0	0.759	0.0	79.7	1.5	83.6	83.6	88	1.0	0.95	0.0			
96	88	90	1.0	0.966	0.0	87.2	−10.2	93.6	94.2	96	1.0	0.739	0.0	78.8	2.9	82.5	82.6	88	1.0	0.967	0.0	1.0	0.787	0.0	80.8	0.0	85.0	85.0	90	1.0	0.967	0.0			
96	89	91	1.0	0.983	0.0	87.8	−11.1	94.3	95.0	96	1.0	0.76	0.0	79.7	1.5	83.6	83.6	89	1.0	0.983	0.0	1.0	0.814	0.0	81.9	−1.7	86.5	86.5	91	1.0	0.983	0.0			
97	90	92	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97	Y_d	1.0	0.785	0.0	80.7	0.0	84.9	84.9	90	Y_s	1.0	1.0	0.0	1.0	0.842	0.0	83.0	−3.4	87.8	87.9	92	Y_e	1.0	1.0	0.0			
97	91	93	0.983	1.0	0.0	88.0	−12.5	94.2	95.1	97	1.0	0.809	0.0	81.7	−1.4	86.2	86.2	91	0.983	1.0	0.0	1.0	0.871	0.0	84.1	−5.3	89.2	89.4	93	0.983	1.0	0.0			
98	92	94	0.966	1.0	0.0	87.7	−13.1	93.4	94.3	98	1.0	0.834	0.0	82.7	−3.0	87.5	87.5	92	0.967	1.0	0.0	1.0	0.91	0.0	85.4	−7.3	91.1	91.4	94	0.967	1.0	0.0			
98	93	95	0.95	1.0	0.0	87.3	−13.7	92.5	93.5	98	1.0	0.859	0.0	83.6	−4.5	88.7	88.8	93	0.95	1.0	0.0	1.0	0.951	0.0	86.8	−9.4	93.0	93.4	95	0.95	1.0	0.0			
98	94	96	0.933	1.0	0.0	87.0	−14.3	91.6	92.7	98	1.0	0.887	0.0	84.7	−6.2	90.0	90.3	94	0.933	1.0	0.0	1.0	0.993	0.0	88.1	−11.5	94.8	95.5	96	0.933	1.0	0.0			
99	95	98	0.916	1.0	0.0	86.6	−14.8	90.8	92.0	99	1.0	0.923	0.0	85.8	−7.9	91.7	92.0	95	0.917	1.0	0.0	0.963	1.0	0.0	87.6	−13.2	93.2	94.1	98	0.917	1.0	0.0			
99	96	99	0.9	1.0	0.0	86.3	−15.4	89.9	91.2	99	1.0	0.958	0.0	87.0	−9.7	93.3	93.8	96	0.9	1.0	0.0	0.917	1.0	0.0	86.7	−14.8	90.8	92.0	99	0.9	1.0	0.0			
100	97	100	0.883	1.0	0.0	86.0	−15.9	89.0	90.4	100	1.0	0.994	0.0	88.2	−11.5	94.8	95.6	97	0.883	1.0	0.0	0.871	1.0	0.0	85.8	−16.2	88.4	89.9	100	0.883	1.0	0.0			
100	98	101	0.866	1.0	0.0	85.6	−16.4	88.2	89.7	100	0.968	1.0	0.0	87.7	−13.0	93.5	94.4	98	0.867	1.0	0.0	0.823	1.0	0.0	84.7	−17.7	86.3	88.1	101	0.867	1.0	0.0			
100	99	102	0.85	1.0	0.0	85.2	−16.9	87.4	89.1	100	0.929	1.0	0.0	86.9	−14.4	91.4	92.6	99	0.85	1.0	0.0	0.774	1.0	0.0	83.5	−19.0	84.1	86.2	102	0.85	1.0	0.0			
101	100	103	0.833	1.0	0.0	84.8	−17.4	86.7	88.4	101	0.89	1.0	0.0	86.2	−15.7	89.4	90.8	100	0.833	1.0	0.0	0.735	1.0	0.0	82.3	−20.3	82.2	84.7	103	0.833	1.0	0.0			
101	101	105	0.816	1.0	0.0	84.5	−17.9	86.0	87.8	101	0.849	1.0	0.0	85.3	−16.9	87.5	89.1	101	0.817	1.0	0.0	0.706	1.0	0.0	80.9	−21.7	80.7	83.6	105	0.817	1.0	0.0			
102	102	106	0.8	1.0	0.0	84.1	−18.3	85.2	87.2	102	0.807	1.0	0.0	84.3	−18.1	85.6	87.5	102	0.8	1.0	0.0	0.676	1.0	0.0	79.5	−23.0	79.1	82.4	106	0.8	1.0	0.0			
102	103	107	0.783	1.0	0.0	83.7	−18.8	84.5	86.5	102	0.765	1.0	0.0	83.3	−19.2	83.7	85.9	103	0.783	1.0	0.0	0.647	1.0	0.0	78.1	−24.3	77.5	81.3	107	0.783	1.0	0.0			
102	104	108	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102	0.734	1.0	0.0	82.2	−20.4	82.2	84.7	104	0.767	1.0	0.0	0.62	1.0	0.0	76.9	−25.5	75.9	80.1	108	0.767	1.0	0.0			
103	105	109	0.75	1.0	0.0	82.9	−19.7	83.0	85.3	103	0.709	1.0	0.0	81.0	−21.6	80.9	83.7	105	0.75	1.0	0.0	0.599	1.0	0.0	76.2	−26.6	74.3	78.9	109	0.75	1.0	0.0			
104	106	110	0.733	1.0	0.0	82.2	−20.5	82.1	84.6	104	0.684	1.0	0.0	79.9	−22.7	79.5	82.7	106	0.733	1.0	0.0	0.578	1.0	0.0	75.5	−27.7	72.6	77.7	110	0.733	1.0	0.0			
104	107	112	0.716	1.0	0.0	81.4	−21.3	81.2	84.0	104	0.658	1.0	0.0	78.7	−23.8	78.2	81.7	107	0.717	1.0	0.0	0.558	1.0	0.0	74.8	−28.7	70.9	76.5	112	0.717	1.0	0.0			
105	108	113	0.7	1.0	0.0	80.6	−22.0	80.3	83.3	105	0.633	1.0	0.0	77.5	−24.9	76.8	80.8	108	0.7	1.0	0.0	0.537	1.0	0.0	74.1	−29.7	69.2	75.3	113	0.7	1.0	0.0			
106	109	114	0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106	0.613	1.0	0.0	76.7	−25.9	75.4	79.7	109	0.683	1.0	0.0	0.517	1.0	0.0	73.4	−30.6	67.5	74.1	114	0.683	1.0	0.0			
106	110	115	0.666	1.0	0.0	79.0	−23.5	78.6	82.0	106	0.595	1.0	0.0	76.1	−26.8	74.0	78.7	110	0.667	1.0	0.0	0.496	1.0	0.0	72.7	−31.5	65.8	73.0	115	0.667	1.0	0.0			
107	111	116	0.65	1.0	0.0	78.2	−24.2	77.7	81.4	107	0.578	1.0	0.0	75.5	−27.7	72.5	77.7	111	0.65	1.0	0.0	0.475	1.0	0.0	72.0	−32.5	64.5	72.3	116	0.65	1.0	0.0			
107	112	117	0.633	1.0	0.0	77.4	−24.9	76.8	80.7	107	0.56	1.0	0.0	74.9	−28.6	71.1	76.6	112	0.633	1.0	0.0	0.455	1.0	0.0	71.4	−33.4	63.2	71.6	117	0.633	1.0	0.0			
108	113	119	0.616	1.0	0.0	76.8	−25.7	75.6	79.9	108	0.542	1.0	0.0	74.2	−29.4	69.6	75.6	113	0.617	1.0	0.0	0.434	1.0	0.0	70.7	−34.4	61.9	70.9	119	0.617	1.0	0.0			
109	114	120	0.6	1.0	0.0	76.2	−26.6	74.3	78.9	109	0.525	1.0	0.0	73.6	−30.2	68.1	74.6	114	0.6	1.0	0.0	0.413	1.0	0.0	70.1	−35.3	60.6	70.2	120	0.6	1.0	0.0			
110	115	121	0.583	1.0	0.0	75.6	−27.5	72.9	78.0	110	0.507	1.0	0.0	73.0	−31.0	66.7	73.5	115	0.583	1.0	0.0	0.393	1.0	0.0	69.5	−36.1	59.2	69.4	121	0.583	1.0	0.0			
111	116	122	0.566	1.0	0.0	75.0	−28.3	71.6	77.0	111	0.489	1.0	0.0	72.5	−31.8	65.4	72.8	116	0.567	1.0	0.0	0.373	1.0	0.0	68.8	−37.0	58.0	68.8	122	0.567	1.0	0.0			
112	117	123	0.55	1.0	0.0	74.5	−29.1	70.2	76.0	112	0.471	1.0	0.0	71.9	−32.7	64.3	72.2	117	0.55	1.0	0.0	0.362	1.0	0.0	68.1	−38.1	57.1	68.7	123	0.55	1.0	0.0			
113	118	124	0.533	1.0	0.0	73.9	−29.9	68.8	75.0	113	0.454	1.0	0.0	71.4	−33.5	63.2	71.5	118	0.533	1.0	0.0	0.35	1.0	0.0	67.3	−39.2	56.2	68.6	124	0.533	1.0	0.0			
114	119	126	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114	0.436	1.0	0.0	70.8	−34.3	62.0	70.9	119	0.517	1.0	0.0	0.338	1.0	0.0	66.6	−40.3	55.3	68.5	126	0.517	1.0	0.0			
115	120	127	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115	0.418	1.0	0.0	70.3	−35.1	60.9	70.3	120	0.5	1.0	0.0	0.327	1.0	0.0	65.8	−41.3	54.4	68.4	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*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

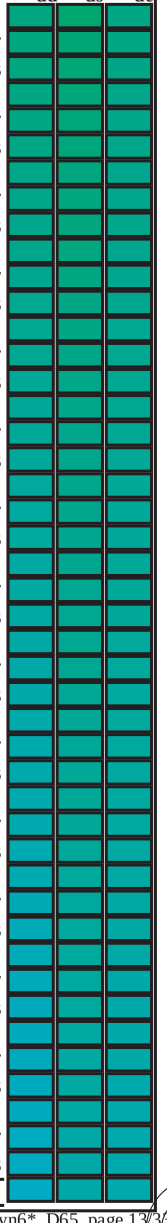
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M	*LAB**ddx361Mi (x=LabCh)	*rgb**ds361Mi	*LAB**dsx361Mi (x=LabCh)	*rgb**dd361Mi	*rgb**de361Mi	*LAB**dex361Mi (x=LabCh)	*rgb**dd361Mi
115	120	127	0.5 1.0 0.0	72.7 −31.3 66.0 73.1 115	0.418 1.0 0.0	70.3 −35.1 60.9 70.3 120	0.5 1.0 0.0	0.327 1.0 0.0	65.8 −41.3 54.4 68.4 127	0.5 1.0 0.0
116	121	128	0.483 1.0 0.0	72.2 −32.1 65.0 72.5 116	0.4 1.0 0.0	69.7 −35.8 59.8 69.7 121	0.483 1.0 0.0	0.315 1.0 0.0	65.1 −42.3 53.5 68.3 128	0.483 1.0 0.0
117	122	129	0.466 1.0 0.0	71.7 −32.9 63.9 71.9 117	0.383 1.0 0.0	69.2 −36.5 58.6 69.1 122	0.467 1.0 0.0	0.303 1.0 0.0	64.3 −43.3 52.5 68.2 129	0.467 1.0 0.0
118	123	130	0.45 1.0 0.0	71.2 −33.7 62.9 71.4 118	0.369 1.0 0.0	68.5 −37.4 57.7 68.8 123	0.45 1.0 0.0	0.292 1.0 0.0	63.6 −44.3 51.5 68.1 130	0.45 1.0 0.0
119	124	131	0.433 1.0 0.0	70.7 −34.5 61.8 70.8 119	0.359 1.0 0.0	67.9 −38.3 56.9 68.7 124	0.433 1.0 0.0	0.28 1.0 0.0	62.8 −45.3 50.6 67.9 131	0.433 1.0 0.0
120	125	133	0.416 1.0 0.0	70.2 −35.2 60.8 70.2 120	0.349 1.0 0.0	67.3 −39.2 56.2 68.6 125	0.417 1.0 0.0	0.269 1.0 0.0	62.1 −46.2 49.5 67.8 133	0.417 1.0 0.0
121	126	134	0.4 1.0 0.0	69.6 −35.9 59.7 69.6 121	0.339 1.0 0.0	66.6 −40.2 55.4 68.5 126	0.4 1.0 0.0	0.257 1.0 0.0	61.3 −47.2 48.5 67.7 134	0.4 1.0 0.0
121	127	135	0.383 1.0 0.0	69.1 −36.5 58.6 69.1 121	0.329 1.0 0.0	66.0 −41.1 54.6 68.4 127	0.383 1.0 0.0	0.244 1.0 0.0	60.7 −48.1 47.5 67.6 135	0.383 1.0 0.0
123	128	136	0.366 1.0 0.0	68.3 −37.7 57.4 68.7 123	0.319 1.0 0.0	65.3 −42.0 53.8 68.3 128	0.367 1.0 0.0	0.229 1.0 0.0	60.3 −49.0 46.5 67.6 136	0.367 1.0 0.0
124	129	137	0.35 1.0 0.0	67.3 −39.2 56.2 68.6 124	0.309 1.0 0.0	64.7 −42.8 53.0 68.2 129	0.35 1.0 0.0	0.214 1.0 0.0	59.9 −49.9 45.4 67.6 137	0.35 1.0 0.0
126	130	138	0.333 1.0 0.0	66.2 −40.8 54.9 68.4 126	0.299 1.0 0.0	64.1 −43.7 52.2 68.1 130	0.333 1.0 0.0	0.199 1.0 0.0	59.5 −50.8 44.4 67.5 138	0.333 1.0 0.0
128	131	140	0.316 1.0 0.0	65.1 −42.3 53.6 68.2 128	0.289 1.0 0.0	63.4 −44.5 51.3 68.0 131	0.317 1.0 0.0	0.184 1.0 0.0	59.1 −51.7 43.3 67.5 140	0.317 1.0 0.0
129	132	141	0.3 1.0 0.0	64.0 −43.7 52.2 68.1 129	0.28 1.0 0.0	62.8 −45.4 50.5 67.9 132	0.3 1.0 0.0	0.169 1.0 0.0	58.6 −52.5 42.2 67.5 141	0.3 1.0 0.0
131	133	142	0.283 1.0 0.0	63.0 −45.1 50.8 67.9 131	0.27 1.0 0.0	62.1 −46.2 49.6 67.8 133	0.283 1.0 0.0	0.154 1.0 0.0	58.2 −53.3 41.1 67.4 142	0.283 1.0 0.0
133	134	143	0.266 1.0 0.0	61.9 −46.5 49.3 67.8 133	0.26 1.0 0.0	61.5 −47.0 48.7 67.8 134	0.267 1.0 0.0	0.139 1.0 0.0	57.8 −54.1 40.0 67.4 143	0.267 1.0 0.0
134	135	144	0.25 1.0 0.0	60.8 −47.8 47.8 67.6 134	0.249 1.0 0.0	60.9 −47.7 47.8 67.7 135	0.25 1.0 0.0	0.124 1.0 0.0	57.4 −54.9 38.9 67.4 144	0.25 1.0 0.0
136	136	145	0.233 1.0 0.0	60.4 −48.8 46.7 67.6 136	0.237 1.0 0.0	60.5 −48.5 47.0 67.6 136	0.233 1.0 0.0	0.113 1.0 0.0	56.9 −56.2 38.1 68.0 145	0.233 1.0 0.0
137	137	147	0.216 1.0 0.0	59.9 −49.8 45.6 67.5 137	0.224 1.0 0.0	60.1 −49.3 46.1 67.6 137	0.217 1.0 0.0	0.102 1.0 0.0	56.4 −57.5 37.3 68.6 147	0.217 1.0 0.0
138	138	148	0.2 1.0 0.0	59.4 −50.8 44.4 67.5 138	0.211 1.0 0.0	59.8 −50.1 45.2 67.6 138	0.2 1.0 0.0	0.091 1.0 0.0	55.9 −58.8 36.4 69.2 148	0.2 1.0 0.0
140	139	149	0.183 1.0 0.0	59.0 −51.8 43.2 67.4 140	0.198 1.0 0.0	59.4 −50.9 44.3 67.5 139	0.183 1.0 0.0	0.08 1.0 0.0	55.4 −60.0 35.6 69.9 149	0.183 1.0 0.0
141	140	150	0.166 1.0 0.0	58.5 −52.7 42.0 67.4 141	0.185 1.0 0.0	59.1 −51.6 43.4 67.5 140	0.167 1.0 0.0	0.069 1.0 0.0	55.0 −61.3 34.6 70.5 150	0.167 1.0 0.0
142	141	151	0.15 1.0 0.0	58.1 −53.6 40.8 67.4 142	0.172 1.0 0.0	58.7 −52.3 42.5 67.5 141	0.15 1.0 0.0	0.058 1.0 0.0	54.5 −62.5 33.7 71.1 151	0.15 1.0 0.0
144	142	152	0.133 1.0 0.0	57.6 −54.5 39.5 67.3 144	0.159 1.0 0.0	58.4 −53.0 41.5 67.4 142	0.133 1.0 0.0	0.047 1.0 0.0	54.0 −63.8 32.7 71.7 152	0.133 1.0 0.0
145	143	154	0.116 1.0 0.0	57.0 −55.9 38.3 67.8 145	0.147 1.0 0.0	58.0 −53.7 40.6 67.4 143	0.117 1.0 0.0	0.035 1.0 0.0	53.5 −65.0 31.7 72.4 154	0.117 1.0 0.0
147	144	155	0.1 1.0 0.0	56.3 −57.8 37.1 68.7 147	0.134 1.0 0.0	57.7 −54.4 39.6 67.4 144	0.1 1.0 0.0	0.024 1.0 0.0	53.0 −66.2 30.6 73.0 155	0.1 1.0 0.0
149	145	156	0.083 1.0 0.0	55.5 −59.7 35.8 69.6 149	0.122 1.0 0.0	57.3 −55.2 38.7 67.5 145	0.083 1.0 0.0	0.013 1.0 0.0	52.5 −67.4 29.5 73.6 156	0.083 1.0 0.0
150	146	157	0.066 1.0 0.0	54.8 −61.6 34.4 70.6 150	0.112 1.0 0.0	56.9 −56.3 38.1 68.0 146	0.067 1.0 0.0	0.002 1.0 0.0	52.0 −68.5 28.3 74.2 157	0.067 1.0 0.0
152	147	158	0.049 1.0 0.0	54.1 −63.4 32.9 71.5 152	0.103 1.0 0.0	56.4 −57.4 37.4 68.6 147	0.05 1.0 0.0	0.0 1.0 0.02	52.1 −68.4 26.7 73.6 158	0.05 1.0 0.0
154	148	159	0.033 1.0 0.0	53.4 −65.3 31.4 72.4 154	0.093 1.0 0.0	56.0 −58.5 36.6 69.1 148	0.033 1.0 0.0	0.0 1.0 0.044	52.2 −68.0 24.9 72.5 159	0.033 1.0 0.0
156	149	161	0.016 1.0 0.0	52.6 −67.1 29.8 73.4 156	0.084 1.0 0.0	55.6 −59.6 35.9 69.7 149	0.017 1.0 0.0	0.0 1.0 0.069	52.3 −67.6 23.2 71.5 161	0.017 1.0 0.0
157	150	162	0.0 1.0 0.0	51.9 −68.8 28.1 74.3 157	G_d 0.074 1.0 0.0	55.2 −60.7 35.1 70.2 150	G_s 0.0 1.0 0.0	0.0 1.0 0.093	52.4 −67.0 21.5 70.5 162	G_e 0.0 1.0 0.0
158	151	163	0.0 1.0 0.016	52.0 −68.5 26.9 73.6 158	0.065 1.0 0.0	54.8 −61.8 34.3 70.7 151	0.0 1.0 0.017	0.0 1.0 0.112	52.5 −66.6 20.2 69.7 163	0.0 1.0 0.017
159	152	164	0.0 1.0 0.033	52.1 −68.3 25.7 72.9 159	0.055 1.0 0.0	54.4 −62.8 33.5 71.3 152	0.0 1.0 0.033	0.0 1.0 0.13	52.6 −66.2 18.9 68.9 164	0.0 1.0 0.033
160	153	164	0.0 1.0 0.05	52.2 −68.0 24.5 72.2 160	0.046 1.0 0.0	53.9 −63.9 32.6 71.8 153	0.0 1.0 0.05	0.0 1.0 0.146	52.7 −65.7 17.7 68.1 164	0.0 1.0 0.05
160	154	165	0.0 1.0 0.066	52.2 −67.6 23.3 71.6 160	0.036 1.0 0.0	53.5 −64.9 31.7 72.3 154	0.0 1.0 0.067	0.0 1.0 0.162	52.8 −65.2 16.4 67.3 165	0.0 1.0 0.067
161	155	166	0.0 1.0 0.083	52.3 −67.3 22.1 70.9 161	0.027 1.0 0.0	53.1 −65.9 30.8 72.9 155	0.0 1.0 0.083	0.0 1.0 0.178	52.9 −64.6 15.2 66.5 166	0.0 1.0 0.083
162	156	167	0.0 1.0 0.1	52.4 −66.9 21.0 70.2 162	0.017 1.0 0.0	52.7 −67.0 29.9 73.4 156	0.0 1.0 0.1	0.0 1.0 0.193	53.0 −64.1 14.0 65.7 167	0.0 1.0 0.1
163	157	168	0.0 1.0 0.116	52.5 −66.6 19.9 69.5 163	0.008 1.0 0.0	52.3 −68.0 28.9 73.9 157	0.0 1.0 0.117	0.0 1.0 0.209	53.1 −63.5 12.8 64.9 168	0.0 1.0 0.117
164	158	169	0.0 1.0 0.133	52.6 −66.1 18.6 68.7 164	0.0 1.0 0.004	52.0 −68.7 27.8 74.2 158	0.0 1.0 0.133	0.0 1.0 0.225	53.2 −62.9 11.6 64.1 169	0.0 1.0 0.133
165	159	170	0.0 1.0 0.15	52.7 −65.6 17.3 67.9 165	0.0 1.0 0.025	52.1 −68.3 26.3 73.3 159	0.0 1.0 0.15	0.0 1.0 0.241	53.2 −62.3 10.5 63.3 170	0.0 1.0 0.15
166	160	171	0.0 1.0 0.166	52.8 −65.0 16.0 67.0 166	0.0 1.0 0.046	52.2 −68.0 24.8 72.4 160	0.0 1.0 0.167	0.0 1.0 0.254	53.3 −61.7 9.4 62.6 171	0.0 1.0 0.167
167	161	172	0.0 1.0 0.183	52.9 −64.5 14.7 66.1 167	0.0 1.0 0.067	52.3 −67.6 23.3 71.6 161	0.0 1.0 0.183	0.0 1.0 0.266	53.4 −61.4 8.4 62.0 172	0.0 1.0 0.183
168	162	173	0.0 1.0 0.2	53.0 −63.9 13.4 65.3 168	0.0 1.0 0.088	52.4 −67.1 21.8 70.7 162	0.0 1.0 0.2	0.0 1.0 0.277	53.5 −61.0 7.3 61.5 173	0.0 1.0 0.2
169	163	174	0.0 1.0 0.216	53.1 −63.3 12.2 64.4 169	0.0 1.0 0.109	52.5 −66.7 20.4 69.8 163	0.0 1.0 0.217	0.0 1.0 0.288	53.5 −60.6 6.3 61.0 174	0.0 1.0 0.217
170	164	175	0.0 1.0 0.233	53.2 −62.6 11.0 63.6 170	0.0 1.0 0.129	52.6 −66.2 19.0 69.0 164	0.0 1.0 0.233	0.0 1.0 0.3	53.6 −60.1 5.3 60.5 175	0.0 1.0 0.233
170	165	175	0.0 1.0 0.25	53.2 −61.9 9.8 62.7 170	0.0 1.0 0.147	52.7 −65.7 17.6 68.1 165	0.0 1.0 0.25	0.0 1.0 0.311	53.7 −59.7 4.3 59.9 175	0.0 1.0 0.25

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

1−0131130−L0 RE550−71 LAB*la0, YN=0%, XYZnw=2.4, 2.5, 2.6, 85.1, 88.8, 104.3, LAB*nw=17.7, 0.0, 0.0, 95.5, 0.0, 0.0 Output: Offset standard print; separation cmyn6*, D65, page 12/33

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; 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**$_{de}$
170	165	175	0.0	1.0	0.25	53.2	−61.9	9.8	62.7	170	0.0	1.0	0.147	52.7	−65.7	17.6	68.1	165	0.0	1.0	0.25	0.0	1.0	0.311	53.7	−59.7	4.3	59.9	175	0.0	1.0	0.25			
172	166	176	0.0	1.0	0.266	53.4	−61.4	8.2	61.9	172	0.0	1.0	0.164	52.8	−65.1	16.3	67.2	166	0.0	1.0	0.267	0.0	1.0	0.322	53.8	−59.2	3.3	59.4	176	0.0	1.0	0.267			
173	167	177	0.0	1.0	0.283	53.5	−60.8	6.7	61.2	173	0.0	1.0	0.181	52.9	−64.5	14.9	66.3	167	0.0	1.0	0.283	0.0	1.0	0.334	53.8	−58.7	2.3	58.9	177	0.0	1.0	0.283			
175	168	178	0.0	1.0	0.3	53.6	−60.2	5.2	60.4	175	0.0	1.0	0.198	53.0	−63.9	13.6	65.4	168	0.0	1.0	0.3	0.0	1.0	0.345	53.9	−58.3	1.4	58.4	178	0.0	1.0	0.3			
176	169	179	0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176	0.0	1.0	0.216	53.1	−63.2	12.3	64.5	169	0.0	1.0	0.317	0.0	1.0	0.356	54.0	−57.7	0.4	57.8	179	0.0	1.0	0.317			
177	170	180	0.0	1.0	0.333	53.8	−58.8	2.3	58.9	177	0.0	1.0	0.233	53.2	−62.6	11.1	63.6	170	0.0	1.0	0.333	0.0	1.0	0.368	54.1	−57.2	−0.4	57.3	180	0.0	1.0	0.333			
179	171	181	0.0	1.0	0.35	53.9	−58.1	0.9	58.1	179	0.0	1.0	0.25	53.3	−61.9	9.8	62.8	171	0.0	1.0	0.35	0.0	1.0	0.378	54.1	−56.8	−1.3	56.9	181	0.0	1.0	0.35			
180	172	182	0.0	1.0	0.366	54.0	−57.3	−0.4	57.3	180	0.0	1.0	0.263	53.4	−61.5	8.7	62.2	172	0.0	1.0	0.367	0.0	1.0	0.387	54.2	−56.4	−2.2	56.5	182	0.0	1.0	0.367			
181	173	183	0.0	1.0	0.383	54.1	−56.6	−1.8	56.6	181	0.0	1.0	0.275	53.5	−61.1	7.5	61.6	173	0.0	1.0	0.383	0.0	1.0	0.396	54.2	−56.0	−3.1	56.2	183	0.0	1.0	0.383			
183	174	184	0.0	1.0	0.4	54.2	−55.9	−3.5	56.0	183	0.0	1.0	0.287	53.5	−60.6	6.4	61.0	174	0.0	1.0	0.4	0.0	1.0	0.405	54.3	−55.7	−3.9	55.9	184	0.0	1.0	0.4			
185	175	185	0.0	1.0	0.416	54.3	−55.2	−5.0	55.5	185	0.0	1.0	0.3	53.6	−60.1	5.3	60.5	175	0.0	1.0	0.417	0.0	1.0	0.415	54.3	−55.3	−4.8	55.6	185	0.0	1.0	0.417			
186	176	185	0.0	1.0	0.433	54.4	−54.5	−6.6	54.9	186	0.0	1.0	0.312	53.7	−59.6	4.2	59.9	176	0.0	1.0	0.433	0.0	1.0	0.424	54.4	−54.9	−5.6	55.3	185	0.0	1.0	0.433			
188	177	186	0.0	1.0	0.45	54.5	−53.7	−8.0	54.3	188	0.0	1.0	0.324	53.8	−59.1	3.1	59.3	177	0.0	1.0	0.45	0.0	1.0	0.433	54.4	−54.4	−6.5	54.9	186	0.0	1.0	0.45			
190	178	187	0.0	1.0	0.466	54.6	−52.8	−9.5	53.7	190	0.0	1.0	0.337	53.9	−58.6	2.1	58.7	178	0.0	1.0	0.467	0.0	1.0	0.442	54.5	−54.0	−7.3	54.6	187	0.0	1.0	0.467			
191	179	188	0.0	1.0	0.483	54.7	−52.0	−10.9	53.1	191	0.0	1.0	0.349	53.9	−58.1	1.0	58.2	179	0.0	1.0	0.483	0.0	1.0	0.451	54.6	−53.6	−8.1	54.3	188	0.0	1.0	0.483			
193	180	189	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193	0.0	1.0	0.362	54.0	−57.5	0.0	57.6	180	0.0	1.0	0.5	0.0	1.0	0.46	54.6	−53.1	−8.9	54.0	189	0.0	1.0	0.5			
195	181	190	0.0	1.0	0.516	54.9	−50.4	−13.7	52.2	195	0.0	1.0	0.374	54.1	−56.9	−0.9	57.0	181	0.0	1.0	0.517	0.0	1.0	0.469	54.7	−52.6	−9.7	53.6	190	0.0	1.0	0.517			
196	182	191	0.0	1.0	0.533	55.1	−49.6	−15.0	51.9	196	0.0	1.0	0.384	54.2	−56.5	−1.9	56.7	182	0.0	1.0	0.533	0.0	1.0	0.479	54.7	−52.2	−10.5	53.3	191	0.0	1.0	0.533			
198	183	192	0.0	1.0	0.55	55.2	−48.9	−16.3	51.6	198	0.0	1.0	0.394	54.2	−56.1	−2.8	56.3	183	0.0	1.0	0.55	0.0	1.0	0.488	54.8	−51.7	−11.2	53.0	192	0.0	1.0	0.55			
200	184	193	0.0	1.0	0.566	55.3	−48.1	−17.6	51.2	200	0.0	1.0	0.404	54.3	−55.7	−3.8	55.9	184	0.0	1.0	0.567	0.0	1.0	0.497	54.8	−51.2	−12.0	52.7	193	0.0	1.0	0.567			
201	185	194	0.0	1.0	0.583	55.5	−47.3	−18.9	50.9	201	0.0	1.0	0.414	54.3	−55.3	−4.7	55.6	185	0.0	1.0	0.583	0.0	1.0	0.506	54.9	−50.8	−12.7	52.5	194	0.0	1.0	0.583			
203	186	195	0.0	1.0	0.6	55.6	−46.4	−20.1	50.6	203	0.0	1.0	0.424	54.4	−54.8	−5.7	55.2	186	0.0	1.0	0.6	0.0	1.0	0.515	55.0	−50.4	−13.5	52.3	195	0.0	1.0	0.6			
205	187	195	0.0	1.0	0.616	55.7	−45.5	−21.3	50.3	205	0.0	1.0	0.434	54.5	−54.4	−6.6	54.9	187	0.0	1.0	0.617	0.0	1.0	0.524	55.0	−50.0	−14.3	52.1	195	0.0	1.0	0.617			
206	188	196	0.0	1.0	0.633	55.8	−44.7	−22.5	50.1	206	0.0	1.0	0.444	54.5	−53.9	−7.5	54.5	188	0.0	1.0	0.633	0.0	1.0	0.534	55.1	−49.6	−15.0	51.9	196	0.0	1.0	0.633			
208	189	197	0.0	1.0	0.65	56.0	−44.0	−23.8	50.1	208	0.0	1.0	0.454	54.6	−53.4	−8.4	54.2	189	0.0	1.0	0.65	0.0	1.0	0.543	55.2	−49.2	−15.7	51.7	197	0.0	1.0	0.65			
210	190	198	0.0	1.0	0.666	56.1	−43.2	−25.0	50.0	210	0.0	1.0	0.464	54.6	−52.9	−9.2	53.8	190	0.0	1.0	0.667	0.0	1.0	0.552	55.3	−48.7	−16.5	51.6	198	0.0	1.0	0.667			
211	191	199	0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211	0.0	1.0	0.474	54.7	−52.4	−10.1	53.5	191	0.0	1.0	0.683	0.0	1.0	0.561	55.3	−48.3	−17.2	51.4	199	0.0	1.0	0.683			
213	192	200	0.0	1.0	0.7	56.3	−41.6	−27.5	49.9	213	0.0	1.0	0.484	54.8	−51.9	−10.9	53.1	192	0.0	1.0	0.7	0.0	1.0	0.571	55.4	−47.9	−17.9	51.2	200	0.0	1.0	0.7			
215	193	201	0.0	1.0	0.716	56.5	−40.8	−28.6	49.8	215	0.0	1.0	0.494	54.8	−51.3	−11.8	52.8	193	0.0	1.0	0.717	0.0	1.0	0.58	55.5	−47.4	−18.6	51.0	201	0.0	1.0	0.717			
216	194	202	0.0	1.0	0.733	56.6	−39.9	−29.8	49.8	216	0.0	1.0	0.504	54.9	−50.8	−12.6	52.5	194	0.0	1.0	0.733	0.0	1.0	0.589	55.6	−46.9	−19.3	50.9	202	0.0	1.0	0.733			
218	195	203	0.0	1.0	0.75	56.7	−38.9	−30.9	49.7	218	0.0	1.0	0.514	55.0	−50.4	−13.4	52.3	195	0.0	1.0	0.75	0.0	1.0	0.598	55.6	−46.5	−19.9	50.7	203	0.0	1.0	0.75			
219	196	204	0.0	1.0	0.766	56.8	−38.4	−31.7	49.8	219	0.0	1.0	0.525	55.0	−50.0	−14.3	52.1	196	0.0	1.0	0.767	0.0	1.0	0.607	55.7	−46.0	−20.6	50.5	204	0.0	1.0	0.767			
220	197	205	0.0	1.0	0.783	56.9	−37.8	−32.6	49.9	220	0.0	1.0	0.535	55.1	−49.5	−15.1	51.9	197	0.0	1.0	0.783	0.0	1.0	0.617	55.8	−45.5	−21.3	50.3	205	0.0	1.0	0.783			
221	198	206	0.0	1.0	0.8	57.0	−37.2	−33.5	50.1	221	0.0	1.0	0.545	55.2	−49.1	−15.9	51.7	198	0.0	1.0	0.8	0.0	1.0	0.626	55.8	−45.0	−21.9	50.2	206	0.0	1.0	0.8			
223	199	206	0.0	1.0	0.816	57.1	−36.6	−34.3	50.2	223	0.0	1.0	0.555	55.3	−48.6	−16.7	51.5	199	0.0	1.0	0.817	0.0	1.0	0.635	55.9	−44.6	−22.6	50.2	206	0.0	1.0	0.817			
224	200	207	0.0	1.0	0.833	57.3	−36.0	−35.2	50.3	224	0.0	1.0	0.565	55.4	−48.1	−17.5	51.3	200	0.0	1.0	0.833	0.0	1.0	0.644	56.0	−44.2	−23.3	50.1	207	0.0	1.0	0.833			
225	201	208	0.0	1.0	0.85	57.4	−35.3	−36.0	50.4	225	0.0	1.0	0.575	55.4	−47.6	−18.2	51.1	201	0.0	1.0	0.85	0.0	1.0	0.653	56.0	−43.8	−24.0	50.1	208	0.0	1.0	0.85			
226	202	209	0.0	1.0	0.866	57.5	−34.6	−36.8	50.6	226	0.0	1.0	0.585	55.5	−47.1	−19.0	50.9	202	0.0	1.0	0.867	0.0	1.0	0.662	56.1	−43.4	−24.7	50.1	209	0.0	1.0	0.867			
227	203	210	0.0	1.0	0.883	57.6	−34.0	−37.7	50.8	227	0.0	1.0	0.595	55.6	−46.6	−19.7	50.8	203	0.0	1.0	0.883	0.0	1.0	0.672	56.2	−43.0	−25.4	50.0	210	0.0	1.0	0.883			
229	204	211	0.0	1.0	0.9	57.7	−33.4	−38.6	51.0	229	0.0	1.0	0.605	55.7	−46.1	−20.5	50.6	204	0.0	1.0	0.9	0.0	1.0	0.681	56.3	−42.5	−26.0	50.0	211	0.0	1.0	0.9			
230	205	212	0.0	1.0	0.916	57.8	−32.8	−39.4	51.3	230	0.0	1.0	0.615	55.8	−45.6	−21.2	50.4	205	0.0	1.0	0.917	0.0	1.0	0.69	56.3	−42.1	−26.7	50.0	212	0.0	1.0	0.917			
231	206	213	0.0	1.0	0.933	57.9	−32.1	−40.3	51.6	231	0.0	1.0	0.626	55.8	−45.0	−21.9	50.2	206	0.0	1.0	0.933	0.0	1.0	0.699	56.4	−41.6	−27.3	49.9	213	0.0	1.0	0.933			
232	207	214	0.0	1.0	0.95	58.0	−31.4	−41.2	51.8	232	0.0	1.0	0.636	55.9	−44.6	−22.7	50.2	207	0.0	1.0	0.95	0.0	1.0	0.708	56.5	−41.1	−28.0	49.9	214	0.0	1.0	0.95			
233	208	215	0.0	1.0	0.966	58.1	−30.7	−42.0	52.1	233	0.0	1.0	0.646	56.0	−44.2	−23.4	50.1	208	0.0	1.0	0.967	0.0	1.0	0.717	56.5	−40.7	−28.6	49.9	215	0.0	1.0	0.967			
235	209	216	0.0	1.0	0.983	58.2	−30.0	−42.9	52.3	235	0.0	1.0	0.656	56.1	−43.7	−24.2	50.1	209	0.0	1.0	0.983	0.0	1.0	0.726	56.6	−40.2	−29.2	49.8	216	0.0	1.0	0.983			
236	210	216	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236	C_d	0.0	1.0	0.666	56.1	−43.2	−24.9	50.0	210	C_s	0.0	1.0	1.0	0.0	1.0	0.736	56.7	−39.7	−29.9	49.8	216	C_e	0.0	1.0	1.0			



