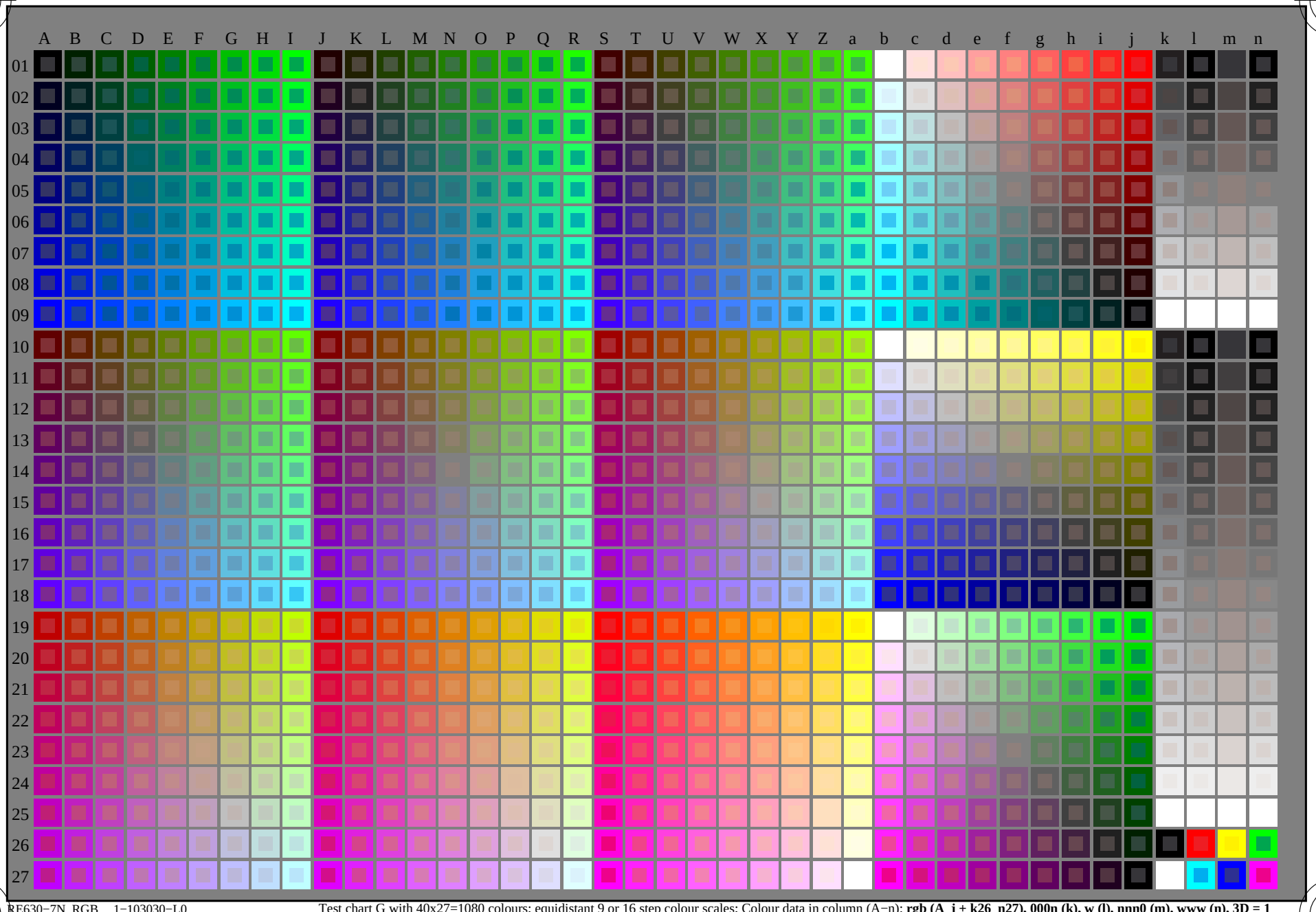


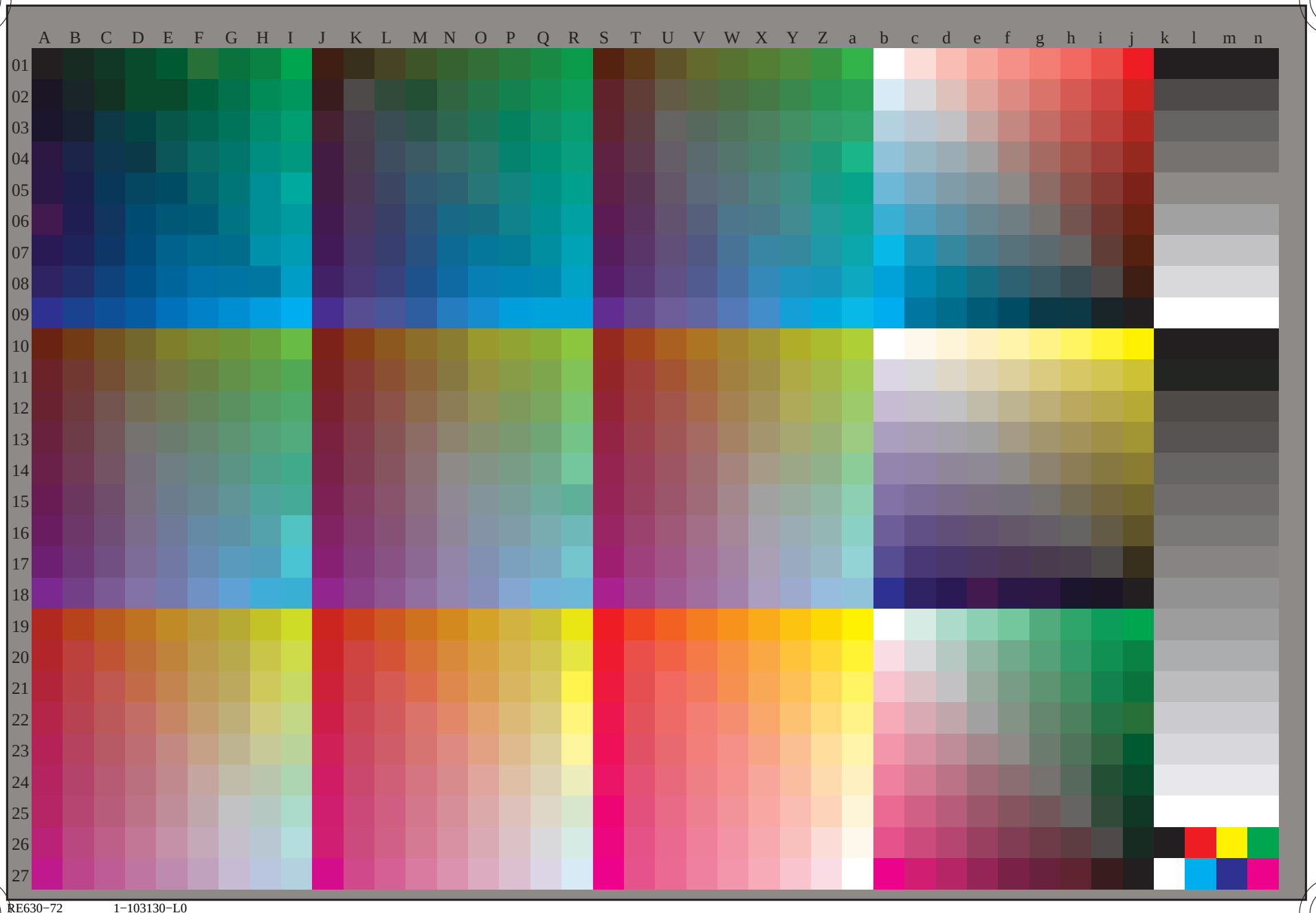
RE630−7N_RGB 1−103030−L0

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

TUB-test chart RE63; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

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

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 2/33



see similar files: http://130.149.60.45/~farbmetrik/RE63/RE63.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE63/RE63L0FP.PDF /.PS
application for measurement of laser printer output, separation cmyn6* (CMYK)