TUB-test chart RE55; 1080 standard colours
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*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; 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)					C_d	*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					C_s	*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					C_e	*rgb**dd361Mi		
236	210	216	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236		0.0	1.0	0.666	56.1	−43.2	−24.9	50.0	210		0.0	1.0	1.0	0.0	1.0	0.736	56.7	−39.7	−29.9	49.8	216		0.0	1.0	1.0
236	211	217	0.0	0.983	1.0	57.9	−28.7	−43.7	52.3	236		0.0	1.0	0.676	56.2	−42.8	−25.7	50.0	211		0.0	0.983	1.0	0.0	1.0	0.745	56.7	−39.2	−30.5	49.8	217		0.0	0.983	1.0
237	212	218	0.0	0.966	1.0	57.5	−28.1	−43.8	52.0	237		0.0	1.0	0.686	56.3	−42.3	−26.4	50.0	212		0.0	0.967	1.0	0.0	1.0	0.755	56.8	−38.7	−31.1	49.8	218		0.0	0.967	1.0
237	213	219	0.0	0.95	1.0	57.1	−27.5	−43.8	51.8	237		0.0	1.0	0.696	56.4	−41.8	−27.1	49.9	213		0.0	0.95	1.0	0.0	1.0	0.768	56.9	−38.3	−31.8	49.9	219		0.0	0.95	1.0
238	214	220	0.0	0.933	1.0	56.7	−26.9	−43.9	51.5	238		0.0	1.0	0.706	56.4	−41.3	−27.8	49.9	214		0.0	0.933	1.0	0.0	1.0	0.781	57.0	−37.8	−32.4	50.0	220		0.0	0.933	1.0
238	215	221	0.0	0.916	1.0	56.2	−26.4	−43.9	51.2	238		0.0	1.0	0.716	56.5	−40.8	−28.5	49.9	215		0.0	0.917	1.0	0.0	1.0	0.794	57.0	−37.4	−33.1	50.1	221		0.0	0.917	1.0
239	216	222	0.0	0.9	1.0	55.8	−25.8	−43.9	50.9	239		0.0	1.0	0.726	56.6	−40.2	−29.2	49.8	216		0.0	0.9	1.0	0.0	1.0	0.807	57.1	−36.9	−33.8	50.2	222		0.0	0.9	1.0
240	217	223	0.0	0.883	1.0	55.4	−25.2	−43.9	50.7	240		0.0	1.0	0.736	56.7	−39.7	−29.9	49.8	217		0.0	0.883	1.0	0.0	1.0	0.819	57.2	−36.4	−34.4	50.3	223		0.0	0.883	1.0
240	218	224	0.0	0.866	1.0	55.0	−24.6	−43.9	50.4	240		0.0	1.0	0.746	56.7	−39.1	−30.5	49.8	218		0.0	0.867	1.0	0.0	1.0	0.832	57.3	−36.0	−35.1	50.4	224		0.0	0.867	1.0
241	219	225	0.0	0.85	1.0	54.5	−23.9	−44.0	50.1	241		0.0	1.0	0.758	56.8	−38.6	−31.2	49.8	219		0.0	0.85	1.0	0.0	1.0	0.845	57.4	−35.5	−35.7	50.5	225		0.0	0.85	1.0
242	220	226	0.0	0.833	1.0	54.1	−23.2	−44.0	49.8	242		0.0	1.0	0.772	56.9	−38.1	−32.0	49.9	220		0.0	0.833	1.0	0.0	1.0	0.858	57.5	−35.0	−36.3	50.6	226		0.0	0.833	1.0
242	221	227	0.0	0.816	1.0	53.6	−22.5	−44.1	49.5	242		0.0	1.0	0.786	57.0	−37.7	−32.7	50.0	221		0.0	0.817	1.0	0.0	1.0	0.871	57.5	−34.4	−37.0	50.7	227		0.0	0.817	1.0
243	222	227	0.0	0.8	1.0	53.1	−21.8	−44.1	49.2	243		0.0	1.0	0.8	57.1	−37.2	−33.4	50.1	222		0.0	0.8	1.0	0.0	1.0	0.884	57.6	−33.9	−37.6	50.8	227		0.0	0.8	1.0
244	223	228	0.0	0.783	1.0	52.7	−21.1	−44.1	48.9	244		0.0	1.0	0.814	57.2	−36.6	−34.2	50.2	223		0.0	0.783	1.0	0.0	1.0	0.896	57.7	−33.5	−38.3	51.0	228		0.0	0.783	1.0
245	224	229	0.0	0.766	1.0	52.2	−20.4	−44.1	48.6	245		0.0	1.0	0.828	57.3	−36.1	−34.9	50.3	224		0.0	0.767	1.0	0.0	1.0	0.909	57.8	−33.0	−39.0	51.2	229		0.0	0.767	1.0
245	225	230	0.0	0.75	1.0	51.7	−19.7	−44.1	48.3	245		0.0	1.0	0.842	57.4	−35.6	−35.6	50.4	225		0.0	0.75	1.0	0.0	1.0	0.922	57.9	−32.5	−39.7	51.4	230		0.0	0.75	1.0
246	226	231	0.0	0.733	1.0	51.2	−18.9	−44.2	48.1	246		0.0	1.0	0.856	57.5	−35.0	−36.3	50.5	226		0.0	0.733	1.0	0.0	1.0	0.935	57.9	−32.0	−40.4	51.6	231		0.0	0.733	1.0
247	227	232	0.0	0.716	1.0	50.7	−18.1	−44.3	47.8	247		0.0	1.0	0.87	57.5	−34.4	−36.9	50.7	227		0.0	0.717	1.0	0.0	1.0	0.948	58.0	−31.5	−41.0	51.8	232		0.0	0.717	1.0
248	228	233	0.0	0.7	1.0	50.1	−17.4	−44.3	47.6	248		0.0	1.0	0.884	57.6	−33.9	−37.7	50.8	228		0.0	0.7	1.0	0.0	1.0	0.961	58.1	−30.9	−41.7	52.0	233		0.0	0.7	1.0
249	229	234	0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249		0.0	1.0	0.899	57.7	−33.4	−38.4	51.1	229		0.0	0.683	1.0	0.0	1.0	0.974	58.2	−30.4	−42.3	52.2	234		0.0	0.683	1.0
250	230	235	0.0	0.666	1.0	49.1	−15.8	−44.4	47.1	250		0.0	1.0	0.913	57.8	−32.9	−39.2	51.3	230		0.0	0.667	1.0	0.0	1.0	0.987	58.3	−29.8	−43.0	52.4	235		0.0	0.667	1.0
251	231	236	0.0	0.65	1.0	48.5	−15.0	−44.4	46.9	251		0.0	1.0	0.927	57.9	−32.3	−39.9	51.5	231		0.0	0.65	1.0	0.0	1.0	0.999	58.3	−29.2	−43.6	52.6	236		0.0	0.65	1.0
252	232	237	0.0	0.633	1.0	48.0	−14.3	−44.4	46.6	252		0.0	1.0	0.941	58.0	−31.7	−40.7	51.7	232		0.0	0.633	1.0	0.0	0.974	1.0	57.7	−28.3	−43.7	52.2	237		0.0	0.633	1.0
253	233	237	0.0	0.616	1.0	47.4	−13.4	−44.5	46.4	253		0.0	1.0	0.955	58.1	−31.2	−41.4	51.9	233		0.0	0.617	1.0	0.0	0.947	1.0	57.0	−27.4	−43.8	51.8	237		0.0	0.617	1.0
254	234	238	0.0	0.6	1.0	46.7	−12.3	−44.6	46.3	254		0.0	1.0	0.969	58.2	−30.6	−42.1	52.2	234		0.0	0.6	1.0	0.0	0.919	1.0	56.4	−26.4	−43.8	51.3	238		0.0	0.6	1.0
255	235	239	0.0	0.583	1.0	46.1	−11.3	−44.7	46.1	255		0.0	1.0	0.983	58.2	−29.9	−42.8	52.4	235		0.0	0.583	1.0	0.0	0.892	1.0	55.7	−25.5	−43.8	50.8	239		0.0	0.583	1.0
257	236	240	0.0	0.566	1.0	45.4	−10.2	−44.8	46.0	257		0.0	1.0	0.997	58.3	−29.3	−43.5	52.6	236		0.0	0.567	1.0	0.0	0.867	1.0	55.0	−24.6	−43.9	50.4	240		0.0	0.567	1.0
258	237	241	0.0	0.55	1.0	44.7	−9.1	−44.9	45.8	258		0.0	0.976	1.0	57.7	−28.4	−43.7	52.2	237		0.0	0.55	1.0	0.0	0.847	1.0	54.5	−23.7	−44.0	50.1	241		0.0	0.55	1.0
259	238	242	0.0	0.533	1.0	44.1	−8.1	−45.0	45.7	259		0.0	0.946	1.0	57.0	−27.3	−43.8	51.7	238		0.0	0.533	1.0	0.0	0.826	1.0	53.9	−22.8	−44.0	49.7	242		0.0	0.533	1.0
261	239	243	0.0	0.516	1.0	43.4	−7.0	−45.0	45.5	261		0.0	0.916	1.0	56.3	−26.3	−43.8	51.2	239		0.0	0.517	1.0	0.0	0.805	1.0	53.3	−22.0	−44.0	49.3	243		0.0	0.517	1.0
262	240	244	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262		0.0	0.886	1.0	55.5	−25.3	−43.8	50.7	240		0.0	0.5	1.0	0.0	0.785	1.0	52.7	−21.1	−44.1	49.0	244		0.0	0.5	1.0
263	241	245	0.0	0.483	1.0	42.1	−5.0	−45.1	45.4	263		0.0	0.861	1.0	54.9	−24.3	−43.9	50.3	241		0.0	0.483	1.0	0.0	0.764	1.0	52.2	−20.2	−44.1	48.6	245		0.0	0.483	1.0
264	242	246	0.0	0.466	1.0	41.4	−4.0	−45.2	45.4	264		0.0	0.838	1.0	54.2	−23.3	−44.0	49.9	242		0.0	0.467	1.0	0.0	0.745	1.0	51.6	−19.4	−44.1	48.3	246		0.0	0.467	1.0
266	243	247	0.0	0.45	1.0	40.8	−3.0	−45.3	45.4	266		0.0	0.815	1.0	53.6	−22.4	−44.0	49.5	243		0.0	0.45	1.0	0.0	0.727	1.0	51.1	−18.6	−44.2	48.1	247		0.0	0.45	1.0
267	244	248	0.0	0.433	1.0	40.2	−2.1	−45.3	45.4	267		0.0	0.793	1.0	53.0	−21.4	−44.1	49.1	244		0.0	0.433	1.0	0.0	0.71	1.0	50.5	−17.8	−44.2	47.8	248		0.0	0.433	1.0
268	245	248	0.0	0.416	1.0	39.5	−1.1	−45.4	45.4	268		0.0	0.77	1.0	52.3	−20.5	−44.1	48.7	245		0.0	0.417	1.0	0.0	0.693	1.0	50.0	−17.0	−44.3	47.6	248		0.0	0.417	1.0
269	246	249	0.0	0.4	1.0	38.9	−0.1	−45.4	45.4	269		0.0	0.748	1.0	51.7	−19.6	−44.1	48.4	246		0.0	0.4	1.0	0.0	0.676	1.0	49.4	−16.2	−44.3	47.3	249		0.0	0.4	1.0
271	247	250	0.0	0.383	1.0	38.2	0.8	−45.4	45.4	271		0.0	0.729	1.0	51.1	−18.7	−44.2	48.1	247		0.0	0.383	1.0	0.0	0.659	1.0	48.9	−15.4	−44.3	47.1	250		0.0	0.383	1.0
272	248	251	0.0	0.366	1.0	37.6	1.8	−45.5	45.5	272		0.0	0.711	1.0	50.5	−17.8	−44.2	47.8	248		0.0	0.367	1.0	0.0	0.642	1.0	48.3	−14.6	−44.3	46.8	251		0.0	0.367	1.0
273	249	252	0.0	0.35	1.0	37.0	2.9	−45.6	45.7	273		0.0	0.692	1.0	49.9	−16.9	−44.3	47.5	249		0.0	0.35	1.0	0.0	0.625	1.0	47.8	−13.8	−44.3	46.6	252		0.0	0.35	1.0
275	250	253	0.0	0.333	1.0	36.4	4.0	−45.7	45.9	275		0.0	0.673	1.0	49.3	−16.1	−44.3	47.3	250		0.0	0.333	1.0	0.0	0.613	1.0	47.3	−13.1	−44.4	46.5	253		0.0	0.333	1.0
276	251	254	0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276		0.0	0.654	1.0	48.7	−15.2	−44.3	47.0	251		0.0	0.317	1.0	0.0	0.602	1.0	46.8	−12.4	−44.6	46.4	254		0.0	0.317	1.0
277	252	255	0.0	0.3	1.0	35.1	6.1	−45.9	46.3	277		0.0	0.636	1.0	48.1	−14.3	−44.3	46.7	252		0.0	0.3	1.0	0.0	0.59	1.0	46.4	−11.6	−44.6	46.3	255		0.0	0.3	1.0
279	253	256	0.0	0.283	1.0	34.5	7.2	−46.0	46.5	279		0.0	0.62	1.0	47.6	−13.5	−44.4	46.5	253		0.0	0.283	1.0	0.0	0.578	1.0	45.9	−10.9	−44.7	46.1	256		0.0	0.283	1.0
280	254	257	0.0	0.266	1.0	33.9	8.3	−46.0	46.7	280		0.0	0.607	1.0	47.1	−12.7	−44.5	46.4	254		0.0	0.267	1.0	0.0	0.567	1.0	45.5	−10.2	−44.8	46.0	257		0.0	0.267	1.0
281	255	258	0.0	0.25	1.0	33.3	9.4	−46.0	47.0	281		0.0	0.594	1.0	46.5	−11.9	−44.6	46.3	255		0.0	0.25	1.0	0.0	0.555	1.0	45.0	−9.4	−44.8	45.9	258		0.0	0.25	1.0

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

TUB-test chart RE55; 1080 standard colours
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*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; 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		
281	255	258	0.0	0.25	1.0	33.3	9.4	−46.0	47.0	281	0.0	0.594	1.0	46.5	−11.9	−44.6	46.3	255	0.0	0.25	1.0	0.0	0.555	1.0	45.0	−9.4	−44.8	45.9	258	0.0	0.25	1.0
282	256	258	0.0	0.233	1.0	32.7	10.5	−46.2	47.4	282	0.0	0.581	1.0	46.0	−11.1	−44.7	46.2	256	0.0	0.233	1.0	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258	0.0	0.233	1.0
283	257	259	0.0	0.216	1.0	32.0	11.5	−46.4	47.8	283	0.0	0.568	1.0	45.5	−10.3	−44.8	46.1	257	0.0	0.217	1.0	0.0	0.532	1.0	44.1	−7.9	−44.9	45.7	259	0.0	0.217	1.0
285	258	260	0.0	0.2	1.0	31.4	12.5	−46.5	48.2	285	0.0	0.556	1.0	45.0	−9.5	−44.8	45.9	258	0.0	0.2	1.0	0.0	0.52	1.0	43.6	−7.2	−44.9	45.6	260	0.0	0.2	1.0
286	259	261	0.0	0.183	1.0	30.8	13.6	−46.7	48.6	286	0.0	0.543	1.0	44.5	−8.6	−44.9	45.8	259	0.0	0.183	1.0	0.0	0.508	1.0	43.1	−6.5	−44.9	45.5	261	0.0	0.183	1.0
287	260	262	0.0	0.166	1.0	30.1	14.7	−46.8	49.0	287	0.0	0.53	1.0	44.0	−7.8	−44.9	45.7	260	0.0	0.167	1.0	0.0	0.497	1.0	42.7	−5.7	−45.0	45.4	262	0.0	0.167	1.0
288	261	263	0.0	0.15	1.0	29.5	15.8	−46.9	49.4	288	0.0	0.517	1.0	43.5	−7.0	−44.9	45.6	261	0.0	0.15	1.0	0.0	0.484	1.0	42.2	−5.0	−45.0	45.4	263	0.0	0.15	1.0
289	262	264	0.0	0.133	1.0	28.9	16.8	−46.9	49.9	289	0.0	0.505	1.0	43.0	−6.2	−44.9	45.5	262	0.0	0.133	1.0	0.0	0.472	1.0	41.7	−4.3	−45.1	45.4	264	0.0	0.133	1.0
290	263	265	0.0	0.116	1.0	28.3	17.8	−47.0	50.3	290	0.0	0.491	1.0	42.5	−5.4	−45.0	45.4	263	0.0	0.117	1.0	0.0	0.46	1.0	41.2	−3.6	−45.2	45.4	265	0.0	0.117	1.0
291	264	266	0.0	0.1	1.0	27.9	18.6	−47.1	50.6	291	0.0	0.478	1.0	41.9	−4.6	−45.1	45.4	264	0.0	0.1	1.0	0.0	0.448	1.0	40.8	−2.9	−45.2	45.4	266	0.0	0.1	1.0
292	265	267	0.0	0.083	1.0	27.5	19.4	−47.1	51.0	292	0.0	0.465	1.0	41.4	−3.9	−45.2	45.4	265	0.0	0.083	1.0	0.0	0.436	1.0	40.3	−2.1	−45.3	45.4	267	0.0	0.083	1.0
293	266	268	0.0	0.066	1.0	27.0	20.2	−47.2	51.4	293	0.0	0.451	1.0	40.9	−3.1	−45.2	45.4	266	0.0	0.067	1.0	0.0	0.423	1.0	39.8	−1.4	−45.3	45.4	268	0.0	0.067	1.0
293	267	269	0.0	0.049	1.0	26.6	21.0	−47.3	51.7	293	0.0	0.438	1.0	40.4	−2.3	−45.3	45.4	267	0.0	0.05	1.0	0.0	0.411	1.0	39.4	−0.7	−45.3	45.4	269	0.0	0.05	1.0
294	268	269	0.0	0.033	1.0	26.2	21.8	−47.3	52.1	294	0.0	0.425	1.0	39.9	−1.5	−45.3	45.4	268	0.0	0.033	1.0	0.0	0.399	1.0	38.9	0.0	−45.3	45.4	269	0.0	0.033	1.0
295	269	270	0.0	0.016	1.0	25.7	22.6	−47.3	52.5	295	0.0	0.411	1.0	39.4	−0.7	−45.3	45.4	269	0.0	0.017	1.0	0.0	0.387	1.0	38.4	0.7	−45.3	45.4	270	0.0	0.017	1.0
296	270	271	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296	B_d	0.0	0.398	1.0	38.8	0.0	−45.3	45.4	270	B_s	0.0	0.0	1.0	0.0	0.375	1.0	37.9	1.4	−45.3	45.5	271	B_e	0.0	0.0	1.0
297	271	272	0.016	0.0	1.0	25.8	24.6	−46.8	52.9	297	0.0	0.385	1.0	38.3	0.8	−45.3	45.4	271	0.017	0.0	1.0	0.0	0.363	1.0	37.5	2.1	−45.5	45.6	272	0.017	0.0	1.0
299	272	273	0.033	0.0	1.0	26.3	25.8	−46.2	52.9	299	0.0	0.371	1.0	37.8	1.6	−45.4	45.5	272	0.033	0.0	1.0	0.0	0.351	1.0	37.1	2.9	−45.6	45.8	273	0.033	0.0	1.0
300	273	274	0.05	0.0	1.0	26.9	26.9	−45.6	52.9	300	0.0	0.359	1.0	37.3	2.4	−45.5	45.7	273	0.05	0.0	1.0	0.0	0.339	1.0	36.6	3.7	−45.7	45.9	274	0.05	0.0	1.0
301	274	275	0.066	0.0	1.0	27.4	28.0	−45.0	53.0	301	0.0	0.346	1.0	36.9	3.2	−45.6	45.8	274	0.067	0.0	1.0	0.0	0.327	1.0	36.2	4.4	−45.7	46.0	275	0.067	0.0	1.0
303	275	276	0.083	0.0	1.0	27.9	29.1	−44.3	53.0	303	0.0	0.334	1.0	36.4	4.0	−45.7	46.0	275	0.083	0.0	1.0	0.0	0.315	1.0	35.7	5.2	−45.8	46.2	276	0.083	0.0	1.0
304	276	277	0.1	0.0	1.0	28.5	30.2	−43.6	53.1	304	0.0	0.321	1.0	36.0	4.8	−45.8	46.1	276	0.1	0.0	1.0	0.0	0.303	1.0	35.3	6.0	−45.9	46.3	277	0.1	0.0	1.0
306	277	278	0.116	0.0	1.0	29.0	31.2	−42.9	53.1	306	0.0	0.309	1.0	35.5	5.6	−45.8	46.3	277	0.117	0.0	1.0	0.0	0.291	1.0	34.9	6.8	−45.9	46.5	278	0.117	0.0	1.0
307	278	279	0.133	0.0	1.0	29.4	32.1	−42.3	53.1	307	0.0	0.296	1.0	35.0	6.5	−45.9	46.4	278	0.133	0.0	1.0	0.0	0.279	1.0	34.4	7.6	−45.9	46.6	279	0.133	0.0	1.0
307	279	280	0.15	0.0	1.0	29.7	32.7	−41.9	53.2	307	0.0	0.283	1.0	34.6	7.3	−45.9	46.6	279	0.15	0.0	1.0	0.0	0.267	1.0	34.0	8.3	−45.9	46.8	280	0.15	0.0	1.0
308	280	281	0.166	0.0	1.0	30.0	33.3	−41.5	53.2	308	0.0	0.271	1.0	34.1	8.1	−45.9	46.7	280	0.167	0.0	1.0	0.0	0.256	1.0	33.5	9.1	−45.9	46.9	281	0.167	0.0	1.0
309	281	282	0.183	0.0	1.0	30.3	33.9	−41.0	53.2	309	0.0	0.258	1.0	33.6	8.9	−45.9	46.9	281	0.183	0.0	1.0	0.0	0.243	1.0	33.1	9.9	−46.0	47.2	282	0.183	0.0	1.0
310	282	283	0.2	0.0	1.0	30.6	34.5	−40.6	53.3	310	0.0	0.245	1.0	33.1	9.8	−46.0	47.1	282	0.2	0.0	1.0	0.0	0.229	1.0	32.5	10.8	−46.2	47.5	283	0.2	0.0	1.0
311	283	284	0.216	0.0	1.0	30.9	35.0	−40.1	53.3	311	0.0	0.231	1.0	32.6	10.7	−46.2	47.5	283	0.217	0.0	1.0	0.0	0.215	1.0	32.0	11.6	−46.3	47.9	284	0.217	0.0	1.0
311	284	285	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311	0.0	0.216	1.0	32.1	11.6	−46.3	47.8	284	0.233	0.0	1.0	0.0	0.202	1.0	31.5	12.5	−46.5	48.2	285	0.233	0.0	1.0
312	285	285	0.25	0.0	1.0	31.5	36.2	−39.2	53.4	312	0.0	0.202	1.0	31.5	12.5	−46.5	48.2	285	0.25	0.0	1.0	0.0	0.188	1.0	31.0	13.3	−46.6	48.5	285	0.25	0.0	1.0
314	286	286	0.266	0.0	1.0	31.8	37.8	−38.3	53.8	314	0.0	0.188	1.0	31.0	13.4	−46.6	48.6	286	0.267	0.0	1.0	0.0	0.175	1.0	30.5	14.2	−46.7	48.9	286	0.267	0.0	1.0
316	287	287	0.283	0.0	1.0	32.1	39.4	−37.4	54.3	316	0.0	0.173	1.0	30.4	14.3	−46.7	48.9	287	0.283	0.0	1.0	0.0	0.161	1.0	30.0	15.1	−46.8	49.2	287	0.283	0.0	1.0
318	288	288	0.3	0.0	1.0	32.4	40.9	−36.4	54.8	318	0.0	0.159	1.0	29.9	15.2	−46.8	49.3	288	0.3	0.0	1.0	0.0	0.147	1.0	29.5	16.0	−46.8	49.6	288	0.3	0.0	1.0
320	289	289	0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320	0.0	0.145	1.0	29.4	16.2	−46.8	49.6	289	0.317	0.0	1.0	0.0	0.134	1.0	28.9	16.9	−46.9	49.9	289	0.317	0.0	1.0
322	290	290	0.333	0.0	1.0	33.0	43.9	−34.2	55.7	322	0.0	0.13	1.0	28.8	17.1	−46.9	50.0	290	0.333	0.0	1.0	0.0	0.118	1.0	28.4	17.8	−46.9	50.3	290	0.333	0.0	1.0
323	291	291	0.35	0.0	1.0	33.3	45.4	−33.1	56.2	323	0.0	0.112	1.0	28.3	18.1	−47.0	50.4	291	0.35	0.0	1.0	0.0	0.098	1.0	27.9	18.7	−47.0	50.7	291	0.35	0.0	1.0
325	292	292	0.366	0.0	1.0	33.6	46.9	−31.8	56.7	325	0.0	0.091	1.0	27.7	19.1	−47.1	50.9	292	0.367	0.0	1.0	0.0	0.079	1.0	27.4	19.6	−47.1	51.1	292	0.367	0.0	1.0
327	293	293	0.383	0.0	1.0	34.0	48.0	−30.9	57.1	327	0.0	0.07	1.0	27.2	20.1	−47.1	51.3	293	0.383	0.0	1.0	0.0	0.059	1.0	26.9	20.6	−47.2	51.6	293	0.383	0.0	1.0
328	294	294	0.4	0.0	1.0	34.6	48.9	−30.3	57.5	328	0.0	0.05	1.0	26.6	21.1	−47.2	51.8	294	0.4	0.0	1.0	0.0	0.04	1.0	26.4	21.6	−47.2	52.0	294	0.4	0.0	1.0
329	295	295	0.416	0.0	1.0	35.1	49.7	−29.7	57.9	329	0.0	0.029	1.0	26.1	22.1	−47.2	52.2	295	0.417	0.0	1.0	0.0	0.02	1.0	25.9	22.5	−47.3	52.4	295	0.417	0.0	1.0
330	296	296	0.433	0.0	1.0	35.7	50.5	−29.0	58.3	330	0.0	0.008	1.0	25.6	23.1	−47.3	52.7	296	0.433	0.0	1.0	0.0	0.001	1.0	25.3	23.5	−47.3	52.9	296	0.433	0.0	1.0
331	297	297	0.45	0.0	1.0	36.2	51.4	−28.4	58.7	331	0.007	0.0	1.0	25.6	24.0	−47.0	52.9	297	0.45	0.0	1.0	0.011	0.0	1.0	25.7	24.3	−46.9	52.9	297	0.45	0.0	1.0
332	298	298	0.466	0.0	1.0	36.7	52.2	−27.7	59.1	332	0.019	0.0	1.0	25.9	24.8	−46.6	52.9	298	0.467	0.0	1.0	0.023	0.0	1.0	26.1	25.1	−46.5	52.9	298	0.467	0.0	1.0
332	299	299	0.483	0.0	1.0	37.3	53.0	−27.0	59.5	332	0.031	0.0	1.0	26.3	25.7	−46.2	52.9	299	0.483	0.0	1.0	0.034	0.0	1.0	26.4	25.9	−46.1	53.0	299	0.483	0.0	1.0
333	300	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333	0.043	0.0	1.0	26.7	26.5	−45.8	53.0	300	0.5	0.0	1.0	0.046	0.0	1.0	26.8	26.6	−45.7	53.0	300	0.5	0.0	1.0

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

TUB-test chart RE55; 1080 standard colours
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*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; 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		
333	300	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333	0.043	0.0	1.0	26.7	26.5	−45.8	53.0	300	0.5	0.0	1.0	0.046	0.0	1.0	26.8	26.6	−45.7	53.0	300	0.5	0.0	1.0
334	301	301	0.516	0.0	1.0	38.3	54.5	−25.7	60.3	334	0.056	0.0	1.0	27.1	27.3	−45.3	53.0	301	0.517	0.0	1.0	0.057	0.0	1.0	27.2	27.4	−45.3	53.0	301	0.517	0.0	1.0
335	302	302	0.533	0.0	1.0	38.7	55.2	−25.2	60.6	335	0.068	0.0	1.0	27.5	28.1	−44.9	53.0	302	0.533	0.0	1.0	0.068	0.0	1.0	27.5	28.2	−44.8	53.0	302	0.533	0.0	1.0
336	303	303	0.55	0.0	1.0	39.1	55.8	−24.6	61.0	336	0.08	0.0	1.0	27.9	28.9	−44.4	53.1	303	0.55	0.0	1.0	0.08	0.0	1.0	27.9	28.9	−44.4	53.1	303	0.55	0.0	1.0
336	304	303	0.566	0.0	1.0	39.5	56.5	−24.0	61.4	336	0.092	0.0	1.0	28.3	29.7	−43.9	53.1	304	0.567	0.0	1.0	0.091	0.0	1.0	28.3	29.7	−43.9	53.1	303	0.567	0.0	1.0
337	305	304	0.583	0.0	1.0	39.9	57.2	−23.4	61.8	337	0.104	0.0	1.0	28.7	30.5	−43.4	53.1	305	0.583	0.0	1.0	0.103	0.0	1.0	28.6	30.4	−43.5	53.1	304	0.583	0.0	1.0
338	306	305	0.6	0.0	1.0	40.3	57.8	−22.8	62.2	338	0.116	0.0	1.0	29.0	31.2	−42.9	53.1	306	0.6	0.0	1.0	0.114	0.0	1.0	29.0	31.1	−43.0	53.1	305	0.6	0.0	1.0
339	307	306	0.616	0.0	1.0	40.7	58.5	−22.1	62.5	339	0.13	0.0	1.0	29.4	32.0	−42.4	53.2	307	0.617	0.0	1.0	0.126	0.0	1.0	29.4	31.9	−42.5	53.2	306	0.617	0.0	1.0
340	308	307	0.633	0.0	1.0	41.1	59.3	−21.4	63.0	340	0.151	0.0	1.0	29.8	32.8	−41.8	53.2	308	0.633	0.0	1.0	0.146	0.0	1.0	29.7	32.6	−42.0	53.2	307	0.633	0.0	1.0
341	309	308	0.65	0.0	1.0	41.4	60.3	−20.5	63.7	341	0.172	0.0	1.0	30.2	33.5	−41.3	53.3	309	0.65	0.0	1.0	0.166	0.0	1.0	30.1	33.3	−41.5	53.2	308	0.65	0.0	1.0
342	310	309	0.666	0.0	1.0	41.7	61.3	−19.7	64.3	342	0.193	0.0	1.0	30.6	34.3	−40.7	53.3	310	0.667	0.0	1.0	0.186	0.0	1.0	30.4	34.0	−40.9	53.3	309	0.667	0.0	1.0
343	311	310	0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343	0.214	0.0	1.0	30.9	35.0	−40.2	53.3	311	0.683	0.0	1.0	0.205	0.0	1.0	30.8	34.7	−40.4	53.3	310	0.683	0.0	1.0
344	312	311	0.7	0.0	1.0	42.2	63.2	−17.8	65.6	344	0.234	0.0	1.0	31.3	35.7	−39.6	53.4	312	0.7	0.0	1.0	0.225	0.0	1.0	31.1	35.4	−39.8	53.4	311	0.7	0.0	1.0
345	313	312	0.716	0.0	1.0	42.5	64.1	−16.9	66.3	345	0.252	0.0	1.0	31.6	36.5	−39.0	53.5	313	0.717	0.0	1.0	0.245	0.0	1.0	31.5	36.1	−39.3	53.4	312	0.717	0.0	1.0
346	314	313	0.733	0.0	1.0	42.8	65.0	−15.9	66.9	346	0.261	0.0	1.0	31.8	37.3	−38.5	53.7	314	0.733	0.0	1.0	0.256	0.0	1.0	31.7	36.8	−38.8	53.6	313	0.733	0.0	1.0
347	315	314	0.75	0.0	1.0	43.1	65.9	−14.9	67.6	347	0.27	0.0	1.0	31.9	38.2	−38.1	54.0	315	0.75	0.0	1.0	0.265	0.0	1.0	31.8	37.7	−38.4	53.8	314	0.75	0.0	1.0
347	316	315	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347	0.279	0.0	1.0	32.1	39.0	−37.6	54.2	316	0.767	0.0	1.0	0.273	0.0	1.0	32.0	38.5	−37.9	54.1	315	0.767	0.0	1.0
348	317	316	0.783	0.0	1.0	43.8	66.9	−14.1	68.4	348	0.288	0.0	1.0	32.3	39.8	−37.1	54.5	317	0.783	0.0	1.0	0.282	0.0	1.0	32.1	39.3	−37.4	54.3	316	0.783	0.0	1.0
348	318	317	0.8	0.0	1.0	44.2	67.3	−13.7	68.7	348	0.297	0.0	1.0	32.4	40.7	−36.5	54.7	318	0.8	0.0	1.0	0.29	0.0	1.0	32.3	40.0	−36.9	54.5	317	0.8	0.0	1.0
348	319	318	0.816	0.0	1.0	44.6	67.8	−13.3	69.1	348	0.306	0.0	1.0	32.6	41.5	−36.0	55.0	319	0.817	0.0	1.0	0.299	0.0	1.0	32.4	40.8	−36.4	54.8	318	0.817	0.0	1.0
349	320	319	0.833	0.0	1.0	45.0	68.3	−12.9	69.5	349	0.315	0.0	1.0	32.7	42.3	−35.4	55.2	320	0.833	0.0	1.0	0.307	0.0	1.0	32.6	41.6	−35.9	55.0	319	0.833	0.0	1.0
349	321	320	0.85	0.0	1.0	45.3	68.8	−12.5	69.9	349	0.324	0.0	1.0	32.9	43.1	−34.8	55.5	321	0.85	0.0	1.0	0.315	0.0	1.0	32.7	42.4	−35.4	55.3	320	0.85	0.0	1.0
350	322	321	0.866	0.0	1.0	45.7	69.2	−12.1	70.3	350	0.333	0.0	1.0	33.1	43.9	−34.2	55.8	322	0.867	0.0	1.0	0.324	0.0	1.0	32.9	43.2	−34.8	55.5	321	0.867	0.0	1.0
350	323	321	0.883	0.0	1.0	46.1	69.7	−11.7	70.7	350	0.342	0.0	1.0	33.2	44.7	−33.6	56.0	323	0.883	0.0	1.0	0.332	0.0	1.0	33.0	43.9	−34.2	55.7	321	0.883	0.0	1.0
350	324	322	0.9	0.0	1.0	46.4	70.1	−11.2	71.0	350	0.351	0.0	1.0	33.4	45.5	−33.0	56.3	324	0.9	0.0	1.0	0.341	0.0	1.0	33.2	44.7	−33.7	56.0	322	0.9	0.0	1.0
351	325	323	0.916	0.0	1.0	46.7	70.6	−10.8	71.4	351	0.359	0.0	1.0	33.5	46.3	−32.3	56.5	325	0.917	0.0	1.0	0.349	0.0	1.0	33.4	45.4	−33.1	56.2	323	0.917	0.0	1.0
351	326	324	0.933	0.0	1.0	47.0	71.0	−10.3	71.8	351	0.368	0.0	1.0	33.7	47.1	−31.6	56.8	326	0.933	0.0	1.0	0.358	0.0	1.0	33.5	46.2	−32.4	56.5	324	0.933	0.0	1.0
352	327	325	0.95	0.0	1.0	47.3	71.5	−9.9	72.2	352	0.379	0.0	1.0	34.0	47.9	−31.0	57.1	327	0.95	0.0	1.0	0.366	0.0	1.0	33.7	46.9	−31.8	56.7	325	0.95	0.0	1.0
352	328	326	0.966	0.0	1.0	47.6	71.9	−9.4	72.5	352	0.397	0.0	1.0	34.5	48.7	−30.4	57.5	328	0.967	0.0	1.0	0.375	0.0	1.0	33.8	47.6	−31.2	57.0	326	0.967	0.0	1.0
352	329	327	0.983	0.0	1.0	47.9	72.4	−9.0	72.9	352	0.414	0.0	1.0	35.1	49.6	−29.7	57.9	329	0.983	0.0	1.0	0.391	0.0	1.0	34.3	48.4	−30.6	57.3	327	0.983	0.0	1.0
353	330	328	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353	M_d	0.432	0.0	1.0	35.7	50.5	−29.1	58.3	330	M_s	1.0	0.0	1.0	0.407	0.0	1.0	34.9	49.3	−30.0	57.7	328	M_e	1.0	0.0	1.0
353	331	329	1.0	0.0	0.983	48.2	72.7	−7.9	73.1	353	0.449	0.0	1.0	36.2	51.4	−28.4	58.7	331	1.0	0.0	0.983	0.424	0.0	1.0	35.4	50.1	−29.4	58.1	329	1.0	0.0	0.983
354	332	330	1.0	0.0	0.966	48.2	72.5	−7.4	72.9	354	0.467	0.0	1.0	36.8	52.2	−27.7	59.1	332	1.0	0.0	0.967	0.441	0.0	1.0	35.9	50.9	−28.7	58.5	330	1.0	0.0	0.967
354	333	331	1.0	0.0	0.95	48.2	72.4	−6.8	72.7	354	0.484	0.0	1.0	37.4	53.1	−26.9	59.6	333	1.0	0.0	0.95	0.457	0.0	1.0	36.5	51.8	−28.1	58.9	331	1.0	0.0	0.95
355	334	332	1.0	0.0	0.933	48.2	72.2	−6.2	72.5	355	0.502	0.0	1.0	37.9	53.9	−26.2	60.0	334	1.0	0.0	0.933	0.474	0.0	1.0	37.0	52.6	−27.4	59.3	332	1.0	0.0	0.933
355	335	333	1.0	0.0	0.916	48.2	72.0	−5.7	72.3	355	0.524	0.0	1.0	38.5	54.8	−25.5	60.5	335	1.0	0.0	0.917	0.49	0.0	1.0	37.6	53.4	−26.7	59.7	333	1.0	0.0	0.917
355	336	334	1.0	0.0	0.9	48.2	71.9	−5.1	72.1	355	0.546	0.0	1.0	39.0	55.7	−24.7	61.0	336	1.0	0.0	0.9	0.508	0.0	1.0	38.1	54.2	−26.0	60.1	334	1.0	0.0	0.9
356	337	335	1.0	0.0	0.883	48.2	71.7	−4.6	71.8	356	0.567	0.0	1.0	39.6	56.6	−23.9	61.5	337	1.0	0.0	0.883	0.529	0.0	1.0	38.6	55.0	−25.3	60.6	335	1.0	0.0	0.883
356	338	336	1.0	0.0	0.866	48.2	71.5	−4.0	71.7	356	0.589	0.0	1.0	40.1	57.5	−23.1	62.0	338	1.0	0.0	0.867	0.55	0.0	1.0	39.1	55.9	−24.6	61.1	336	1.0	0.0	0.867
357	339	337	1.0	0.0	0.85	48.2	71.4	−3.3	71.5	357	0.611	0.0	1.0	40.7	58.3	−22.3	62.5	339	1.0	0.0	0.85	0.57	0.0	1.0	39.6	56.7	−23.8	61.5	337	1.0	0.0	0.85
357	340	338	1.0	0.0	0.833	48.2	71.3	−2.7	71.3	357	0.631	0.0	1.0	41.1	59.2	−21.5	63.0	340	1.0	0.0	0.833	0.591	0.0	1.0	40.2	57.5	−23.0	62.0	338	1.0	0.0	0.833
358	341	339	1.0	0.0	0.816	48.2	71.1	−2.1	71.1	358	0.648	0.0	1.0	41.4	60.2	−20.6	63.7	341	1.0	0.0	0.817	0.612	0.0	1.0	40.7	58.3	−22.3	62.5	339	1.0	0.0	0.817
358	342	339	1.0	0.0	0.8	48.2	70.9	−1.4	71.0	358	0.664	0.0	1.0	41.7	61.1	−19.8	64.3	342	1.0	0.0	0.8	0.631	0.0	1.0	41.1	59.2	−21.5	63.0	339	1.0	0.0	0.8
359	343	340	1.0	0.0	0.783	48.1	70.8	−0.8	70.8	359	0.68	0.0	1.0	41.9	62.1	−18.9	64.9	343	1.0	0.0	0.783	0.646	0.0	1.0	41.4	60.1	−20.7	63.6	340	1.0	0.0	0.783
359	344	341	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359	0.697	0.0	1.0	42.2	63.0	−18.0	65.6	344	1.0	0.0	0.767	0.662	0.0	1.0	41.6	61.0	−19.9	64.2	341	1.0	0.0	0.767
360	345	342	1.0	0.0	0.75	48.1	70.4	0.3	70.4	360	0.713	0.0	1.0	42.5	64.0	−17.0	66.2	345	1.0	0.0	0.75	0.678	0.0	1.0	41.9	61.9	−19.0	64.8	342	1.0	0.0	0.75

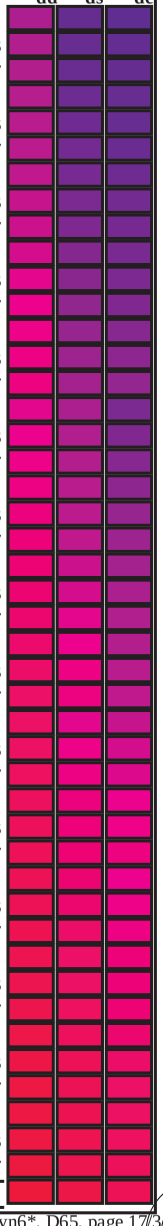
*rgb**$_{dd}$ *rgb**$_{ds}$ *rgb**$_{de}$

TUB-test chart RE55; 1080 standard colours
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*$_d$: $h_{ab,d}$ = 32.8, 97.2, 157.8, 236.2, 296.4, 353.3; 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
360	345	342	1.0	0.0	0.75	48.1	70.4	0.3	70.4	360	0.713	0.0	1.0	42.5	64.0	−17.0	66.2	345	1.0	0.0	0.75	0.678	0.0	1.0	41.9	61.9	−19.0	64.8	342	1.0	0.0	0.75			
361	346	343	1.0	0.0	0.733	48.1	70.3	1.3	70.3	361	0.73	0.0	1.0	42.8	64.9	−16.1	66.9	346	1.0	0.0	0.733	0.693	0.0	1.0	42.2	62.8	−18.2	65.4	343	1.0	0.0	0.733			
361	347	344	1.0	0.0	0.716	48.1	70.1	2.2	70.1	361	0.746	0.0	1.0	43.1	65.8	−15.1	67.5	347	1.0	0.0	0.717	0.709	0.0	1.0	42.4	63.7	−17.3	66.0	344	1.0	0.0	0.717			
362	348	345	1.0	0.0	0.7	48.1	69.9	3.1	70.0	362	0.782	0.0	1.0	43.9	66.9	−14.1	68.4	348	1.0	0.0	0.7	0.724	0.0	1.0	42.7	64.6	−16.4	66.6	345	1.0	0.0	0.7			
363	349	346	1.0	0.0	0.683	48.1	69.7	4.0	69.8	363	0.823	0.0	1.0	44.8	68.0	−13.1	69.3	349	1.0	0.0	0.683	0.74	0.0	1.0	43.0	65.4	−15.5	67.3	346	1.0	0.0	0.683			
364	350	347	1.0	0.0	0.666	48.0	69.5	4.9	69.7	364	0.864	0.0	1.0	45.7	69.2	−12.1	70.3	350	1.0	0.0	0.667	0.764	0.0	1.0	43.4	66.4	−14.5	68.0	347	1.0	0.0	0.667			
364	351	348	1.0	0.0	0.65	48.0	69.3	5.7	69.5	364	0.905	0.0	1.0	46.5	70.3	−11.0	71.2	351	1.0	0.0	0.65	0.803	0.0	1.0	44.3	67.5	−13.6	68.9	348	1.0	0.0	0.65			
365	352	349	1.0	0.0	0.633	48.0	69.0	6.6	69.3	365	0.946	0.0	1.0	47.3	71.4	−9.9	72.1	352	1.0	0.0	0.633	0.842	0.0	1.0	45.2	68.6	−12.7	69.8	349	1.0	0.0	0.633			
366	353	350	1.0	0.0	0.616	48.0	68.8	7.5	69.2	366	0.988	0.0	1.0	48.0	72.5	−8.8	73.1	353	1.0	0.0	0.617	0.881	0.0	1.0	46.1	69.7	−11.7	70.6	350	1.0	0.0	0.617			
367	354	351	1.0	0.0	0.6	47.9	68.7	8.5	69.2	367	1.0	0.0	0.973	48.3	72.6	−7.5	73.0	354	1.0	0.0	0.6	0.92	0.0	1.0	46.8	70.7	−10.7	71.5	351	1.0	0.0	0.6			
367	355	352	1.0	0.0	0.583	47.9	68.6	9.4	69.2	367	1.0	0.0	0.935	48.3	72.3	−6.2	72.5	355	1.0	0.0	0.583	0.959	0.0	1.0	47.5	71.8	−9.6	72.4	352	1.0	0.0	0.583			
368	356	353	1.0	0.0	0.566	47.9	68.4	10.3	69.2	368	1.0	0.0	0.896	48.3	71.9	−4.9	72.1	356	1.0	0.0	0.567	0.998	0.0	1.0	48.2	72.8	−8.5	73.3	353	1.0	0.0	0.567			
369	357	354	1.0	0.0	0.55	47.8	68.2	11.2	69.2	369	1.0	0.0	0.86	48.3	71.5	−3.6	71.6	357	1.0	0.0	0.55	1.0	0.0	0.965	48.3	72.6	−7.3	72.9	354	1.0	0.0	0.55			
370	358	355	1.0	0.0	0.533	47.8	68.1	12.1	69.1	370	1.0	0.0	0.827	48.2	71.2	−2.4	71.3	358	1.0	0.0	0.533	1.0	0.0	0.929	48.3	72.2	−6.0	72.5	355	1.0	0.0	0.533			
370	359	356	1.0	0.0	0.516	47.7	67.9	13.1	69.1	370	1.0	0.0	0.794	48.2	70.9	−1.1	70.9	359	1.0	0.0	0.517	1.0	0.0	0.892	48.3	71.8	−4.8	72.0	356	1.0	0.0	0.517			
371	360	352	1.0	0.0	0.5	47.7	67.7	14.0	69.1	371	1.0	0.0	0.761	48.2	70.6	0.0	70.6	360	1.0	0.0	0.5	0.949	0.0	1.0	47.3	71.5	−9.9	72.2	352	1.0	0.0	0.5			
372	361	353	1.0	0.0	0.483	47.7	67.5	15.0	69.2	372	1.0	0.0	0.735	48.1	70.3	1.2	70.3	361	1.0	0.0	0.483	0.995	0.0	1.0	48.2	72.7	−8.6	73.2	353	1.0	0.0	0.483			
373	362	354	1.0	0.0	0.466	47.7	67.3	16.1	69.2	373	1.0	0.0	0.712	48.1	70.1	2.4	70.1	362	1.0	0.0	0.467	1.0	0.0	0.962	48.3	72.5	−7.2	72.9	354	1.0	0.0	0.467			
374	363	355	1.0	0.0	0.45	47.7	67.2	17.1	69.3	374	1.0	0.0	0.69	48.1	69.8	3.7	69.9	363	1.0	0.0	0.45	1.0	0.0	0.919	48.3	72.1	−5.7	72.3	355	1.0	0.0	0.45			
375	364	356	1.0	0.0	0.433	47.7	67.0	18.2	69.4	375	1.0	0.0	0.667	48.1	69.5	4.9	69.7	364	1.0	0.0	0.433	1.0	0.0	0.876	48.3	71.7	−4.3	71.8	356	1.0	0.0	0.433			
376	365	357	1.0	0.0	0.416	47.7	66.7	19.2	69.5	376	1.0	0.0	0.645	48.1	69.2	6.1	69.5	365	1.0	0.0	0.417	1.0	0.0	0.839	48.3	71.4	−2.9	71.4	357	1.0	0.0	0.417			
376	366	358	1.0	0.0	0.4	47.7	66.5	20.3	69.5	376	1.0	0.0	0.623	48.0	68.9	7.2	69.3	366	1.0	0.0	0.4	1.0	0.0	0.802	48.2	71.0	−1.5	71.0	358	1.0	0.0	0.4			
377	367	359	1.0	0.0	0.383	47.7	66.3	21.3	69.6	377	1.0	0.0	0.601	48.0	68.8	8.4	69.3	367	1.0	0.0	0.383	1.0	0.0	0.765	48.2	70.6	−0.1	70.6	359	1.0	0.0	0.383			
378	368	360	1.0	0.0	0.366	47.7	66.1	22.3	69.7	378	1.0	0.0	0.58	47.9	68.6	9.6	69.3	368	1.0	0.0	0.367	1.0	0.0	0.735	48.1	70.3	1.2	70.3	360	1.0	0.0	0.367			
379	369	362	1.0	0.0	0.35	47.7	66.0	23.2	69.9	379	1.0	0.0	0.558	47.9	68.4	10.8	69.2	369	1.0	0.0	0.35	1.0	0.0	0.71	48.1	70.1	2.6	70.1	362	1.0	0.0	0.35			
380	370	363	1.0	0.0	0.333	47.7	65.8	24.2	70.2	380	1.0	0.0	0.536	47.8	68.1	12.0	69.2	370	1.0	0.0	0.333	1.0	0.0	0.685	48.1	69.8	3.9	69.9	363	1.0	0.0	0.333			
380	371	364	1.0	0.0	0.316	47.7	65.7	25.1	70.4	380	1.0	0.0	0.515	47.8	67.9	13.2	69.2	371	1.0	0.0	0.317	1.0	0.0	0.66	48.1	69.4	5.2	69.6	364	1.0	0.0	0.317			
381	372	365	1.0	0.0	0.3	47.7	65.6	26.0	70.6	381	1.0	0.0	0.494	47.8	67.7	14.4	69.2	372	1.0	0.0	0.3	1.0	0.0	0.635	48.1	69.1	6.6	69.4	365	1.0	0.0	0.3			
382	373	366	1.0	0.0	0.283	47.7	65.4	27.0	70.8	382	1.0	0.0	0.475	47.8	67.5	15.6	69.3	373	1.0	0.0	0.283	1.0	0.0	0.611	48.0	68.8	7.9	69.3	366	1.0	0.0	0.283			
383	374	367	1.0	0.0	0.266	47.7	65.2	27.9	71.0	383	1.0	0.0	0.456	47.8	67.3	16.8	69.3	374	1.0	0.0	0.267	1.0	0.0	0.587	48.0	68.6	9.2	69.3	367	1.0	0.0	0.267			
383	375	368	1.0	0.0	0.25	47.7	65.0	28.9	71.2	383	1.0	0.0	0.437	47.8	67.1	18.0	69.4	375	1.0	0.0	0.25	1.0	0.0	0.563	47.9	68.4	10.6	69.2	368	1.0	0.0	0.25			
384	376	369	1.0	0.0	0.233	47.6	65.0	29.7	71.5	384	1.0	0.0	0.418	47.8	66.8	19.2	69.5	376	1.0	0.0	0.233	1.0	0.0	0.539	47.8	68.2	11.9	69.2	369	1.0	0.0	0.233			
385	377	370	1.0	0.0	0.216	47.6	64.9	30.5	71.8	385	1.0	0.0	0.399	47.8	66.5	20.3	69.6	377	1.0	0.0	0.217	1.0	0.0	0.515	47.8	67.9	13.2	69.2	370	1.0	0.0	0.217			
385	378	372	1.0	0.0	0.2	47.6	64.9	31.4	72.1	385	1.0	0.0	0.38	47.8	66.3	21.5	69.7	378	1.0	0.0	0.2	1.0	0.0	0.492	47.8	67.6	14.5	69.2	372	1.0	0.0	0.2			
386	379	373	1.0	0.0	0.183	47.5	64.8	32.2	72.4	386	1.0	0.0	0.359	47.8	66.1	22.8	69.9	379	1.0	0.0	0.183	1.0	0.0	0.471	47.8	67.4	15.8	69.3	373	1.0	0.0	0.183			
387	380	374	1.0	0.0	0.166	47.5	64.7	33.0	72.7	387	1.0	0.0	0.337	47.8	65.9	24.0	70.2	380	1.0	0.0	0.167	1.0	0.0	0.45	47.8	67.2	17.2	69.4	374	1.0	0.0	0.167			
387	381	375	1.0	0.0	0.15	47.5	64.6	33.9	72.9	387	1.0	0.0	0.315	47.8	65.7	25.2	70.4	381	1.0	0.0	0.15	1.0	0.0	0.429	47.8	67.0	18.5	69.5	375	1.0	0.0	0.15			
388	382	376	1.0	0.0	0.133	47.4	64.5	34.7	73.2	388	1.0	0.0	0.293	47.7	65.5	26.5	70.7	382	1.0	0.0	0.133	1.0	0.0	0.408	47.8	66.7	19.8	69.6	376	1.0	0.0	0.133			
388	383	377	1.0	0.0	0.116	47.4	64.4	35.5	73.6	388	1.0	0.0	0.271	47.7	65.3	27.7	71.0	383	1.0	0.0	0.117	1.0	0.0	0.386	47.8	66.4	21.2	69.6	377	1.0	0.0	0.117			
389	384	378	1.0	0.0	0.1	47.4	64.3	36.3	73.9	389	1.0	0.0	0.249	47.7	65.1	29.0	71.2	384	1.0	0.0	0.1	1.0	0.0	0.364	47.8	66.1	22.5	69.8	378	1.0	0.0	0.1			
390	385	379	1.0	0.0	0.083	47.4	64.3	37.1	74.2	390	1.0	0.0	0.222	47.7	65.0	30.3	71.7	385	1.0	0.0	0.083	1.0	0.0	0.339	47.8	65.9	23.9	70.1	379	1.0	0.0	0.083			
390	386	381	1.0	0.0	0.066	47.4	64.2	37.9	74.6	390	1.0	0.0	0.195	47.6	64.9	31.6	72.2	386	1.0	0.0	0.067	1.0	0.0	0.315	47.8	65.7	25.3	70.4	381	1.0	0.0	0.067			
391	387	382	1.0	0.0	0.049	47.4	64.1	38.7	74.9	391	1.0	0.0	0.169	47.6	64.7	33.0	72.7	387	1.0	0.0	0.05	1.0	0.0	0.29	47.7	65.5	26.7	70.7	382	1.0	0.0	0.05			
391	388	383	1.0	0.0	0.033	47.3	64.0	39.5	75.3	391	1.0	0.0	0.142	47.5	64.6	34.3	73.1	388	1.0	0.0	0.033	1.0	0.0	0.266	47.7	65.3	28.0	71.0	383	1.0	0.0	0.033			
392	389	384	1.0	0.0	0.016	47.3	63.9	40.3	75.6	392	1.0	0.0	0.114	47.5	64.4	35.7	73.7	389	1.0	0.0	0.017	1.0	0.0	0.239	47.7	65.1	29.5	71.4	384	1.0	0.0	0.017			
392	390	385	1.0	0.0	0.0	47.3	63.8	41.2	76.0	392	R_d	1.0	0.0	0.084	47.4	64.3	37.1	74.3	390	R_s	1.0	0.0	0.0	1.0	0.0	0.209	47.6	64.9	30.9	71.9	385	R_e	1.0	0.0	0.0			



TUB-test chart RE55; 1080 standard colours
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	0.209	47.6	64.9	30.9	71.9	25.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	10.3	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
1/657	R13Y_100_100$_e$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.007	0.0	47.5	63.3	41.5	75.7	33.2	1.0	0.125	0.0	51.2	54.9	46.7	72.1	40.4	10.5	30	1.0	0.007	0.0	47.5	63.3	41.5	75.7	33.2
2/666	R25Y_100_100$_e$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50.0	12.2	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
3/675	R38Y_100_100$_e$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.249	0.0	56.0	44.4	52.9	69.1	49.9	1.0	0.375	0.0	61.4	33.2	60.3	68.8	61.1	14.5	43	1.0	0.249	0.0	56.0	44.4	52.9	69.1	49.9
4/684	R50Y_100_100$_e$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	17.0	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
5/693	R63Y_100_100$_e$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.455	0.0	65.1	26.6	65.2	70.4	67.8	1.0	0.625	0.0	73.6	11.0	76.1	76.9	81.7	20.8	57	1.0	0.455	0.0	65.1	26.6	65.2	70.4	67.8
6/702	R75Y_100_100$_e$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88.5	20.5	64	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
7/711	R88Y_100_100$_e$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.675	0.0	75.9	7.5	79.0	79.4	84.5	1.0	0.875	0.0	84.2	−5.7	89.4	89.6	93.6	18.8	71	1.0	0.675	0.0	75.9	7.5	79.0	79.4	84.5
8/720	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1	12.3	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
9/639	Y13G_100_100$_e$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.871	1.0	0.0	85.7	−16.3	88.4	89.9	100.4	0.875	1.0	0.0	85.8	−16.2	88.6	90.0	100.3	0.2	96	0.871	1.0	0.0	85.7	−16.3	88.4	89.9	100.4
10/558	Y25G_100_100$_e$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6	0.75	1.0	0.0	82.9	−19.7	83.0	85.3	103.3	11.0	112	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
11/477	Y38G_100_100$_e$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.454	1.0	0.0	71.3	−33.5	63.2	71.5	117.9	0.625	1.0	0.0	77.0	−25.2	76.3	80.4	108.3	16.5	122	0.454	1.0	0.0	71.3	−33.5	63.2	71.5	117.9
12/396	Y50G_100_100$_e$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3	16.8	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
13/315	Y63G_100_100$_e$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.229	1.0	0.0	60.2	−49.1	46.4	67.6	136.5	0.375	1.0	0.0	68.9	−36.9	58.1	68.8	122.4	18.9	137	0.229	1.0	0.0	60.2	−49.1	46.4	67.6	136.5
14/234	Y75G_100_100$_e$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9	0.25	1.0	0.0	60.8	−47.8	47.8	67.6	134.9	13.5	144	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
15/153	Y88G_100_100$_e$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.035	1.0	0.0	53.5	−65.0	31.6	72.3	154.0	0.125	1.0	0.0	57.4	−54.9	38.9	67.3	144.6	13.0	148	0.035	1.0	0.0	53.5	−65.0	31.6	72.3	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	0.093	52.4	−67.1	21.5	70.5	162.2	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	6.8	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	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	0.209	53.0	−63.5	12.8	64.8	168.6	0.0	1.0	0.125	52.5	−66.4	19.3	69.1	163.7	7.1	161	0.0	1.0	0.209	53.0	−63.5	12.8	64.8	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	0.299	53.6	−60.2	5.2	60.4	175.0	0.0	1.0	0.25	53.2	−61.9	9.8	62.7	170.9	4.8	166	0.0	1.0	0.299	53.6	−60.2	5.2	60.4	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	0.387	54.1	−56.4	−2.2	56.5	182.3	0.0	1.0	0.375	54.1	−56.9	−1.0	56.9	181.0	1.2	172	0.0	1.0	0.387	54.1	−56.4	−2.2	56.5	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	0.46	54.6	−53.2	−9.0	53.9	189.6	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5	3.9	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	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	0.533	55.1	−49.6	−15.0	51.9	196.9	0.0	1.0	0.625	55.8	−45.1	−21.9	50.1	205.9	8.2	182	0.0	1.0	0.533	55.1	−49.6	−15.0	51.9	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	0.607	55.6	−46.0	−20.7	50.5	204.2	0.0	1.0	0.75	56.7	−38.9	−30.9	49.7	218.4	12.4	187	0.0	1.0	0.607	55.6	−46.0	−20.7	50.5	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	0.671	56.1	−43.0	−25.4	50.0	210.5	0.0	1.0	0.875	57.5	−34.3	−37.2	50.6	227.3	14.7	191	0.0	1.0	0.671	56.1	−43.0	−25.4	50.0	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	0.735	56.6	−39.7	−29.9	49.8	216.9	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1	17.4	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	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	0.819	57.2	−36.5	−34.5	50.2	223.3	0.0	0.875	1.0	55.2	−25.0	−43.9	50.5	240.3	15.0	200	0.0	1.0	0.819	57.2	−36.5	−34.5	50.2	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	0.909	57.7	−33.0	−39.1	51.2	229.7	0.0	0.75	1.0	51.7	−19.7	−44.1	48.3	245.8	15.4	205	0.0	1.0	0.909	57.7	−33.0	−39.1	51.2	229.7
27/53	C38B_100_100$_e$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.973	1.0	57.7	−28.3	−43.8	52.2	237.0	0.0	0.625	1.0	47.7	−13.9	−44.4	46.5	252.5	17.5	211	0.0	0.973	1.0	57.7	−28.3	−43.8	52.2	237.0
28/44	C50B_100_100$_e$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3	18.1	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
29/35	C63B_100_100$_e$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.642	1.0	48.3	−14.7	−44.4	46.8	251.6	0.0	0.375	1.0	37.9	1.3	−45.4	45.4	271.7	19.1	230	0.0	0.642	1.0	48.3	−14.7	−44.4	46.8	251.6
30/26	C75B_100_100$_e$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258.9	0.0	0.25	1.0	33.3	9.4	−46.0	47.0	281.6	21.4	237	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258.9
31/17	C88B_100_100$_e$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.46	1.0	41.2	−3.6	−45.2	45.4	265.3	0.0	0.125	1.0	28.6	17.4	−46.9	50.1	290.3	24.6	242	0.0	0.46	1.0	41.2	−3.6	−45.2	45.4	265.3
32/8	B00M_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4	25.5	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
33/89	B13M_100_100$_e$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.291	1.0	34.8	6.7	−45.9	46.4	278.3	0.125	0.0	1.0	29.3	31.8	−42.6	53.1	306.7	25.8	253	0.0	0.291	1.0	34.8	6.7	−45.9	46.4	278.3
34/170	B25M_100_100$_e$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0	0.25	0.0	1.0	31.5	36.2	−39.2	53.4	312.7	24.8	259	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
35/251	B38M_100_100$_e$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.078	1.0	27.4	19.6	−47.2	51.1	292.5	0.375	0.0	1.0	33.8	47.6	−31.2	56.9	326.7	32.8	265	0.0	0.078	1.0	27.4	19.6	−47.2	51.1	292.5
36/332	B50M_100_100$_e$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9	35.2	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
37/413	B63M_100_100$_e$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.146	0.0	1.0	29.7	32.5	−42.0	53.2	307.7	0.625	0.0	1.0	40.9	58.8	−21.8	62.7	339.6	35.0	277	0.146	0.0	1.0	29.7	32.5	−42.0	53.2	307.7
38/494	B75M_100_100$_e$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3	0.75	0.0	1.0	43.1	65.9	−14.9	67.6	347.2	37.5	285	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
39/575	B88M_100_100$_e$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.332	0.0	1.0	33.0	43.9	−34.3	55.7	321.9	0.875	0.0	1.0	45.9	69.4	−11.9	70.5	350.2	36.3	289	0.332	0.0	1.0	33.0	43.9	−34.3	55.7	321.9
40/656	M00R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	34.6	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
41/655	M13R_100_100$_e$	1.0	0.0	0.875	1.0	1.0	0.5	337	0.528	0.0	1.0	38.6	55.0	−25.3	60.6	335.2	1.0	0.0	0.875	48.2	71.6	−4.3	71.7	356.5	28.5	301	0.528	0.0	1.0	38.6	55.0	−25.3	60.6	335.2
42/654	M25R_100_100$_e$	1.0	0.0	0.75	1.0	1.0	0.5	344	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8	1.0	0.0	0.75	48.1	70.4	0.3	70.4	360.3	23.3	310	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8
43/653	M38R_100_100$_e$	1.0	0.0	0.625	1.0	1.0	0.5	352	0.841	0.0	1.0	45.2	68.5	−12.7	69.7	349.4	1.0	0.0	0.625	48.0	68.9	7.1	69.3	365.8	20.0	321	0.841	0.0	1.0	45.2	68.5	−12.7	69.7	349.4
44/652	M50R_100_100$_e$	1.0	0.0	0.5	1.0	1.0	0.5	360	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0	1.0	0.0	0.5	47.7	67.7	14.0	69.1	371.6	24.2	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	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	0.735	48.1	70.3	1.1	70.3	0.9	1.0	0.0	0.375	47.7	66.1	21.8	69.6	378.2	21.0	344	1.0	0.0	0.735	48.1	70.3	1.1	70.3	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	0.538	47.8	68.1	11.8	69.2	9.8	1.0	0.0	0.25	47.7	65.0	28.9	71.2	383.9	17.3	357	1.0	0.0	0.538	47.8	68.1	11.8	69.2	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	0.386	47.7	66.3	21.1	69.6	17.6	1.0	0.0	0.125	47.4	64.4	35.1	73.4	388.6	14.1	367	1.0	0.0	0.386	47.7	66.3	21.1	69.6	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	0.209	47.6	64.9	30.9	71.9	25.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	392.8	10.3	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	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	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.2	54.9	46.7	72.1	400.4	79.5	360	1.0	1.0	1.0	95.4	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	27.4	0.0	0.0	0.0	0.0	0.125	0.125	0.125	17.7	0.0	0.0	0.0	0.0	9.7	360	1.0	1.0	1.0	95.4	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	37.1	0.0	0.0	0.0	0.0	0.25	0.25	0.25	28.0	−0.2	−0.4	0.5	238.7	9.1	360	1.0	1.0	1.0	95.4	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	46.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	42.2	−0.5	−0.7	0.9	235.1	4.6	360	1.0	1.0	1.0	95.4	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	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	55.0	−0.4	−0.6	0.7	234.3	1.7	360	1.0	1.0	1.0	95.4	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	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	63.4	−0.4	−0.6	0.7	235.9	2.9	360	1.0	1.0	1.0	95.4	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	76.0	0.0	0.0	0.0	0.0	0.75	0.75	0.75	72.2	−0.3	−0.4	0.5	236.5	3.8	360	1.0	1.0	1.0	95.4	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	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	80.8	−0.2	−0.4	0.5	237.4	4.9	360	1.0	1.0	1.0	95.4	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	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	89.7	−0.1	−0.1	0.2	234.3	5.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta *E*'* = *17.3***

TUB-test chart RE55; 1080 standard colours
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	0.209	47.6	64.9	30.9	71.9	25.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	10.3	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
1/666	R25Y_100_100$_e$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50.0	12.2	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
2/684	R50Y_100_100$_e$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	17.0	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
3/702	R75Y_100_100$_e$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88.5	20.5	64	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
4/720	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1	12.3	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
5/558	Y25G_100_100$_e$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6	0.75	1.0	0.0	82.9	−19.7	83.0	85.3	103.3	11.0	112	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
6/396	Y50G_100_100$_e$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3	16.8	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
7/234	Y75G_100_100$_e$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9	0.25	1.0	0.0	60.8	−47.8	47.8	67.6	134.9	13.5	144	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	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	0.093	52.4	−67.1	21.5	70.5	162.2	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	6.8	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	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	0.093	52.4	−67.1	21.5	70.5	162.2	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	6.8	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	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	0.46	54.6	−53.2	−9.0	53.9	189.6	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5	3.9	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	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	0.735	56.6	−39.7	−29.9	49.8	216.9	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1	17.4	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
12/44	G75B_100_100$_e$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3	18.1	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
13/8	B00M_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4	25.5	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
14/332	B25R_100_100$_e$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9	35.2	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
15/656	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	34.6	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
16/652	B75R_100_100$_e$	1.0	0.0	0.5	1.0	1.0	0.5	360	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6	24.2	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	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	0.209	47.6	64.9	30.9	71.9	25.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	10.3	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	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	0.604	71.5	32.4	15.4	35.9	25.4	1.0	0.5	0.5	69.7	25.2	25.3	35.7	45.0	12.3	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
19/706	R50Y_100_050$_e$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.674	0.5	77.9	17.8	29.5	34.4	58.8	1.0	0.75	0.5	81.6	6.5	33.0	33.6	78.8	12.4	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
20/724	Y00G_100_050$_e$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.92	0.5	89.2	−1.7	43.9	43.9	92.3	1.0	1.0	0.5	91.8	−8.4	41.3	42.2	101.5	7.5	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
21/562	Y50G_100_050$_e$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.663	1.0	0.5	80.6	−20.7	27.2	34.1	127.2	0.75	1.0	0.5	85.6	−14.8	29.6	33.1	116.5	8.1	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	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	0.546	73.9	−33.5	10.7	35.2	162.2	0.5	1.0	0.5	76.0	−24.2	18.2	30.3	142.9	12.1	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	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	0.867	76.0	−19.8	−14.9	24.9	216.9	0.5	1.0	1.0	80.2	−12.0	−18.3	21.9	236.6	9.4	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
24/368	B00R_100_050$_e$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.687	1.0	66.7	0.6	−22.7	22.7	271.7	0.5	0.5	1.0	60.0	15.5	−22.8	27.6	304.1	16.2	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
25/692	B50R_100_050$_e$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.703	0.5	1.0	65.1	24.6	−15.0	28.8	328.6	1.0	0.5	1.0	72.3	31.2	−6.6	31.9	348.0	12.8	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	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	0.604	71.5	32.4	15.4	35.9	25.4	1.0	0.5	0.5	69.7	25.2	25.3	35.7	45.0	12.3	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	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	0.354	52.1	32.4	15.4	35.9	25.4	0.75	0.25	0.25	53.0	29.2	26.0	39.1	41.6	11.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
28/524	R50Y_075_050$_e$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.424	0.25	58.4	17.8	29.5	34.4	58.8	0.75	0.5	0.25	66.3	6.8	35.2	35.9	78.9	14.6	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
29/542	Y00G_075_050$_e$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.67	0.25	69.7	−1.7	43.9	43.9	92.3	0.75	0.75	0.25	76.8	−9.0	43.9	44.8	101.6	10.1	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
30/380	Y50G_075_050$_e$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.413	0.75	0.25	61.2	−20.7	27.2	34.1	127.2	0.5	0.75	0.25	68.9	−16.8	33.8	37.8	116.4	10.9	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	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	0.296	54.5	−33.5	10.7	35.2	162.2	0.25	0.75	0.25	57.4	−29.4	20.1	35.6	145.6	10.6	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	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	0.617	56.6	−19.8	−14.9	24.9	216.9	0.25	0.75	0.75	61.9	−14.4	−21.4	25.8	236.0	9.9	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
33/186	B00R_075_050$_e$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.437	0.75	47.2	0.6	−22.7	22.7	271.7	0.25	0.25	0.75	42.5	13.8	−25.3	28.9	298.6	14.2	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
34/510	B50R_075_050$_e$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.453	0.25	0.75	45.7	24.6	−15.0	28.8	328.6	0.75	0.25	0.75	55.1	35.4	−7.4	36.2	348.1	16.2	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	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	0.354	52.1	32.4	15.4	35.9	25.4	0.75	0.25	0.25	53.0	29.2	26.0	39.1	41.6	11.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	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	0.104	32.6	32.4	15.4	35.9	25.4	0.5	0.0	0.0	34.1	34.6	23.9	42.1	34.6	8.8	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
37/342	R50Y_050_050$_e$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.174	0.0	39.0	17.8	29.5	34.4	58.8	0.5	0.25	0.0	48.0	7.3	38.6	39.3	79.2	16.5	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
38/360	Y00G_050_050$_e$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.42	0.0	50.3	−1.7	43.9	43.9	92.3	0.5	0.5	0.0	58.5	−9.2	49.7	50.6	100.5	12.5	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
39/198	Y50G_050_050$_e$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.163	0.5	0.0	41.7	−20.7	27.2	34.1	127.2	0.25	0.5	0.0	49.3	−19.6	36.6	41.5	118.1	12.1	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	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	0.046	35.0	−33.5	10.7	35.2	162.2	0.0	0.5	0.0	39.8	−35.6	20.1	40.9	150.5	10.7	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	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	0.367	37.1	−19.8	−14.9	24.9	216.9	0.0	0.5	0.5	43.8	−17.1	−23.9	29.4	234.3	11.4	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
42/4	B00R_050_050$_e$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.187	0.5	27.8	0.6	−22.7	22.7	271.7	0.0	0.0	0.5	22.3	17.0	−27.5	32.4	301.7	17.9	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
43/328	B50R_050_050$_e$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.203	0.0	0.5	26.2	24.6	−15.0	28.8	328.6	0.5	0.0	0.5	35.0	42.0	−7.8	42.7	349.4	20.7	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	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	0.104	32.6	32.4	15.4	35.9	25.4	0.5	0.0	0.0	34.1	34.6	23.9	42.1	34.6	8.8	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	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	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	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	27.4	0.0	0.0	0.0	0.0	0.125	0.125	0.125	28.0	−0.2	−0.4	0.5	238.7	0.8	360	1.0	1.0	1.0	95.4	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	37.1	0.0	0.0	0.0	0.0	0.25	0.25	0.25	42.2	−0.5	−0.7	0.9	235.1	5.2	360	1.0	1.0	1.0	95.4	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	46.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	55.0	−0.4	−0.6	0.7	234.3	8.2	360	1.0	1.0	1.0	95.4	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	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	63.4	−0.4	−0.6	0.7	235.9	6.8	360	1.0	1.0	1.0	95.4	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	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	72.2	−0.3	−0.4	0.5	236.5	5.9	360	1.0	1.0	1.0	95.4	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	76.0	0.0	0.0	0.0	0.0	0.75	0.75	0.75	80.8	−0.2	−0.4	0.5	237.4	4.8	360	1.0	1.0	1.0	95.4	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	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.7	−0.1	−0.1	0.2	234.3	4.0	360	1.0	1.0	1.0	95.4	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	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

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

TUB-test chart RE55; 1080 standard colours
colors and differences, $\Delta E^{*\prime}$

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

1−0131830−F0

n=j	HIC*Fe	rgb_Fe			ict_Fe			hsi_F,e	rgb*Fe			LabCh*Fe				
0	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0
1	B00R_012_012e	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.046	0.125	20.2	0.1	-5.6	5.6	271.7
2	B00R_025_025e	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.093	0.25	22.7	0.3	-11.3	11.3	271.7
3	B00R_037_037e	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.14	0.375	25.2	0.5	-17.0	17.0	271.7
4	B00R_050_050e	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.187	0.5	27.8	0.6	-22.7	22.7	271.7
5	B00R_062_062e	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.234	0.625	30.3	0.8	-28.3	28.4	271.7
6	B00R_075_075e	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.281	0.75	32.8	1.0	-34.0	34.0	271.7
7	B00R_087_087e	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.327	0.875	35.4	1.2	-39.7	39.7	271.7
8	B00R_100_100e	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
9	G00B_012_012e	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.011	22.0	-8.3	2.6	8.8	162.2
10	G50B_012_012e	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.091	22.5	-4.9	-3.7	6.2	216.9
11	G75B_025_025e	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.196	0.25	26.4	-5.2	-11.0	12.2	244.3
12	G84B_037_037e	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.225	0.375	28.6	-4.6	-16.7	17.3	254.3
13	G88B_050_050e	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.271	0.5	31.1	-4.3	-22.4	22.9	258.9
14	G90B_062_062e	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.317	0.625	33.5	-4.1	-28.1	28.4	261.6
15	G92B_075_075e	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.363	0.75	36.0	-3.8	-33.8	34.0	263.5
16	G93B_087_087e	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.413	0.875	38.7	-3.8	-39.5	39.7	264.4
17	G94B_100_100e	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.46	1.0	41.2	-3.6	-45.2	45.4	265.3
18	G00B_025_025e	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.023	26.3	-16.7	5.3	17.6	162.2
19	G25B_025_025e	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.115	26.9	-13.3	-2.2	13.4	189.6
20	G50B_025_025e	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.183	27.4	-9.9	-7.4	12.4	216.9
21	G65B_037_037e	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.375	0.365	32.8	-11.4	-15.9	19.5	234.3
22	G75B_050_050e	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.392	0.5	35.2	-10.5	-22.0	24.4	244.3
23	G80B_062_062e	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.411	0.625	37.1	-9.6	-27.7	29.4	250.7
24	G84B_075_075e	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.451	0.75	39.5	-9.3	-33.4	34.7	254.3
25	G86B_087_087e	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.495	0.875	41.9	-8.9	-39.2	40.2	257.1
26	G88B_100_100e	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.543	1.0	44.5	-8.7	-44.9	45.8	258.9
27	G00B_037_037e	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.034	30.7	-25.1	8.0	26.4	162.2
28	G15B_037_037e	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.133	31.3	-21.6	0.1	21.6	179.5
29	G34B_037_037e	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.21	31.8	-18.1	-6.4	19.2	199.6
30	G50B_037_037e	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.275	32.3	-14.9	-11.2	18.6	216.9
31	G61B_050_050e	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.5	0.454	37.7	-16.5	-19.5	25.6	229.7
32	G69B_062_062e	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.591	0.625	42.2	-17.1	-27.4	32.3	237.9
33	G75B_075_075e	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.588	0.75	43.9	-15.8	-33.1	36.7	244.3
34	G79B_087_087e	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.606	0.875	45.9	-14.9	-38.8	41.6	248.9
35	G81B_100_100e	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.642	1.0	48.3	-14.7	-44.4	46.8	251.6
36	G00B_050_050e	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.046	35.0	-33.5	10.7	35.2	162.2
37	G11B_050_050e	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.149	35.6	-30.1	2.6	30.2	175.0
38	G25B_050_050e	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.23	36.1	-26.6	-4.5	26.9	189.6
39	G38B_050_050e	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.303	36.7	-23.0	-10.3	25.2	204.2
40	G50B_050_050e	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.367	37.1	-19.8	-14.9	24.9	216.9
41	G59B_062_062e	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.625	0.544	42.6	-21.5	-23.1	31.6	227.0
42	G65B_075_075e	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.75	0.73	48.0	-22.8	-31.8	39.1	234.3
43	G70B_087_087e	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.78	0.875	50.9	-22.3	-38.4	44.4	239.7
44	G75B_100_100e	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.784	1.0	52.7	-21.1	-44.1	48.9	244.3
45	G00B_062_062e	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.058	39.4	-41.9	13.4	44.0	162.2
46	G09B_062_062e	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.166	40.0	-38.4	5.2	38.7	172.2
47	G19B_062_062e	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.247	40.5	-35.0	-1.9	35.1	183.2
48	G30B_062_062e	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.327	41.0	-31.3	-8.9	32.5	195.9
49	G40B_062_062e	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.396	41.5	-27.9	-14.2	31.3	206.9
50	G50B_062_062e	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.459	42.0	-24.8	-18.7	31.1	216.9
51	G57B_075_075e	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.75	0.633	47.4	-26.6	-26.8	37.8	225.1
52	G63B_087_087e	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.875	0.818	52.9	-28.0	-35.3	45.1	231.5
53	G68B_100_100e	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.973	1.0	57.7	-28.3	-43.8	52.2	237.0
54	G00B_075_075e	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.069	43.7	-50.3	16.1	52.8	162.2
55	G07B_075_075e	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.18	44.3	-46.7	7.8	47.4	170.4
56	G15B_075_075e	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.267	44.9	-43.3	0.3	43.3	179.5
57	G25B_075_075e	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.345	45.3	-39.9	-6.7	40.4	189.6
58	G34B_075_075e	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.421	45.9	-36.3	-12.9	38.5	199.6
59	G42B_075_075e	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.489	46.4	-32.9	-18.0	37.5	208.7
60	G50B_075_075e	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.551	46.9	-29.8	-22.4	37.3	216.9
61	G56B_087_087e	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.875	0.728	52.3	-31.5	-30.7	44.0	224.2
62	G61B_100_100e	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	1.0	0.909	57.7	-33.0	-39.1	51.2	229.7
63	G00B_087_087e	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.081	48.0	-58.7	18.8	61.6	162.2
64	G06B_087_087e	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.196	48.7	-55.1	10.1	56.0	169.5
65	G13B_087_087e	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.282	49.2	-51.9	2.8	51.9	176.8
66	G20B_087_087e	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.362	49.7	-48.4	-4.2	48.6	185.0
67	G29B_087_087e	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.442	50.2	-44.4	-11.2	45.8	194.1
68	G36B_087_087e	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.515	50.8	-41.1	-16.9	44.5	202.3
69	G43B_087_087e	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.579	51.3	-38.0	-21.6	43.8	209.6
70	G50B_087_087e	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.643	51.7	-34.8	-26.2	43.5	216.9
71	G55B_100_100e	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	1.0	0.819	57.2	-36.5	-34.5	50.2	223.3
72	G00B_100_100e	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.093	52.4	-67.1	21.5	70.5	162.2
73	G05B_100_100e	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.209	53.0	-63.5	12.8	64.8	168.6
74	G11B_100_100e	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.299	53.6	-60.2	5.2	60.4	175.0
75	G18B_100_100e	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.387	54.1	-56.4	-2.2	56.5	182.3
76	G25B_100_100e	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.46	54.6	-53.2	-9.0	53.9	189.6
77	G31B_100_100e	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.533	55.1	-49.6	-15.0	51.9	196.9
78	G38B_100_100e	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.607	55.6	-46.0	-20.7	50.5	204.2
79	G44B_100_100e	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.671	56.1	-43.0	-25.4	50.0	210.5
80	G50B_100_100e	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.735	56.6	-39.7	-29.9	49.8	216.9

n=j	rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
0	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1	0.0	0.0	0.125	19.1	4.0	-6.7	7.8	300.9	4.1	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
2	0.0	0.0	0.25	22.1	9.0	-14.1	16.8	302.4	9.1	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
3	0.0	0.0	0.375	22.5	13.2	-21.1	24.9	301.9	13.6	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
4	0.0	0.0	0.5	22.3	17.0	-27.5	32.4	301.7	17.9	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
5	0.0	0.0	0.625	23.3	19.4	-33.5	38.7	300.1	20.5	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
6	0.0	0.0	0.75	23.9	21.6	-38.5	44.1	299.2	22.8	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
7	0.0	0.0	0.875	24.7	23.2	-43.9	49.7	297.9	24.8	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
8	0.0	0.0	1.0	25.3	23.5	-47.3	52.8	296.4	25.5	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
9	0.0	0.125	0.0	23.2	-8.1	3.5	8.9	156.6	1.4	154	0.0	1.0	0.093	52.4	-67.1	21.5	70.5	162.2
10	0.0	0.125	0.125	23.3	-4.5	-5.9	7.4	232.2	2.3	195	0.0	1.0	0.735	56.6	-39.7	-29.9	49.8	216.9
11	0.0	0.125	0.25	28.6	-2.1	-13.2	13.4	260.9	4.4	221	0.0	0.784	1.0	52.7	-21.1	-44.1	48.9	244.3
12	0.0	0.125	0.375	29.1	2.3	-19.8	19.9	276.6	7.6	233	0.0	0.601	1.0	46.8	-12.4	-44.6	46.3	254.3
13	0.0	0.125	0.5	28.1	6.7	-26.1	27.0	284.4	12.1	237	0.0	0.543	1.0	44.5	-8.7	-44.9	45.8	258.9
14	0.0	0.125	0.625	28.6	9.8	-32.0	33.5	286.9	15.2	239	0.0	0.508	1.0	43.1	-6.5	-45.0	45.5	261.6
15	0.0	0.125	0.75	27.9	14.1	-37.5	40.1	290.6	20.1	241	0.0	0.484	1.0	42.1	-5.1	-45.1	45.4	263.5
16	0.0	0.125	0.875	28.7	16.1	-43.0	46.0	290.6	22.6	241	0.0	0.472	1.0	41.7	-4.4	-45.2	45.4	264.4
17	0.0	0.125	1.0	28.6	17.4	-46.9	50.1	290.3	24.6	242	0.0	0.46	1.0	41.2	-3.6	-45.2	45.4	265.3
18	0.0	0.25	0.0	32.0	-18.5	11.5	21.8	148.0	8.5	154	0.0	1.0	0.093	52.4	-67.1	21.5	70.5	162.2
19	0.0	0.25	0.125	33.0	-14.0	-2.7	14.2	191.2	6.1	177	0.0	1.0	0.46	54.6	-53.2	-9.0	53.9	189.6
20	0.0	0.25	0.25	34.0	-9.3	-12.6	15.7	233.6	8.4	195	0.0	1.0	0.735	56.6	-39.7	-29.9	49.8	216.9
21	0.0	0.25	0.375	36.1	-7.5	-19.3	20.7	248.7	6.1	208	0.0	1.0	0.973	58.1	-30.4	-42.4	52.2	234.3
22	0.0	0.25	0.5	35.5	-3.7	-25.3	25.6	261.5	7.5	221	0.0	0.784	1.0	52.7	-21.1	-44.1	48.9	244.3
23	0.0	0.25	0.625	34.8	0.4	-31.4	31.4	270.8	11.0	229	0.0	0.659	1.0	48.8	-15.5	-44.4	47.0	250.7
24	0.0	0.25	0.75	33.6	5.2	-36.7	37.1	278.1	16.1	233	0.0	0.601	1.0	46.8	-12.4	-44.6	46.3	254.3
25	0.0	0.25	0.875	33.8	7.9	-42.0	42.8	280.6	18.9	235	0.0	0.566	1.0	45.4	-10.2	-44.8	46.0	257.1
26	0.0	0.25	1.0	33.3	9.4	-46.0	47.0	281.6	21.4	237	0.0	0.543	1.0	44.5	-8.7	-44.9	45.8	258.9
27	0.0	0.375	0.0	36.3	-27.3	16.1	31.8	149.4	10.1	154	0.0	1.0	0.093	52.4	-67.1	21.5	70.5	162.2
28	0.0	0.375	0.125	37.1	-23.5	2.8	23.6	173.0	6.6	170	0.0	1.0	0.356	53.9	-57.8	0.4	57.8	179.5
29	0.0	0.375	0.25	38.2	-18.0	-10.2	20.7	209.4	7.4	184	0.0	1.0	0.561	55.3	-48.4	-17.2	51.3	199.6
30	0.0	0.375	0.375	39.6	-13.7	-18.8	23.3	234.0	10.6	195	0.0	1.0	0.735	56.6	-39.7	-29.9	49.8	216.9
31	0.0	0.375	0.5	40.3	-11.8	-24.6	27.3	244.3	7.4	205	0.0	1.0	0.909	57.7	-33.0	-39.1	51.2	229.7
32	0.0	0.375	0.625	40.5	-9.2	-30.3	31.7	252.9	8.5	212	0.0	0.946	1.0	57.0	-27.4	-43.8	51.7	237.9
33	0.0	0.375	0.75	39.5	-4.7	-35.9	36.3	262.5	12.3	221	0.0	0.784	1.0	52.7	-21.1	-44.1	48.9	244.3
34	0.0	0.375	0.875	38.9	-1.2	-41.3	41.4	268.2	15.5	227	0.0	0.693	1.0	49.9	-17.1	-44.3	47.5	248.9
35	0.0	0.375	1.0	37.9	1.3	-45.4	45.4	271.7	19.1	230	0.0	0.642	1.0	48.3	-14.7	-44.4	46.8	251.6
36	0.0	0.5	0.0	39.8	-35.6	20.1	40.9	150.5	10.7	154	0.0	1.0	0.093	52.4	-67.1	21.5	70.5	162.2
37	0.0	0.5	0.125	40.7	-32.1	8.4	33.2	165.3	7.9	166	0.0	1.0	0.299	53.6	-60.2	5.2	60.4	175.0
38	0.0	0.5	0.25	42.0	-26.8	-5.1	27.3	190.8	5.8	177	0.0	1.0	0.46	54.6	-53.2	-9.0	53.9	189.6
39	0.0	0.5	0.375	43.1	-21.7	-16.3	27.2	216.9	8.9	187	0.0	1.0	0.607	55.6	-46.0	-20.7	50.5	204.2
40	0.0	0.5	0.5	43.8	-17.1	-23.9	29.4	234.3	11.4	195	0.0	1.0	0.735	56.6	-39.7	-29.9	49.8	216.9
41	0.0	0.5	0.625	45.0	-15.9	-29.6	33.7	241.6	8.9	203	0.0	1.0	0.87	57.5	-34.5	-37.0	50.6	227.0
42	0.0	0.5	0.75	44.7	-12.6	-34.9	37.2	250.1	11.1	208	0.0	1.0	0.973	58.1	-30.4	-42.4	52.2	234.3
43	0.0	0.5	0.875	45.2	-10.5	-40.5	41.9	255.4	13.3	215	0.0	0.892	1.0	55.6	-25.5	-43.9	50.8	239.7
44	0.0	0.5	1.0	42.7	-6.0	-45.0	45.4	262.3	18.1	221	0.0	0.784	1.0	52.7	-21.1	-44.1	48.9	244.3
45	0.0	0.625	0.0	43.4	-43.9	23.3	49.7	152.0	10.8	154	0.0	1.0	0.093	52.4	-67.1	21.5	70.5	162.2
46	0.0	0.625	0.125	44.1	-40.4	12.6	42.3	162.5	8.7	164	0.0	1.0	0.265	53.3	-61.4	8.3	62.0	172.2
47	0.0	0.625	0.25	45.2	-35.7	-0.2	35.7	180.3	5.1	173	0.0	1.0	0.396	54.2	-56.1	-3.1	56.2	183.2
48	0.0	0.625	0.375	46.4	-30.2	-12.4	32.7	202.3	6.5	181	0.0	1.0	0.524	55.0	-50.0	-14.3	52.1	195.9
49	0.0	0.625	0.5	47.2	-25.1	-21.8	33.3	220.9	9.8	188	0.0	1.0	0.635	55.9	-44.7	-22.7	50.1	206.9
50	0.0	0.625	0.625	47.9	-20.5	-28.9	35.4	234.6	12.5	195	0.0	1.0	0.735	56.6	-39.7	-29.9	49.8	216.9
51	0.0	0.625	0.75	49.2	-19.2	-34.2	39.2	240.6	10.6	201	0.0	1.0	0.845	57.3	-35.5	-35.8	50.4	225.1
52	0.0	0.625	0.875	49.1	-16.7	-40.0	43.3	247.2	12.7	206	0.0	1.0	0.935	57.9	-32.0	-40.4	51.6	231.5
53	0.0	0.625	1.0	47.7	-13.9	-44.4	46.5	252.5	17.5	211	0.0	0.973	1.0	57.7	-28.3	-43.8	52.2	237.0
54	0.0	0.75	0.0	46.9	-51.5	25.6	57.6	153.5	10.1	154	0.0	1.0	0.093	52.4	-67.1	21.5	70.5	162.2
55	0.0	0.75	0.125	47.2	-48.8	16.3	51.5	161.5	9.1	163	0.0	1.0	0.24	53.2	-62.3	10.5	63.2	170.4
56	0.0	0.75	0.25	48.1	-44.4	4.9	44.7	173.6	5.7	170	0.0	1.0	0.356	53.9	-57.8	0.4	57.8	179.5
57	0.0	0.75	0.375	49.5	-38.6	-8.2	39.5	192.0	4.6	177	0.0	1.0	0.46	54.6	-53.2	-9.0	53.9	189.6
58	0.0	0.75	0.5	50.4	-33.0	-18.8	38.0	209.6	8.1	184	0.0	1.0	0.561	55.3	-48.4	-17.2	51.3	199.6
59	0.0	0.75	0.625	51.0	-28.0	-26.9	38.9	223.7	11.0	190	0.0	1.0	0.653	56.0	-43.9	-24.1	50.0	208.7
60	0.0	0.75	0.75	51.8	-23.5	-33.7	41.1	235.1	13.8	195	0.0	1.0	0.735	56.6	-39.7	-29.9	49.8	216.9
61	0.0	0.75	0.875	52.9	-22.3	-39.5	45.4	240.4	12.7	200	0.0	1.0	0.832	57.2	-36.0	-35.1	50.3	224.2
62	0.0	0.75	1.0	51.7	-19.7	-44.1	48.3	245.8	15.4	205	0.0	1.0	0.909	57.7	-33.0	-39.1	51.2	229.7
63	0.0	0.875	0.0	50.1	-60.9	27.7	66.9	155.4	9.4	154	0.0	1.0	0.093	52.4	-67.1	21.5	70.5	162.2
64	0.0	0.875	0.125	50.6	-57.7	17.6	60.3	162.9	8.1	162	0.0	1.0	0.224	53.1	-62.9	11.6	64.0	169.5
65	0.0	0.875	0.25	51.2	-54.4	8.4	55.0	171.2	6.4	168	0.0	1.0	0.322	53.7	-59.3	3.2	59.4	176.8
66	0.0	0.875	0.375	52.2	-48.7	-4.0	48.9	184.7	2.5	174	0.0	1.0	0.414	54.3	-55.3	-4.8	55.5	185.0
67	0.0	0.875	0.5	53.3	-42.2	-15.8	45.1	200.5	6.0	180	0.0	1.0	0.506	54.8	-50.8	-12.8	52.4	194.1
68	0.0	0.875	0.625	54.2	-36.5	-25.0	44.3	214.3	9.8	185	0.0	1.0	0.589	55.5	-47.0	-19.3	50.8	202.3
69	0.0	0.875	0.75	55.1	-31.6	-32.2	45.1	225.5	12.8	190	0.0	1.0	0.662	56.1	-43.4	-24.7	50.0	209.6
70	0.0	0.875	0.875	55.8	-26.9	-38.9	47.3	235.3	15.5	195	0.0	1.0	0.735	56.6	-39.7	-29.9	49.8	216.9
71	0.0	0.875	1.0	55.2	-25.0	-43.9	50.5	240.3	15.0	200	0.0	1.0	0.819	57.2	-36.5	-34.5	50.2	223.3
72	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157.7	6.8	154	0.0	1.0	0.093	52.4	-67.1	21.5	70.5	162.2
73	0.0	1.0	0.125	52.5	-66.4	19.3	69.1	163.7	7.1	161	0.0	1.0	0.209	53.0	-63.5	12.8	64.8	168.6
74	0.0	1.0	0.25	53.2	-61.9	9.8	62.7	170.9	4.8	166	0.0	1.0	0.299	53.6	-60.2	5.2	60.4	175.0
75	0.0	1.0	0.375	54.1	-56.9	-1.0	56.9	181.0	1.2	172	0.0	1.0	0.387	54.1	-56.4	-2.2	56.5	182.3
76	0.0	1.0	0.5	54.8	-51.0	-12.3	52.5	193.5	3.9	177	0.0	1.0	0.46	54.6	-53.2	-9.0	53.9	189.6
77	0.0	1.0	0.625	55.8	-45.1	-21.9	50.1	205.9	8.2	182	0.0	1.0	0.533	55.1	-49.6	-15.0	51.9	196.9
78	0.0	1.0	0.75	56.7	-38.9	-30.9	49.7	218.4	12.4	187	0.0	1.0	0.607	55.6	-46.0	-20.7	50.5	204.2
79	0.0	1.0	0.875	57.5	-34.3	-37.2	50.6	227.3	14.7	191	0.0	1.0	0.671	56.1	-43.0	-25.4	50.0	210.5
80	0.0	1.0	1.0	58.3	-29.2	-43.7	52.6	236.1	17.4	195	0.0	1.0	0.735	56.6	-39.7	-29.9	49.8	216.9

Mean color difference of this page: delta $E^{*\prime}$ = *11.0*

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RE550−7N, Page 20/33−F

TUB-test chart RE55; 1080 standard colours
colors and differences, $\Delta E^{*\prime}$

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

1−0131930−F0

n	HIC*Fe	rgb_Fe			ict_Fe			hsi_F,e	rgb*Fe			LabCh*Fe				
81	R00Y_012_012$_e$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.026	21.4	8.1	3.8	8.9	25.4
82	B50R_012_012$_e$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.05	0.0	0.125	19.8	6.1	−3.7	7.2	328.6
83	B25R_025_025$_e$	0.125	0.0	0.25	0.25	0.25	0.125	300	0.011	0.0	0.25	19.9	6.6	−11.4	13.2	300.1
84	B15R_037_037$_e$	0.125	0.0	0.375	0.375	0.375	0.187	289	0.0	0.05	0.375	21.9	6.3	−17.6	18.7	289.7
85	B11R_050_050$_e$	0.125	0.0	0.5	0.5	0.5	0.25	284	0.0	0.1	0.5	24.6	6.2	−23.2	24.1	285.0
86	B09R_062_062$_e$	0.125	0.0	0.625	0.625	0.625	0.312	281	0.0	0.151	0.625	27.3	6.2	−28.8	29.4	282.1
87	B07R_075_075$_e$	0.125	0.0	0.75	0.75	0.75	0.375	279	0.0	0.2	0.75	29.9	6.2	−34.5	35.0	280.2
88	B06R_087_087$_e$	0.125	0.0	0.875	0.875	0.875	0.437	278	0.0	0.244	0.875	32.3	6.6	−40.2	40.8	279.3
89	B05R_100_100$_e$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.291	1.0	34.8	6.7	−45.9	46.4	278.3
90	Y00G_012_012$_e$	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.105	0.0	25.8	−0.4	10.9	10.9	92.3
91	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0
92	B00R_025_012$_e$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.171	0.25	29.9	0.1	−5.6	5.6	271.7
93	B00R_037_025$_e$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.218	0.375	32.4	0.3	−11.3	11.3	271.7
94	B00R_050_037$_e$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.265	0.5	35.0	0.5	−17.0	17.0	271.7
95	B00R_062_050$_e$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.312	0.625	37.5	0.6	−22.7	22.7	271.7
96	B00R_075_062$_e$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.359	0.75	40.0	0.8	−28.3	28.4	271.7
97	B00R_087_075$_e$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.406	0.875	42.5	1.0	−34.0	34.0	271.7
98	B00R_100_087$_e$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.452	1.0	45.1	1.2	−39.7	39.7	271.7
99	Y50G_025_025$_e$	0.125	0.25	0.0	0.25	0.25	0.125	120	0.081	0.25	0.0	29.7	−10.3	13.6	17.0	127.2
100	G00B_025_012$_e$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.136	31.7	−8.3	2.6	8.8	162.2
101	G50B_025_025$_e$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.216	32.2	−4.9	−3.7	6.2	216.9
102	G75B_037_025$_e$	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.321	0.375	36.1	−5.2	−11.0	12.2	244.3
103	G84B_050_037$_e$	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.35	0.5	38.3	−4.6	−16.7	17.3	254.3
104	G88B_062_050$_e$	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.396	0.625	40.8	−4.3	−22.4	22.9	258.9
105	G90B_075_062$_e$	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.442	0.75	43.3	−4.1	−28.1	28.4	261.6
106	G92B_087_075$_e$	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.488	0.875	45.7	−3.8	−33.8	34.0	263.5
107	G93B_100_087$_e$	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.538	1.0	48.4	−3.8	−39.5	39.7	264.4
108	Y68G_037_037$_e$	0.125	0.375	0.0	0.375	0.375	0.187	131	0.069	0.375	0.0	33.2	−19.4	16.2	25.3	140.0
109	G00B_037_025$_e$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.148	36.1	−16.7	5.3	17.6	162.2
110	G25B_037_025$_e$	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.24	36.6	−13.3	−2.2	13.4	189.6
111	G50B_037_025$_e$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.308	37.1	−9.9	−7.4	12.4	216.9
112	G65B_050_037$_e$	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.5	0.49	42.6	−11.4	−15.9	19.5	234.3
113	G75B_062_050$_e$	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.517	0.625	44.9	−10.5	−22.0	24.4	244.3
114	G80B_075_062$_e$	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.536	0.75	46.9	−9.6	−27.7	29.4	250.7
115	G84B_087_075$_e$	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.576	0.875	49.2	−9.3	−33.4	34.7	254.3
116	G86B_100_087$_e$	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.62	1.0	51.7	−8.9	−39.2	40.2	257.1
117	Y76G_050_050$_e$	0.125	0.5	0.0	0.5	0.5	0.25	136	0.056	0.5	0.0	37.3	−28.1	19.0	34.0	145.9
118	G00B_050_037$_e$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.159	40.4	−25.1	8.0	26.4	162.2
119	G15B_050_037$_e$	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.258	41.0	−21.6	0.1	21.6	179.5
120	G34B_050_037$_e$	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.335	41.5	−18.1	−6.4	19.2	199.6
121	G50B_050_037$_e$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.4	42.0	−14.9	−11.2	18.6	216.9
122	G61B_062_050$_e$	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.625	0.579	47.4	−16.5	−19.5	25.6	229.7
123	G69B_075_062$_e$	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.716	0.75	52.0	−17.1	−27.4	32.3	237.9
124	G75B_087_075$_e$	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.713	0.875	53.7	−15.8	−33.1	36.7	244.3
125	G79B_100_087$_e$	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.731	1.0	55.6	−14.9	−38.8	41.6	248.9
126	Y81G_062_062$_e$	0.125	0.625	0.0	0.625	0.625	0.312	139	0.049	0.625	0.0	41.2	−37.5	22.2	43.6	149.4
127	G00B_062_050$_e$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.171	44.7	−33.5	10.7	35.2	162.2
128	G11B_062_050$_e$	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.274	45.3	−30.1	2.6	30.2	175.0
129	G25B_062_050$_e$	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.355	45.8	−26.6	−4.5	26.9	189.6
130	G38B_062_050$_e$	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.428	46.4	−23.0	−10.3	25.2	204.2
131	G50B_062_050$_e$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.492	46.9	−19.8	−14.9	24.9	216.9
132	G59B_075_062$_e$	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.75	0.669	52.3	−21.5	−23.1	31.6	227.0
133	G65B_087_075$_e$	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.875	0.855	57.7	−22.8	−31.8	39.1	234.3
134	G70B_100_087$_e$	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.905	1.0	60.6	−22.3	−38.4	44.4	239.7
135	Y85G_075_075$_e$	0.125	0.75	0.0	0.75	0.75	0.375	141	0.043	0.75	0.0	45.2	−46.9	25.2	53.3	151.7
136	G00B_075_062$_e$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.183	49.1	−41.9	13.4	44.0	162.2
137	G09B_075_062$_e$	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.291	49.7	−38.4	5.2	38.7	172.2
138	G19B_075_062$_e$	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.372	50.2	−35.0	−1.9	35.1	183.2
139	G30B_075_062$_e$	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.452	50.7	−31.3	−8.9	32.5	195.9
140	G40B_075_062$_e$	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.521	51.3	−27.9	−14.2	31.3	206.9
141	G50B_075_062$_e$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.584	51.7	−24.8	−18.7	31.1	216.9
142	G57B_087_075$_e$	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.875	0.758	57.1	−26.6	−26.8	37.8	225.1
143	G63B_100_087$_e$	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	1.0	0.943	62.6	−28.0	−35.3	45.1	231.5
144	Y86G_087_087$_e$	0.125	0.875	0.0	0.875	0.875	0.437	142	0.04	0.875	0.0	49.4	−55.8	28.5	62.7	152.9
145	G00B_087_075$_e$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.194	53.4	−50.3	16.1	52.8	162.2
146	G07B_087_075$_e$	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.305	54.0	−46.7	7.8	47.4	170.4
147	G15B_087_075$_e$	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.392	54.6	−43.3	0.3	43.3	179.5
148	G25B_087_075$_e$	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.47	55.1	−39.9	−6.7	40.4	189.6
149	G34B_087_075$_e$	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.546	55.6	−36.3	−12.9	38.5	199.6
150	G42B_087_075$_e$	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.614	56.1	−32.9	−18.0	37.5	208.7
151	G50B_087_075$_e$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.676	56.6	−29.8	−22.4	37.3	216.9
152	G56B_100_087$_e$	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	1.0	0.853	62.0	−31.5	−30.7	44.0	224.2
153	Y88G_100_100$_e$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.035	1.0	0.0	53.5	−65.0	31.6	72.3	154.0
154	G00B_100_087$_e$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.206	57.7	−58.7	18.8	61.6	162.2
155	G06B_100_087$_e$	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.321	58.4	−55.1	10.1	56.0	169.5
156	G13B_100_087$_e$	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.407	58.9	−51.9	2.8	51.9	176.8
157	G20B_100_087$_e$	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.487	59.4	−48.4	−4.2	48.6	185.0
158	G29B_100_087$_e$	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.567	59.9	−44.4	−11.2	45.8	194.1
159	G36B_100_087$_e$	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.64	60.5	−41.1	−16.9	44.5	202.3
160	G43B_100_087$_e$	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	1.0	0.704	61.0	−38.0	−21.6	43.8	209.6
161	G50B_100_087$_e$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	0.768	61.5	−34.8	−26.2	43.5	216.9

n	rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e
81	0.125	0.0	0.0	22.6	5.8	6.1	8.4	46.2	3.3	378
82	0.125	0.0	0.125	22.0	8.7	−2.1	9.0	346.0	3.7	293
83	0.125	0.0	0.25	26.4	15.2	−8.9	17.6	329.7	11.0	272
84	0.125	0.0	0.375	27.5	19.5	−15.7	25.0	321.2	14.5	262
85	0.125	0.0	0.5	26.6	24.0	−22.4	32.9	317.0	17.9	259
86	0.125	0.0	0.625	27.1	26.6	−28.7	39.1	312.7	20.4	256
87	0.125	0.0	0.75	27.8	28.8	−33.9	44.5	310.3	22.7	255
88	0.125	0.0	0.875	28.8	31.4	−38.8	49.9	308.9	25.0	254
89	0.125	0.0	1.0	29.3	31.8	−42.6	53.1	306.7	25.8	253
90	0.125	0.125	0.0	27.7	−3.1	9.7	10.2	108.1	3.5	81
91	0.125	0.125	0.125	28.0	−0.2	−0.4	0.5	238.7	0.8	360
92	0.125	0.125	0.25	31.9	3.7	−8.7	9.5	293.2	5.1	248
93	0.125	0.125	0.375	33.8	7.7	−14.6	16.5	297.7	8.1	248
94	0.125	0.125	0.5	33.1	12.1	−20.7	24.0	300.3	12.3	248
95	0.125	0.125	0.625	33.6	15.2	−26.4	30.5	300.0	15.5	248
96	0.125	0.125	0.75	33.2	18.6	−32.3	37.3	300.0	19.4	248
97	0.125	0.125	0.875	33.9	22.1	−37.4	43.4	300.6	23.0	248
98	0.125	0.125	1.0	33.6	23.8	−41.7	48.0	299.7	25.4	248
99	0.125	0.25	0.0	36.5	−10.7	18.4	21.4	120.2	8.4	131
100	0.125	0.25	0.125	35.6	−9.7	5.4	11.1	150.9	4.9	154
101	0.125	0.25	0.25	36.7	−5.3	−7.4	9.1	234.0	5.7	195
102	0.125	0.25	0.375	39.3	−2.0	−12.9	13.0	260.8	4.9	221
103	0.125	0.25	0.5	39.5	1.7	−18.7	18.8	275.2	6.8	233
104	0.125	0.25	0.625	39.5	5.3	−24.6	25.2	282.3	10.0	237
105	0.125	0.25	0.75	38.4	9.8	−30.8	32.3	287.7	15.0	239
106	0.125	0.25	0.875	38.5	13.3	−36.3	38.7	290.1	18.8	241
107	0.125	0.25	1.0	38.1	15.5	−40.4	43.3	291.1	22.0	241
108	0.125	0.375	0.0	40.7	−19.0	23.7	30.4	128.6	10.6	140
109	0.125	0.375	0.125	40.8	−17.0	11.0	20.3	147.1	7.4	154
110	0.125	0.375	0.25	42.3	−12.9	−2.3	13.1	190.4	5.6	177
111	0.125	0.375	0.375	43.5	−8.9	−12.3	15.2	234.2	8.0	195
112	0.125	0.375	0.5	44.7	−6.8	−17.9	19.2	249.0	5.4	208
113	0.125	0.375	0.625	45.3	−3.6	−23.6	23.9	261.3	7.1	221
114	0.125	0.375	0.75	43.6	1.1	−29.7	29.7	272.2	11.5	229
115	0.125	0.375	0.875	44.6	4.0	−34.9	35.1	276.6	14.2	233
116	0.125	0.375	1.0	42.3	8.4	−39.6	40.5	281.9	19.7	235
117	0.125	0.5	0.0	44.2	−26.4	27.6	38.2	133.7	11.1	144
118	0.125	0.5	0.125	44.8	−24.5	15.9	29.2	147.0	9.0	154
119	0.125	0.5	0.25	45.9	−20.4	2.8	20.6	171.9	5.7	170
120	0.125	0.5	0.375	47.7	−16.0	−9.1	18.4	209.5	7.0	184
121	0.125	0.5	0.5	47.9	−12.3	−17.4	21.3	234.7	8.9	195
122	0.125	0.5	0.625	49.8	−10.6	−22.8	25.2	244.9	7.1	205
123	0.125	0.5	0.75	49.1	−7.9	−28.6	29.7	254.4	9.6	212
124	0.125	0.5	0.875	49.6	−4.4	−34.1	34.4	262.5	12.1	221
125	0.125	0.5	1.0	47.2	0.5	−38.8	38.8	270.8	17.6	227
126	0.125	0.625	0.0	48.1	−34.1	31.3	46.3	137.3	11.9	145
127	0.125	0.625	0.125	48.8	−31.7	20.0	37.5	147.6	10.3	154
128	0.125	0.625	0.25	49.9	−28.4	8.0	29.5	164.2	7.2	166
129	0.125	0.625	0.375	51.1	−23.9	−4.0	24.3	189.6	5.9	177
130	0.125	0.625	0.5	52.0	−19.4	−14.8	24.4	217.4	8.0	187
131	0.125	0.625	0.625	52.7	−15.6	−22.4	27.3	235.1	10.4	195
132	0.125	0.625	0.75	54.2	−14.2	−27.8	31.2	242.9	8.9	203
133	0.125	0.625	0.875	54.6	−11.0	−33.1	34.9	251.5	12.2	208
134	0.125	0.625	1.0	53.1	−8.0	−37.9	38.8	257.9	16.1	215
135	0.125	0.75	0.0	51.5	−41.2	34.0	53.4	140.4	12.2	147
136	0.125	0.75	0.125	52.3	−38.6	23.5	45.2	148.6	11.1	154
137	0.125	0.75	0.25	53.2	−35.7	13.1	38.0	159.8	9.0	164
138	0.125	0.75	0.375	54.5	−31.7	1.0	31.8	178.1	6.1	173
139	0.125	0.75	0.5	55.6	−26.4	−11.5	28.8	203.5	7.3	181
140	0.125	0.75	0.625	56.1	−22.5	−19.9	30.1	221.4	9.2	188
141	0.125	0.75	0.75	57.0	−18.6	−27.3	33.0	235.7	11.9	195
142	0.125	0.75	0.875	58.7	−17.2	−32.7	37.0	242.2	11.2	201
143	0.125	0.75	1.0	57.3	−13.9	−37.3	39.8	249.5	15.2	206
144	0.125	0.875	0.0	55.4	−48.7	37.2	61.3	142.6	12.7	147
145	0.125	0.875	0.125	56.3	−46.0	27.2	53.5	149.4	12.2	154
146	0.125	0.875	0.25	56.9	−43.7	17.5	47.1	158.0	10.5	163
147	0.125	0.875	0.375	58.0	−39.5	5.4	39.9	172.2	7.2	170
148	0.125	0.875	0.5	58.7	−35.0	−6.9	35.7	191.1	6.0	177
149	0.125	0.875	0.625	60.0	−29.9	−17.0	34.4	209.7	8.7	184
150	0.125	0.875	0.75	60.8	−25.5	−25.6	36.1	225.1	11.5	190
151	0.125	0.875	0.875	61.6	−21.6	−32.3	38.9	236.2	13.8	195
152	0.125	0.875	1.0	61.1	−19.5	−37.2	42.1	242.3	13.6	200
153	0.125	1.0	0.0	57.4	−54.9	38.9	67.3	144.6	13.0	148
154	0.125	1.0	0.125	58.3	−52.3	29.4	60.0	150.6	12.3	154
155	0.125	1.0	0.25	58.7	−49.8	19.3	53.4	158.8	10.5	162
156	0.125	1.0	0.375	59.7	−46.5	9.6	47.4	168.3	8.6	168
157	0.125	1.0	0.5	60.4	−42.2	−1.8	42.3	182.5	6.6	174
158	0.125	1.0	0.625	61.4	−37.1	−13.0	39.3	199.3	7.7	180
159	0.125	1.0	0.75	62.5	−32.0	−22.8	39.3	215.4	10.9	185
160	0.125	1.0	0.875	63.4	−27.9	−29.7	40.8	226.7	13.1	190
161	0.125	1.0	1.0	64.1	−23.7	−36.5	43.5	237.0	15.3	195

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

n	rgb*Me			LabCh*Me				
81	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
82	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
83	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
84	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
85	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
86	0.0	0.242	1.0	33.0	9.9	−46.1	47.1	282.1
87	0.0	0.267	1.0	33.9	8.3	−46.0	46.7	280.2
88	0.0	0.279	1.0	34.4	7.5	−46.0	46.6	279.3
89	0.0	0.291	1.0	34.8	6.7	−45.9	46.4	278.3
90	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
91	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
92	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
93	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
94	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
95	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
96	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
97	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
98	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
99	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
100	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
101	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
102	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
103	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
104	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258.9
105	0.0	0.508	1.0	43.1	−6.5	−45.0	45.5	261.6
106	0.0	0.484	1.0	42.1	−5.1	−45.1	45.4	263.5
107	0.0	0.472	1.0	41.7	−4.4	−45.2	45.4	264.4
108	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
109	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
110	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
111	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
112	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
113	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
114	0.0	0.659	1.0	48.8	−15.5	−44.4	47.0	250.7
115	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
116	0.0	0.566	1.0	45.4	−10.2	−44.8	46.0	257.1
117	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
118	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
119	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
120	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
121	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
122	0.0	1.0	0.909	57.7	−33.0	−39.1	51.2	229.7
123	0.0	0.946	1.0	57.0	−27.4	−43.8	51.7	237.9
124	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
125	0.0	0.693	1.0	49.9	−17.1	−44.3	47.5	248.9
126	0.079	1.0	0.0	55.4	−60.1	35.5	69.8	149.4
127	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
128	0.0	1.0	0.299	53.6	−60.2	5.2	60.4	175.0
129	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
130	0.0	1.0	0.607	55.6	−46.0	−20.7	50.5	204.2
131	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
132	0.0	1.0	0.87	57.5	−34.5	−37.0	50.6	227.0
133	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
134	0.0	0.892	1.0	55.6	−25.5	−43.9	50.8	239.7
135	0.057	1.0	0.0	54.4	−62.6	33.6	71.1	151.7
136	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
137	0.0	1.0	0.265	53.3	−61.4	8.3	62.0	172.2
138	0.0	1.0	0.396	54.2	−56.1	−3.1	56.2	183.2
139	0.0	1.0	0.524	55.0	−50.0	−14.3	52.1	195.9
140	0.0	1.0	0.635	55.9	−44.7	−22.7	50.1	206.9
141	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
142	0.0	1.0	0.845	57.3	−35.5	−35.8	50.4	225.1
143	0.0	1.0	0.935	57.9	−32.0	−40.4	51.6	231.5
144	0.046	1.0	0.0	53.9	−63.8	32.6	71.7	152.9
145	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
146	0.0	1.0	0.24	53.2	−62.3	10.5	63.2	170.4
147	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
148	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
149	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
150	0.0	1.0	0.653	56.0	−43.9	−24.1	50.0	208.7
151	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
152	0.0	1.0	0.832	57.2	−36.0	−35.1	50.3	224.2
153	0.035	1.0	0.0	53.5	−65.0	31.6	72.3	154.0
154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
155	0.0	1.0	0.224	53.1	−62.9	11.6	64.0	169.5
156	0.0	1.0	0.322	53.7	−59.3	3.2	59.4	176.8
157	0.0	1.0	0.414	54.3	−55.3	−4.8	55.5	185.0
158	0.0	1.0	0.506	54.8	−50.8	−12.8	52.4	194.1
159	0.0	1.0	0.589	55.5	−47.0	−19.3	50.8	202.3
160	0.0	1.0	0.662	56.1	−43.4	−24.7	50.0	209.6
161	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

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RE550−7N, Page 21/33−F

TUB-test chart RE55; 1080 standard colours
colors and differences, $\Delta E^{*\prime}$

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

TUB registration: 20150701-RE55/RE55L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation cmyn6 (CMYK)

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

http://130.149.60.45/~farbmetrik/RE55/RE55L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 22/33

n	HIC*Fe	rgb_Fe			ict_Fe			hsi_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	0.052	25.1	16.2	7.7	17.9	25.4
163	R00Y_025_025$_e$	0.25	0.0	0.125	0.25	0.25	0.125	360	0.237	0.0	0.25	25.1	17.8	−2.4	18.0	352.0
164	B50R_025_025$_e$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.101	0.0	0.25	21.9	12.3	−7.5	14.4	328.6
165	B34R_037_037$_e$	0.25	0.0	0.375	0.375	0.375	0.187	311	0.076	0.0	0.375	22.6	13.0	−15.1	19.9	310.5
166	B25R_050_050$_e$	0.25	0.0	0.5	0.5	0.5	0.25	300	0.022	0.0	0.5	22.2	13.3	−22.9	26.4	300.1
167	B19R_062_062$_e$	0.25	0.0	0.625	0.625	0.625	0.312	293	0.0	0.037	0.625	23.4	12.8	−29.5	32.2	293.5
168	B15R_075_075$_e$	0.25	0.0	0.75	0.75	0.75	0.375	289	0.0	0.1	0.75	26.1	12.6	−35.2	37.4	289.7
169	B13R_087_087$_e$	0.25	0.0	0.875	0.875	0.875	0.437	286	0.0	0.152	0.875	28.8	12.4	−40.9	42.7	286.9
170	B11R_100_100$_e$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
171	R50Y_025_025$_e$	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.087	0.0	28.3	8.9	14.7	17.2	58.8
172	R00Y_025_012$_e$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.151	31.1	8.1	3.8	8.9	25.4
173	B50R_025_012$_e$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.175	0.124	0.25	29.5	6.1	−3.7	7.2	328.6
174	B25R_037_025$_e$	0.25	0.125	0.375	0.375	0.25	0.25	300	0.136	0.124	0.375	29.6	6.6	−11.4	13.2	300.1
175	B15R_050_037$_e$	0.25	0.125	0.5	0.5	0.375	0.312	289	0.124	0.175	0.5	31.6	6.3	−17.6	18.7	289.7
176	B11R_062_050$_e$	0.25	0.125	0.625	0.625	0.5	0.375	284	0.125	0.225	0.625	34.3	6.2	−23.2	24.1	285.0
177	B09R_075_062$_e$	0.25	0.125	0.75	0.75	0.625	0.437	281	0.125	0.276	0.75	37.0	6.2	−28.8	29.4	282.1
178	B07R_087_075$_e$	0.25	0.125	0.875	0.875	0.75	0.5	279	0.125	0.325	0.875	39.6	6.2	−34.5	35.0	280.2
179	B06R_100_087$_e$	0.25	0.125	1.0	1.0	0.875	0.562	278	0.125	0.369	1.0	42.0	6.6	−40.2	40.8	279.3
180	Y00G_025_025$_e$	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.21	0.0	34.0	−0.8	21.9	21.9	92.3
181	Y00G_025_012$_e$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.23	0.124	35.5	−0.4	10.9	10.9	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	37.1	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	39.6	0.1	−5.6	5.6	271.7
184	B00R_050_025$_e$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.343	0.5	42.2	0.3	−11.3	11.3	271.7
185	B00R_062_037$_e$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.39	0.625	44.7	0.5	−17.0	17.0	271.7
186	B00R_075_050$_e$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.437	0.75	47.2	0.6	−22.7	22.7	271.7
187	B00R_087_062$_e$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.484	0.875	49.7	0.8	−28.3	28.4	271.7
188	B00R_100_075$_e$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.531	1.0	52.3	1.0	−34.0	34.0	271.7
189	Y31G_037_037$_e$	0.25	0.375	0.0	0.375	0.375	0.187	109	0.193	0.375	0.0	38.5	−11.5	25.2	27.7	114.4
190	Y50G_037_025$_e$	0.25	0.375	0.125	0.375	0.25	0.25	120	0.206	0.375	0.124	39.4	−10.3	13.6	17.0	127.2
191	G00B_037_012$_e$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.261	41.4	−8.3	2.6	8.8	162.2
192	G50B_037_012$_e$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.341	42.0	−4.9	−3.7	6.2	216.9
193	G75B_050_025$_e$	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.446	0.5	45.9	−5.2	−11.0	12.2	244.3
194	G84B_062_037$_e$	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.475	0.625	48.0	−4.6	−16.7	17.3	254.3
195	G88B_075_050$_e$	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.521	0.75	50.5	−4.3	−22.4	22.9	258.9
196	G90B_087_062$_e$	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.567	0.875	53.0	−4.1	−28.1	28.4	261.6
197	G92B_100_075$_e$	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.613	1.0	55.5	−3.8	−33.8	34.0	263.5
198	Y50G_050_050$_e$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.163	0.5	0.0	41.7	−20.7	27.2	34.1	127.2
199	Y68G_050_037$_e$	0.25	0.5	0.125	0.5	0.375	0.312	131	0.194	0.5	0.124	42.9	−19.4	16.2	25.3	140.0
200	G00B_050_025$_e$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.273	45.8	−16.7	5.3	17.6	162.2
201	G25B_050_025$_e$	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.365	46.3	−13.3	−2.2	13.4	189.6
202	G50B_050_025$_e$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.433	46.8	−9.9	−7.4	12.4	216.9
203	G65B_062_037$_e$	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.625	0.615	52.3	−11.4	−15.9	19.5	234.3
204	G75B_075_050$_e$	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.642	0.75	54.6	−10.5	−22.0	24.4	244.3
205	G80B_087_062$_e$	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.661	0.875	56.6	−9.6	−27.7	29.4	250.7
206	G84B_100_075$_e$	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.701	1.0	59.0	−9.3	−33.4	34.7	254.3
207	Y61G_062_062$_e$	0.25	0.625	0.0	0.625	0.625	0.312	127	0.152	0.625	0.0	44.5	−30.1	29.6	42.2	135.4
208	Y76G_062_050$_e$	0.25	0.625	0.125	0.625	0.5	0.375	136	0.181	0.625	0.125	47.0	−28.1	19.0	34.0	145.9
209	G00B_062_037$_e$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.284	50.1	−25.1	8.0	26.4	162.2
210	G15B_062_037$_e$	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.383	50.7	−21.6	0.1	21.6	179.5
211	G34B_062_037$_e$	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.46	51.2	−18.1	−6.4	19.2	199.6
212	G50B_062_037$_e$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.525	51.7	−14.9	−11.2	18.6	216.9
213	G61B_075_050$_e$	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.75	0.704	57.1	−16.5	−19.5	25.6	229.7
214	G69B_087_062$_e$	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.841	0.875	61.7	−17.1	−27.4	32.3	237.9
215	G75B_100_075$_e$	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.838	1.0	63.4	−15.8	−33.1	36.7	244.3
216	Y68G_075_075$_e$	0.25	0.75	0.0	0.75	0.75	0.375	131	0.138	0.75	0.0	48.7	−38.8	32.4	50.6	140.0
217	Y81G_075_062$_e$	0.25	0.75	0.125	0.75	0.625	0.437	139	0.174	0.75	0.125	51.0	−37.5	22.2	43.6	149.4
218	G00B_075_050$_e$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.296	54.5	−33.5	10.7	35.2	162.2
219	G11B_075_050$_e$	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.399	55.1	−30.1	2.6	30.2	175.0
220	G25B_075_050$_e$	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.48	55.6	−26.6	−4.5	26.9	189.6
221	G38B_075_050$_e$	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.553	56.1	−23.0	−10.3	25.2	204.2
222	G50B_075_050$_e$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.617	56.6	−19.8	−14.9	24.9	216.9
223	G59B_087_062$_e$	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.875	0.794	62.0	−21.5	−23.1	31.6	227.0
224	G65B_100_075$_e$	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	1.0	0.98	67.5	−22.8	−31.8	39.1	234.3
225	Y73G_087_087$_e$	0.25	0.875	0.0	0.875	0.875	0.437	134	0.121	0.875	0.0	52.7	−47.4	35.0	58.9	143.5
226	Y85G_087_075$_e$	0.25	0.875	0.125	0.875	0.75	0.5	141	0.168	0.875	0.125	55.0	−46.9	25.2	53.3	151.7
227	G00B_087_062$_e$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.308	58.8	−41.9	13.4	44.0	162.2
228	G09B_087_062$_e$	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.416	59.4	−38.4	5.2	38.7	172.2
229	G19B_087_062$_e$	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.497	59.9	−35.0	−1.9	35.1	183.2
230	G30B_087_062$_e$	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.577	60.4	−31.3	−8.9	32.5	195.9
231	G40B_087_062$_e$	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.646	61.0	−27.9	−14.2	31.3	206.9
232	G50B_087_062$_e$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.709	61.4	−24.8	−18.7	31.1	216.9
233	G57B_100_075$_e$	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	1.0	0.883	66.9	−26.6	−26.8	37.8	225.1
234	Y76G_100_100$_e$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
235	Y86G_100_087$_e$	0.25	1.0	0.125	1.0	0.875	0.562	142	0.165	1.0	0.125	59.1	−55.8	28.5	62.7	152.9
236	G00B_100_075$_e$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.319	63.1	−50.3	16.1	52.8	162.2
237	G07B_100_075$_e$	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.43	63.8	−46.7	7.8	47.4	170.4
238	G15B_100_075$_e$	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.517	64.3	−43.3	0.3	43.3	179.5
239	G25B_100_075$_e$	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.595	64.8	−39.9	−6.7	40.4	189.6
240	G34B_100_075$_e$	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.671	65.3	−36.3	−12.9	38.5	199.6
241	G42B_100_075$_e$	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.739	65.9	−32.9	−18.0	37.5	208.7
242	G50B_100_075$_e$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	0.801	66.3	−29.8	−22.4	37.3	216.9

n	rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e
162	0.25	0.0	0.0	27.4	14.4	14.1	20.2	44.2	6.9	378
163	0.25	0.0	0.125	27.6	17.1	3.2	17.4	10.9	6.3	327
164	0.25	0.0	0.25	28.1	20.0	−4.9	20.6	346.0	10.2	293
165	0.25	0.0	0.375	30.1	25.7	−10.1	27.6	338.4	15.6	281
166	0.25	0.0	0.5	29.6	29.4	−16.7	33.9	330.3	18.8	272
167	0.25	0.0	0.625	30.1	32.3	−23.1	39.7	324.4	21.5	266
168	0.25	0.0	0.75	30.6	34.2	−29.0	44.9	319.7	22.9	262
169	0.25	0.0	0.875	31.4	36.1	−34.7	50.1	316.1	24.6	260
170	0.25	0.0	1.0	31.5	36.2	−39.2	53.4	312.7	24.8	259
171	0.25	0.125	0.0	35.0	2.2	20.1	20.2	83.7	10.9	50
172	0.25	0.125	0.125	34.1	6.3	8.7	10.7	53.9	5.9	378
173	0.25	0.125	0.25	34.6	9.7	−3.3	10.3	341.2	6.2	293
174	0.25	0.125	0.375	37.4	13.3	−9.0	16.1	325.8	10.5	272
175	0.25	0.125	0.5	36.0	16.9	−15.5	23.0	317.4	11.6	262
176	0.25	0.125	0.625	36.7	19.9	−21.4	29.2	313.0	14.0	259
177	0.25	0.125	0.75	36.1	23.1	−27.1	35.7	310.4	17.0	256
178	0.25	0.125	0.875	36.5	26.2	−33.4	42.5	308.1	20.2	255
179	0.25	0.125	1.0	35.8	28.1	−38.5	47.7	306.1	22.4	254
180	0.25	0.25	0.0	39.7	−6.0	24.4	25.1	103.8	8.0	81
181	0.25	0.25	0.125	40.6	−3.9	12.7	13.3	107.2	6.4	81
182	0.25	0.25	0.25	42.2	−0.5	−0.7	0.9	235.1	5.2	360
183	0.25	0.25	0.375	43.4	2.9	−7.7	8.3	291.0	5.1	248
184	0.25	0.25	0.5	42.9	6.3	−13.9	15.3	294.3	6.5	248
185	0.25	0.25	0.625	43.4	9.9	−19.3	21.7	297.1	9.7	248
186	0.25	0.25	0.75	42.5	13.8	−25.3	28.9	298.6	14.2	248
187	0.25	0.25	0.875	41.9	17.3	−31.7	36.2	298.7	18.6	248
188	0.25	0.25	1.0	41.0	19.6	−36.5	41.4	298.1	21.8	248
189	0.25	0.375	0.0	46.0	−12.2	31.8	34.0	111.0	9.9	118
190	0.25	0.375	0.125	46.4	−10.8	18.5	21.5	120.3	8.5	131
191	0.25	0.375	0.25	47.1	−8.2	5.0	9.6	148.4	6.1	154
192	0.25	0.375	0.375	48.9	−4.6	−6.4	7.9	234.4	7.4	195
193	0.25	0.375	0.5	49.0	−2.0	−12.5	12.7	260.8	4.7	221
194	0.25	0.375	0.625	48.8	1.3	−18.3	18.4	274.2	6.3	233
195	0.25	0.375	0.75	47.9	5.5	−24.3	24.9	282.8	10.4	237
196	0.25	0.375	0.875	47.6	8.6	−30.2	31.4	285.9	13.9	239
197	0.25	0.375	1.0	45.1	12.4	−35.9	38.0	289.1	19.4	241
198	0.25	0.5	0.0	49.3	−19.6	36.6	41.5	118.1	12.1	131
199	0.25	0.5	0.125	49.2	−18.5	23.1	29.6	128.7	9.3	140
200	0.25	0.5	0.25	50.7	−15.5	10.3	18.6	146.4	7.0	154
201	0.25	0.5	0.375	52.2	−11.8	−1.8	12.0	188.6	6.0	177
202	0.25	0.5	0.5	53.2	−8.3	−11.6	14.3	234.5	7.8	195
203	0.25	0.5	0.625	54.4	−6.0	−17.1	18.2	250.5	5.8	208
204	0.25	0.5	0.75	53.6	−2.7	−23.0	23.2	263.1	7.9	221
205	0.25	0.5	0.875	52.8	0.9	−29.3	29.3	271.7	11.3	229
206	0.25	0.5	1.0	50.2	5.3	−34.6	35.0	278.7	17.1	233
207	0.25	0.625	0.0	53.0	−26.9	40.4	48.5	123.6	14.0	136
208	0.25	0.625	0.125	53.0	−25.5	28.1	37.9	132.1	11.2	144
209	0.25	0.625	0.25	54.5	−22.5	15.2	27.2	145.9	8.8	154
210	0.25	0.625	0.375	56.0	−19.1	3.7	19.4	168.7	6.9	170
211	0.25	0.625	0.5	57.0	−15.1	−8.1	17.1	208.2	6.7	184
212	0.25	0.625	0.625	57.9	−11.4	−16.5	20.1	235.2	8.8	195
213	0.25	0.625	0.75	58.5	−9.6	−22.1	24.1	246.5	7.5	205
214	0.25	0.625	0.875	58.5	−6.3	−27.9	28.6	257.1	11.2	212
215	0.25	0.625	1.0	55.9	−3.4	−33.7	33.9	264.1	14.5	221
216	0.25	0.75	0.0	55.8	−33.9	43.1	54.9	128.1	13.7	140
217	0.25	0.75	0.125	56.3	−32.3	31.6	45.2	135.5	12.0	145
218	0.25	0.75	0.25	57.4	−29.4	20.1	35.6	145.6	10.6	154
219	0.25	0.75	0.375	58.8	−26.2	8.7	27.7	161.5	8.1	166
220	0.25	0.75	0.5	59.7	−22.4	−3.3	22.6	188.5	6.0	177
221	0.25	0.75	0.625	60.8	−18.2	−13.3	22.6	216.0	7.3	187
222	0.25	0.75	0.75	61.9	−14.4	−21.4	25.8	236.0	9.9	195
223	0.25	0.75	0.875	63.0	−13.2	−27.5	30.5	244.3	9.4	203
224	0.25	0.75	1.0	60.7	−9.6	−32.8	34.2	253.6	14.8	208
225	0.25	0.875	0.0	59.0	−41.7	45.6	61.8	132.4	13.6	142
226	0.25	0.875	0.125	59.7	−39.8	35.0	53.0	138.6	13.0	147
227	0.25	0.875	0.25	61.2	−36.6	24.8	44.2	145.8	12.8	154
228	0.25	0.875	0.375	62.2	−33.7	13.3	36.3	158.3	9.7	164
229	0.25	0.875	0.5	63.3	−29.9	1.3	30.0	177.4	6.9	173
230	0.25	0.875	0.625	64.1	−25.6	−10.2	27.6	201.8	6.9	181
231	0.25	0.875	0.75	65.2	−21.6	−19.1	28.8	221.5	9.0	188
232	0.25	0.875	0.875	66.0	−17.8	−26.8	32.2	236.4	11.7	195
233	0.25	0.875	1.0	65.2	−15.9	−32.2	36.0	243.6	12.1	201
234	0.25	1.0	0.0	60.8	−47.8	47.8	67.6	134.9	13.5	144
235	0.25	1.0	0.125	61.9	−45.5	38.0	59.3	140.0	14.3	147
236	0.25	1.0	0.25	62.9	−43.1	27.5	51.2	147.4	13.5	154
237	0.25	1.0	0.375	63.8	−40.3	17.6	44.0	156.3	11.6	163
238	0.25	1.0	0.5	64.5	−37.2	6.3	37.7	170.3	8.6	170
239	0.25	1.0	0.625	65.9	−32.6	−5.2	33.1	189.1	7.4	177
240	0.25	1.0	0.75	67.0	−28.1	−15.8	32.3	209.4	8.8	184
241	0.25	1.0	0.875	67.6	−24.4	−24.2	34.4	224.8	10.6	190
242	0.25	1.0	1.0	68.5	−20.3	−31.3	37.3	236.9	13.1	195

Mean color difference of this page: **delta *E**' = *11.3***

n	rgb*Me			LabCh*Me				
162	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
163	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
164	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
165	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
166	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
167	0.0	0.059	1.0	26.8	20.5	−47.2	51.5	293.5
168	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
169	0.0	0.174	1.0	30.4	14.2	−46.7	48.8	286.9
170	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
171	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
172	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
173	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
174	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
175	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
176	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
177	0.0	0.242	1.0	33.0	9.9	−46.1	47.1	282.1
178	0.0	0.267	1.0	33.9	8.3	−46.0	46.7	280.2
179	0.0	0.279	1.0	34.4	7.5	−46.0	46.6	279.3
180	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
181	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
182	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
183	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
184	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
185	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
186	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
187	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
188	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
189	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
190	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
191	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
192	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
193	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
194	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
195	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258.9
196	0.0	0.508	1.0	43.1	−6.5	−45.0	45.5	261.6
197	0.0	0.484	1.0	42.1	−5.1	−45.1	45.4	263.5
198	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
199	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
200	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
201	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
202	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
203	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
204	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
205	0.0	0.659	1.0	48.8	−15.5	−44.4	47.0	250.7
206	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
207	0.243	1.0	0.0	60.7	−48.1	47.4	67.6	135.4
208	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
209	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
210	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
211	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
212	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
213	0.0	1.0	0.909	57.7	−33.0	−39.1	51.2	229.7
214	0.0	0.946	1.0	57.0	−27.4	−43.8	51.7	237.9
215	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
216	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
217	0.079	1.0	0.0	55.4	−60.1	35.5	69.8	149.4
218	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
219	0.0	1.0	0.299	53.6	−60.2	5.2	60.4	175.0
220	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
221	0.0	1.0	0.607	55.6	−46.0	−20.7	50.5	204.2
222	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
223	0.0	1.0	0.87	57.5	−34.5	−37.0	50.6	227.0
224	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
225	0.139	1.0	0.0	57.8	−54.2	40.0	67.3	143.5
226	0.057	1.0	0.0	54.4	−62.6	33.6	71.1	151.7
227	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
228	0.0	1.0	0.265	53.3	−61.4	8.3	62.0	172.2
229	0.0	1.0	0.396	54.2	−56.1	−3.1	56.2	183.2
230	0.0	1.0	0.524	55.0	−50.0	−14.3	52.1	195.9
231	0.0	1.0	0.635	55.9	−44.7	−22.7	50.1	206.9
232	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
233	0.0	1.0	0.845	57.3	−35.5	−35.8	50.4	225.1
234	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
235	0.046	1.0	0.0	53.9	−63.8	32.6	71.7	152.9
236	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
237	0.0	1.0	0.24	53.2	−62.3	10.5	63.2	170.4
238	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
239	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
240	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
241	0.0	1.0	0.653	56.0	−43.9	−24.1	50.0	208.7
242	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

1−0132130−F0 RE550−7N, Page 22/33−F

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

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

http://130.149.60.45/~farbmetrik/RE55/RE55L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 23/33

n	HIC*Fe	rgb_Fe			ict_Fe			$h_{si\_F,e}$	rgb*Fe			LabCh*Fe				
243	R00Y_037_037e	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.078	28.9	24.3	11.6	26.9	25.4
244	R18Y_037_037e	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.247	29.0	26.0	1.9	26.1	4.3
245	B65R_037_037e	0.375	0.0	0.25	0.375	0.375	0.187	349	0.277	0.0	0.375	27.1	24.5	−5.8	25.2	346.6
246	B50R_037_037e	0.375	0.0	0.375	0.375	0.375	0.187	330	0.152	0.0	0.375	24.1	18.4	−11.2	21.6	328.6
247	B38R_050_050e	0.375	0.0	0.5	0.5	0.5	0.25	316	0.136	0.0	0.5	24.8	19.2	−19.0	27.0	315.3
248	B30R_062_062e	0.375	0.0	0.625	0.625	0.625	0.312	307	0.078	0.0	0.625	24.9	19.9	−26.6	33.2	306.8
249	B25R_075_075e	0.375	0.0	0.75	0.75	0.75	0.375	300	0.034	0.0	0.75	24.5	19.9	−34.3	39.7	300.1
250	B20R_087_087e	0.375	0.0	0.875	0.875	0.875	0.437	295	0.0	0.017	0.875	24.8	19.7	−41.4	45.8	295.4
251	B18R_100_100e	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.078	1.0	27.4	19.6	−47.2	51.1	292.5
252	R31Y_037_037e	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.077	0.0	31.4	18.0	19.1	26.3	46.6
253	R00Y_037_025e	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.177	34.9	16.2	7.7	17.9	25.4
254	R00Y_037_025e	0.375	0.125	0.25	0.375	0.25	0.25	360	0.362	0.124	0.375	34.8	17.8	−2.4	18.0	352.0
255	B50R_037_025e	0.375	0.125	0.375	0.375	0.25	0.25	330	0.226	0.124	0.375	31.7	12.3	−7.5	14.4	328.6
256	B34R_050_037e	0.375	0.125	0.5	0.5	0.375	0.312	311	0.201	0.124	0.5	32.3	13.0	−15.1	19.9	310.5
257	B25R_062_050e	0.375	0.125	0.625	0.625	0.5	0.375	300	0.147	0.125	0.625	31.9	13.3	−22.9	26.4	300.1
258	B19R_075_062e	0.375	0.125	0.75	0.75	0.625	0.437	293	0.125	0.162	0.75	33.1	12.8	−29.5	32.2	293.5
259	B15R_087_075e	0.375	0.125	0.875	0.875	0.75	0.5	289	0.125	0.225	0.875	35.8	12.6	−35.2	37.4	289.7
260	B13R_100_087e	0.375	0.125	1.0	1.0	0.875	0.562	286	0.125	0.277	1.0	38.6	12.4	−40.9	42.7	286.9
261	R68Y_037_037e	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.185	0.0	36.2	8.6	25.2	26.7	71.1
262	R50Y_037_025e	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.212	0.124	38.0	8.9	14.7	17.2	58.8
263	R00Y_037_012e	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.276	40.8	8.1	3.8	8.9	25.4
264	B50R_037_012e	0.375	0.25	0.375	0.375	0.125	0.312	330	0.3	0.249	0.375	39.2	6.1	−3.7	7.2	328.6
265	B25R_050_025e	0.375	0.25	0.5	0.5	0.25	0.375	300	0.261	0.249	0.5	39.4	6.6	−11.4	13.2	300.1
266	B15R_062_037e	0.375	0.25	0.625	0.625	0.375	0.437	289	0.25	0.3	0.625	41.3	6.3	−17.6	18.7	289.7
267	B11R_075_050e	0.375	0.25	0.75	0.75	0.5	0.5	284	0.25	0.35	0.75	44.0	6.2	−23.2	24.1	285.0
268	B09R_087_062e	0.375	0.25	0.875	0.875	0.625	0.562	281	0.25	0.401	0.875	46.7	6.2	−28.8	29.4	282.1
269	B07R_100_075e	0.375	0.25	1.0	1.0	0.75	0.625	279	0.25	0.45	1.0	49.3	6.2	−34.5	35.0	280.2
270	Y00G_037_037e	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.315	0.0	42.1	−1.3	32.9	32.9	92.3
271	Y00G_037_025e	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.335	0.124	43.7	−0.8	21.9	21.9	92.3
272	Y00G_037_012e	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.355	0.249	45.3	−0.4	10.9	10.9	92.3
273	NW_037e	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	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	49.4	0.1	−5.6	5.6	271.7
275	B00R_062_025e	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.468	0.625	51.9	0.3	−11.3	11.3	271.7
276	B00R_075_037e	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.515	0.75	54.4	0.5	−17.0	17.0	271.7
277	B00R_087_050e	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.562	0.875	56.9	0.6	−22.7	22.7	271.7
278	B00R_100_062e	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.609	1.0	59.5	0.8	−28.3	28.4	271.7
279	Y23G_050_050e	0.375	0.5	0.0	0.5	0.5	0.25	104	0.309	0.5	0.0	47.3	−12.7	37.9	40.0	108.6
280	Y31G_050_037e	0.375	0.5	0.125	0.5	0.375	0.312	109	0.318	0.5	0.124	48.3	−11.5	25.2	27.7	114.4
281	Y50G_050_025e	0.375	0.5	0.25	0.5	0.25	0.375	120	0.331	0.5	0.249	49.1	−10.3	13.6	17.0	127.2
282	G00B_050_012e	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.386	51.2	−8.3	2.6	8.8	162.2
283	G50B_050_012e	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.466	51.7	−4.9	−3.7	6.2	216.9
284	G75B_062_025e	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.571	0.625	55.6	−5.2	−11.0	12.2	244.3
285	G84B_075_037e	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.6	0.75	57.7	−4.6	−16.7	17.3	254.3
286	G88B_087_050e	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.646	0.875	60.2	−4.3	−22.4	22.9	258.9
287	G90B_100_062e	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.692	1.0	62.7	−4.1	−28.1	28.4	261.6
288	Y38G_062_062e	0.375	0.625	0.0	0.625	0.625	0.312	113	0.271	0.625	0.0	50.8	−21.5	38.6	44.2	119.1
289	Y50G_062_050e	0.375	0.625	0.125	0.625	0.5	0.375	120	0.288	0.625	0.125	51.4	−20.7	27.2	34.1	127.2
290	Y68G_062_037e	0.375	0.625	0.25	0.625	0.375	0.437	131	0.319	0.625	0.25	52.6	−19.4	16.2	25.3	140.0
291	G00B_062_025e	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.398	55.5	−16.7	5.3	17.6	162.2
292	G25B_062_025e	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.49	56.0	−13.3	−2.2	13.4	189.6
293	G50B_062_025e	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.558	56.6	−9.9	−7.4	12.4	216.9
294	G65B_075_037e	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.75	0.74	62.0	−11.4	−15.9	19.5	234.3
295	G75B_087_050e	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.767	0.875	64.3	−10.5	−22.0	24.4	244.3
296	G80B_100_062e	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.786	1.0	66.3	−9.6	−27.7	29.4	250.7
297	Y50G_075_075e	0.375	0.75	0.0	0.75	0.75	0.375	120	0.245	0.75	0.0	53.7	−31.0	40.8	51.2	127.2
298	Y61G_075_062e	0.375	0.75	0.125	0.75	0.625	0.437	127	0.277	0.75	0.125	54.3	−30.1	29.6	42.2	135.4
299	Y76G_075_050e	0.375	0.75	0.25	0.75	0.5	0.5	136	0.306	0.75	0.25	56.7	−28.1	19.0	34.0	145.9
300	G00B_075_037e	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.409	59.8	−25.1	8.0	26.4	162.2
301	G15B_075_037e	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.508	60.4	−21.6	0.1	21.6	179.5
302	G34B_075_037e	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.585	60.9	−18.1	−6.4	19.2	199.6
303	G50B_075_037e	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.65	61.4	−14.9	−11.2	18.6	216.9
304	G61B_087_050e	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.875	0.829	66.9	−16.5	−19.5	25.6	229.7
305	G69B_100_062e	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.966	1.0	71.4	−17.1	−27.4	32.3	237.9
306	Y58G_087_087e	0.375	0.875	0.0	0.875	0.875	0.437	125	0.235	0.875	0.0	56.5	−40.5	43.3	59.3	133.0
307	Y68G_087_075e	0.375	0.875	0.125	0.875	0.75	0.5	131	0.263	0.875	0.125	58.4	−38.8	32.4	50.6	140.0
308	Y81G_087_062e	0.375	0.875	0.25	0.875	0.625	0.562	139	0.299	0.875	0.25	60.7	−37.5	22.2	43.6	149.4
309	G00B_087_050e	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.421	64.2	−33.5	10.7	35.2	162.2
310	G11B_087_050e	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.524	64.8	−30.1	2.6	30.2	175.0
311	G25B_087_050e	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.605	65.3	−26.6	−4.5	26.9	189.6
312	G38B_087_050e	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.678	65.8	−23.0	−10.3	25.2	204.2
313	G50B_087_050e	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.742	66.3	−19.8	−14.9	24.9	216.9
314	G59B_100_062e	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	1.0	0.919	71.7	−21.5	−23.1	31.6	227.0
315	Y63G_100_100e	0.375	1.0	0.0	1.0	1.0	0.5	128	0.229	1.0	0.0	60.2	−49.1	46.4	67.6	136.5
316	Y73G_100_087e	0.375	1.0	0.125	1.0	0.875	0.562	134	0.246	1.0	0.125	62.5	−47.4	35.0	58.9	143.5
317	Y85G_100_075e	0.375	1.0	0.25	1.0	0.75	0.625	141	0.293	1.0	0.25	64.7	−46.9	25.2	53.3	151.7
318	G00B_100_062e	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.433	68.5	−41.9	13.4	44.0	162.2
319	G09B_100_062e	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.541	69.1	−38.4	5.2	38.7	172.2
320	G19B_100_062e	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.622	69.6	−35.0	−1.9	35.1	183.2
321	G30B_100_062e	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.702	70.2	−31.3	−8.9	32.5	195.9
322	G40B_100_062e	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.771	70.7	−27.9	−14.2	31.3	206.9
323	G50B_100_062e	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	0.834	71.2	−24.8	−18.7	31.1	216.9

n	rgb*'Fe			LabCh*'Fe					DE*'Fe	$h_{siM,e}$	rgb*Me			LabCh*Me				
243	0.375	0.0	0.0	30.3	25.2	19.8	32.0	38.1	8.3	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
244	0.375	0.0	0.125	31.0	26.7	10.6	28.7	21.7	8.9	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
245	0.375	0.0	0.25	31.0	29.6	0.6	29.6	1.1	9.0	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
246	0.375	0.0	0.375	31.3	31.6	−6.1	32.2	348.9	15.8	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
247	0.375	0.0	0.5	31.9	37.4	−10.7	38.9	343.9	21.2	285	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
248	0.375	0.0	0.625	33.4	41.7	−15.9	44.6	339.1	25.7	276	0.126	0.0	1.0	29.3	31.8	−42.5	53.1	306.8
249	0.375	0.0	0.75	33.3	44.0	−22.0	49.2	333.4	28.4	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
250	0.375	0.0	0.875	33.7	46.7	−27.5	54.2	329.5	31.6	268	0.0	0.02	1.0	25.8	22.5	−47.3	52.4	295.4
251	0.375	0.0	1.0	33.8	47.6	−31.2	56.9	326.7	32.8	265	0.0	0.078	1.0	27.4	19.6	−47.2	51.1	292.5
252	0.375	0.125	0.0	37.3	11.8	25.7	28.3	65.2	10.7	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
253	0.375	0.125	0.125	37.4	14.4	14.9	20.7	46.0	7.8	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
254	0.375	0.125	0.25	37.9	17.0	3.4	17.3	11.5	6.8	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
255	0.375	0.125	0.375	38.8	19.4	−5.1	20.1	345.2	10.3	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
256	0.375	0.125	0.5	38.9	25.0	−9.8	26.9	338.4	14.7	281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
257	0.375	0.125	0.625	39.7	28.4	−15.0	32.1	332.0	18.7	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
258	0.375	0.125	0.75	39.3	32.4	−21.0	38.7	327.0	22.2	266	0.0	0.059	1.0	26.8	20.5	−47.2	51.5	293.5
259	0.375	0.125	0.875	39.2	36.7	−26.3	45.1	324.3	25.8	262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
260	0.375	0.125	1.0	38.5	38.5	−30.9	49.4	321.2	27.9	260	0.0	0.174	1.0	30.4	14.2	−46.7	48.8	286.9
261	0.375	0.25	0.0	45.8	0.0	33.2	33.2	90.1	15.2	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
262	0.375	0.25	0.125	46.1	2.9	20.2	20.4	81.6	11.4	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
263	0.375	0.25	0.25	46.9	5.9	7.8	9.8	52.4	7.5	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
264	0.375	0.25	0.375	47.6	9.0	−3.1	9.5	340.5	8.8	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
265	0.375	0.25	0.5	47.5	13.3	−8.5	15.8	327.2	10.9	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
266	0.375	0.25	0.625	47.5	17.0	−14.2	22.2	320.1	12.8	262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
267	0.375	0.25	0.75	46.6	21.4	−19.6	29.1	317.5	15.8	259	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
268	0.375	0.25	0.875	46.4	26.1	−24.8	36.0	316.4	20.2	256	0.0	0.242	1.0	33.0	9.9	−46.1	47.1	282.1
269	0.375	0.25	1.0	44.9	28.5	−29.3	40.9	314.1	23.2	255	0.0	0.267	1.0	33.9	8.3	−46.0	46.7	280.2
270	0.375	0.375	0.0	51.2	−7.8	37.9	38.7	101.6	12.2	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
271	0.375	0.375	0.125	52.2	−6.1	24.5	25.2	104.0	10.2	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
272	0.375	0.375	0.25	53.2	−3.5	11.1	11.7	107.7	8.4	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
273	0.375	0.375	0.375	55.0	−0.4	−0.6	0.7	234.3	8.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
274	0.375	0.375	0.5	54.3	3.8	−6.8	7.8	299.3	6.2	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
275	0.375	0.375	0.625	54.1	7.4	−12.4	14.5	300.9	7.5	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
276	0.375	0.375	0.75	53.0	12.0	−18.0	21.6	303.6	11.6	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
277	0.375	0.375	0.875	52.8	16.1	−23.1	28.2	305.0	16.0	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
278	0.375	0.375	1.0	50.6	20.1	−27.9	34.4	305.8	21.2	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
279	0.375	0.5	0.0	56.3	−13.1	45.9	47.8	106.0	12.1	112	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
280	0.375	0.5	0.125	56.6	−11.8	31.7	33.8	110.4	10.5	118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
281	0.375	0.5	0.25	57.5	−9.7	17.0	19.6	119.8	9.0	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
282	0.375	0.5	0.375	58.7	−6.9	4.9	8.5	144.3	8.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
283	0.375	0.5	0.5	59.5	−3.8	−5.3	6.5	234.2	8.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
284	0.375	0.5	0.625	60.2	−0.6	−11.1	11.1	266.4	6.5	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
285	0.375	0.5	0.75	59.2	3.4	−16.6	17.0	281.6	8.2	233	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
286	0.375	0.5	0.875	59.3	7.4	−21.7	23.0	288.9	11.9	237	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258.9
287	0.375	0.5	1.0	55.9	13.0	−26.9	29.9	295.8	18.5	239	0.0	0.508	1.0	43.1	−6.5	−45.0	45.5	261.6
288	0.375	0.625	0.0	60.4	−18.5	50.6	53.8	110.0	15.5	124	0.433	1.0	0.0	70.7	−34.4	61.9	70.8	119.1
289	0.375	0.625	0.125	60.6	−17.7	36.4	40.5	115.9	13.3	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
290	0.375	0.625	0.25	60.9	−16.0	21.8	27.0	126.2	10.5	140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
291	0.375	0.625	0.375	62.5	−13.0	10.0	16.4	142.5	9.1	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
292	0.375	0.625	0.5	63.7	−10.0	−0.6	10.0	183.8	8.4	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
293	0.375	0.625	0.625	64.4	−6.8	−9.7	11.9	235.0	8.7	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
294	0.375	0.625	0.75	65.1	−4.4	−15.3	15.9	253.7	7.6	208	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
295	0.375	0.625	0.875	64.5	0.0	−20.6	20.6	270.0	10.7	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
296	0.375	0.625	1.0	62.2	3.9	−25.6	25.9	278.6	14.3	229	0.0	0.659	1.0	48.8	−15.5	−44.4	47.0	250.7
297	0.375	0.75	0.0	63.2	−24.9	53.5	59.0	115.0	16.9	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
298	0.375	0.75	0.125	63.3	−24.2	39.4	46.3	121.6	14.5	136	0.243	1.0	0.0	60.7	−48.1	47.4	67.6	135.4
299	0.375	0.75	0.25	64.3	−22.1	26.6	34.6	129.7	12.2	144	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
300	0.375	0.75	0.375	65.4	−19.1	14.2	23.8	143.4	10.2	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
301	0.375	0.75	0.5	66.4	−16.3	3.8	16.8	166.6	8.8	170	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
302	0.375	0.75	0.625	67.6	−12.9	−6.4	14.4	206.5	8.4	184	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
303	0.375	0.75	0.75	68.5	−9.7	−14.3	17.3	235.6	9.3	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
304	0.375	0.75	0.875	69.8	−7.4	−19.6	20.9	249.2	9.5	205	0.0	1.0	0.909	57.7	−33.0	−39.1	51.2	229.7
305	0.375	0.75	1.0	67.3	−3.3	−24.7	24.9	262.3	14.7	212	0.0	0.946	1.0	57.0	−27.4	−43.8	51.7	237.9
306	0.375	0.875	0.0	66.2	−31.9	56.0	64.5	119.6	18.1	134	0.268	1.0	0.0	62.0	−46.3	49.5	67.8	133.0
307	0.375	0.875	0.125	67.1	−30.2	43.1	52.7	125.0	16.2	140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
308	0.375	0.875	0.25	68.0	−28.2	31.4	42.2	131.9	15.0	145	0.079	1.0	0.0	55.4	−60.1	35.5	69.8	149.4
309	0.375	0.875	0.375	69.3	−25.1	19.2	31.6	142.6	12.9	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
310	0.375	0.875	0.5	70.1	−22.6	8.2	24.1	159.8	10.7	166	0.0	1.0	0.299	53.6	−60.2	5.2	60.4	175.0
311	0.375	0.875	0.625	71.3	−19.2	−2.1	19.4	186.2	9.7	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
312	0.375	0.875	0.75	72.4	−15.8	−11.2	19.4	215.4	9.8	187	0.0	1.0	0.607	55.6	−46.0	−20.7	50.5	204.2
313	0.375	0.875	0.875	73.4	−12.5	−18.6	22.4	235.9	10.8	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
314	0.375	0.875	1.0	72.0	−9.9	−23.9	25.9	247.3	11.6	203	0.0	1.0	0.87	57.5	−34.5	−37.0	50.6	227.0
315	0.375	1.0	0.0	68.9	−36.9	58.1	68.8	122.4	18.9	137	0.229	1.0	0.0	60.2	−49.1	46.4	67.6	136.5
316	0.375	1.0	0.125	69.1	−36.1	45.5	58.1	128.3	16.8	142	0.139	1.0	0.0	57.8	−54.2	40.0	67.3	143.5
317	0.375	1.0	0.25	70.0	−33.9	33.9	48.0	134.9	16.5	147	0.057	1.0	0.0	54.4	−62.6	33.6	71.1	151.7
318	0.375	1.0	0.375	71.3	−30.9	23.0	38.5	143.2	14.9	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
319	0.375	1.0	0.5	72.2	−28.4	12.4	31.0	156.2	12.7	164	0.0	1.0	0.265	53.3	−61.4	8.3	62.0	172.2
320	0.375	1.0	0.625	73.0	−25.2	2.2	25.3	175.0	11.1	173	0.0	1.0	0.396	54.2	−56.1	−3.1	56.2	183.2
321	0.375	1.0	0.75	74.4	−21.4	−8.1	22.9	200.6	10.7	181	0.0	1.0	0.524	55.0	−50.0	−14.3	52.1	195.9
322	0.375	1.0	0.875	75.3	−18.2	−16.2	24.4	221.6	10.9	188	0.0	1.0	0.635	55.9	−44.7	−22.7	50.1	206.9
323	0.375	1.0	1.0	76.0	−15.1	−23.0	27.6	236.7	11.7	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

Mean color difference of this page: **delta $E^{*\prime}$ = 13.4**

1−0132230−F0

RE550−7N, Page 23/33−F

TUB-test chart RE55; 1080 standard colours
colors and differences, $\Delta E^{*\prime}$

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

TUB registration: 20150701-RE55/RE55L0NA.TXT /.PS
application for measurement of offset print output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

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

1−0132230−F0

http://130.149.60.45/~farbmetrik/RE55/RE55L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 24/33

n	HIC*Fe	rgb_Fe			ict_Fe			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	0.104	32.6	32.4	15.4	35.9	25.4	0.5	0.0	0.0	34.1	34.6	23.9	42.1	34.6	8.8	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
325	R26Y_050_050e	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.269	32.7	34.0	5.9	34.6	9.8	0.5	0.0	0.125	34.5	35.7	15.9	39.1	24.0	10.3	357	1.0	0.0	0.538	47.8	68.1	11.8	69.2	9.8
326	R00Y_050_050e	0.5	0.0	0.25	0.5	0.5	0.25	360	0.474	0.0	0.5	32.5	35.7	−4.9	36.0	352.0	0.5	0.0	0.25	34.6	38.0	6.0	38.5	8.9	11.4	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
327	B61R_050_050e	0.5	0.0	0.375	0.5	0.5	0.25	344	0.33	0.0	0.5	29.6	30.5	−9.9	32.1	341.8	0.5	0.0	0.375	34.9	40.2	−2.2	40.3	356.8	13.5	310	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8
328	B50R_050_050e	0.5	0.0	0.5	0.5	0.5	0.25	330	0.203	0.0	0.5	26.2	24.6	−15.0	28.8	328.6	0.5	0.0	0.5	35.0	42.0	−7.8	42.7	349.4	20.7	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
329	B40R_062_062e	0.5	0.0	0.625	0.625	0.625	0.312	319	0.186	0.0	0.625	26.9	25.5	−22.8	34.2	318.1	0.5	0.0	0.625	36.5	46.7	−12.2	48.3	345.3	25.6	286	0.298	0.0	1.0	32.4	40.8	−36.5	54.7	318.1
330	B34R_075_075e	0.5	0.0	0.75	0.75	0.75	0.375	311	0.153	0.0	0.75	27.5	26.0	−30.3	39.9	310.5	0.5	0.0	0.75	37.5	50.6	−16.6	53.2	341.7	29.8	281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
331	B29R_087_087e	0.5	0.0	0.875	0.875	0.875	0.437	305	0.089	0.0	0.875	27.2	26.5	−38.1	46.4	304.9	0.5	0.0	0.875	38.1	53.6	−21.9	57.9	337.7	33.2	275	0.102	0.0	1.0	28.6	30.3	−43.5	53.1	304.9
332	B25R_100_100e	0.5	0.0	1.0	1.0	1.0	0.5	300	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9	35.2	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
333	R23Y_050_050e	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.066	0.0	34.6	27.1	23.6	35.9	41.0	0.5	0.125	0.0	40.6	21.7	30.8	37.7	54.8	10.8	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
334	R00Y_050_037e	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.203	38.6	24.3	11.6	26.9	25.4	0.5	0.125	0.125	40.8	23.4	21.1	31.5	42.1	9.8	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
335	R18Y_050_037e	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.372	38.8	26.0	1.9	26.1	4.3	0.5	0.125	0.25	41.4	25.1	10.4	27.2	22.5	8.9	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
336	B65R_050_037e	0.5	0.125	0.375	0.5	0.375	0.312	349	0.402	0.124	0.5	36.8	24.5	−5.8	25.2	346.6	0.5	0.125	0.375	41.9	27.5	−0.1	27.5	359.7	8.1	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
337	B50R_050_037e	0.5	0.125	0.5	0.5	0.375	0.312	330	0.277	0.124	0.5	33.8	18.4	−11.2	21.6	328.6	0.5	0.125	0.5	42.4	29.4	−6.8	30.2	346.8	14.5	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
338	B38R_062_050e	0.5	0.125	0.625	0.625	0.5	0.375	316	0.261	0.125	0.625	34.5	19.2	−19.0	27.0	315.3	0.5	0.125	0.625	44.1	33.5	−10.8	35.3	342.0	19.0	285	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
339	B30R_075_062e	0.5	0.125	0.75	0.75	0.625	0.437	307	0.203	0.125	0.75	34.7	19.9	−26.6	33.2	306.8	0.5	0.125	0.75	44.3	37.8	−15.6	41.0	337.5	23.1	276	0.126	0.0	1.0	29.3	31.8	−42.5	53.1	306.8
340	B25R_087_075e	0.5	0.125	0.875	0.875	0.75	0.5	300	0.159	0.125	0.875	34.2	19.9	−34.3	39.7	300.1	0.5	0.125	0.875	43.3	41.6	−21.8	47.0	332.3	26.6	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
341	B20R_100_087e	0.5	0.125	1.0	1.0	0.875	0.562	295	0.125	0.142	1.0	34.5	19.7	−41.4	45.8	295.4	0.5	0.125	1.0	42.6	43.1	−26.7	50.7	328.1	28.7	268	0.0	0.02	1.0	25.8	22.5	−47.3	52.4	295.4
342	R50Y_050_050e	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.174	0.0	39.0	17.8	29.5	34.4	58.8	0.5	0.25	0.0	48.0	7.3	38.6	39.3	79.2	16.5	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
343	R31Y_050_037e	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.202	0.124	41.1	18.0	19.1	26.3	46.6	0.5	0.25	0.125	47.5	9.9	26.2	28.1	69.3	12.5	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
344	R00Y_050_025e	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.302	44.6	16.2	7.7	17.9	25.4	0.5	0.25	0.25	48.2	12.4	14.0	18.7	48.6	8.2	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
345	R00Y_050_025e	0.5	0.25	0.375	0.5	0.25	0.375	360	0.487	0.249	0.5	44.5	17.8	−2.4	18.0	352.0	0.5	0.25	0.375	49.1	14.6	3.5	15.0	13.4	8.1	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
346	B50R_050_025e	0.5	0.25	0.5	0.5	0.25	0.375	330	0.351	0.249	0.5	41.4	12.3	−7.5	14.4	328.6	0.5	0.25	0.5	49.8	16.9	−5.0	17.7	343.5	9.9	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
347	B34R_062_037e	0.5	0.25	0.625	0.625	0.375	0.437	311	0.326	0.25	0.625	42.0	13.0	−15.1	19.9	310.5	0.5	0.25	0.625	50.9	21.5	−9.4	23.5	336.2	13.5	281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
348	B25R_075_050e	0.5	0.25	0.75	0.75	0.5	0.5	300	0.272	0.25	0.75	41.6	13.3	−22.9	26.4	300.1	0.5	0.25	0.75	50.4	26.0	−14.8	29.9	330.3	17.4	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
349	B19R_087_062e	0.5	0.25	0.875	0.875	0.625	0.562	293	0.25	0.287	0.875	42.8	12.8	−29.5	32.2	293.5	0.5	0.25	0.875	50.0	29.2	−20.8	35.8	324.5	19.8	266	0.0	0.059	1.0	26.8	20.5	−47.2	51.5	293.5
350	B15R_100_075e	0.5	0.25	1.0	1.0	0.75	0.625	289	0.25	0.35	1.0	45.5	12.6	−35.2	37.4	289.7	0.5	0.25	1.0	48.4	32.1	−25.6	41.0	321.4	21.9	262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
351	R76Y_050_050e	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.281	0.0	44.0	8.5	36.1	37.0	76.7	0.5	0.375	0.0	53.9	−2.5	45.0	45.1	93.2	17.3	64	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
352	R68Y_050_037e	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.31	0.124	45.9	8.6	25.2	26.7	71.1	0.5	0.375	0.125	54.4	−0.6	31.7	31.7	91.2	14.1	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
353	R50Y_050_025e	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.337	0.249	47.8	8.9	14.7	17.2	58.8	0.5	0.375	0.25	54.9	2.1	18.2	18.3	83.1	10.4	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
354	R00Y_050_012e	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.401	50.6	8.1	3.8	8.9	25.4	0.5	0.375	0.375	55.9	4.8	6.8	8.3	54.9	6.9	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
355	B50R_050_012e	0.5	0.375	0.5	0.5	0.125	0.437	330	0.425	0.375	0.5	49.0	6.1	−3.7	7.2	328.6	0.5	0.375	0.5	57.0	7.5	−2.9	8.0	338.5	8.1	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
356	B25R_062_025e	0.5	0.375	0.625	0.625	0.25	0.5	300	0.386	0.375	0.625	49.1	6.6	−11.4	13.2	300.1	0.5	0.375	0.625	58.0	11.0	−7.9	13.5	324.1	10.4	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
357	B15R_075_037e	0.5	0.375	0.75	0.75	0.375	0.562	289	0.375	0.425	0.75	51.0	6.3	−17.6	18.7	289.7	0.5	0.375	0.75	56.9	15.5	−13.7	20.7	318.5	11.6	262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
358	B11R_087_050e	0.5	0.375	0.875	0.875	0.5	0.625	284	0.375	0.475	0.875	53.7	6.2	−23.2	24.1	285.0	0.5	0.375	0.875	56.7	18.9	−19.2	26.9	314.5	13.6	259	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
359	B09R_100_062e	0.5	0.375	1.0	1.0	0.625	0.687	281	0.375	0.526	1.0	56.4	6.2	−28.8	29.4	282.1	0.5	0.375	1.0	54.2	23.1	−24.3	33.5	313.4	17.6	256	0.0	0.242	1.0	33.0	9.9	−46.1	47.1	282.1
360	Y00G_050_050e	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.42	0.0	50.3	−1.7	43.9	43.9	92.3	0.5	0.5	0.0	58.5	−9.2	49.7	50.6	100.5	12.5	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
361	Y00G_050_037e	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.44	0.124	51.8	−1.3	32.9	32.9	92.3	0.5	0.5	0.125	59.1	−7.8	35.8	36.6	102.3	10.1	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
362	Y00G_050_025e	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.46	0.249	53.4	−0.8	21.9	21.9	92.3	0.5	0.5	0.25	60.5	−5.7	21.7	22.4	104.8	8.5	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
363	Y00G_050_012e	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.48	0.375	55.0	−0.4	10.9	10.9	92.3	0.5	0.5	0.375	61.7	−3.2	9.6	10.2	108.5	7.4	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
364	NW_050e	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	63.4	−0.4	−0.6	0.7	235.9	6.8	360	1.0	1.0	1.0	95.4	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	59.1	0.1	−5.6	5.6	271.7	0.5	0.5	0.625	63.4	3.0	−6.7	7.3	294.2	5.2	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
366	B00R_075_025e	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.593	0.75	61.6	0.3	−11.3	11.3	271.7	0.5	0.5	0.75	63.3	7.0	−11.7	13.6	300.9	6.8	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
367	B00R_087_037e	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.64	0.875	64.1	0.5	−17.0	17.0	271.7	0.5	0.5	0.875	63.0	9.8	−17.7	20.2	299.0	9.4	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
368	B00R_100_050e	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.687	1.0	66.7	0.6	−22.7	22.7	271.7	0.5	0.5	1.0	60.0	15.5	−22.8	27.6	304.1	16.2	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
369	Y18G_062_062e	0.5	0.625	0.0	0.625	0.625	0.312	101	0.44	0.625	0.0	57.1	−13.6	50.4	52.2	105.1	0.5	0.625	0.0	64.0	−14.1	56.2	57.9	104.1	8.9	106	0.705	1.0	0.0	80.8	−21.8	80.6	83.5	105.1
370	Y23G_062_050e	0.5	0.625	0.125	0.625	0.5	0.375	104	0.434	0.625	0.125	57.0	−12.7	37.9	40.0	108.6	0.5	0.625	0.125	64.4	−12.8	42.5	44.4	106.8	8.7	112	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
371	Y31G_062_037e	0.5	0.625	0.25	0.625	0.375	0.437	109	0.443	0.625	0.25	58.0	−11.5	25.2	27.7	114.4	0.5	0.625	0.25	65.5	−11.1	28.3	30.5	111.4	8.1	118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
372	Y50G_062_025e	0.5	0.625	0.375	0.625	0.25	0.5	120	0.456	0.625	0.375	58.8	−10.3	13.6	17.0	127.2	0.5	0.625	0.375	66.3	−9.1	15.5	18.0	120.3	7.8	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
373	G00B_062_012e	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.511	60.9	−8.3	2.6	8.8	162.2	0.5	0.625	0.5	67.3	−6.4	4.3	7.8	146.1	6.8	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
374	G50B_062_012e	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.591	61.4	−4.9	−3.7	6.2	216.9	0.5	0.625	0.625	68.4	−3.5	−5.0	6.1	234.4	7.2	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
375	G75B_075_025e	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.696	0.75	65.3	−5.2	−11.0	12.2	244.3	0.5	0.625	0.75	68.8	−0.3	−10.4	10.4	268.2	6.0	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
376	G84B_087_037e	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.725	0.875	67.5	−4.6	−16.7	17.3	254.3	0.5	0.625	0.875	67.5	3.6	−16.6	17.0	282.2	8.3	233	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
377	G88B_100_050e	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.771	1.0	69.9	−4.3	−22.4	22.9	258.9	0.5	0.625	1.0	65.6	7.1	−21.6	22.8	288.1	12.3	237	0.0	0.543	1.0	44.5	−8.7	−44.9	45.8	258.9
378	Y31G_075_075e	0.5	0.75	0.0	0.75	0.75	0.375	109	0.387	0.75	0.0	59.4	−23.0	50.5	55.5	114.4	0.5	0.75	0.0	68.1	−19.0	61.9	64.8	107.0	14.8	118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
379	Y38G_075_062e	0.5	0.75	0.125	0.75	0.625	0.437	113	0.396	0.75	0.125	60.5	−21.5	38.6	44.2	119.1	0.5	0.75	0.125	68.3	−18.1	47.6	50.9	110.8	12.3	124	0.433	1.0	0.0	70.7	−34.4	61.9	70.8	119.1
380	Y50G_075_050e	0.5	0.75	0.25	0.75	0.5	0.5	120	0.413	0.75	0.25	61.2	−20.7	27.2	34.1	127.2	0.5	0.75	0.25	68.9	−16.8	33.8	37.8	116.4	10.9	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
381	Y68G_075_037e	0.5	0.75	0.375	0.75	0.375	0.562	131	0.444	0.75	0.375	62.3	−19.4	16.2	25.3	140.0	0.5	0.75	0.375	69.8	−14.8	20.8	25.6	125.4	9.8	140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
382	G00B_075_025e	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.523	65.2	−16.7	5.3	17.6	162.2	0.5	0.75	0.5	71.1	−12.0	9.8	15.5	140.7	8.7	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
383	G25B_075_025e	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.615	65.8	−13.3	−2.2	13.4	189.6	0.5	0.75	0.625	71.9	−9.2	−0.1	9.2	181.1	7.6	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
384	G50B_075_025e	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.683	66.3	−9.9	−7.4	12.4	216.9	0.5	0.75	0.75	72.9	−6.2	−9.1	11.0	235.5	7.7	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
385	G65B_087_037e	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.875	0.865	71.7	−11.4	−15.9	19.5	234.3	0.5	0.75	0.875	73.7	−4.2	−15.2	15.8	254.3	7.4	208	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
386	G75B_100_050e	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.892	1.0	74.1	−10.5	−22.0	24.4	244.3	0.5	0.75	1.0	70.7	0.2	−20.5	20.5	270.8	11.4	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
387	Y41G_087_087e	0.5	0.875	0.0	0.875	0.875	0.437	115	0.343	0.875	0.0	62.9	−31.6	51.8	60.7	121.4	0.5	0.875	0.0	71.6	−25.4	65.5	70.3	111.2	17.3	127	0.392	1.0	0.0	69.4	−36.2	59.2	69.4	121.4
388	Y50G_087_075e	0.5	0.875	0.125	0.875	0.75	0.5	120	0.37	0.875	0.125	63.5	−31.0	40.8	51.2	127.2	0.5	0.875	0.125	71.6	−24.9	51.1	56.8	115.9	14.5	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
389	Y61G_087_062e	0.5	0.875	0.25	0.875	0.625	0.562	127	0.402	0.875	0.25	64.0	−30.1	29.6	42.2	135.4	0.5	0.875	0.25	72.0	−23.8	38.3	45.1	121.9	13.3	136	0.243	1.0	0.0	60.7	−48.1	47.4	67.6	135.4
390	Y76G_087_050e	0.5	0.875	0.375	0.875	0.5	0.625	136	0.431	0.875	0.375	66.4	−28.1	19.0	34.0	145.9	0.5	0.875	0.375	73.1	−21.3	25.4	33.2	129.9	11.4	144	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
391	G00B_087_037e	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.534	69.6	−25.1	8.0	26.4	162.2	0.5	0.875	0.5	74.4	−18.4	13.7	23.0	143.3	10.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
392	G15B_087_037e	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.633	70.1	−21.6	0.1	21.6	179.5	0.5	0.875	0.625	75.3	−15.8	3.8	16.3	166.3	8.6	170	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
393	G34B_087_037e	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.71	70.7	−18.1	−6.4	19.2	199.6	0.5	0.875	0.75	76.7	−12.5	−6.1	13.9	206.1	8.2	184	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
394	G50B_087_037e	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.775	71.2	−14.9	−11.2	18.6	216.9	0.5	0.875	0.875	77.3	−9.5	−14.2	17.1	236.0	8.7	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
395	G61B_100_050e	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	1.0	0.954	76.6	−16.5	−19.5	25.6	229.7	0.5	0.875	1.0	76.5	−6.8	−19.4	20.6	250.5	9.6	205	0.0	1.0	0.909	57.7	−33.0	−39.1	51.2	229.7
396	Y50G_100_100e	0.5	1.0	0.0	1.0	1.0	0.5	120	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3	16.8	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
397	Y58G_100_087e	0.5	1.0	0.125	1.0	0.875	0.562	125	0.36	1.0	0.125	66.2	−40.5	43.3	59.3	133.0	0.5	1.0	0.125	73.1	−30.7	53.1	61.4	120.0	15.4	134	0.268	1.0	0.0	62.0	−46.3	49.5	67.8	133.0
398	Y68G_100_075e	0.5	1.0	0.25	1.0	0.75	0.625	131	0.388	1.0	0.25	68.1	−38.8	32.4	50.6	140.0	0.5	1.0	0.25	73.6	−29.3	40.7	50.1	125.7	13.7	140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
399	Y81G_100_062e	0.5	1.0	0.375	1.0	0.625	0.687	139	0.424	1.0	0.375	70.4	−37.5	22.2	43.6	149.4	0.5	1.0	0.375	74.6	−27.1	29.6	40.1	132.5	13.4	145	0.079	1.0	0.0	55.4	−60.1	35.5	69.8	149.4
400	G00B_100_050e	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.546	73.9	−33.5	10.7	35.2	162.2	0.5	1.0	0.5	76.0	−24.2	18.2	30.3	142.9	12.1	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
401	G11B_100_050e	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.649	74.5	−30.1	2.6	30.2	175.0	0.5	1.0	0.625	77.1	−21.4	7.9	22.8	159.7	10.4	166	0.0	1.0	0.299	53.6	−60.2	5.2	60.4	175.0
402	G25B_100_050e	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.73	75.0	−26.6	−4.5	26.9	189.6	0.5	1.0	0.75	78.1	−18.4	−2.0	18.5	186.2	9.0	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
403	G38B_100_050e	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.803	75.5	−23.0	−10.3	25.2	204.2	0.5	1.0	0.875	79.4	−15.1	−10.7	18.5	215.2	8.7	187	0.0	1.0	0.607	55.6	−46.0	−20.7	50.5	204.2
404	G50B_100_050e	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.867	76.0	−19.8	−14.9	24.9	216.9	0.5	1.0	1.0	80.2	−12.0	−18.3	21.9	236.6	9.4	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

Mean color difference of this page: delta $E^{*\prime}$ = *12.8*

TUB-test chart RE55; 1080 standard colours
colors and differences, $\Delta E^{*\prime}$

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

http://130.149.60.45/~farbmetrik/RE55/RE55L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 25/33

n	HIC*Fe	rgb_Fe			ict_Fe			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	0.13	36.4	40.5	19.3	44.9	25.4	0.625	0.0	0.0	37.4	42.1	28.4	50.8	34.0	9.3	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
406	R31Y_062_062e	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.294	36.4	42.1	9.9	43.2	13.2	0.625	0.0	0.125	37.5	43.0	21.4	48.0	26.4	11.5	361	1.0	0.0	0.47	47.7	67.4	15.8	69.2	13.2
407	R11Y_062_062e	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.478	36.7	44.1	−0.1	44.1	359.8	0.625	0.0	0.25	37.7	44.8	12.8	46.6	15.9	12.9	342	1.0	0.0	0.765	48.1	70.6	−0.1	70.6	359.8
408	B69R_062_062e	0.625	0.0	0.375	0.625	0.625	0.312	353	0.55	0.0	0.625	35.4	43.5	−7.3	44.1	350.4	0.625	0.0	0.375	37.8	46.7	3.8	46.9	4.6	11.8	323	0.881	0.0	1.0	46.0	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	0.382	0.0	0.625	32.0	36.4	−13.9	39.0	339.0	0.625	0.0	0.5	38.2	48.9	−3.5	49.0	355.8	17.3	307	0.611	0.0	1.0	40.6	58.3	−22.3	62.4	339.0
410	B50R_062_062e	0.625	0.0	0.625	0.625	0.625	0.312	330	0.254	0.0	0.625	28.4	30.8	−18.7	36.0	328.6	0.625	0.0	0.625	38.6	50.3	−8.7	51.0	350.0	24.1	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
411	B42R_075_075e	0.625	0.0	0.75	0.75	0.75	0.375	321	0.236	0.0	0.75	28.9	31.7	−26.6	41.4	320.0	0.625	0.0	0.75	40.0	54.5	−12.6	56.0	346.9	28.9	287	0.315	0.0	1.0	32.7	42.3	−35.4	55.2	320.0
412	B36R_087_087e	0.625	0.0	0.875	0.875	0.875	0.437	314	0.224	0.0	0.875	29.9	32.2	−34.0	46.8	313.4	0.625	0.0	0.875	41.2	58.5	−16.8	60.8	343.9	33.3	284	0.256	0.0	1.0	31.6	36.8	−38.9	53.5	313.4
413	B31R_100_100e	0.625	0.0	1.0	1.0	1.0	0.5	308	0.146	0.0	1.0	29.7	32.5	−42.0	53.2	307.7	0.625	0.0	1.0	40.9	58.8	−21.8	62.7	339.6	35.0	277	0.146	0.0	1.0	29.7	32.5	−42.0	53.2	307.7
414	R18Y_062_062e	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.05	0.0	37.7	36.3	28.1	45.9	37.7	0.625	0.125	0.0	43.4	29.6	35.4	46.2	50.0	11.3	34	1.0	0.08	0.0	49.8	58.1	44.9	73.5	37.7
415	R00Y_062_050e	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.229	42.3	32.4	15.4	35.9	25.4	0.625	0.125	0.125	44.0	30.5	26.8	40.6	41.3	11.6	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
416	R26Y_062_050e	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.394	42.4	34.0	5.9	34.6	9.8	0.625	0.125	0.25	44.0	31.9	17.0	36.2	28.1	11.4	357	1.0	0.0	0.538	47.8	68.1	11.8	69.2	9.8
417	R00Y_062_050e	0.625	0.125	0.375	0.625	0.5	0.375	360	0.599	0.125	0.625	42.2	35.7	−4.9	36.0	352.0	0.625	0.125	0.375	44.8	33.4	6.9	34.1	11.8	12.4	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
418	B61R_062_050e	0.625	0.125	0.5	0.625	0.5	0.375	344	0.455	0.125	0.625	39.3	30.5	−9.9	32.1	341.8	0.625	0.125	0.5	45.4	35.6	−1.6	35.7	357.2	11.4	310	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8
419	B50R_062_050e	0.625	0.125	0.625	0.625	0.5	0.375	330	0.328	0.125	0.625	36.0	24.6	−15.0	28.8	328.6	0.625	0.125	0.625	45.8	37.2	−7.9	38.0	347.9	17.4	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
420	B40R_075_062e	0.625	0.125	0.75	0.75	0.625	0.437	319	0.311	0.125	0.75	36.6	25.5	−22.8	34.2	318.1	0.625	0.125	0.75	46.7	41.7	−11.8	43.3	344.1	22.0	286	0.298	0.0	1.0	32.4	40.8	−36.5	54.7	318.1
421	B34R_087_075e	0.625	0.125	0.875	0.875	0.75	0.5	311	0.278	0.125	0.875	37.2	26.0	−30.3	39.9	310.5	0.625	0.125	0.875	47.2	46.9	−16.5	49.7	340.6	26.9	281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
422	B29R_100_087e	0.625	0.125	1.0	1.0	0.875	0.562	305	0.214	0.125	1.0	36.9	26.5	−38.1	46.4	304.9	0.625	0.125	1.0	46.3	48.9	−21.3	53.3	336.4	29.4	275	0.102	0.0	1.0	28.6	30.3	−43.5	53.1	304.9
423	R38Y_062_062e	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.163	0.0	41.9	27.1	33.6	43.2	51.0	0.625	0.25	0.0	50.0	17.0	43.0	46.3	68.3	16.0	44	1.0	0.262	0.0	56.5	43.4	53.8	69.1	51.0
424	R23Y_062_050e	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.191	0.125	44.3	27.1	23.6	35.9	41.0	0.625	0.25	0.125	50.0	18.4	32.1	37.0	60.1	13.4	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
425	R00Y_062_037e	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.328	48.3	24.3	11.6	26.9	25.4	0.625	0.25	0.25	50.8	19.6	20.9	28.7	46.8	10.7	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
426	R18Y_062_037e	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.497	48.5	26.0	1.9	26.1	4.3	0.625	0.25	0.375	51.7	21.2	11.0	23.9	27.5	10.7	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
427	B65R_062_037e	0.625	0.25	0.5	0.625	0.375	0.437	349	0.527	0.25	0.625	46.6	24.5	−5.8	25.2	346.6	0.625	0.25	0.5	52.2	23.6	0.8	23.6	2.0	8.8	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
428	B50R_062_037e	0.625	0.25	0.625	0.625	0.375	0.437	330	0.402	0.25	0.625	43.5	18.4	−11.2	21.6	328.6	0.625	0.25	0.625	53.2	25.5	−6.3	26.3	346.0	12.9	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
429	B38R_075_050e	0.625	0.25	0.75	0.75	0.5	0.5	316	0.386	0.25	0.75	44.2	19.2	−19.0	27.0	315.3	0.625	0.25	0.75	53.3	30.4	−10.7	32.2	340.6	16.6	285	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
430	B30R_087_062e	0.625	0.25	0.875	0.875	0.625	0.562	307	0.328	0.25	0.875	44.4	19.9	−26.6	33.2	306.8	0.625	0.25	0.875	53.5	34.9	−15.5	38.2	335.9	20.7	276	0.126	0.0	1.0	29.3	31.8	−42.5	53.1	306.8
431	B25R_100_075e	0.625	0.25	1.0	1.0	0.75	0.625	300	0.284	0.25	1.0	43.9	19.9	−34.3	39.7	300.1	0.625	0.25	1.0	52.2	37.2	−20.6	42.5	330.9	23.5	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
432	R61Y_062_062e	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.276	0.0	46.9	17.3	40.2	43.8	66.6	0.625	0.375	0.0	57.0	4.6	50.8	51.0	84.7	19.3	56	1.0	0.441	0.0	64.5	27.7	64.4	70.1	66.6
433	R50Y_062_050e	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.299	0.125	48.7	17.8	29.5	34.4	58.8	0.625	0.375	0.125	57.0	6.7	38.1	38.7	79.9	16.2	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
434	R31Y_062_037e	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.327	0.25	50.8	18.0	19.1	26.3	46.6	0.625	0.375	0.25	57.3	8.9	25.6	27.1	70.8	12.9	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
435	R00Y_062_025e	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.427	54.3	16.2	7.7	17.9	25.4	0.625	0.375	0.375	58.4	10.5	14.5	17.9	54.0	9.7	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
436	R00Y_062_025e	0.625	0.375	0.5	0.625	0.25	0.5	360	0.612	0.375	0.625	54.2	17.8	−2.4	18.0	352.0	0.625	0.375	0.5	59.3	12.7	4.1	13.4	18.1	9.8	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
437	B50R_062_025e	0.625	0.375	0.625	0.625	0.25	0.5	330	0.476	0.375	0.625	51.1	12.3	−7.5	14.4	328.6	0.625	0.375	0.625	60.3	15.0	−4.4	15.7	343.4	10.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
438	B34R_075_037e	0.625	0.375	0.75	0.75	0.375	0.562	311	0.451	0.375	0.75	51.7	13.0	−15.1	19.9	310.5	0.625	0.375	0.75	59.8	19.9	−9.4	22.0	334.5	12.0	281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
439	B25R_087_050e	0.625	0.375	0.875	0.875	0.5	0.625	300	0.397	0.375	0.875	51.4	13.3	−22.9	26.4	300.1	0.625	0.375	0.875	60.1	23.7	−14.4	27.8	328.5	15.9	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
440	B19R_100_062e	0.625	0.375	1.0	1.0	0.625	0.687	293	0.375	0.412	1.0	52.6	12.8	−29.5	32.2	293.5	0.625	0.375	1.0	57.3	27.1	−20.3	33.9	323.1	17.6	266	0.0	0.059	1.0	26.8	20.5	−47.2	51.5	293.5
441	R81Y_062_062e	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.377	0.0	52.0	8.2	46.8	47.5	80.0	0.625	0.5	0.0	62.6	−3.9	56.8	56.9	94.0	19.0	66	1.0	0.604	0.0	72.5	13.1	74.9	76.0	80.0
442	R76Y_062_050e	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.406	0.125	53.8	8.5	36.1	37.0	76.7	0.625	0.5	0.125	63.1	−2.5	43.7	43.8	93.3	16.4	64	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
443	R68Y_062_037e	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.435	0.25	55.6	8.6	25.2	26.7	71.1	0.625	0.5	0.25	63.9	−0.7	30.2	30.2	91.3	13.4	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
444	R50Y_062_025e	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.462	0.375	57.5	8.9	14.7	17.2	58.8	0.625	0.5	0.375	64.8	1.6	17.9	17.9	84.7	10.8	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
445	R00Y_062_012e	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.526	60.3	8.1	3.8	8.9	25.4	0.625	0.5	0.5	65.8	4.2	6.6	7.9	57.4	7.3	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
446	B50R_062_012e	0.625	0.5	0.625	0.625	0.125	0.562	330	0.55	0.5	0.625	58.7	6.1	−3.7	7.2	328.6	0.625	0.5	0.625	66.4	6.8	−2.7	7.3	338.3	7.8	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
447	B25R_075_025e	0.625	0.5	0.75	0.75	0.25	0.625	300	0.511	0.5	0.75	58.8	6.6	−11.4	13.2	300.1	0.625	0.5	0.75	66.5	10.6	−7.9	13.2	323.2	9.3	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
448	B15R_087_037e	0.625	0.5	0.875	0.875	0.375	0.687	289	0.5	0.55	0.875	60.8	6.3	−17.6	18.7	289.7	0.625	0.5	0.875	66.2	14.2	−13.3	19.5	316.8	10.5	262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
449	B11R_100_050e	0.625	0.5	1.0	1.0	0.5	0.75	284	0.5	0.6	1.0	63.4	6.2	−23.2	24.1	285.0	0.625	0.5	1.0	62.9	19.2	−19.0	27.0	315.2	13.6	259	0.0	0.201	1.0	31.5	12.4	−46.5	48.2	285.0
450	Y00G_062_062e	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.526	0.0	58.4	−2.2	54.8	54.9	92.3	0.625	0.625	0.0	66.7	−10.2	62.3	63.1	99.2	13.6	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
451	Y00G_062_050e	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.545	0.125	60.0	−1.7	43.9	43.9	92.3	0.625	0.625	0.125	67.7	−9.2	48.5	49.4	100.7	11.6	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
452	Y00G_062_037e	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.565	0.25	61.6	−1.3	32.9	32.9	92.3	0.625	0.625	0.25	68.8	−7.5	34.1	34.9	102.5	9.6	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
453	Y00G_062_025e	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.585	0.375	63.1	−0.8	21.9	21.9	92.3	0.625	0.625	0.375	69.7	−5.4	20.9	21.6	104.5	8.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
454	Y00G_062_012e	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.605	0.5	64.7	−0.4	10.9	10.9	92.3	0.625	0.625	0.5	71.2	−3.0	9.5	9.9	107.6	7.1	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
455	NW_062e	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	72.2	−0.3	−0.4	0.5	236.5	5.9	360	1.0	1.0	1.0	95.4	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	68.8	0.1	−5.6	5.6	271.7	0.625	0.625	0.75	72.1	2.8	−6.3	7.0	294.3	4.3	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
457	B00R_087_025e	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.718	0.875	71.3	0.3	−11.3	11.3	271.7	0.625	0.625	0.875	71.5	7.4	−11.9	14.0	301.8	7.0	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
458	B00R_100_037e	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.765	1.0	73.8	0.5	−17.0	17.0	271.7	0.625	0.625	1.0	69.1	10.5	−17.4	20.4	301.2	11.1	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
459	Y15G_075_075e	0.625	0.75	0.0	0.75	0.75	0.375	99	0.58	0.75	0.0	67.0	−14.3	63.0	64.6	102.7	0.625	0.75	0.0	71.1	−14.9	68.3	69.9	102.3	6.7	102	0.773	1.0	0.0	83.5	−19.1	84.0	86.2	102.7
460	Y18G_075_062e	0.625	0.75	0.125	0.75	0.625	0.437	101	0.565	0.75	0.125	66.9	−13.6	50.4	52.2	105.1	0.625	0.75	0.125	71.9	−14.0	54.1	55.9	104.5	6.2	106	0.705	1.0	0.0	80.8	−21.8	80.6	83.5	105.1
461	Y23G_075_050e	0.625	0.75	0.25	0.75	0.5	0.5	104	0.559	0.75	0.25	66.7	−12.7	37.9	40.0	108.6	0.625	0.75	0.25	73.1	−12.7	41.1	43.0	107.1	7.1	112	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
462	Y31G_075_037e	0.625	0.75	0.375	0.75	0.375	0.562	109	0.568	0.75	0.375	67.7	−11.5	25.2	27.7	114.4	0.625	0.75	0.375	74.0	−11.0	27.6	29.7	111.7	6.7	118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
463	Y50G_075_025e	0.625	0.75	0.5	0.75	0.25	0.625	120	0.581	0.75	0.5	68.6	−10.3	13.6	17.0	127.2	0.625	0.75	0.5	74.4	−8.8	15.2	17.6	120.1	6.2	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
464	G00B_075_012e	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.636	70.6	−8.3	2.6	8.8	162.2	0.625	0.75	0.625	75.8	−6.1	4.7	7.7	142.4	6.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
465	G50B_075_012e	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.716	71.1	−4.9	−3.7	6.2	216.9	0.625	0.75	0.75	76.8	−3.3	−4.6	5.7	233.9	5.9	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
466	G75B_087_025e	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.821	0.875	75.0	−5.2	−11.0	12.2	244.3	0.625	0.75	0.875	77.2	−0.2	−10.5	10.5	268.8	5.5	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
467	G84B_100_037e	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.85	1.0	77.2	−4.6	−16.7	17.3	254.3	0.625	0.75	1.0	74.1	4.3	−16.2	16.7	284.9	9.5	233	0.0	0.601	1.0	46.8	−12.4	−44.6	46.3	254.3
468	Y26G_087_087e	0.625	0.875	0.0	0.875	0.875	0.437	106	0.506	0.875	0.0	68.2	−24.3	63.5	68.0	110.9	0.625	0.875	0.0	75.7	−19.8	74.1	76.7	104.9	13.7	114	0.578	1.0	0.0	75.4	−27.7	72.5	77.7	110.9
469	Y31G_087_075e	0.625	0.875	0.125	0.875	0.75	0.5	109	0.512	0.875	0.125	69.1	−23.0	50.5	55.5	114.4	0.625	0.875	0.125	76.4	−19.0	60.5	63.5	107.4	12.9	118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
470	Y38G_087_062e	0.625	0.875	0.25	0.875	0.625	0.562	113	0.521	0.875	0.25	70.2	−21.5	38.6	44.2	119.1	0.625	0.875	0.25	77.1	−18.1	48.0	51.4	110.6	12.0	124	0.433	1.0	0.0	70.7	−34.4	61.9	70.8	119.1
471	Y50G_087_050e	0.625	0.875	0.375	0.875	0.5	0.625	120	0.538	0.875	0.375	70.9	−20.7	27.2	34.1	127.2	0.625	0.875	0.375	77.4	−16.7	33.6	37.6	116.5	9.9	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
472	Y68G_087_037e	0.625	0.875	0.5	0.875	0.375	0.687	131	0.569	0.875	0.5	72.0	−19.4	16.2	25.3	140.0	0.625	0.875	0.5	78.2	−14.7	20.5	25.2	125.7	8.8	140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
473	G00B_087_025e	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.648	74.9	−16.7	5.3	17.6	162.2	0.625	0.875	0.625	79.8	−11.8	10.2	15.6	139.0	8.4	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
474	G25B_087_025e	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.74	75.5	−13.3	−2.2	13.4	189.6	0.625	0.875	0.75	81.1	−9.0	0.1	9.0	179.1	7.4	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
475	G50B_087_025e	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.808	76.0	−9.9	−7.4	12.4	216.9	0.625	0.875	0.875	81.8	−6.1	−8.9	10.8	235.4	7.0	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
476	G65B_100_037e	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	1.0	0.99	81.4	−11.4	−15.9	19.5	234.3	0.625	0.875	1.0	79.9	−3.4	−14.8	15.2	256.9	8.1	208	0.0	1.0	0.973	58.1	−30.4	−42.4	52.2	234.3
477	Y36G_100_100e	0.625	1.0	0.0	1.0	1.0	0.5	112	0.454	1.0	0.0	71.3	−33.5	63.2	71.5	117.9	0.625	1.0	0.0	77.0	−25.2	76.3	80.4	108.3	16.5	122	0.454	1.0	0.0	71.3	−33.5	63.2	71.5	117.9
478	Y41G_100_087e	0.625	1.0	0.125	1.0	0.875	0.562	115	0.468	1.0	0.125	72.7	−31.6	51.8	60.7	121.4	0.625	1.0	0.125	78.0	−24.2	63.8	68.2	110.7	15.1	127	0.392	1.0	0.0	69.4	−36.2	59.2	69.4	121.4
479	Y50G_100_075e	0.625	1.0	0.25	1.0	0.75	0.625	120	0.495	1.0	0.25	73.2	−31.0	40.8	51.2	127.2	0.625	1.0	0.25	78.2	−23.6	50.6	55.8	115.0	13.2	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
480	Y61G_100_062e	0.625	1.0	0.375	1.0	0.625	0.687	127	0.527	1.0	0.375	73.7	−30.1	29.6	42.2	135.4	0.625	1.0	0.375	78.4	−22.7	37.4	43.8	121.2	11.7	136	0.243	1.0	0.0	60.7	−48.1	47.4	67.6	135.4
481	Y76G_100_050e	0.625	1.0	0.5	1.0	0.5	0.75	136	0.556	1.0	0.5	76.1	−28.1	19.0	34.0	145.9	0.625	1.0	0.5	79.5	−20.6	25.6	32.9	128.7	10.5	144	0.113	1.0	0.0	56.9	−56.3	38.1	68.0	145.9
482	G00B_100_037e	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.659	79.3	−25.1	8.0	26.4	162.2	0.625	1.0	0.625	81.0	−17.6	14.7	22.9	140.1	10.2	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
483	G15B_100_037e	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.758	79.9	−21.6	0.1	21.6	179.5	0.625	1.0	0.75	82.3	−14.7	4.7	15.4	162.0	8.6	170	0.0	1.0	0.356	53.9	−57.8	0.4	57.8	179.5
484	G34B_100_037e	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.835	80.4	−18.1	−6.4	19.2	199.6	0.625	1.0	0.875	83.1	−11.9	−5.2	13.0	203.7	6.8	184	0.0	1.0	0.561	55.3	−48.4	−17.2	51.3	199.6
485	G50B_100_037e	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	0.9	80.9	−14.9	−11.2	18.6	216.9	0.625	1.0	1.0	84.2	−8.8	−13.3	16.0	236.5	7.2	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

Mean color difference of this page: delta $E^{*\prime}$ = 12.7

1−0132430−F0

RE550−7N, Page 25/33−F

TUB-test chart RE55; 1080 standard colours
colors and differences, $\Delta E^{*\prime}$

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

http://130.149.60.45/~farbmetrik/RE55/RE55L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 26/33

n	HIC*Fe	rgb_Fe			ict_Fe			hsi_F,e	rgb*Fe			LabCh*Fe				
486	R00Y_075_075e	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.157	40.1	48.7	23.2	53.9	25.4
487	R35Y_075_075e	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.321	40.2	50.2	13.8	52.0	15.4
488	R18Y_075_075e	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.495	40.4	52.0	3.9	52.2	4.3
489	R00Y_075_075e	0.75	0.0	0.375	0.75	0.75	0.375	360	0.711	0.0	0.75	39.9	53.6	−7.4	54.1	352.0
490	B65R_075_075e	0.75	0.0	0.5	0.75	0.75	0.375	349	0.554	0.0	0.75	36.6	49.0	−11.6	50.4	346.6
491	B57R_075_075e	0.75	0.0	0.625	0.75	0.75	0.375	339	0.427	0.0	0.75	34.1	42.5	−17.9	46.1	337.1
492	B50R_075_075e	0.75	0.0	0.75	0.75	0.75	0.375	330	0.305	0.0	0.75	30.5	36.9	−22.5	43.3	328.6
493	B43R_087_087e	0.75	0.0	0.875	0.875	0.875	0.437	322	0.283	0.0	0.875	30.9	37.7	−30.5	48.5	321.0
494	B38R_100_100e	0.75	0.0	1.0	1.0	1.0	0.5	316	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
495	R15Y_075_075e	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.5
496	R00Y_075_062e	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.255	46.1	40.5	19.3	44.9	25.4
497	R31Y_075_062e	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.419	46.2	42.1	9.9	43.2	13.2
498	R11Y_075_062e	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.603	46.4	44.1	−0.1	44.1	359.8
499	B69R_075_062e	0.75	0.125	0.5	0.75	0.625	0.437	353	0.675	0.125	0.75	45.1	43.5	−7.3	44.1	350.4
500	B59R_075_062e	0.75	0.125	0.625	0.75	0.625	0.437	341	0.507	0.125	0.75	41.7	36.4	−13.9	39.0	339.0
501	B50R_075_062e	0.75	0.125	0.75	0.75	0.625	0.437	330	0.379	0.125	0.75	38.1	30.8	−18.7	36.0	328.6
502	B42R_087_075e	0.75	0.125	0.875	0.875	0.75	0.5	321	0.361	0.125	0.875	38.7	31.7	−26.6	41.4	320.0
503	B36R_100_087e	0.75	0.125	1.0	1.0	0.875	0.562	314	0.349	0.125	1.0	39.6	32.2	−34.0	46.8	313.4
504	R31Y_075_075e	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.154	0.0	45.1	36.1	38.2	52.6	46.6
505	R18Y_075_062e	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.175	0.125	47.5	36.3	28.1	45.9	37.7
506	R00Y_075_050e	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.354	52.1	32.4	15.4	35.9	25.4
507	R26Y_075_050e	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.519	52.2	34.0	5.9	34.6	9.8
508	R00Y_075_050e	0.75	0.25	0.5	0.75	0.5	0.5	360	0.724	0.25	0.75	51.9	35.7	−4.9	36.0	352.0
509	B61R_075_050e	0.75	0.25	0.625	0.75	0.5	0.5	344	0.58	0.25	0.75	49.1	30.5	−9.9	32.1	341.8
510	B50R_075_050e	0.75	0.25	0.75	0.75	0.5	0.5	330	0.453	0.25	0.75	45.7	24.6	−15.0	28.8	328.6
511	B40R_087_062e	0.75	0.25	0.875	0.875	0.625	0.562	319	0.436	0.25	0.875	46.3	25.5	−22.8	34.2	318.1
512	B34R_100_075e	0.75	0.25	1.0	1.0	0.75	0.625	311	0.403	0.25	1.0	46.9	26.0	−30.3	39.9	310.5
513	R50Y_075_075e	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.262	0.0	49.6	26.7	44.2	51.7	58.8
514	R38Y_075_062e	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.288	0.125	51.7	27.1	33.6	43.2	51.0
515	R23Y_075_050e	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.316	0.25	54.0	27.1	23.6	35.9	41.0
516	R00Y_075_037e	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.453	58.0	24.3	11.6	26.9	25.4
517	R18Y_075_037e	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.622	58.2	26.0	1.9	26.1	4.3
518	B65R_075_037e	0.75	0.375	0.625	0.75	0.375	0.562	349	0.652	0.375	0.75	56.3	24.5	−5.8	25.2	346.6
519	B50R_075_037e	0.75	0.375	0.75	0.75	0.375	0.562	330	0.527	0.375	0.75	53.3	18.4	−11.2	21.6	328.6
520	B38R_087_050e	0.75	0.375	0.875	0.875	0.5	0.625	316	0.511	0.375	0.875	54.0	19.2	−19.0	27.0	315.3
521	B30R_100_062e	0.75	0.375	1.0	1.0	0.625	0.687	307	0.453	0.375	1.0	54.1	19.9	−26.6	33.2	306.8
522	R68Y_075_075e	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.371	0.0	54.7	17.2	50.5	53.4	71.1
523	R61Y_075_062e	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.401	0.125	56.6	17.3	40.2	43.8	66.6
524	R50Y_075_050e	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.424	0.25	58.4	17.8	29.5	34.4	58.8
525	R31Y_075_037e	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.452	0.375	60.6	18.0	19.1	26.3	46.6
526	R00Y_075_025e	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.552	64.0	16.2	7.7	17.9	25.4
527	R00Y_075_025e	0.75	0.5	0.625	0.75	0.25	0.625	360	0.737	0.5	0.75	63.9	17.8	−2.4	18.0	352.0
528	B50R_075_025e	0.75	0.5	0.75	0.75	0.25	0.625	330	0.601	0.5	0.75	60.8	12.3	−7.5	14.4	328.6
529	B34R_087_037e	0.75	0.5	0.875	0.875	0.375	0.687	311	0.576	0.5	0.875	61.4	13.0	−15.1	19.9	310.5
530	B25R_100_050e	0.75	0.5	1.0	1.0	0.5	0.75	300	0.522	0.5	1.0	61.1	13.3	−22.9	26.4	300.1
531	R85Y_075_075e	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.476	0.0	59.9	7.7	57.5	58.0	82.2
532	R81Y_075_062e	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.502	0.125	61.7	8.2	46.8	47.5	80.0
533	R76Y_075_050e	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.531	0.25	63.5	8.5	36.1	37.0	76.7
534	R68Y_075_037e	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.56	0.375	65.3	8.6	25.2	26.7	71.1
535	R50Y_075_025e	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.587	0.5	67.2	8.9	14.7	17.2	58.8
536	R00Y_075_012e	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.651	70.0	8.1	3.8	8.9	25.4
537	B50R_075_012e	0.75	0.625	0.75	0.75	0.125	0.687	330	0.675	0.625	0.75	68.4	6.1	−3.7	7.2	328.6
538	B25R_087_025e	0.75	0.625	0.875	0.875	0.25	0.75	300	0.636	0.625	0.875	68.5	6.6	−11.4	13.2	300.1
539	B15R_100_037e	0.75	0.625	1.0	1.0	0.375	0.812	289	0.625	0.675	1.0	70.5	6.3	−17.6	18.7	289.7
540	Y00G_075_075e	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.631	0.0	66.6	−2.6	65.8	65.9	92.3
541	Y00G_075_062e	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.651	0.125	68.2	−2.2	54.8	54.9	92.3
542	Y00G_075_050e	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.67	0.25	69.7	−1.7	43.9	43.9	92.3
543	Y00G_075_037e	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.69	0.375	71.3	−1.3	32.9	32.9	92.3
544	Y00G_075_025e	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.71	0.5	72.9	−0.8	21.9	21.9	92.3
545	Y00G_075_012e	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.73	0.625	74.4	−0.4	10.9	10.9	92.3
546	NW_075e	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	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	78.5	0.1	−5.6	5.6	271.7
548	B00R_100_025e	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.843	1.0	81.0	0.3	−11.3	11.3	271.7
549	Y13G_087_087e	0.75	0.875	0.0	0.875	0.875	0.437	98	0.719	0.875	0.0	76.2	−15.5	75.4	77.0	101.6
550	Y15G_087_075e	0.75	0.875	0.125	0.875	0.75	0.5	99	0.705	0.875	0.125	76.8	−14.3	63.0	64.6	102.7
551	Y18G_087_062e	0.75	0.875	0.25	0.875	0.625	0.562	101	0.69	0.875	0.25	76.6	−13.6	50.4	52.2	105.1
552	Y23G_087_050e	0.75	0.875	0.375	0.875	0.5	0.625	104	0.684	0.875	0.375	76.4	−12.7	37.9	40.0	108.6
553	Y31G_087_037e	0.75	0.875	0.5	0.875	0.375	0.687	109	0.693	0.875	0.5	77.4	−11.5	25.2	27.7	114.4
554	Y50G_087_025e	0.75	0.875	0.625	0.875	0.25	0.75	120	0.706	0.875	0.625	78.3	−10.3	13.6	17.0	127.2
555	G00B_087_012e	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.761	80.3	−8.3	2.6	8.8	162.2
556	G50B_087_012e	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.841	80.9	−4.9	−3.7	6.2	216.9
557	G75B_100_025e	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.946	1.0	84.7	−5.2	−11.0	12.2	244.3
558	Y23G_100_100e	0.75	1.0	0.0	1.0	1.0	0.5	104	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
559	Y26G_100_087e	0.75	1.0	0.125	1.0	0.875	0.562	106	0.631	1.0	0.125	77.9	−24.3	63.5	68.0	110.9
560	Y31G_100_075e	0.75	1.0	0.25	1.0	0.75	0.625	109	0.637	1.0	0.25	78.8	−23.0	50.5	55.5	114.4
561	Y38G_100_062e	0.75	1.0	0.375	1.0	0.625	0.687	113	0.646	1.0	0.375	80.0	−21.5	38.6	44.2	119.1
562	Y50G_100_050e	0.75	1.0	0.5	1.0	0.5	0.75	120	0.663	1.0	0.5	80.6	−20.7	27.2	34.1	127.2
563	Y68G_100_037e	0.75	1.0	0.625	1.0	0.375	0.812	131	0.694	1.0	0.625	81.8	−19.4	16.2	25.3	140.0
564	G00B_100_025e	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.773	84.7	−16.7	5.3	17.6	162.2
565	G25B_100_025e	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.865	85.2	−13.3	−2.2	13.4	189.6
566	G50B_100_025e	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	0.933	85.7	−9.9	−7.4	12.4	216.9

n	rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
486	0.75	0.0	0.0	40.4	50.6	32.9	60.4	33.0	9.9	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
487	0.75	0.0	0.125	40.6	51.4	27.1	58.1	27.8	13.3	364	1.0	0.0	0.428	47.7	66.9	18.5	69.4	15.4
488	0.75	0.0	0.25	40.9	52.7	19.3	56.1	20.1	15.4	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
489	0.75	0.0	0.375	40.9	54.2	10.0	55.1	10.4	17.5	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
490	0.75	0.0	0.5	40.9	56.3	2.3	56.4	2.3	16.3	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
491	0.75	0.0	0.625	41.1	58.0	−3.7	58.1	356.3	22.1	304	0.57	0.0	1.0	39.6	56.7	−23.9	61.5	337.1
492	0.75	0.0	0.75	41.3	59.1	−8.4	59.7	351.8	28.4	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
493	0.75	0.0	0.875	42.8	63.9	−11.5	65.0	349.7	34.4	288	0.323	0.0	1.0	32.8	43.1	−34.9	55.5	321.0
494	0.75	0.0	1.0	43.1	65.9	−14.9	67.6	347.2	37.5	285	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
495	0.75	0.125	0.0	44.9	40.4	38.4	55.7	43.5	8.8	32	1.0	0.044	0.0	48.7	60.7	43.3	74.6	35.5
496	0.75	0.125	0.125	45.6	40.2	30.5	50.5	37.2	11.2	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
497	0.75	0.125	0.25	46.0	41.0	22.5	46.8	28.8	12.7	361	1.0	0.0	0.47	47.7	67.4	15.8	69.2	13.2
498	0.75	0.125	0.375	46.6	42.1	13.1	44.1	17.2	13.3	342	1.0	0.0	0.765	48.1	70.6	−0.1	70.6	359.8
499	0.75	0.125	0.5	46.8	44.1	3.8	44.3	4.9	11.3	323	0.881	0.0	1.0	46.0	69.6	−11.7	70.6	350.4
500	0.75	0.125	0.625	47.2	45.4	−2.7	45.5	356.5	15.4	307	0.611	0.0	1.0	40.6	58.3	−22.3	62.4	339.0
501	0.75	0.125	0.75	47.4	47.2	−8.2	48.0	350.0	21.6	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
502	0.75	0.125	0.875	48.7	52.7	−11.6	53.9	347.4	27.5	287	0.315	0.0	1.0	32.7	42.3	−35.4	55.2	320.0
503	0.75	0.125	1.0	48.3	56.0	−15.3	58.1	344.6	31.4	284	0.256	0.0	1.0	31.6	36.8	−38.9	53.5	313.4
504	0.75	0.25	0.0	51.3	28.1	45.6	53.6	58.2	12.4	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
505	0.75	0.25	0.125	51.9	29.1	35.7	46.1	50.8	11.4	34	1.0	0.08	0.0	49.8	58.1	44.9	73.5	37.7
506	0.75	0.25	0.25	53.0	29.2	26.0	39.1	41.6	11.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
507	0.75	0.25	0.375	53.5	30.4	16.3	34.5	28.3	11.1	357	1.0	0.0	0.538	47.8	68.1	11.8	69.2	9.8
508	0.75	0.25	0.5	54.1	32.4	6.8	33.1	11.9	12.5	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
509	0.75	0.25	0.625	54.9	33.8	−1.0	33.8	358.2	11.2	310	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8
510	0.75	0.25	0.75	55.1	35.4	−7.4	36.2	348.1	16.2	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
511	0.75	0.25	0.875	56.1	40.5	−11.0	42.0	344.7	21.5	286	0.298	0.0	1.0	32.4	40.8	−36.5	54.7	318.1
512	0.75	0.25	1.0	55.1	43.9	−14.7	46.3	341.4	25.1	281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
513	0.75	0.375	0.0	58.5	14.8	53.4	55.4	74.4	17.3	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
514	0.75	0.375	0.125	58.3	17.2	41.2	44.7	67.3	14.1	44	1.0	0.262	0.0	56.5	43.4	53.8	69.1	51.0
515	0.75	0.375	0.25	59.2	18.2	30.2	35.3	58.9	12.2	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
516	0.75	0.375	0.375	60.3	19.0	19.1	27.0	45.1	9.5	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
517	0.75	0.375	0.5	61.1	20.6	10.1	22.9	26.0	10.1	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
518	0.75	0.375	0.625	61.7	22.5	0.8	22.5	2.1	8.8	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
519	0.75	0.375	0.75	62.3	24.5	−6.0	25.2	346.1	12.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
520	0.75	0.375	0.875	62.9	29.2	−9.9	30.8	341.2	16.2	285	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
521	0.75	0.375	1.0	61.3	33.7	−13.8	36.5	337.7	20.1	276	0.126	0.0	1.0	29.3	31.8	−42.5	53.1	306.8
522	0.75	0.5	0.0	65.3	3.7	61.2	61.4	86.4	20.2	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
523	0.75	0.5	0.125	65.8	4.9	48.4	48.6	84.1	17.4	56	1.0	0.441	0.0	64.5	27.7	64.4	70.1	66.6
524	0.75	0.5	0.25	66.3	6.8	35.2	35.9	78.9	14.6	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
525	0.75	0.5	0.375	67.1	8.8	23.2	24.8	69.2	12.0	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
526	0.75	0.5	0.5	68.1	10.5	12.8	16.6	50.6	8.6	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
527	0.75	0.5	0.625	68.9	12.4	3.9	13.0	17.6	9.7	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
528	0.75	0.5	0.75	69.9	14.4	−4.0	15.0	344.2	9.9	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
529	0.75	0.5	0.875	70.4	18.9	−8.4	20.7	336.0	12.7	281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
530	0.75	0.5	1.0	67.0	24.7	−13.3	28.1	331.7	16.0	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
531	0.75	0.625	0.0	70.9	−5.2	67.9	68.1	94.4	19.9	68	1.0	0.634	0.0	74.0	10.3	76.7	77.4	82.2
532	0.75	0.625	0.125	71.8	−4.0	54.0	54.1	94.3	17.4	66	1.0	0.604	0.0	72.5	13.1	74.9	76.0	80.0
533	0.75	0.625	0.25	72.6	−2.5	40.3	40.4	93.6	14.9	64	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
534	0.75	0.625	0.375	73.6	−0.7	27.1	27.1	91.5	12.6	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
535	0.75	0.625	0.5	74.2	1.8	15.9	16.0	83.4	10.0	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
536	0.75	0.625	0.625	75.2	3.9	6.3	7.4	58.1	7.1	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
537	0.75	0.625	0.75	76.0	6.3	−2.3	6.7	339.6	7.7	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
538	0.75	0.625	0.875	75.3	11.3	−7.4	13.5	326.7	9.1	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
539	0.75	0.625	1.0	73.6	14.6	−12.0	19.0	320.6	10.5	262	0.0	0.133	1.0	28.9	16.8	−46.9	49.8	289.7
540	0.75	0.75	0.0	75.0	−11.3	72.0	72.9	98.9	13.6	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
541	0.75	0.75	0.125	75.8	−10.4	57.9	58.8	100.1	11.5	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
542	0.75	0.75	0.25	76.8	−9.0	43.9	44.8	101.6	10.1	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
543	0.75	0.75	0.375	77.9	−7.1	30.3	31.1	103.3	9.2	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
544	0.75	0.75	0.5	79.0	−5.0	18.6	19.3	105.1	8.1	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
545	0.75	0.75	0.625	80.1	−2.7	8.6	9.0	107.8	6.5	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
546	0.75	0.75	0.75	80.8	−0.2	−0.4	0.5	237.4	4.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
547	0.75	0.75	0.875	81.6	3.1	−5.7	6.5	298.9	4.3	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
548	0.75	0.75	1.0	78.9	8.0	−10.5	13.2	307.1	8.0	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
549	0.75	0.875	0.0	80.0	−15.6	79.0	80.5	101.1	5.1	99	0.822	1.0	0.0	84.6	−17.7	86.2	88.0	101.6
550	0.75	0.875	0.125	80.9	−14.7	64.2	65.9	102.8	4.3	102	0.773	1.0	0.0	83.5	−19.1	84.0	86.2	102.7
551	0.75	0.875	0.25	81.8	−13.4	51.2	53.0	104.7	5.2	106	0.705	1.0	0.0	80.8	−21.8	80.6	83.5	105.1
552	0.75	0.875	0.375	82.6	−11.9	37.0	38.9	107.8	6.3	112	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
553	0.75	0.875	0.5	83.6	−9.7	24.7	26.6	111.5	6.4	118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
554	0.75	0.875	0.625	84.3	−7.7	14.0	16.0	119.0	6.5	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
555	0.75	0.875	0.75	85.3	−5.4	4.5	7.0	140.0	6.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
556	0.75	0.875	0.875	86.2	−2.8	−3.9	4.8	234.6	5.8	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
557	0.75	0.875	1.0	84.8	0.5	−9.1	9.1	273.5	6.1	221	0.0	0.784	1.0	52.7	−21.1	−44.1	48.9	244.3
558	0.75	1.0	0.0	82.9	−19.7	83.0	85.3	103.3	11.0	112	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
559	0.75	1.0	0.125	83.6	−18.9	68.5	71.1	105.4	9.3	114	0.578	1.0	0.0	75.4	−27.7	72.5	77.7	110.9
560	0.75	1.0	0.25	84.3	−17.8	55.0	57.9	107.9	8.7	118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
561	0.75	1.0	0.375	85.2	−16.3	42.5	45.5	110.9	8.3	124	0.433	1.0	0.0	70.7	−34.4	61.9	70.8	119.1
562	0.75	1.0	0.5	85.6	−14.8	29.6	33.1	116.5	8.1	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
563	0.75	1.0	0.625	86.6	−12.6	18.4	22.3	124.3	8.6	140	0.184	1.0	0.0	59.0	−51.7	43.3	67.4	140.0
564	0.75	1.0	0.75	87.7	−10.1	8.7	13.3	139.0	8.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
565	0.75	1.0	0.875	88.6	−7.7	0.1	7.7	178.5	6.9	177	0.0	1.0	0.46	54.6	−53.2	−9.0	53.9	189.6
566	0.75	1.0	1.0	89.3	−5.1	−7.6	9.2	235.9	5.9	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

Mean color difference of this page: delta $E^{*\prime}$ = 12.8

1−0132530−F0

RE550−7N, Page 26/33−F

TUB-test chart RE55; 1080 standard colours
colors and differences, $\Delta E^{*\prime}$

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

1−0132530−F0

http://130.149.60.45/~farbmetrik/RE55/RE55L0NA.TXT /.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					rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
567	R00Y_087_087$_e$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.183	43.9	56.8	27.0	62.9	25.4	0.875	0.0	0.0	44.5	58.8	36.5	69.2	31.8	9.7	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
568	R36Y_087_087$_e$	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.356	44.0	58.3	17.3	60.8	16.5	0.875	0.0	0.125	44.6	59.5	30.5	66.9	27.1	13.3	366	1.0	0.0	0.407	47.7	66.6	19.8	69.5	16.5
569	R23Y_087_087$_e$	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.513	44.1	60.0	8.0	60.6	7.6	0.875	0.0	0.25	44.8	60.2	24.2	64.9	21.8	16.1	354	1.0	0.0	0.586	47.9	68.6	9.2	69.2	7.6
570	R08Y_087_087$_e$	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.734	44.4	62.4	−2.5	62.4	357.6	0.875	0.0	0.375	44.9	61.7	15.9	63.7	14.4	18.5	338	1.0	0.0	0.838	48.2	71.3	−2.9	71.4	357.6
571	B70R_087_087$_e$	0.875	0.0	0.5	0.875	0.875	0.437	355	0.839	0.0	0.875	43.7	62.7	−8.4	63.3	352.3	0.875	0.0	0.5	45.1	63.5	7.6	63.9	6.8	16.2	327	0.958	0.0	1.0	47.5	71.7	−9.6	72.4	352.3
572	B63R_087_087$_e$	0.875	0.0	0.625	0.875	0.875	0.437	346	0.606	0.0	0.875	39.1	54.9	−15.9	57.2	343.7	0.875	0.0	0.625	45.3	64.8	0.7	64.8	0.6	20.4	312	0.693	0.0	1.0	42.1	62.8	−18.2	65.4	343.7
573	B56R_087_087$_e$	0.875	0.0	0.75	0.875	0.875	0.437	338	0.481	0.0	0.875	36.4	48.8	−21.5	53.4	336.1	0.875	0.0	0.75	45.4	66.2	−4.4	66.3	356.1	25.9	303	0.549	0.0	1.0	39.1	55.8	−24.6	61.0	336.1
574	B50R_087_087$_e$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.356	0.0	0.875	32.7	43.1	−26.3	50.5	328.6	0.875	0.0	0.875	45.5	67.6	−8.9	68.2	352.4	32.6	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
575	B44R_100_100$_e$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.332	0.0	1.0	33.0	43.9	−34.3	55.7	321.9	0.875	0.0	1.0	45.9	69.4	−11.9	70.5	350.2	36.3	289	0.332	0.0	1.0	33.0	43.9	−34.3	55.7	321.9
576	R13Y_087_087$_e$	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.022	0.0	44.3	54.3	37.1	65.8	34.3	0.875	0.125	0.0	49.5	47.9	41.9	63.7	41.2	9.5	31	1.0	0.025	0.0	48.1	62.0	42.4	75.2	34.3
577	R00Y_087_075$_e$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.282	49.8	48.7	23.2	53.9	25.4	0.875	0.125	0.125	49.7	48.3	35.1	59.7	36.0	11.9	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
578	R35Y_087_075$_e$	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.446	49.9	50.2	13.8	52.0	15.4	0.875	0.125	0.25	50.0	48.9	28.0	56.4	29.7	14.1	364	1.0	0.0	0.428	47.7	66.9	18.5	69.4	15.4
579	R18Y_087_075$_e$	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.62	50.2	52.0	3.9	52.2	4.3	0.875	0.125	0.375	50.5	50.0	18.7	53.4	20.5	15.0	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
580	R00Y_087_075$_e$	0.875	0.125	0.5	0.875	0.75	0.5	360	0.836	0.125	0.875	49.6	53.6	−7.4	54.1	352.0	0.875	0.125	0.5	50.6	51.8	9.7	52.7	10.6	17.3	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
581	B65R_087_075$_e$	0.875	0.125	0.625	0.875	0.75	0.5	349	0.679	0.125	0.875	46.3	49.0	−11.6	50.4	346.6	0.875	0.125	0.625	51.3	53.1	1.9	53.1	2.1	15.0	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
582	B57R_087_075$_e$	0.875	0.125	0.75	0.875	0.75	0.5	339	0.552	0.125	0.875	43.8	42.5	−17.9	46.1	337.1	0.875	0.125	0.75	51.3	54.8	−4.2	54.9	355.5	19.8	304	0.57	0.0	1.0	39.6	56.7	−23.9	61.5	337.1
583	B50R_087_075$_e$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.43	0.125	0.875	40.2	36.9	−22.5	43.3	328.6	0.875	0.125	0.875	51.7	55.8	−8.9	56.5	350.8	25.9	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
584	B43R_100_087$_e$	0.875	0.125	1.0	1.0	0.875	0.562	322	0.408	0.125	1.0	40.7	37.7	−30.5	48.5	321.0	0.875	0.125	1.0	51.4	58.8	−12.3	60.1	348.1	29.8	288	0.323	0.0	1.0	32.8	43.1	−34.9	55.5	321.0
585	R26Y_087_087$_e$	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.142	0.0	48.2	45.3	42.7	62.3	43.3	0.875	0.25	0.0	54.6	36.3	50.0	61.8	54.0	13.2	38	1.0	0.162	0.0	52.6	51.8	48.8	71.2	43.3
586	R15Y_087_075$_e$	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.158	0.125	50.6	45.5	32.5	55.9	35.5	0.875	0.25	0.125	55.1	36.9	40.5	54.8	47.6	12.6	32	1.0	0.044	0.0	48.7	60.7	43.3	74.6	35.5
587	R00Y_087_062$_e$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.38	55.8	40.5	19.3	44.9	25.4	0.875	0.25	0.25	56.2	36.3	31.9	48.4	41.2	13.2	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
588	R31Y_087_062$_e$	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.544	55.9	42.1	9.9	43.2	13.2	0.875	0.25	0.375	56.6	37.6	22.7	43.9	31.1	13.5	361	1.0	0.0	0.47	47.7	67.4	15.8	69.2	13.2
589	R11Y_087_062$_e$	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.728	56.1	44.1	−0.1	44.1	359.8	0.875	0.25	0.5	57.1	39.0	13.1	41.2	18.5	14.2	342	1.0	0.0	0.765	48.1	70.6	−0.1	70.6	359.8
590	B69R_087_062$_e$	0.875	0.25	0.625	0.875	0.625	0.562	353	0.8	0.25	0.875	54.8	43.5	−7.3	44.1	350.4	0.875	0.25	0.625	57.8	40.7	4.0	40.9	5.6	12.0	323	0.881	0.0	1.0	46.0	69.6	−11.7	70.6	350.4
591	B59R_087_062$_e$	0.875	0.25	0.75	0.875	0.625	0.562	341	0.632	0.25	0.875	51.5	36.4	−13.9	39.0	339.0	0.875	0.25	0.75	58.0	42.4	−2.7	42.4	356.2	14.2	307	0.611	0.0	1.0	40.6	58.3	−22.3	62.4	339.0
592	B50R_087_062$_e$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.504	0.25	0.875	47.8	30.8	−18.7	36.0	328.6	0.875	0.25	0.875	58.6	43.6	−8.2	44.4	349.2	19.8	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
593	B42R_100_075$_e$	0.875	0.25	1.0	1.0	0.75	0.625	321	0.486	0.25	1.0	48.4	31.7	−26.6	41.4	320.0	0.875	0.25	1.0	58.2	47.0	−11.3	48.3	346.4	23.7	287	0.315	0.0	1.0	32.7	42.3	−35.4	55.2	320.0
594	R41Y_087_087$_e$	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.251	0.0	52.6	36.1	48.4	60.4	53.3	0.875	0.375	0.0	61.0	24.0	57.6	62.4	67.3	17.3	46	1.0	0.287	0.0	57.6	41.2	55.4	69.0	53.3
595	R31Y_087_075$_e$	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.279	0.125	54.9	36.1	38.2	52.6	46.6	0.875	0.375	0.125	61.3	24.7	46.7	52.9	62.0	15.5	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
596	R18Y_087_062$_e$	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.3	0.25	57.2	36.3	28.1	45.9	37.7	0.875	0.375	0.25	62.0	25.3	36.6	44.5	55.3	14.7	34	1.0	0.08	0.0	49.8	58.1	44.9	73.5	37.7
597	R00Y_087_050$_e$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.479	61.8	32.4	15.4	35.9	25.4	0.875	0.375	0.375	63.1	25.8	25.8	36.5	45.0	12.4	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
598	R26Y_087_050$_e$	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.644	61.9	34.0	5.9	34.6	9.8	0.875	0.375	0.5	63.6	27.5	16.3	32.0	30.7	12.4	357	1.0	0.0	0.538	47.8	68.1	11.8	69.2	9.8
599	R00Y_087_050$_e$	0.875	0.375	0.625	0.875	0.5	0.625	360	0.849	0.375	0.875	61.6	35.7	−4.9	36.0	352.0	0.875	0.375	0.625	64.6	28.9	7.0	29.7	13.6	14.1	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
600	B61R_087_050$_e$	0.875	0.375	0.75	0.875	0.5	0.625	344	0.705	0.375	0.875	58.8	30.5	−9.9	32.1	341.8	0.875	0.375	0.75	65.2	30.6	−0.7	30.6	358.5	11.2	310	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8
601	B50R_087_050$_e$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.578	0.375	0.875	55.4	24.6	−15.0	28.8	328.6	0.875	0.375	0.875	65.9	31.9	−6.8	32.6	347.9	15.1	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
602	B40R_100_062$_e$	0.875	0.375	1.0	1.0	0.625	0.687	319	0.561	0.375	1.0	56.0	25.5	−22.8	34.2	318.1	0.875	0.375	1.0	64.0	36.8	−10.7	38.3	343.7	18.3	286	0.298	0.0	1.0	32.4	40.8	−36.5	54.7	318.1
603	R58Y_087_087$_e$	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.363	0.0	57.5	26.2	55.0	60.9	64.4	0.875	0.5	0.0	68.1	11.2	66.4	67.3	80.3	21.6	54	1.0	0.414	0.0	63.2	30.0	62.8	69.6	64.4
604	R50Y_087_075$_e$	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.387	0.125	59.4	26.7	44.2	51.7	58.8	0.875	0.5	0.125	68.2	12.8	53.6	55.1	76.5	18.9	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
605	R38Y_087_062$_e$	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.413	0.25	61.4	27.1	33.6	43.2	51.0	0.875	0.5	0.25	68.5	14.4	41.9	44.3	71.0	16.7	44	1.0	0.262	0.0	56.5	43.4	53.8	69.1	51.0
606	R23Y_087_050$_e$	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.441	0.375	63.7	27.1	23.6	35.9	41.0	0.875	0.5	0.375	69.6	15.3	30.1	33.8	63.0	14.6	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
607	R00Y_087_037$_e$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.578	67.8	24.3	11.6	26.9	25.4	0.875	0.5	0.5	70.6	16.3	19.6	25.5	50.1	11.6	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
608	R18Y_087_037$_e$	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.747	67.9	26.0	1.9	26.1	4.3	0.875	0.5	0.625	71.4	18.1	10.4	20.8	29.8	12.0	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
609	B65R_087_037$_e$	0.875	0.5	0.75	0.875	0.375	0.687	349	0.777	0.5	0.875	66.0	24.5	−5.8	25.2	346.6	0.875	0.5	0.75	72.4	19.7	1.7	19.8	5.0	11.0	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
610	B50R_087_037$_e$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.652	0.5	0.875	63.0	18.4	−11.2	21.6	328.6	0.875	0.5	0.875	73.0	21.6	−5.2	22.2	346.2	12.1	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
611	B38R_100_050$_e$	0.875	0.5	1.0	1.0	0.5	0.75	316	0.636	0.5	1.0	63.7	19.2	−19.0	27.0	315.3	0.875	0.5	1.0	70.0	27.9	−9.7	29.5	340.7	14.1	285	0.273	0.0	1.0	31.9	38.4	−38.0	54.0	315.3
612	R73Y_087_087$_e$	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.469	0.0	62.6	17.0	61.5	63.8	74.4	0.875	0.625	0.0	73.6	2.3	72.9	72.9	88.1	21.6	62	1.0	0.536	0.0	69.0	19.5	70.2	72.9	74.4
613	R68Y_087_075$_e$	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.496	0.125	64.4	17.2	50.5	53.4	71.1	0.875	0.625	0.125	74.1	3.2	59.3	59.4	86.8	19.1	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
614	R61Y_087_062$_e$	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.526	0.25	66.4	17.3	40.2	43.8	66.6	0.875	0.625	0.25	74.7	4.4	47.2	47.4	84.6	16.8	56	1.0	0.441	0.0	64.5	27.7	64.4	70.1	66.6
615	R50Y_087_050$_e$	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.549	0.375	68.1	17.8	29.5	34.4	58.8	0.875	0.625	0.375	75.2	6.3	34.1	34.7	79.4	14.2	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
616	R31Y_087_037$_e$	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.577	0.5	70.3	18.0	19.1	26.3	46.6	0.875	0.625	0.5	75.7	8.7	22.5	24.1	68.8	11.3	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
617	R00Y_087_025$_e$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.677	73.7	16.2	7.7	17.9	25.4	0.875	0.625	0.625	76.8	10.1	12.8	16.3	51.6	8.5	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
618	R00Y_087_025$_e$	0.875	0.625	0.75	0.875	0.25	0.75	360	0.862	0.625	0.875	73.7	17.8	−2.4	18.0	352.0	0.875	0.625	0.75	77.6	12.2	3.9	12.8	17.9	9.4	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
619	B50R_087_025$_e$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.726	0.625	0.875	70.6	12.3	−7.5	14.4	328.6	0.875	0.625	0.875	78.4	14.2	−3.8	14.7	344.9	8.8	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
620	B34R_100_037$_e$	0.875	0.625	1.0	1.0	0.375	0.812	311	0.701	0.625	1.0	71.2	13.0	−15.1	19.9	310.5	0.875	0.625	1.0	77.1	17.7	−8.0	19.5	335.5	10.4	281	0.205	0.0	1.0	30.7	34.6	−40.4	53.3	310.5
621	R86Y_087_087$_e$	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.573	0.0	67.8	7.8	68.1	68.6	83.4	0.875	0.75	0.0	78.5	−5.6	78.9	79.1	94.1	20.3	70	1.0	0.655	0.0	75.0	9.0	77.9	78.4	83.4
622	R85Y_087_075$_e$	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.601	0.125	69.7	7.7	57.5	58.0	82.2	0.875	0.75	0.125	79.7	−5.3	65.3	65.6	94.6	18.2	68	1.0	0.634	0.0	74.0	10.3	76.7	77.4	82.2
623	R81Y_087_062$_e$	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.627	0.25	71.4	8.2	46.8	47.5	80.0	0.875	0.75	0.25	80.5	−4.3	52.5	52.7	94.7	16.5	66	1.0	0.604	0.0	72.5	13.1	74.9	76.0	80.0
624	R76Y_087_050$_e$	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.656	0.375	73.2	8.5	36.1	37.0	76.7	0.875	0.75	0.375	81.3	−2.5	38.7	38.8	93.6	13.9	64	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
625	R68Y_087_037$_e$	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.685	0.5	75.0	8.6	25.2	26.7	71.1	0.875	0.75	0.5	82.2	−0.6	26.3	26.3	91.4	11.7	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
626	R50Y_087_025$_e$	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.712	0.625	76.9	8.9	14.7	17.2	58.8	0.875	0.75	0.625	83.0	1.6	15.7	15.8	84.0	9.5	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
627	R00Y_087_012$_e$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.776	79.7	8.1	3.8	8.9	25.4	0.875	0.75	0.75	84.1	3.7	6.3	7.3	59.5	6.6	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
628	B50R_087_012$_e$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.8	0.75	0.875	78.1	6.1	−3.7	7.2	328.6	0.875	0.75	0.875	84.8	6.0	−2.0	6.3	341.0	6.9	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
629	B25R_100_025$_e$	0.875	0.75	1.0	1.0	0.25	0.875	300	0.761	0.75	1.0	78.3	6.6	−11.4	13.2	300.1	0.875	0.75	1.0	81.8	10.6	−7.1	12.8	326.1	6.8	272	0.045	0.0	1.0	26.7	26.6	−45.8	52.9	300.1
630	Y00G_087_087$_e$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.736	0.0	74.8	−3.1	76.8	76.9	92.3	0.875	0.875	0.0	83.0	−12.0	84.5	85.4	98.1	14.4	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
631	Y00G_087_075$_e$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.756	0.125	76.3	−2.6	65.8	65.9	92.3	0.875	0.875	0.125	83.8	−11.3	69.7	70.7	99.2	12.1	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
632	Y00G_087_062$_e$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.776	0.25	77.9	−2.2	54.8	54.9	92.3	0.875	0.875	0.25	84.8	−10.3	56.5	57.5	100.3	10.8	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
633	Y00G_087_050$_e$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.795	0.375	79.4	−1.7	43.9	43.9	92.3	0.875	0.875	0.375	85.8	−8.7	42.1	43.0	101.7	9.6	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
634	Y00G_087_037$_e$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.815	0.5	81.0	−1.3	32.9	32.9	92.3	0.875	0.875	0.5	87.0	−6.8	29.5	30.3	103.1	8.8	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
635	Y00G_087_025$_e$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.835	0.625	82.6	−0.8	21.9	21.9	92.3	0.875	0.875	0.625	88.0	−4.7	18.6	19.2	104.4	7.4	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
636	Y00G_087_012$_e$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.855	0.75	84.1	−0.4	10.9	10.9	92.3	0.875	0.875	0.75	88.8	−2.5	8.6	9.0	106.5	5.6	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
637	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.7	−0.1	−0.1	0.2	234.3	4.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
638	B00R_100_012$_e$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.921	1.0	88.2	0.1	−5.6	5.6	271.7	0.875	0.875	1.0	87.9	3.1	−5.6	6.4	298.9	2.9	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
639	Y11G_100_100$_e$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.871	1.0	0.0	85.7	−16.3	88.4	89.9	100.4	0.875	1.0	0.0	85.8	−16.2	88.6	90.0	100.3	0.2	96	0.871	1.0	0.0	85.7	−16.3	88.4	89.9	100.4
640	Y13G_100_087$_e$	0.875	1.0	0.125	1.0	0.875	0.562	98	0.844	1.0	0.125	86.0	−15.5	75.4	77.0	101.6	0.875	1.0	0.125	86.5	−15.6	74.4	76.0	101.8	1.1	99	0.822	1.0	0.0	84.6	−17.7	86.2	88.0	101.6
641	Y15G_100_075$_e$	0.875	1.0	0.25	1.0	0.75	0.625	99	0.83	1.0	0.25	86.5	−14.3	63.0	64.6	102.7	0.875	1.0	0.25	87.5	−14.3	61.6	63.3	103.1	1.6	102	0.773	1.0	0.0	83.5	−19.1	84.0	86.2	102.7
642	Y18G_100_062$_e$	0.875	1.0	0.375	1.0	0.625	0.687	101	0.815	1.0	0.375	86.3	−13.6	50.4	52.2	105.1	0.875	1.0	0.375	87.9	−13.2	47.9	49.7	105.4	2.9	106	0.705	1.0	0.0	80.8	−21.8	80.6	83.5	105.1
643	Y23G_100_050$_e$	0.875	1.0	0.5	1.0	0.5	0.75	104	0.809	1.0	0.5	86.1	−12.7	37.9	40.0	108.6	0.875	1.0	0.5	89.2	−11.4	35.4	37.2	107.9	4.1	112	0.619	1.0	0.0	76.9	−25.5	75.9	80.1	108.6
644	Y31G_100_037$_e$	0.875	1.0	0.625	1.0	0.375	0.812	109	0.818	1.0	0.625	87.1	−11.5	25.2	27.7	114.4	0.875	1.0	0.625	90.3	−9.4	23.8	25.6	111.5	4.0	118	0.516	1.0	0.0	73.3	−30.6	67.4	74.1	114.4
645	Y50G_100_025$_e$	0.875	1.0	0.75	1.0	0.25	0.875	120	0.831	1.0	0.75	88.0	−10.3	13.6	17.0	127.2	0.875	1.0	0.75	90.8	−7.5	13.3	15.3	119.5	3.9	131	0.326	1.0	0.0	65.8	−41.4	54.4	68.3	127.2
646	G00B_100_012$_e$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.886	90.0	−8.3	2.6	8.8	162.2	0.875	1.0	0.875	91.7	−5.2	4.3	6.8	140.1	3.9	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
647	G50B_100_012$_e$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	0.966	90.6	−4.9	−3.7	6.2	216.9	0.875	1.0	1.0	92.5	−2.7	−3.9	4.8	234.8	2.9	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9

Mean color difference of this page: **delta** ***E*'** = ***13.3***

1−0132630−F0

RE550−7N, Page 27/33−F

TUB-test chart RE55; 1080 standard colours
colors and differences, $\Delta E^{*\prime}$

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

1−0132630−F0

TUB registration: 20150701-RE55/RE55L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE55/RE55L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 28/33

n	HIC^*_{Fe}	rgb_{Fe}			ict_{Fe}			$h_{si\_F,e}$	rgb^*_{Fe}			$LabCh^*_{Fe}$					$rgb^{*\prime}_{Fe}$			$LabCh^{*\prime}_{Fe}$					$DE^{*\prime}_{Fe}$	$h_{siM,e}$	rgb^*_{Me}			$LabCh^*_{Me}$				
648	R00Y_100_100e	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	10.3	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
649	R38Y_100_100e	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.386	47.7	66.3	21.1	69.6	17.6	1.0	0.0	0.125	47.4	64.4	35.1	73.4	28.6	14.1	367	1.0	0.0	0.386	47.7	66.3	21.1	69.6	17.6
650	R26Y_100_100e	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.538	47.8	68.1	11.8	69.2	9.8	1.0	0.0	0.25	47.7	65.0	28.9	71.2	23.9	17.3	357	1.0	0.0	0.538	47.8	68.1	11.8	69.2	9.8
651	R13Y_100_100e	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.735	48.1	70.3	1.1	70.3	0.9	1.0	0.0	0.375	47.7	66.1	21.8	69.6	18.2	21.0	344	1.0	0.0	0.735	48.1	70.3	1.1	70.3	0.9
652	R00Y_100_100e	1.0	0.0	0.5	1.0	1.0	0.5	360	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6	24.2	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
653	B68R_100_100e	1.0	0.0	0.625	1.0	1.0	0.5	352	0.841	0.0	1.0	45.2	68.5	−12.7	69.7	349.4	1.0	0.0	0.625	48.0	68.9	7.1	69.3	5.8	20.0	321	0.841	0.0	1.0	45.2	68.5	−12.7	69.7	349.4
654	B61R_100_100e	1.0	0.0	0.75	1.0	1.0	0.5	344	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8	1.0	0.0	0.75	48.1	70.4	0.3	70.4	0.3	23.3	310	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8
655	B55R_100_100e	1.0	0.0	0.875	1.0	1.0	0.5	337	0.528	0.0	1.0	38.6	55.0	−25.3	60.6	335.2	1.0	0.0	0.875	48.2	71.6	−4.3	71.7	356.5	28.5	301	0.528	0.0	1.0	38.6	55.0	−25.3	60.6	335.2
656	B50R_100_100e	1.0	0.0	1.0	1.0	1.0	0.5	330	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	34.6	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
657	R11Y_100_100e	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.007	0.0	47.5	63.3	41.5	75.7	33.2	1.0	0.125	0.0	51.2	54.9	46.7	72.1	40.4	10.5	30	1.0	0.007	0.0	47.5	63.3	41.5	75.7	33.2
658	R00Y_100_087e	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.308	53.6	56.8	27.0	62.9	25.4	1.0	0.125	0.125	51.9	54.5	39.8	67.5	36.1	13.1	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
659	R36Y_100_087e	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.481	53.7	58.3	17.3	60.8	16.5	1.0	0.125	0.25	52.3	54.8	32.4	63.7	30.5	15.5	366	1.0	0.0	0.407	47.7	66.6	19.8	69.5	16.5
660	R23Y_100_087e	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.638	53.9	60.0	8.0	60.6	7.6	1.0	0.125	0.375	52.5	55.7	25.4	61.2	24.5	17.9	354	1.0	0.0	0.586	47.9	68.6	9.2	69.2	7.6
661	R08Y_100_087e	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.859	54.1	62.4	−2.5	62.4	357.6	1.0	0.125	0.5	52.6	57.3	16.6	59.6	16.1	19.9	338	1.0	0.0	0.838	48.2	71.3	−2.9	71.4	357.6
662	B70R_100_087e	1.0	0.125	0.625	1.0	0.875	0.562	355	0.964	0.125	1.0	53.5	62.7	−8.4	63.3	352.3	1.0	0.125	0.625	53.2	58.3	8.0	58.8	7.8	17.1	327	0.958	0.0	1.0	47.5	71.7	−9.6	72.4	352.3
663	B63R_100_087e	1.0	0.125	0.75	1.0	0.875	0.562	346	0.731	0.125	1.0	48.8	54.9	−15.9	57.2	343.7	1.0	0.125	0.75	53.3	60.0	0.9	60.0	0.9	18.2	312	0.693	0.0	1.0	42.1	62.8	−18.2	65.4	343.7
664	B56R_100_087e	1.0	0.125	0.875	1.0	0.875	0.562	338	0.606	0.125	1.0	46.1	48.8	−21.5	53.4	336.1	1.0	0.125	0.875	53.6	61.1	−4.1	61.2	356.0	22.5	303	0.549	0.0	1.0	39.1	55.8	−24.6	61.0	336.1
665	B50R_100_087e	1.0	0.125	1.0	1.0	0.875	0.562	330	0.481	0.125	1.0	42.4	43.1	−26.3	50.5	328.6	1.0	0.125	1.0	54.0	62.0	−9.0	62.6	351.6	28.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
666	R23Y_100_100e	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0	1.0	0.25	0.0	56.0	44.4	53.0	69.1	50.0	12.2	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
667	R13Y_100_087e	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.147	0.125	54.0	54.3	37.1	65.8	34.3	1.0	0.25	0.125	56.9	43.7	45.0	62.7	45.8	13.4	31	1.0	0.025	0.0	48.1	62.0	42.4	75.2	34.3
668	R00Y_100_075e	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.407	59.6	48.7	23.2	53.9	25.4	1.0	0.25	0.25	57.8	43.2	36.7	56.7	40.3	14.6	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
669	R35Y_100_075e	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.571	59.6	50.2	13.8	52.0	15.4	1.0	0.25	0.375	58.2	43.9	29.0	52.6	33.4	16.4	364	1.0	0.0	0.428	47.7	66.9	18.5	69.4	15.4
670	R18Y_100_075e	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.745	59.9	52.0	3.9	52.2	4.3	1.0	0.25	0.5	58.5	45.1	20.1	49.5	24.0	17.7	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
671	R00Y_100_075e	1.0	0.25	0.625	1.0	0.75	0.625	360	0.961	0.25	1.0	59.3	53.6	−7.4	54.1	352.0	1.0	0.25	0.625	59.4	46.0	10.9	47.3	13.3	19.9	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
672	B65R_100_075e	1.0	0.25	0.75	1.0	0.75	0.625	349	0.804	0.25	1.0	56.0	49.0	−11.6	50.4	346.6	1.0	0.25	0.75	59.6	47.8	2.8	47.9	3.4	15.0	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
673	B57R_100_075e	1.0	0.25	0.875	1.0	0.75	0.625	339	0.677	0.25	1.0	53.6	42.5	−17.9	46.1	337.1	1.0	0.25	0.875	60.3	48.9	−3.2	49.0	356.2	17.3	304	0.57	0.0	1.0	39.6	56.7	−23.9	61.5	337.1
674	B50R_100_075e	1.0	0.25	1.0	1.0	0.75	0.625	330	0.555	0.25	1.0	50.0	36.9	−22.5	43.3	328.6	1.0	0.25	1.0	60.4	50.3	−8.3	51.0	350.5	22.1	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
675	R36Y_100_100e	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.249	0.0	56.0	44.4	52.9	69.1	49.9	1.0	0.375	0.0	61.4	33.2	60.3	68.8	61.1	14.5	43	1.0	0.249	0.0	56.0	44.4	52.9	69.1	49.9
676	R26Y_100_087e	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.267	0.125	58.0	45.3	42.7	62.3	43.3	1.0	0.375	0.125	61.6	34.2	49.9	60.5	55.5	13.7	38	1.0	0.162	0.0	52.6	51.8	48.8	71.2	43.3
677	R15Y_100_075e	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.283	0.25	60.4	45.5	32.5	55.9	35.5	1.0	0.375	0.25	62.4	34.2	40.6	53.1	49.9	14.1	32	1.0	0.044	0.0	48.7	60.7	43.3	74.6	35.5
678	R00Y_100_062e	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.505	65.5	40.5	19.3	44.9	25.4	1.0	0.375	0.375	63.8	33.3	31.8	46.1	43.7	14.5	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
679	R31Y_100_062e	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.669	65.6	42.1	9.9	43.2	13.2	1.0	0.375	0.5	64.1	34.6	22.9	41.5	33.4	15.0	361	1.0	0.0	0.47	47.7	67.4	15.8	69.2	13.2
680	R11Y_100_062e	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.853	65.9	44.1	−0.1	44.1	359.8	1.0	0.375	0.625	65.1	35.3	14.0	38.0	21.7	16.7	342	1.0	0.0	0.765	48.1	70.6	−0.1	70.6	359.8
681	B69R_100_062e	1.0	0.375	0.75	1.0	0.625	0.687	353	0.925	0.375	1.0	64.5	43.5	−7.3	44.1	350.4	1.0	0.375	0.75	65.7	37.2	4.8	37.5	7.4	13.7	323	0.881	0.0	1.0	46.0	69.6	−11.7	70.6	350.4
682	B59R_100_062e	1.0	0.375	0.875	1.0	0.625	0.687	341	0.757	0.375	1.0	61.2	36.4	−13.9	39.0	339.0	1.0	0.375	0.875	66.3	38.5	−2.0	38.5	357.0	13.1	307	0.611	0.0	1.0	40.6	58.3	−22.3	62.4	339.0
683	B50R_100_062e	1.0	0.375	1.0	1.0	0.625	0.687	330	0.629	0.375	1.0	57.5	30.8	−18.7	36.0	328.6	1.0	0.375	1.0	66.5	40.1	−7.4	40.8	349.4	17.1	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
684	R50Y_100_100e	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	17.0	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
685	R41Y_100_087e	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.376	0.125	62.3	36.1	48.4	60.4	53.3	1.0	0.5	0.125	67.0	23.9	55.7	60.6	66.7	14.9	46	1.0	0.287	0.0	57.6	41.2	55.4	69.0	53.3
686	R31Y_100_075e	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.404	0.25	64.6	36.1	38.2	52.6	46.6	1.0	0.5	0.25	67.7	24.3	45.3	51.4	61.7	14.0	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
687	R18Y_100_062e	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.425	0.375	66.9	36.3	28.1	45.9	37.7	1.0	0.5	0.375	68.5	24.9	35.7	43.5	55.0	13.7	34	1.0	0.08	0.0	49.8	58.1	44.9	73.5	37.7
688	R00Y_100_050e	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.604	71.5	32.4	15.4	35.9	25.4	1.0	0.5	0.5	69.7	25.2	25.3	35.7	45.0	12.3	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
689	R26Y_100_050e	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.769	71.6	34.0	5.9	34.6	9.8	1.0	0.5	0.625	70.6	26.3	16.0	30.8	31.2	12.7	357	1.0	0.0	0.538	47.8	68.1	11.8	69.2	9.8
690	R00Y_100_050e	1.0	0.5	0.75	1.0	0.5	0.75	360	0.974	0.5	1.0	71.4	35.7	−4.9	36.0	352.0	1.0	0.5	0.75	71.3	27.8	7.4	28.8	14.9	14.7	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
691	B61R_100_050e	1.0	0.5	0.875	1.0	0.5	0.75	344	0.83	0.5	1.0	68.5	30.5	−9.9	32.1	341.8	1.0	0.5	0.875	71.8	29.7	−0.2	29.7	359.5	10.3	310	0.661	0.0	1.0	41.6	61.0	−19.9	64.2	341.8
692	B50R_100_050e	1.0	0.5	1.0	1.0	0.5	0.75	330	0.703	0.5	1.0	65.1	24.6	−15.0	28.8	328.6	1.0	0.5	1.0	72.3	31.2	−6.6	31.9	348.0	12.8	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
693	R63Y_100_100e	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.455	0.0	65.1	26.6	65.2	70.4	67.8	1.0	0.625	0.0	73.6	11.0	76.1	76.9	81.7	20.8	57	1.0	0.455	0.0	65.1	26.6	65.2	70.4	67.8
694	R58Y_100_087e	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.488	0.125	67.3	26.2	55.0	60.9	64.4	1.0	0.625	0.125	74.4	11.1	64.1	65.0	80.1	19.0	54	1.0	0.414	0.0	63.2	30.0	62.8	69.6	64.4
695	R50Y_100_075e	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.512	0.25	69.1	26.7	44.2	51.7	58.8	1.0	0.625	0.25	74.6	12.3	52.5	53.9	76.7	17.4	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
696	R38Y_100_062e	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.538	0.375	71.1	27.1	33.6	43.2	51.0	1.0	0.625	0.375	75.0	13.8	40.8	43.1	71.2	15.6	44	1.0	0.262	0.0	56.5	43.4	53.8	69.1	51.0
697	R23Y_100_050e	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.566	0.5	73.5	27.1	23.6	35.9	41.0	1.0	0.625	0.5	75.9	15.0	29.5	33.1	62.9	13.6	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
698	R00Y_100_037e	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.703	77.5	24.3	11.6	26.9	25.4	1.0	0.625	0.625	77.3	15.8	19.5	25.1	50.9	11.6	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
699	R18Y_100_037e	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.872	77.7	26.0	1.9	26.1	4.3	1.0	0.625	0.75	77.8	17.6	10.7	20.6	31.2	12.1	349	1.0	0.0	0.66	48.0	69.4	5.2	69.6	4.3
700	B65R_100_037e	1.0	0.625	0.875	1.0	0.375	0.812	349	0.902	0.625	1.0	75.7	24.5	−5.8	25.2	346.6	1.0	0.625	0.875	78.9	19.2	2.0	19.3	5.9	10.0	315	0.739	0.0	1.0	42.9	65.4	−15.5	67.2	346.6
701	B50R_100_037e	1.0	0.625	1.0	1.0	0.375	0.812	330	0.777	0.625	1.0	72.7	18.4	−11.2	21.6	328.6	1.0	0.625	1.0	79.4	21.1	−4.9	21.6	346.9	9.6	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
702	R76Y_100_100e	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7	1.0	0.75	0.0	79.2	2.0	83.0	83.1	88.5	20.5	64	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
703	R73Y_100_087e	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.594	0.125	72.3	17.0	61.5	63.8	74.4	1.0	0.75	0.125	79.8	2.3	70.3	70.3	88.0	18.7	62	1.0	0.536	0.0	69.0	19.5	70.2	72.9	74.4
704	R68Y_100_075e	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.621	0.25	74.1	17.2	50.5	53.4	71.1	1.0	0.75	0.25	80.5	3.1	57.8	57.8	86.8	17.1	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
705	R61Y_100_062e	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.651	0.375	76.1	17.3	40.2	43.8	66.6	1.0	0.75	0.375	80.9	4.6	45.7	46.0	84.1	14.6	56	1.0	0.441	0.0	64.5	27.7	64.4	70.1	66.6
706	R50Y_100_050e	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.674	0.5	77.9	17.8	29.5	34.4	58.8	1.0	0.75	0.5	81.6	6.5	33.0	33.6	78.8	12.4	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
707	R31Y_100_037e	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.702	0.625	80.0	18.0	19.1	26.3	46.6	1.0	0.75	0.625	82.3	8.5	22.1	23.7	68.9	10.2	41	1.0	0.205	0.0	54.3	48.2	51.0	70.2	46.6
708	R00Y_100_025e	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.802	83.5	16.2	7.7	17.9	25.4	1.0	0.75	0.75	83.2	10.0	12.6	16.2	51.5	7.8	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
709	R00Y_100_025e	1.0	0.75	0.875	1.0	0.25	0.875	360	0.987	0.75	1.0	83.4	17.8	−2.4	18.0	352.0	1.0	0.75	0.875	84.0	11.9	4.1	12.6	19.2	8.9	327	0.948	0.0	1.0	47.3	71.5	−9.9	72.1	352.0
710	B50R_100_025e	1.0	0.75	1.0	1.0	0.25	0.875	330	0.851	0.75	1.0	80.3	12.3	−7.5	14.4	328.6	1.0	0.75	1.0	84.7	13.9	−3.6	14.4	345.5	6.1	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
711	R88Y_100_100e	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.675	0.0	75.9	7.5	79.0	79.4	84.5	1.0	0.875	0.0	84.2	−5.7	89.4	89.6	93.6	18.8	71	1.0	0.675	0.0	75.9	7.5	79.0	79.4	84.5
712	R86Y_100_087e	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.698	0.125	77.5	7.8	68.1	68.6	83.4	1.0	0.875	0.125	84.7	−5.1	75.8	76.0	93.9	16.8	70	1.0	0.655	0.0	75.0	9.0	77.9	78.4	83.4
713	R85Y_100_075e	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.726	0.25	79.4	7.7	57.5	58.0	82.2	1.0	0.875	0.25	85.9	−5.0	63.4	63.6	94.5	15.6	68	1.0	0.634	0.0	74.0	10.3	76.7	77.4	82.2
714	R81Y_100_062e	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.752	0.375	81.1	8.2	46.8	47.5	80.0	1.0	0.875	0.375	86.5	−3.6	50.7	50.8	94.1	13.6	66	1.0	0.604	0.0	72.5	13.1	74.9	76.0	80.0
715	R76Y_100_050e	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.781	0.5	82.9	8.5	36.1	37.0	76.7	1.0	0.875	0.5	87.5	−2.1	37.5	37.6	93.3	11.7	64	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
716	R68Y_100_037e	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.81	0.625	84.8	8.6	25.2	26.7	71.1	1.0	0.875	0.625	88.4	−0.3	26.0	26.0	90.7	9.7	59	1.0	0.495	0.0	67.0	23.0	67.3	71.2	71.1
717	R50Y_100_025e	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.837	0.75	86.6	8.9	14.7	17.2	58.8	1.0	0.875	0.75	89.2	1.9	15.4	15.5	82.8	7.4	50	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
718	R00Y_100_012e	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.901	89.4	8.1	3.8	8.9	25.4	1.0	0.875	0.875	89.9	4.0	6.4	7.5	57.8	4.8	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
719	B50R_100_012e	1.0	0.875	1.0	1.0	0.125	0.937	330	0.925	0.875	1.0	87.9	6.1	−3.7	7.2	328.6	1.0	0.875	1.0	90.7	6.2	−1.9	6.5	342.9	3.4	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
720	Y00G_100_100e	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1	12.3	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
721	Y00G_100_087e	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.861	0.125	84.5	−3.1	76.8	76.9	92.3	1.0	1.0	0.125	89.0	−11.6	81.2	82.1	98.1	10.6	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
722	Y00G_100_075e	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.881	0.25	86.0	−2.6	65.8	65.9	92.3	1.0	1.0	0.25	89.9	−10.9	67.7	68.6	99.1	9.3	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
723	Y00G_100_062e	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.901	0.375	87.6	−2.2	54.8	54.9	92.3	1.0	1.0	0.375	90.6	−9.8	55.1	56.0	100.1	8.2	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
724	Y00G_100_050e	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.92	0.5	89.2	−1.7	43.9	43.9	92.3	1.0	1.0	0.5	91.8	−8.4	41.3	42.2	101.5	7.5	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
725	Y00G_100_037e	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.94	0.625	90.7	−1.3	32.9	32.9	92.3	1.0	1.0	0.625	92.7	−6.5	29.2	29.9	102.6	6.7	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
726	Y00G_100_025e	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.96	0.75	92.3	−0.8	21.9	21.9	92.3	1.0	1.0	0.75	93.7	−4.5	18.4	19.0	103.8	5.2	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
727	Y00G_100_012e	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.98	0.875	93.9	−0.4	10.9	10.9	92.3	1.0	1.0	0.875	94.8	−2.3	8.8	9.1	105.1	3.0	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
728	NW_100e	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

Mean color difference of this page: delta $E^{*\prime}$ = *14.4*

1-0132730-F0 RE550-7N, Page 28/33-F

TUB-test chart RE55; 1080 standard colours
colors and differences, $\Delta E^{*\prime}$

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

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

1-0132730-F0

TUB registration: 20150701-RE55/RE55L0NA.TXT /.PS

application for measurement of offset print output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

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	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.1	0.1	110.4	0.1	360	1.0	1.0	1.0	95.4	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	0.966	90.6	−4.9	−3.7	6.2	216.9	0.875	1.0	1.0	92.0	−3.0	−4.0	5.1	233.1	2.4	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
731	G50B_100_025e	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	0.933	85.7	−9.9	−7.4	12.4	216.9	0.75	1.0	1.0	88.2	−5.9	−8.5	10.3	235.3	4.8	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
732	G50B_100_037e	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	0.9	80.9	−14.9	−11.2	18.6	216.9	0.625	1.0	1.0	84.1	−8.9	−13.3	16.0	236.0	7.1	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
733	G50B_100_050e	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.867	76.0	−19.8	−14.9	24.9	216.9	0.5	1.0	1.0	78.9	−12.7	−19.4	23.2	236.6	8.8	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
734	G50B_100_062e	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	0.834	71.2	−24.8	−18.7	31.1	216.9	0.375	1.0	1.0	74.2	−16.2	−24.8	29.7	236.8	10.9	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
735	G50B_100_075e	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	0.801	66.3	−29.8	−22.4	37.3	216.9	0.25	1.0	1.0	68.6	−20.4	−31.3	37.4	236.8	13.1	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
736	G50B_100_087e	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	0.768	61.5	−34.8	−26.2	43.5	216.9	0.125	1.0	1.0	63.3	−24.1	−37.3	44.4	237.1	15.5	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
737	G50B_100_100e	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9	0.0	1.0	1.0	56.8	−28.8	−44.6	53.1	237.1	18.3	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
738	R00Y_100_012e	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.901	89.4	8.1	3.8	8.9	25.4	1.0	0.875	0.875	89.8	3.7	7.3	8.2	63.1	5.6	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
739	NW_087e	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.4	−0.1	0.0	0.1	197.0	3.6	360	1.0	1.0	1.0	95.4	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	0.841	80.9	−4.9	−3.7	6.2	216.9	0.75	0.875	0.875	85.8	−3.2	−4.3	5.4	233.2	5.3	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
741	G50B_087_025e	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.808	76.0	−9.9	−7.4	12.4	216.9	0.625	0.875	0.875	81.8	−6.2	−8.8	10.8	234.7	6.9	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
742	G50B_087_037e	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.775	71.2	−14.9	−11.2	18.6	216.9	0.5	0.875	0.875	76.6	−10.0	−14.8	17.9	235.9	8.1	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
743	G50B_087_050e	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.742	66.3	−19.8	−14.9	24.9	216.9	0.375	0.875	0.875	71.7	−13.8	−20.3	24.6	235.8	9.7	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
744	G50B_087_062e	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.709	61.4	−24.8	−18.7	31.1	216.9	0.25	0.875	0.875	65.9	−18.0	−27.0	32.4	236.2	11.6	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
745	G50B_087_075e	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.676	56.6	−29.8	−22.4	37.3	216.9	0.125	0.875	0.875	60.6	−21.9	−33.0	39.7	236.3	13.7	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
746	G50B_087_087e	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.643	51.7	−34.8	−26.2	43.5	216.9	0.0	0.875	0.875	54.6	−27.0	−40.0	48.3	235.9	16.1	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
747	R00Y_100_025e	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.802	83.5	16.2	7.7	17.9	25.4	1.0	0.75	0.75	82.6	10.0	14.2	17.4	54.8	9.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
748	R00Y_087_012e	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.776	79.7	8.1	3.8	8.9	25.4	0.875	0.75	0.75	83.4	3.7	7.5	8.4	63.6	6.8	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
749	NW_075e	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.75	0.75	0.75	80.6	−0.2	−0.3	0.4	229.3	4.5	360	1.0	1.0	1.0	95.4	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	0.716	71.1	−4.9	−3.7	6.2	216.9	0.625	0.75	0.75	77.2	−3.4	−4.5	5.6	233.2	6.3	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
751	G50B_075_025e	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.683	66.3	−9.9	−7.4	12.4	216.9	0.5	0.75	0.75	72.7	−6.7	−9.5	11.7	234.9	7.4	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
752	G50B_075_037e	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.65	61.4	−14.9	−11.2	18.6	216.9	0.375	0.75	0.75	67.5	−10.6	−15.4	18.7	235.4	8.4	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
753	G50B_075_050e	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.617	56.6	−19.8	−14.9	24.9	216.9	0.25	0.75	0.75	62.2	−14.6	−21.5	26.1	235.7	10.1	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
754	G50B_075_062e	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.584	51.7	−24.8	−18.7	31.1	216.9	0.125	0.75	0.75	56.3	−19.1	−28.1	34.0	235.7	11.9	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
755	G50B_075_075e	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.551	46.9	−29.8	−22.4	37.3	216.9	0.0	0.75	0.75	50.7	−24.0	−34.9	42.3	235.4	14.2	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
756	R00Y_100_037e	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.703	77.5	24.3	11.6	26.9	25.4	1.0	0.625	0.625	76.3	16.2	21.1	26.6	52.5	12.6	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
757	R00Y_087_025e	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.677	73.7	16.2	7.7	17.9	25.4	0.875	0.625	0.625	75.6	10.8	14.7	18.3	53.8	9.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
758	R00Y_075_012e	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.651	70.0	8.1	3.8	8.9	25.4	0.75	0.625	0.625	74.6	4.1	7.3	8.4	60.6	7.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
759	NW_062e	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	73.0	−0.3	−0.3	0.4	225.7	6.7	360	1.0	1.0	1.0	95.4	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	0.591	61.4	−4.9	−3.7	6.2	216.9	0.5	0.625	0.625	68.5	−3.8	−5.1	6.3	233.2	7.3	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
761	G50B_062_025e	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.558	56.6	−9.9	−7.4	12.4	216.9	0.375	0.625	0.625	63.8	−7.4	−10.5	12.9	234.7	8.2	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
762	G50B_062_037e	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.525	51.7	−14.9	−11.2	18.6	216.9	0.25	0.625	0.625	58.5	−11.7	−16.7	20.4	234.9	9.3	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
763	G50B_062_050e	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.492	46.9	−19.8	−14.9	24.9	216.9	0.125	0.625	0.625	52.5	−16.4	−23.4	28.6	235.0	10.7	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
764	G50B_062_062e	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.459	42.0	−24.8	−18.7	31.1	216.9	0.0	0.625	0.625	46.6	−21.2	−30.3	37.0	234.9	12.9	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
765	R00Y_100_050e	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.604	71.5	32.4	15.4	35.9	25.4	1.0	0.5	0.5	68.0	26.9	26.5	37.8	44.5	12.8	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
766	R00Y_087_037e	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.578	67.8	24.3	11.6	26.9	25.4	0.875	0.5	0.5	68.9	17.9	21.4	27.9	50.0	11.7	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
767	R00Y_075_025e	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.552	64.0	16.2	7.7	17.9	25.4	0.75	0.5	0.5	66.9	11.3	14.3	18.3	51.8	8.7	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
768	R00Y_062_012e	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.526	60.3	8.1	3.8	8.9	25.4	0.625	0.5	0.5	66.0	4.8	7.1	8.6	55.4	7.3	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
769	NW_050e	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	64.6	−0.3	−0.4	0.5	228.4	8.0	360	1.0	1.0	1.0	95.4	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	0.466	51.7	−4.9	−3.7	6.2	216.9	0.375	0.5	0.5	59.9	−4.0	−5.4	6.8	233.0	8.4	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
771	G50B_050_025e	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.433	46.8	−9.9	−7.4	12.4	216.9	0.25	0.5	0.5	54.3	−8.5	−11.9	14.6	234.2	8.8	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
772	G50B_050_037e	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.4	42.0	−14.9	−11.2	18.6	216.9	0.125	0.5	0.5	48.5	−12.9	−18.3	22.5	234.7	9.8	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
773	G50B_050_050e	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.367	37.1	−19.8	−14.9	24.9	216.9	0.0	0.5	0.5	42.8	−17.9	−25.2	30.9	234.5	11.8	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
774	R00Y_100_062e	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.505	65.5	40.5	19.3	44.9	25.4	1.0	0.375	0.375	61.0	36.8	32.8	49.3	41.6	14.6	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
775	R00Y_087_050e	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.479	61.8	32.4	15.4	35.9	25.4	0.875	0.375	0.375	60.8	28.9	27.3	39.8	43.3	12.4	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
776	R00Y_075_037e	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.453	58.0	24.3	11.6	26.9	25.4	0.75	0.375	0.375	58.9	21.1	21.1	29.8	44.9	10.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
777	R00Y_062_025e	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.427	54.3	16.2	7.7	17.9	25.4	0.625	0.375	0.375	58.3	12.3	14.8	19.3	50.1	9.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
778	R00Y_050_012e	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.401	50.6	8.1	3.8	8.9	25.4	0.5	0.375	0.375	56.7	5.8	7.5	9.6	52.1	7.4	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
779	NW_037e	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	55.8	−0.4	−0.4	0.6	227.5	9.0	360	1.0	1.0	1.0	95.4	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	0.341	42.0	−4.9	−3.7	6.2	216.9	0.25	0.375	0.375	51.0	−4.7	−6.4	8.0	233.5	9.4	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
781	G50B_037_025e	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.308	37.1	−9.9	−7.4	12.4	216.9	0.125	0.375	0.375	44.9	−9.6	−13.2	16.4	233.9	9.7	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
782	G50B_037_037e	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.275	32.3	−14.9	−11.2	18.6	216.9	0.0	0.375	0.375	39.4	−14.6	−20.2	24.9	234.0	11.4	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
783	R00Y_100_075e	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.407	59.6	48.7	23.2	53.9	25.4	1.0	0.25	0.25	54.6	47.5	36.9	60.2	37.8	14.6	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
784	R00Y_087_062e	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.38	55.8	40.5	19.3	44.9	25.4	0.875	0.25	0.25	53.3	40.8	32.8	52.3	38.7	13.7	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
785	R00Y_075_050e	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.354	52.1	32.4	15.4	35.9	25.4	0.75	0.25	0.25	51.0	32.4	27.0	42.2	39.8	11.6	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
786	R00Y_062_037e	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.328	48.3	24.3	11.6	26.9	25.4	0.625	0.25	0.25	49.8	23.2	21.3	31.5	42.6	9.9	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
787	R00Y_050_025e	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.302	44.6	16.2	7.7	17.9	25.4	0.5	0.25	0.25	47.9	14.9	15.4	21.5	45.9	8.5	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
788	R00Y_037_012e	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.276	40.8	8.1	3.8	8.9	25.4	0.375	0.25	0.25	47.0	7.0	8.4	10.9	49.9	7.7	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
789	NW_025e	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.25	0.25	0.25	45.9	−0.3	−0.4	0.6	230.8	8.8	360	1.0	1.0	1.0	95.4	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	0.216	32.2	−4.9	−3.7	6.2	216.9	0.125	0.25	0.25	39.5	−5.8	−7.9	9.8	233.3	8.4	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
791	G50B_025_025e	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.183	27.4	−9.9	−7.4	12.4	216.9	0.0	0.25	0.25	34.4	−10.3	−14.1	17.4	233.7	9.6	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
792	R00Y_100_087e	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.308	53.6	56.8	27.0	62.9	25.4	1.0	0.125	0.125	48.8	58.5	39.5	70.6	34.0	13.4	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
793	R00Y_087_075e	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.282	49.8	48.7	23.2	53.9	25.4	0.875	0.125	0.125	47.0	52.0	35.8	63.2	34.5	13.3	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
794	R00Y_075_062e	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.255	46.1	40.5	19.3	44.9	25.4	0.75	0.125	0.125	44.1	43.8	31.0	53.7	35.2	12.2	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
795	R00Y_062_050e	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.229	42.3	32.4	15.4	35.9	25.4	0.625	0.125	0.125	42.3	35.2	26.7	44.2	37.1	11.5	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
796	R00Y_050_037e	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.203	38.6	24.3	11.6	26.9	25.4	0.5	0.125	0.125	39.6	26.9	21.3	34.3	38.4	10.1	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
797	R00Y_037_025e	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.177	34.9	16.2	7.7	17.9	25.4	0.375	0.125	0.125	37.9	17.3	15.7	23.4	42.2	8.6	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
798	R00Y_025_012e	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.151	31.1	8.1	3.8	8.9	25.4	0.25	0.125	0.125	36.0	8.5	9.4	12.7	48.0	7.4	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
799	NW_012e	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.125	0.125	0.125	31.4	−0.2	−0.1	0.2	212.6	4.0	360	1.0	1.0	1.0	95.4	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	0.091	22.5	−4.9	−3.7	6.2	216.9	0.0	0.125	0.125	26.4	−5.3	−6.7	8.6	231.7	4.8	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
801	R00Y_100_100e	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4	1.0	0.0	0.0	45.0	66.1	40.5	77.5	31.5	10.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
802	R00Y_087_087e	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.183	43.9	56.8	27.0	62.9	25.4	0.875	0.0	0.0	42.5	60.9	36.6	71.1	30.9	10.5	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
803	R00Y_075_075e	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.157	40.1	48.7	23.2	53.9	25.4	0.75	0.0	0.0	39.2	53.4	32.3	62.5	31.1	10.3	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
804	R00Y_062_062e	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.13	36.4	40.5	19.3	44.9	25.4	0.625	0.0	0.0	36.4	45.9	27.6	53.6	31.0	9.9	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
805	R00Y_050_050e	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.104	32.6	32.4	15.4	35.9	25.4	0.5	0.0	0.0	33.0	38.2	23.9	45.1	32.0	10.2	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
806	R00Y_037_037e	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.078	28.9	24.3	11.6	26.9	25.4	0.375	0.0	0.0	30.8	28.9	20.0	35.1	34.7	9.7	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
807	R00Y_025_025e	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.052	25.1	16.2	7.7	17.9	25.4	0.25	0.0	0.0	28.1	18.4	14.5	23.5	38.2	7.7	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
808	R00Y_012_012e	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.026	21.4	8.1	3.8	8.9	25.4	0.125	0.0	0.0	23.6	7.7	7.1	10.5	42.9	4.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
809	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.8	0.0	0.4	0.4	77.0	2.1	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

Mean color difference of this page: delta $E^{*\prime}$ = **9.3**

1−0132830−F0

RE550−7N, Page 29/33−F

TUB-test chart RE55; 1080 standard colours
colors and differences, $\Delta E^{*\prime}$

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

1−0132830−F0

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				
810	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.5	0.0	0.0	0.0	103.6	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
811	B00R_100_012$_e$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.921	1.0	88.2	0.1	-5.6	5.6	271.7	0.875	0.875	1.0	87.3	3.1	-5.9	6.7	297.6	3.1	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
812	B00R_100_025$_e$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.843	1.0	81.0	0.3	-11.3	11.3	271.7	0.75	0.75	1.0	78.1	7.6	-11.5	13.8	303.7	7.9	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
813	B00R_100_037$_e$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.765	1.0	73.8	0.5	-17.0	17.0	271.7	0.625	0.625	1.0	69.3	10.9	-17.1	20.3	302.6	11.4	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
814	B00R_100_050$_e$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.687	1.0	66.7	0.6	-22.7	22.7	271.7	0.5	0.5	1.0	57.8	16.5	-23.8	29.0	304.7	18.1	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
815	B00R_100_062$_e$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.609	1.0	59.5	0.8	-28.3	28.4	271.7	0.375	0.375	1.0	48.2	20.2	-29.9	36.1	304.0	22.4	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
816	B00R_100_075$_e$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.531	1.0	52.3	1.0	-34.0	34.0	271.7	0.25	0.25	1.0	39.8	22.9	-35.5	42.2	302.8	25.2	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
817	B00R_100_087$_e$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.452	1.0	45.1	1.2	-39.7	39.7	271.7	0.125	0.125	1.0	31.0	26.8	-41.1	49.1	303.1	29.2	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
818	B00R_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7	0.0	0.0	1.0	24.6	25.2	-46.7	53.0	298.3	27.3	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
819	Y00G_100_012$_e$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.98	0.875	93.9	-0.4	10.9	10.9	92.3	1.0	1.0	0.875	94.5	-2.6	9.6	10.0	105.1	2.6	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
820	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.3	-0.1	0.0	0.1	221.7	3.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
821	B00R_087_012$_e$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.796	0.875	78.5	0.1	-5.6	5.6	271.7	0.75	0.75	0.875	81.3	3.0	-5.9	6.7	296.9	4.0	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
822	B00R_087_025$_e$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.718	0.875	71.3	0.3	-11.3	11.3	271.7	0.625	0.625	0.875	71.3	8.0	-11.8	14.2	304.1	7.6	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
823	B00R_087_037$_e$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.64	0.875	64.1	0.5	-17.0	17.0	271.7	0.5	0.5	0.875	61.0	10.8	-18.5	21.5	300.3	10.9	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
824	B00R_087_050$_e$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.562	0.875	56.9	0.6	-22.7	22.7	271.7	0.375	0.375	0.875	50.7	15.9	-24.5	29.2	302.9	16.5	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
825	B00R_087_062$_e$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.484	0.875	49.7	0.8	-28.3	28.4	271.7	0.25	0.25	0.875	40.6	20.0	-31.2	37.1	302.7	21.4	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
826	B00R_087_075$_e$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.406	0.875	42.5	1.0	-34.0	34.0	271.7	0.125	0.125	0.875	30.9	24.7	-37.5	44.9	303.4	26.6	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
827	B00R_087_087$_e$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.327	0.875	35.4	1.2	-39.7	39.7	271.7	0.0	0.0	0.875	24.1	24.1	-43.0	49.3	299.2	25.7	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
828	Y00G_100_025$_e$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.96	0.75	92.3	-0.8	21.9	21.9	92.3	1.0	1.0	0.75	93.4	-4.7	19.8	20.4	103.5	4.5	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
829	Y00G_087_012$_e$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.855	0.75	84.1	-0.4	10.9	10.9	92.3	0.875	0.875	0.75	88.3	-2.7	9.9	10.3	105.6	4.9	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
830	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.75	0.75	0.75	80.6	-0.2	-0.2	0.3	226.5	4.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
831	B00R_075_012$_e$	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.671	0.75	68.8	0.1	-5.6	5.6	271.7	0.625	0.625	0.75	72.4	3.2	-6.3	7.0	297.0	4.8	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
832	B00R_075_025$_e$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.593	0.75	61.6	0.3	-11.3	11.3	271.7	0.5	0.5	0.75	61.9	7.6	-12.2	14.4	301.8	7.3	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
833	B00R_075_037$_e$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.515	0.75	54.4	0.5	-17.0	17.0	271.7	0.375	0.375	0.75	51.3	12.0	-18.9	22.4	302.3	12.0	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
834	B00R_075_050$_e$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.437	0.75	47.2	0.6	-22.7	22.7	271.7	0.25	0.25	0.75	41.0	16.5	-25.3	30.2	303.1	17.2	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
835	B00R_075_062$_e$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.359	0.75	40.0	0.8	-28.3	28.4	271.7	0.125	0.125	0.75	30.7	21.2	-32.0	38.4	303.4	22.6	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
836	B00R_075_075$_e$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.281	0.75	32.8	1.0	-34.0	34.0	271.7	0.0	0.0	0.75	22.9	23.0	-37.8	44.3	301.2	24.4	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
837	Y00G_100_037$_e$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.94	0.625	90.7	-1.3	32.9	32.9	92.3	1.0	1.0	0.625	92.4	-6.8	31.3	32.0	102.2	5.9	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
838	Y00G_087_025$_e$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.835	0.625	82.6	-0.8	21.9	21.9	92.3	0.875	0.875	0.625	87.4	-5.1	20.9	21.5	103.7	6.4	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
839	Y00G_075_012$_e$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.73	0.625	74.4	-0.4	10.9	10.9	92.3	0.75	0.75	0.625	79.9	-2.9	9.9	10.3	106.4	6.1	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
840	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	73.1	-0.3	-0.3	0.4	227.4	6.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
841	B00R_062_012$_e$	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.546	0.625	59.1	0.1	-5.6	5.6	271.7	0.5	0.5	0.625	63.5	3.3	-6.7	7.5	296.6	5.5	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
842	B00R_062_025$_e$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.468	0.625	51.9	0.3	-11.3	11.3	271.7	0.375	0.375	0.625	53.2	7.4	-12.9	14.9	300.0	7.4	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
843	B00R_062_037$_e$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.39	0.625	44.7	0.5	-17.0	17.0	271.7	0.25	0.25	0.625	42.4	12.3	-19.6	23.1	302.1	12.2	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
844	B00R_062_050$_e$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.312	0.625	37.5	0.6	-22.7	22.7	271.7	0.125	0.125	0.625	31.3	17.4	-26.7	31.9	303.1	18.3	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
845	B00R_062_062$_e$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.234	0.625	30.3	0.8	-28.3	28.4	271.7	0.0	0.0	0.625	22.1	20.7	-33.4	39.3	301.7	22.1	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
846	Y00G_100_050$_e$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.92	0.5	89.2	-1.7	43.9	43.9	92.3	1.0	1.0	0.5	91.4	-8.5	43.3	44.2	101.1	7.1	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
847	Y00G_087_037$_e$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.815	0.5	81.0	-1.3	32.9	32.9	92.3	0.875	0.875	0.5	86.3	-7.0	32.3	33.1	102.3	7.8	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
848	Y00G_075_025$_e$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.71	0.5	72.9	-0.8	21.9	21.9	92.3	0.75	0.75	0.5	78.9	-5.2	21.2	21.8	103.9	7.4	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
849	Y00G_062_012$_e$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.605	0.5	64.7	-0.4	10.9	10.9	92.3	0.625	0.625	0.5	72.3	-3.0	10.1	10.6	106.8	8.0	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
850	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	64.4	-0.3	-0.4	0.5	227.7	7.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
851	B00R_050_012$_e$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.421	0.5	49.4	0.1	-5.6	5.6	271.7	0.375	0.375	0.5	54.0	4.1	-7.2	8.3	299.7	6.3	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
852	B00R_050_025$_e$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.343	0.5	42.2	0.3	-11.3	11.3	271.7	0.25	0.25	0.5	43.2	8.1	-14.2	16.4	299.8	8.4	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
853	B00R_050_037$_e$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.265	0.5	35.0	0.5	-17.0	17.0	271.7	0.125	0.125	0.5	31.5	14.1	-21.3	25.6	303.5	14.7	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
854	B00R_050_050$_e$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.187	0.5	27.8	0.6	-22.7	22.7	271.7	0.0	0.0	0.5	21.7	18.4	-27.7	33.3	303.5	19.4	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
855	Y00G_100_062$_e$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.901	0.375	87.6	-2.2	54.8	54.9	92.3	1.0	1.0	0.375	90.3	-9.7	56.3	57.1	99.8	8.1	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
856	Y00G_087_050$_e$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.795	0.375	79.4	-1.7	43.9	43.9	92.3	0.875	0.875	0.375	85.4	-8.7	45.2	46.0	100.9	9.2	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
857	Y00G_075_037$_e$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.69	0.375	71.3	-1.3	32.9	32.9	92.3	0.75	0.75	0.375	78.0	-7.3	33.6	34.4	102.3	9.0	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
858	Y00G_062_025$_e$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.585	0.375	63.1	-0.8	21.9	21.9	92.3	0.625	0.625	0.375	71.2	-5.5	22.2	22.9	104.0	9.3	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
859	Y00G_050_012$_e$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.48	0.375	55.0	-0.4	10.9	10.9	92.3	0.5	0.5	0.375	63.7	-3.3	10.9	11.4	107.1	9.1	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
860	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	56.4	-0.4	-0.5	0.6	232.7	9.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
861	B00R_037_012$_e$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.296	0.375	39.6	0.1	-5.6	5.6	271.7	0.25	0.25	0.375	44.6	4.6	-8.0	9.2	300.2	7.1	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
862	B00R_037_025$_e$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.218	0.375	32.4	0.3	-11.3	11.3	271.7	0.125	0.125	0.375	33.4	9.3	-15.2	17.8	301.4	9.8	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
863	B00R_037_037$_e$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.14	0.375	25.2	0.5	-17.0	17.0	271.7	0.0	0.0	0.375	22.2	15.1	-22.2	26.9	304.1	15.8	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
864	Y00G_100_075$_e$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.881	0.25	86.0	-2.6	65.8	65.9	92.3	1.0	1.0	0.25	89.5	-10.5	68.6	69.4	98.7	9.0	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
865	Y00G_087_062$_e$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.776	0.25	77.9	-2.2	54.8	54.9	92.3	0.875	0.875	0.25	84.3	-9.9	59.1	60.0	99.5	10.9	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
866	Y00G_075_050$_e$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.67	0.25	69.7	-1.7	43.9	43.9	92.3	0.75	0.75	0.25	76.8	-8.9	47.6	48.5	100.6	10.7	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
867	Y00G_062_037$_e$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.565	0.25	61.6	-1.3	32.9	32.9	92.3	0.625	0.625	0.25	69.9	-7.5	35.4	36.2	102.0	10.7	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
868	Y00G_050_025$_e$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.46	0.249	53.4	-0.8	21.9	21.9	92.3	0.5	0.5	0.25	62.3	-5.8	23.7	24.4	103.9	10.3	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
869	Y00G_037_012$_e$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.355	0.249	45.3	-0.4	10.9	10.9	92.3	0.375	0.375	0.25	55.0	-3.6	12.2	12.7	106.7	10.3	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
870	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.25	0.25	0.25	46.2	-0.3	-0.5	0.6	234.5	9.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
871	B00R_025_012$_e$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.171	0.25	29.9	0.1	-5.6	5.6	271.7	0.125	0.125	0.25	33.0	4.9	-9.2	10.4	298.0	6.7	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
872	B00R_025_025$_e$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.093	0.25	22.7	0.3	-11.3	11.3	271.7	0.0	0.0	0.25	22.6	10.9	-15.3	18.8	305.6	11.3	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
873	Y00G_100_087$_e$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.861	0.125	84.5	-3.1	76.8	76.9	92.3	1.0	1.0	0.125	88.7	-11.1	81.0	81.8	97.8	10.0	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
874	Y00G_087_075$_e$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.756	0.125	76.3	-2.6	65.8	65.9	92.3	0.875	0.875	0.125	83.5	-10.7	71.8	72.6	98.5	12.3	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
875	Y00G_075_062$_e$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.651	0.125	68.2	-2.2	54.8	54.9	92.3	0.75	0.75	0.125	76.1	-9.9	60.2	61.0	99.3	12.3	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
876	Y00G_062_050$_e$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.545	0.125	60.0	-1.7	43.9	43.9	92.3	0.625	0.625	0.125	68.8	-9.0	49.6	50.4	100.3	12.7	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
877	Y00G_050_037$_e$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.44	0.124	51.8	-1.3	32.9	32.9	92.3	0.5	0.5	0.125	61.2	-7.8	38.2	39.0	101.5	12.5	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
878	Y00G_037_025$_e$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.335	0.124	43.7	-0.8	21.9	21.9	92.3	0.375	0.375	0.125	53.9	-6.2	26.3	27.1	103.2	12.3	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
879	Y00G_025_012$_e$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.23	0.124	35.5	-0.4	10.9	10.9	92.3	0.25	0.25	0.125	44.8	-4.0	14.1	14.7	105.9	10.4	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
880	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.125	0.125	0.125	31.9	-0.1	-0.1	0.2	218.3	4.5	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
881	B00R_012_012$_e$	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.046	0.125	20.2	0.1	-5.6	5.6	271.7	0.0	0.0	0.125	21.1	5.2	-7.3	9.0	305.5	5.4	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
882	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3	1.0	1.0	0.0	87.9	-11.4	94.4	95.1	96.9	11.4	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
883	Y00G_087_087$_e$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.736	0.0	74.8	-3.1	76.8	76.9	92.3	0.875	0.875	0.0	82.3	-11.2	84.8	85.5	97.5	13.7	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
884	Y00G_075_075$_e$	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.631	0.0	66.6	-2.6	65.8	65.9	92.3	0.75	0.75	0.0	74.9	-10.7	73.9	74.7	98.2	14.1	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
885	Y00G_062_062$_e$	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.526	0.0	58.4	-2.2	54.8	54.9	92.3	0.625	0.625	0.0	67.4	-9.9	62.9	63.7	98.9	14.3	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
886	Y00G_050_050$_e$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.42	0.0	50.3	-1.7	43.9	43.9	92.3	0.5	0.5	0.0	60.1	-9.0	51.5	52.3	99.9	14.4	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
887	Y00G_037_037$_e$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.315	0.0	42.1	-1.3	32.9	32.9	92.3	0.375	0.375	0.0	52.3	-7.7	39.3	40.1	101.1	13.6	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
888	Y00G_025_025$_e$	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.21	0.0	34.0	-0.8	21.9	21.9	92.3	0.25	0.25	0.0	43.4	-6.0	26.1	26.8	103.0	11.5	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
889	Y00G_012_012$_e$	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.105	0.0	25.8	-0.4	10.9	10.9	92.3	0.125	0.125	0.0	30.3	-3.2	11.0	11.5	106.5	5.2	81	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
890	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.9	0.1	0.4	0.4	75.8	2.2	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

Mean color difference of this page: delta $E^{*'}$ = *11.3*

1-0132930-F0

RE550-7N, Page 30/33-F

TUB-test chart RE55; 1080 standard colours
colors and differences, $\Delta E^{*'}$

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

TUB registration: 20150701-RE55/RE55L0NA.TXT /.PS
TUB material: code=rha4ta
application for measurement of offset print output, separation cmyn6 (CMYK)

1-0132930-F0

n	HIC*Fe	rgb_Fe			ict_Fe			$h_{si\_F,e}$	rgb*Fe			LabCh*Fe				
891	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
892	B50R_100_012$_e$	1.0	0.875	1.0	1.0	0.125	0.937	330	0.925	0.875	1.0	87.9	6.1	−3.7	7.2	328.6
893	B50R_100_025$_e$	1.0	0.75	1.0	1.0	0.25	0.875	330	0.851	0.75	1.0	80.3	12.3	−7.5	14.4	328.6
894	B50R_100_037$_e$	1.0	0.625	1.0	1.0	0.375	0.812	330	0.777	0.625	1.0	72.7	18.4	−11.2	21.6	328.6
895	B50R_100_050$_e$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.703	0.5	1.0	65.1	24.6	−15.0	28.8	328.6
896	B50R_100_062$_e$	1.0	0.375	1.0	1.0	0.625	0.687	330	0.629	0.375	1.0	57.5	30.8	−18.7	36.0	328.6
897	B50R_100_075$_e$	1.0	0.25	1.0	1.0	0.75	0.625	330	0.555	0.25	1.0	50.0	36.9	−22.5	43.3	328.6
898	B50R_100_087$_e$	1.0	0.125	1.0	1.0	0.875	0.562	330	0.481	0.125	1.0	42.4	43.1	−26.3	50.5	328.6
899	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
900	G00B_100_012$_e$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.886	90.0	−8.3	2.6	8.8	162.2
901	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0
902	B50R_087_012$_e$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.8	0.75	0.875	78.1	6.1	−3.7	7.2	328.6
903	B50R_087_025$_e$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.726	0.625	0.875	70.6	12.3	−7.5	14.4	328.6
904	B50R_087_037$_e$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.652	0.5	0.875	63.0	18.4	−11.2	21.6	328.6
905	B50R_087_050$_e$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.578	0.375	0.875	55.4	24.6	−15.0	28.8	328.6
906	B50R_087_062$_e$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.504	0.25	0.875	47.8	30.8	−18.7	36.0	328.6
907	B50R_087_075$_e$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.43	0.125	0.875	40.2	36.9	−22.5	43.3	328.6
908	B50R_087_087$_e$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.356	0.0	0.875	32.7	43.1	−26.3	50.5	328.6
909	G00B_100_025$_e$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.773	84.7	−16.7	5.3	17.6	162.2
910	G00B_087_012$_e$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.761	80.3	−8.3	2.6	8.8	162.2
911	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0
912	B50R_075_012$_e$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.675	0.625	0.75	68.4	6.1	−3.7	7.2	328.6
913	B50R_075_025$_e$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.601	0.5	0.75	60.8	12.3	−7.5	14.4	328.6
914	B50R_075_037$_e$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.527	0.375	0.75	53.3	18.4	−11.2	21.6	328.6
915	B50R_075_050$_e$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.453	0.25	0.75	45.7	24.6	−15.0	28.8	328.6
916	B50R_075_062$_e$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.379	0.125	0.75	38.1	30.8	−18.7	36.0	328.6
917	B50R_075_075$_e$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.305	0.0	0.75	30.5	36.9	−22.5	43.3	328.6
918	G00B_100_037$_e$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.659	79.3	−25.1	8.0	26.4	162.2
919	G00B_087_025$_e$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.648	74.9	−16.7	5.3	17.6	162.2
920	G00B_075_012$_e$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.636	70.6	−8.3	2.6	8.8	162.2
921	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0
922	B50R_062_012$_e$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.55	0.5	0.625	58.7	6.1	−3.7	7.2	328.6
923	B50R_062_025$_e$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.476	0.375	0.625	51.1	12.3	−7.5	14.4	328.6
924	B50R_062_037$_e$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.402	0.25	0.625	43.5	18.4	−11.2	21.6	328.6
925	B50R_062_050$_e$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.328	0.125	0.625	36.0	24.6	−15.0	28.8	328.6
926	B50R_062_062$_e$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.254	0.0	0.625	28.4	30.8	−18.7	36.0	328.6
927	G00B_100_050$_e$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.546	73.9	−33.5	10.7	35.2	162.2
928	G00B_087_037$_e$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.534	69.6	−25.1	8.0	26.4	162.2
929	G00B_075_025$_e$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.523	65.2	−16.7	5.3	17.6	162.2
930	G00B_062_012$_e$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.511	60.9	−8.3	2.6	8.8	162.2
931	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0
932	B50R_050_012$_e$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.425	0.375	0.5	49.0	6.1	−3.7	7.2	328.6
933	B50R_050_025$_e$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.351	0.249	0.5	41.4	12.3	−7.5	14.4	328.6
934	B50R_050_037$_e$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.277	0.124	0.5	33.8	18.4	−11.2	21.6	328.6
935	B50R_050_050$_e$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.203	0.0	0.5	26.2	24.6	−15.0	28.8	328.6
936	G00B_100_062$_e$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.433	68.5	−41.9	13.4	44.0	162.2
937	G00B_087_050$_e$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.421	64.2	−33.5	10.7	35.2	162.2
938	G00B_075_037$_e$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.409	59.8	−25.1	8.0	26.4	162.2
939	G00B_062_025$_e$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.398	55.5	−16.7	5.3	17.6	162.2
940	G00B_050_012$_e$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.386	51.2	−8.3	2.6	8.8	162.2
941	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0
942	B50R_037_012$_e$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.3	0.249	0.375	39.2	6.1	−3.7	7.2	328.6
943	B50R_037_025$_e$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.226	0.124	0.375	31.7	12.3	−7.5	14.4	328.6
944	B50R_037_037$_e$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.152	0.0	0.375	24.1	18.4	−11.2	21.6	328.6
945	G00B_100_075$_e$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.319	63.1	−50.3	16.1	52.8	162.2
946	G00B_087_062$_e$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.308	58.8	−41.9	13.4	44.0	162.2
947	G00B_075_050$_e$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.296	54.5	−33.5	10.7	35.2	162.2
948	G00B_062_037$_e$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.284	50.1	−25.1	8.0	26.4	162.2
949	G00B_050_025$_e$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.273	45.8	−16.7	5.3	17.6	162.2
950	G00B_037_012$_e$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.261	41.4	−8.3	2.6	8.8	162.2
951	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0
952	B50R_025_012$_e$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.175	0.124	0.25	29.5	6.1	−3.7	7.2	328.6
953	B50R_025_025$_e$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.101	0.0	0.25	21.9	12.3	−7.5	14.4	328.6
954	G00B_100_087$_e$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.206	57.7	−58.7	18.8	61.6	162.2
955	G00B_087_075$_e$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.194	53.4	−50.3	16.1	52.8	162.2
956	G00B_075_062$_e$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.183	49.1	−41.9	13.4	44.0	162.2
957	G00B_062_050$_e$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.171	44.7	−33.5	10.7	35.2	162.2
958	G00B_050_037$_e$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.159	40.4	−25.1	8.0	26.4	162.2
959	G00B_037_025$_e$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.148	36.1	−16.7	5.3	17.6	162.2
960	G00B_025_012$_e$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.136	31.7	−8.3	2.6	8.8	162.2
961	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0
962	B50R_012_012$_e$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.05	0.0	0.125	19.8	6.1	−3.7	7.2	328.6
963	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
964	G00B_087_087$_e$	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.081	48.0	−58.7	18.8	61.6	162.2
965	G00B_075_075$_e$	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.069	43.7	−50.3	16.1	52.8	162.2
966	G00B_062_062$_e$	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.058	39.4	−41.9	13.4	44.0	162.2
967	G00B_050_050$_e$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.046	35.0	−33.5	10.7	35.2	162.2
968	G00B_037_037$_e$	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.034	30.7	−25.1	8.0	26.4	162.2
969	G00B_025_025$_e$	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.023	26.3	−16.7	5.3	17.6	162.2
970	G00B_012_012$_e$	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.011	22.0	−8.3	2.6	8.8	162.2
971	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0

n	rgb*'Fe			LabCh*'Fe					DE*'Fe	$h_{siM,e}$	rgb*Me			LabCh*Me				
891	1.0	1.0	1.0	95.4	0.0	0.0	0.0	139.6	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
892	1.0	0.875	1.0	90.7	6.1	−1.9	6.4	342.7	3.4	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
893	1.0	0.75	1.0	84.8	13.8	−3.6	14.3	345.3	6.1	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
894	1.0	0.625	1.0	79.2	21.3	−4.9	21.9	346.8	9.4	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
895	1.0	0.5	1.0	71.3	32.5	−6.6	33.2	348.3	13.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
896	1.0	0.375	1.0	64.8	42.4	−7.4	43.0	350.0	17.7	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
897	1.0	0.25	1.0	58.5	52.9	−7.7	53.5	351.7	23.4	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
898	1.0	0.125	1.0	51.7	64.8	−7.5	65.3	353.3	30.2	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
899	1.0	0.0	1.0	46.6	74.0	−5.9	74.2	355.3	36.5	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
900	0.875	1.0	0.875	91.1	−5.7	5.3	7.8	136.8	3.9	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
901	0.875	0.875	0.875	89.4	0.0	−0.1	0.1	227.1	3.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
902	0.875	0.75	0.875	84.8	6.1	−2.0	6.4	341.8	6.9	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
903	0.875	0.625	0.875	78.1	14.6	−3.8	15.1	345.1	8.6	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
904	0.875	0.5	0.875	72.1	22.8	−5.3	23.4	346.8	11.7	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
905	0.875	0.375	0.875	64.3	33.9	−6.8	34.6	348.5	15.2	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
906	0.875	0.25	0.875	56.7	46.0	−7.7	46.7	350.4	20.7	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
907	0.875	0.125	0.875	49.8	57.9	−7.7	58.5	352.3	27.3	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
908	0.875	0.0	0.875	44.0	68.6	−6.7	69.0	354.3	34.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
909	0.75	1.0	0.75	86.4	−11.2	10.5	15.4	136.9	7.7	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
910	0.75	0.875	0.75	84.9	−6.1	5.4	8.1	138.5	5.8	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
911	0.75	0.75	0.75	81.3	−0.2	−0.2	0.3	228.2	5.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
912	0.75	0.625	0.75	75.8	6.5	−2.3	6.9	340.3	7.5	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
913	0.75	0.5	0.75	69.1	15.2	−4.2	15.8	344.5	9.3	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
914	0.75	0.375	0.75	61.9	25.3	−5.9	26.0	346.8	12.2	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
915	0.75	0.25	0.75	54.0	37.0	−7.1	37.7	349.1	16.9	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
916	0.75	0.125	0.75	46.8	48.8	−7.4	49.4	351.3	23.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
917	0.75	0.0	0.75	40.6	60.5	−7.1	60.9	353.2	29.8	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
918	0.625	1.0	0.625	80.8	−17.7	15.6	23.6	138.5	10.7	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
919	0.625	0.875	0.625	79.8	−12.1	10.8	16.2	138.3	8.5	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
920	0.625	0.75	0.625	76.5	−6.3	5.3	8.2	140.0	6.7	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
921	0.625	0.625	0.625	73.3	−0.3	−0.3	0.5	231.8	7.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
922	0.625	0.5	0.625	67.3	7.3	−2.6	7.7	339.9	8.7	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
923	0.625	0.375	0.625	60.9	15.9	−4.3	16.5	344.6	10.9	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
924	0.625	0.25	0.625	52.6	27.7	−6.2	28.4	347.3	13.8	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
925	0.625	0.125	0.625	44.7	39.9	−7.1	40.6	349.9	19.3	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
926	0.625	0.0	0.625	37.8	52.5	−7.1	53.0	352.2	26.3	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
927	0.5	1.0	0.5	74.4	−25.5	19.9	32.3	142.0	12.1	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
928	0.5	0.875	0.5	73.3	−19.7	14.9	24.7	142.8	9.5	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
929	0.5	0.75	0.5	70.8	−12.8	10.5	16.6	140.7	8.5	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
930	0.5	0.625	0.5	68.2	−6.8	5.0	8.4	143.3	7.8	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
931	0.5	0.5	0.5	65.5	−0.3	−0.4	0.5	232.6	8.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
932	0.5	0.375	0.5	58.1	8.5	−2.9	9.0	340.7	9.5	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
933	0.5	0.25	0.5	50.7	19.0	−5.0	19.7	345.2	11.7	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
934	0.5	0.125	0.5	41.7	31.7	−6.4	32.4	348.5	16.2	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
935	0.5	0.0	0.5	34.7	44.3	−6.7	44.8	351.3	23.0	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
936	0.375	1.0	0.375	68.4	−33.7	23.8	41.3	144.6	13.3	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
937	0.375	0.875	0.375	67.6	−27.6	19.9	34.0	144.2	11.4	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
938	0.375	0.75	0.375	64.8	−21.0	15.2	25.9	144.0	9.6	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
939	0.375	0.625	0.375	62.6	−14.1	10.6	17.7	143.0	9.2	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
940	0.375	0.5	0.375	59.9	−7.4	5.4	9.2	143.8	9.2	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
941	0.375	0.375	0.375	57.5	−0.3	−0.5	0.6	234.9	10.6	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
942	0.375	0.25	0.375	49.1	9.9	−3.2	10.5	341.7	10.5	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
943	0.375	0.125	0.375	40.5	21.7	−5.1	22.3	346.7	13.1	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
944	0.375	0.0	0.375	32.5	34.9	−5.8	35.4	350.4	19.2	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
945	0.25	1.0	0.25	62.1	−43.3	25.9	50.5	149.0	12.1	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
946	0.25	0.875	0.25	60.8	−37.2	24.0	44.3	147.1	11.7	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
947	0.25	0.75	0.25	58.5	−29.7	20.1	35.9	145.8	10.9	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
948	0.25	0.625	0.25	56.0	−23.1	15.7	28.0	145.8	9.8	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
949	0.25	0.5	0.25	53.2	−16.2	10.9	19.5	146.1	9.2	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
950	0.25	0.375	0.25	50.9	−8.5	5.8	10.3	145.8	9.9	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
951	0.25	0.25	0.25	47.1	−0.3	−0.4	0.6	233.7	9.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
952	0.25	0.125	0.25	37.7	12.0	−3.3	12.4	344.4	10.1	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
953	0.25	0.0	0.25	29.7	23.9	−4.6	24.4	349.0	14.2	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
954	0.125	1.0	0.125	56.0	−54.1	26.7	60.4	153.7	9.3	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
955	0.125	0.875	0.125	54.5	−48.1	24.7	54.1	152.8	8.9	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
956	0.125	0.75	0.125	51.7	−40.9	21.9	46.4	151.8	8.9	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
957	0.125	0.625	0.125	48.7	−33.7	18.9	38.6	150.6	9.1	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
958	0.125	0.5	0.125	46.0	−26.1	15.7	30.5	148.8	9.5	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
959	0.125	0.375	0.125	43.1	−18.7	11.3	21.8	148.8	9.4	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
960	0.125	0.25	0.125	39.1	−10.7	6.0	12.3	150.7	8.4	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
961	0.125	0.125	0.125	32.3	−0.2	−0.1	0.2	220.7	4.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
962	0.125	0.0	0.125	24.9	11.1	−2.2	11.3	348.7	7.2	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6
963	0.0	1.0	0.0	49.3	−69.7	24.5	73.9	160.5	5.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
964	0.0	0.875	0.0	47.8	−63.4	23.3	67.5	159.7	6.5	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
965	0.0	0.75	0.0	45.3	−54.3	22.0	58.6	157.9	7.2	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
966	0.0	0.625	0.0	42.7	−46.0	19.4	50.0	157.0	8.0	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
967	0.0	0.5	0.0	39.4	−37.8	17.6	41.7	154.9	9.2	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
968	0.0	0.375	0.0	36.5	−29.3	14.0	32.4	154.4	9.2	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
969	0.0	0.25	0.0	33.1	−19.7	10.4	22.3	152.0	8.9	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
970	0.0	0.125	0.0	26.3	−9.4	4.0	10.3	156.8	4.6	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
971	0.0	0.0	0.0	20.4	0.1	0.5	0.5	78.3	2.7	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

Mean color difference of this page: delta $E^{*'}$ = *11.7*

1−0133030−F0

RE550−7N, Page 31/33−F

TUB-test chart RE55; 1080 standard colours
colors and differences, $\Delta E^{*'}$

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

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

TUB registration: 20150701-RE55/RE55L0NA.TXT /.PS
application for measurement of offset print output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/RE55/RE55L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 32/33

n	HIC*Fe	rgb_Fe			ict_Fe			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	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.3	0.0	0.4	0.4	84.7	1.6	360	1.0	1.0	1.0	95.4	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	27.4	0.0	0.0	0.0	0.0	0.125	0.125	0.125	30.5	−0.2	−0.2	0.3	226.1	3.1	360	1.0	1.0	1.0	95.4	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	37.1	0.0	0.0	0.0	0.0	0.25	0.25	0.25	45.4	−0.4	−0.6	0.7	236.5	8.3	360	1.0	1.0	1.0	95.4	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	46.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	56.2	−0.4	−0.3	0.5	217.4	9.3	360	1.0	1.0	1.0	95.4	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	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	65.1	−0.4	−0.4	0.5	224.9	8.5	360	1.0	1.0	1.0	95.4	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	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	73.8	−0.3	−0.2	0.4	220.0	7.5	360	1.0	1.0	1.0	95.4	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	76.0	0.0	0.0	0.0	0.0	0.75	0.75	0.75	81.8	−0.2	−0.2	0.3	225.6	5.8	360	1.0	1.0	1.0	95.4	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	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.8	−0.1	0.0	0.1	215.9	4.1	360	1.0	1.0	1.0	95.4	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	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	138.2	0.0	360	1.0	1.0	1.0	95.4	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	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.2	0.2	72.2	1.3	360	1.0	1.0	1.0	95.4	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	27.4	0.0	0.0	0.0	0.0	0.125	0.125	0.125	30.2	−0.2	−0.3	0.4	235.2	2.8	360	1.0	1.0	1.0	95.4	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	37.1	0.0	0.0	0.0	0.0	0.25	0.25	0.25	45.3	−0.4	−0.6	0.7	235.9	8.2	360	1.0	1.0	1.0	95.4	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	46.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	56.3	−0.4	−0.5	0.7	229.4	9.5	360	1.0	1.0	1.0	95.4	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	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	64.8	−0.4	−0.1	0.5	191.4	8.2	360	1.0	1.0	1.0	95.4	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	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	73.6	−0.3	−0.2	0.4	210.7	7.3	360	1.0	1.0	1.0	95.4	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	76.0	0.0	0.0	0.0	0.0	0.75	0.75	0.75	81.6	−0.2	−0.2	0.3	229.6	5.6	360	1.0	1.0	1.0	95.4	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	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.9	−0.1	0.0	0.1	197.4	4.1	360	1.0	1.0	1.0	95.4	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	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.5	0.0	0.0	0.0	102.7	0.1	360	1.0	1.0	1.0	95.4	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	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.6	0.0	0.1	0.1	83.1	0.9	360	1.0	1.0	1.0	95.4	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	27.4	0.0	0.0	0.0	0.0	0.125	0.125	0.125	29.8	−0.2	−0.3	0.4	232.8	2.4	360	1.0	1.0	1.0	95.4	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	37.1	0.0	0.0	0.0	0.0	0.25	0.25	0.25	45.1	−0.4	−0.6	0.8	237.3	8.0	360	1.0	1.0	1.0	95.4	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	46.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	56.1	−0.4	−0.5	0.7	228.2	9.2	360	1.0	1.0	1.0	95.4	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	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	64.7	−0.4	−0.3	0.5	220.2	8.1	360	1.0	1.0	1.0	95.4	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	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	73.4	−0.3	−0.3	0.5	224.3	7.1	360	1.0	1.0	1.0	95.4	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	76.0	0.0	0.0	0.0	0.0	0.75	0.75	0.75	81.2	−0.2	−0.1	0.3	213.1	5.2	360	1.0	1.0	1.0	95.4	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	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.4	−0.1	0.0	0.1	202.8	3.7	360	1.0	1.0	1.0	95.4	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	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.3	0.0	0.1	0.1	111.5	0.1	360	1.0	1.0	1.0	95.4	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	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.4	0.0	0.0	0.0	96.0	0.7	360	1.0	1.0	1.0	95.4	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	27.4	0.0	0.0	0.0	0.0	0.125	0.125	0.125	29.4	−0.2	−0.3	0.4	233.4	2.0	360	1.0	1.0	1.0	95.4	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	37.1	0.0	0.0	0.0	0.0	0.25	0.25	0.25	44.3	−0.4	−0.7	0.8	239.8	7.2	360	1.0	1.0	1.0	95.4	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	46.8	0.0	0.0	0.0	0.0	0.375	0.375	0.375	55.8	−0.4	−0.6	0.8	235.0	8.9	360	1.0	1.0	1.0	95.4	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	56.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	64.6	−0.4	−0.5	0.6	230.8	8.1	360	1.0	1.0	1.0	95.4	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	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	73.2	−0.3	−0.4	0.5	229.6	6.9	360	1.0	1.0	1.0	95.4	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	76.0	0.0	0.0	0.0	0.0	0.75	0.75	0.75	81.2	−0.2	−0.2	0.3	222.5	5.2	360	1.0	1.0	1.0	95.4	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	85.7	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.7	−0.1	0.0	0.1	179.7	3.9	360	1.0	1.0	1.0	95.4	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	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.1	0.1	108.6	0.1	360	1.0	1.0	1.0	95.4	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	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.7	0.0	0.4	0.4	83.1	2.1	360	1.0	1.0	1.0	95.4	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	22.8	0.0	0.0	0.0	0.0	0.066	0.066	0.066	23.5	0.0	0.3	0.3	97.7	0.7	360	1.0	1.0	1.0	95.4	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	28.0	0.0	0.0	0.0	0.0	0.133	0.133	0.133	31.8	−0.2	−0.3	0.4	233.6	3.7	360	1.0	1.0	1.0	95.4	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	33.2	0.0	0.0	0.0	0.0	0.2	0.2	0.2	40.7	−0.3	−0.5	0.6	236.6	7.4	360	1.0	1.0	1.0	95.4	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	38.3	0.0	0.0	0.0	0.0	0.266	0.266	0.266	46.8	−0.4	−0.5	0.7	234.6	8.5	360	1.0	1.0	1.0	95.4	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	43.6	0.0	0.0	0.0	0.0	0.333	0.333	0.333	53.5	−0.4	−0.5	0.6	231.7	9.9	360	1.0	1.0	1.0	95.4	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	48.8	0.0	0.0	0.0	0.0	0.4	0.4	0.4	58.5	−0.4	−0.5	0.6	232.4	9.7	360	1.0	1.0	1.0	95.4	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	53.9	0.0	0.0	0.0	0.0	0.466	0.466	0.466	62.7	−0.4	−0.5	0.6	232.1	8.7	360	1.0	1.0	1.0	95.4	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	59.1	0.0	0.0	0.0	0.0	0.533	0.533	0.533	67.6	−0.3	−0.4	0.6	231.8	8.5	360	1.0	1.0	1.0	95.4	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	64.3	0.0	0.0	0.0	0.0	0.6	0.6	0.6	72.7	−0.3	−0.4	0.5	231.4	8.3	360	1.0	1.0	1.0	95.4	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	69.5	0.0	0.0	0.0	0.0	0.666	0.666	0.666	76.8	−0.2	−0.3	0.4	231.9	7.3	360	1.0	1.0	1.0	95.4	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	74.7	0.0	0.0	0.0	0.0	0.734	0.734	0.734	80.9	−0.2	−0.2	0.3	225.3	6.1	360	1.0	1.0	1.0	95.4	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	79.9	0.0	0.0	0.0	0.0	0.8	0.8	0.8	84.8	−0.1	−0.1	0.2	226.2	4.9	360	1.0	1.0	1.0	95.4	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	85.0	0.0	0.0	0.0	0.0	0.866	0.866	0.866	89.6	−0.1	0.0	0.1	212.1	4.6	360	1.0	1.0	1.0	95.4	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	90.2	0.0	0.0	0.0	0.0	0.933	0.933	0.933	92.3	0.0	0.0	0.0	232.8	2.0	360	1.0	1.0	1.0	95.4	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	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.5	0.0	0.0	0.0	325.6	0.0	360	1.0	1.0	1.0	95.4	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	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4	0.0	0.4	0.4	87.5	1.7	360	1.0	1.0	1.0	95.4	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	22.8	0.0	0.0	0.0	0.0	0.066	0.066	0.066	23.2	0.0	0.1	0.1	114.3	0.3	360	1.0	1.0	1.0	95.4	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	28.0	0.0	0.0	0.0	0.0	0.133	0.133	0.133	31.5	−0.2	−0.3	0.4	234.5	3.4	360	1.0	1.0	1.0	95.4	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	33.2	0.0	0.0	0.0	0.0	0.2	0.2	0.2	40.2	−0.3	−0.6	0.7	237.8	7.0	360	1.0	1.0	1.0	95.4	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	38.3	0.0	0.0	0.0	0.0	0.266	0.266	0.266	46.7	−0.4	−0.5	0.7	234.5	8.4	360	1.0	1.0	1.0	95.4	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	43.6	0.0	0.0	0.0	0.0	0.333	0.333	0.333	52.9	−0.4	−0.6	0.7	235.6	9.4	360	1.0	1.0	1.0	95.4	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	48.8	0.0	0.0	0.0	0.0	0.4	0.4	0.4	58.0	−0.4	−0.6	0.7	236.6	9.2	360	1.0	1.0	1.0	95.4	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	53.9	0.0	0.0	0.0	0.0	0.466	0.466	0.466	62.5	−0.4	−0.5	0.6	233.8	8.5	360	1.0	1.0	1.0	95.4	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	59.1	0.0	0.0	0.0	0.0	0.533	0.533	0.533	67.6	−0.3	−0.4	0.6	229.9	8.4	360	1.0	1.0	1.0	95.4	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	64.3	0.0	0.0	0.0	0.0	0.6	0.6	0.6	72.6	−0.3	−0.3	0.5	226.7	8.2	360	1.0	1.0	1.0	95.4	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	69.5	0.0	0.0	0.0	0.0	0.666	0.666	0.666	76.4	−0.3	−0.3	0.4	228.5	6.9	360	1.0	1.0	1.0	95.4	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	74.7	0.0	0.0	0.0	0.0	0.734	0.734	0.734	81.0	−0.2	−0.3	0.3	231.4	6.2	360	1.0	1.0	1.0	95.4	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	79.9	0.0	0.0	0.0	0.0	0.8	0.8	0.8	84.8	−0.1	−0.2	0.2	227.1	4.9	360	1.0	1.0	1.0	95.4	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	85.0	0.0	0.0	0.0	0.0	0.866	0.866	0.866	89.7	−0.1	0.0	0.1	214.9	4.6	360	1.0	1.0	1.0	95.4	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	90.2	0.0	0.0	0.0	0.0	0.933	0.933	0.933	92.3	0.0	0.0	0.0	192.4	2.0	360	1.0	1.0	1.0	95.4	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	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.6	0.0	0.0	0.0	75.7	0.1	360	1.0	1.0	1.0	95.4	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	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	0.0	0.3	0.3	82.9	1.6	360	1.0	1.0	1.0	95.4	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	22.8	0.0	0.0	0.0	0.0	0.066	0.066	0.066	22.9	−0.1	0.1	0.1	123.7	0.2	360	1.0	1.0	1.0	95.4	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	28.0	0.0	0.0	0.0	0.0	0.133	0.133	0.133	30.8	−0.3	−0.3	0.4	230.8	2.8	360	1.0	1.0	1.0	95.4	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	33.2	0.0	0.0	0.0	0.0	0.2	0.2	0.2	39.5	−0.4	−0.6	0.7	238.3	6.3	360	1.0	1.0	1.0	95.4	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	38.3	0.0	0.0	0.0	0.0	0.266	0.266	0.266	45.8	−0.4	−0.6	0.7	234.2	7.5	360	1.0	1.0	1.0	95.4	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	43.6	0.0	0.0	0.0	0.0	0.333	0.333	0.333	52.9	−0.4	−0.6	0.7	233.9	9.3	360	1.0	1.0	1.0	95.4	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	48.8	0.0	0.0	0.0	0.0	0.4	0.4	0.4	57.9	−0.4	−0.6	0.7	234.3	9.2	360	1.0	1.0	1.0	95.4	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	53.9	0.0	0.0	0.0	0.0	0.466	0.466	0.466	62.0	−0.4	−0.5	0.7	231.6	8.1	360	1.0	1.0	1.0	95.4	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	59.1	0.0	0.0	0.0	0.0	0.533	0.533	0.533	67.5	−0.3	−0.5	0.6	233.4	8.3	360	1.0	1.0	1.0	95.4	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	64.3	0.0	0.0	0.0	0.0	0.6	0.6	0.6	72.0	−0.3	−0.4	0.5	231.2	7.7	360	1.0	1.0	1.0	95.4	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	69.5	0.0	0.0	0.0	0.0	0.666	0.666	0.666	76.6	−0.3	−0.3	0.5	230.4	7.2	360	1.0	1.0	1.0	95.4	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	74.7	0.0	0.0	0.0	0.0	0.734	0.734	0.734	80.9	−0.2	−0.3	0.4	229.7	6.2	360	1.0	1.0	1.0	95.4	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	79.9	0.0	0.0	0.0	0.0	0.8	0.8	0.8	84.7	−0.2	−0.1	0.2	213.0	4.8	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

Mean color difference of this page: delta $E^{*\prime}$ = 5.5

1−0133130−F0 RE550−7N, Page 32/33−F

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

TUB-test chart RE55; 1080 standard colours
colors and differences, $\Delta E^{*\prime}$

1−0133130−F0

http://130.149.60.45/~farbmetrik/RE55/RE55L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 33/33

n	HIC^*_{Fe}	$rgb_{\_Fe}$			$ict_{\_Fe}$			$h_{si\_F,e}$	rgb^*_{Fe}			$LabCh^*_{Fe}$					$rgb^{*\prime}_{Fe}$			$LabCh^{*\prime}_{Fe}$					$DE^{*\prime}_{Fe}$	$h_{siM,e}$	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	85.0	0.0	0.0	0.0	0.0	0.866	0.866	0.866	89.4	−0.1	0.0	0.1	204.5	4.4	360	1.0	1.0	1.0	95.4	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	90.2	0.0	0.0	0.0	0.0	0.933	0.933	0.933	92.2	0.0	0.0	0.0	177.8	1.9	360	1.0	1.0	1.0	95.4	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	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	61.5	0.0	360	1.0	1.0	1.0	95.4	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	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.7	0.0	0.1	0.1	96.3	1.0	360	1.0	1.0	1.0	95.4	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	22.8	0.0	0.0	0.0	0.0	0.066	0.066	0.066	22.3	−0.1	0.0	0.1	151.6	0.5	360	1.0	1.0	1.0	95.4	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	28.0	0.0	0.0	0.0	0.0	0.133	0.133	0.133	30.4	−0.2	−0.5	0.6	242.3	2.4	360	1.0	1.0	1.0	95.4	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	33.2	0.0	0.0	0.0	0.0	0.2	0.2	0.2	38.9	−0.4	−0.8	0.9	243.3	5.7	360	1.0	1.0	1.0	95.4	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	38.3	0.0	0.0	0.0	0.0	0.266	0.266	0.266	45.6	−0.4	−0.7	0.8	240.2	7.2	360	1.0	1.0	1.0	95.4	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	43.6	0.0	0.0	0.0	0.0	0.333	0.333	0.333	51.9	−0.4	−0.6	0.8	235.4	8.4	360	1.0	1.0	1.0	95.4	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	48.8	0.0	0.0	0.0	0.0	0.4	0.4	0.4	57.3	−0.4	−0.6	0.7	234.3	8.6	360	1.0	1.0	1.0	95.4	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	53.9	0.0	0.0	0.0	0.0	0.466	0.466	0.466	61.7	−0.4	−0.6	0.7	235.2	7.8	360	1.0	1.0	1.0	95.4	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	59.1	0.0	0.0	0.0	0.0	0.533	0.533	0.533	67.0	−0.3	−0.5	0.6	234.5	7.9	360	1.0	1.0	1.0	95.4	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	64.3	0.0	0.0	0.0	0.0	0.6	0.6	0.6	72.1	−0.3	−0.4	0.5	231.6	7.7	360	1.0	1.0	1.0	95.4	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	69.5	0.0	0.0	0.0	0.0	0.666	0.666	0.666	76.7	−0.3	−0.4	0.5	233.5	7.3	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1067	NW_073$_e$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.7	0.0	0.0	0.0	0.0	0.734	0.734	0.734	80.9	−0.2	−0.2	0.3	225.3	6.1	360	1.0	1.0	1.0	95.4	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	79.9	0.0	0.0	0.0	0.0	0.8	0.8	0.8	84.8	−0.2	−0.1	0.2	221.2	4.9	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1069	NW_086$_e$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.0	0.0	0.0	0.0	0.0	0.866	0.866	0.866	89.3	−0.1	−0.1	0.1	220.3	4.3	360	1.0	1.0	1.0	95.4	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	90.2	0.0	0.0	0.0	0.0	0.933	0.933	0.933	92.2	0.0	0.0	0.0	125.8	2.0	360	1.0	1.0	1.0	95.4	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	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.5	0.0	0.0	0.0	92.4	0.0	360	1.0	1.0	1.0	95.4	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	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.1	0.5	0.5	78.4	2.3	360	1.0	1.0	1.0	95.4	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	95.4	0.0	0.0	0.0	0.0	1.0	1.0	1.0	95.6	0.0	−0.1	0.1	275.2	0.1	360	1.0	1.0	1.0	95.4	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	0.209	47.6	64.9	30.9	71.9	25.4	1.0	0.0	0.0	44.8	66.8	40.9	78.4	31.4	10.5	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
1075	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9	0.0	1.0	1.0	56.0	−28.4	−45.4	53.6	237.9	19.1	195	0.0	1.0	0.735	56.6	−39.7	−29.9	49.8	216.9
1076	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3	1.0	1.0	0.0	87.5	−11.0	95.6	96.2	96.5	11.7	81	1.0	0.841	0.0	82.9	−3.5	87.8	87.9	92.3
1077	B00R_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7	0.0	0.0	1.0	22.8	25.5	−46.0	52.6	299.0	28.4	248	0.0	0.374	1.0	37.9	1.3	−45.4	45.4	271.7
1078	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2	0.0	1.0	0.0	48.4	−70.3	25.1	74.6	160.2	6.2	154	0.0	1.0	0.093	52.4	−67.1	21.5	70.5	162.2
1079	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6	1.0	0.0	1.0	45.0	75.3	−3.2	75.4	357.5	38.7	293	0.407	0.0	1.0	34.8	49.2	−30.0	57.7	328.6

Mean color difference of this page: **delta $E^{*\prime}$ =** ***7.6***

1−0133230−F0

RE550−7N, Page 33/33−F

TUB-test chart RE55; 1080 standard colours
colors and differences, $\Delta E^{*\prime}$

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

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

TUB registration: 20150701-RE55/RE55L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation cmyn6 (CMYK)

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