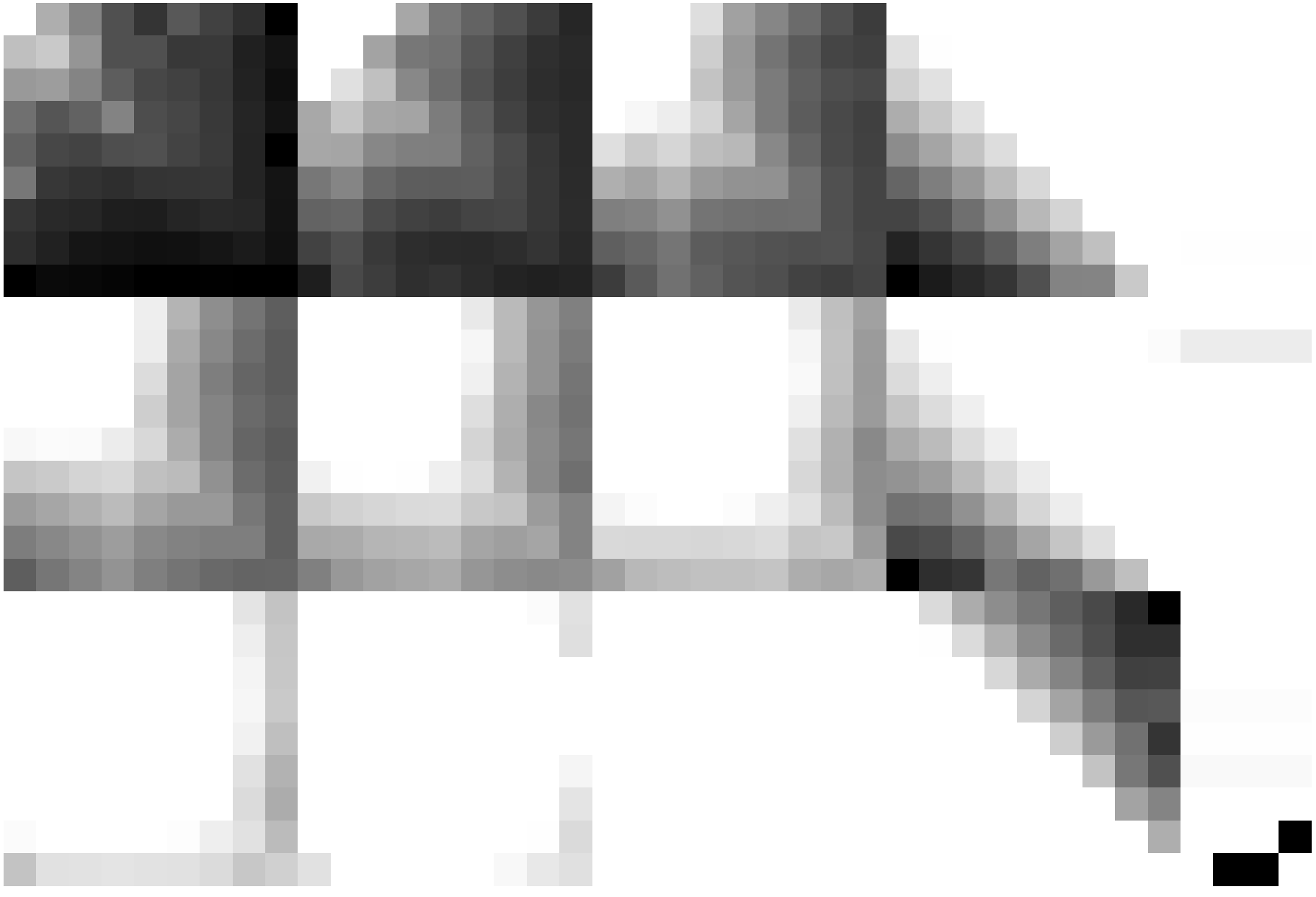
TUB material: code=rha4ta

RE630-72 1-103130-L0

TUB-test chart RE63; 1080 standard colours, *cf*=1
Test chart according to DIN 33872, 3D=1, de=0, *cmyk**

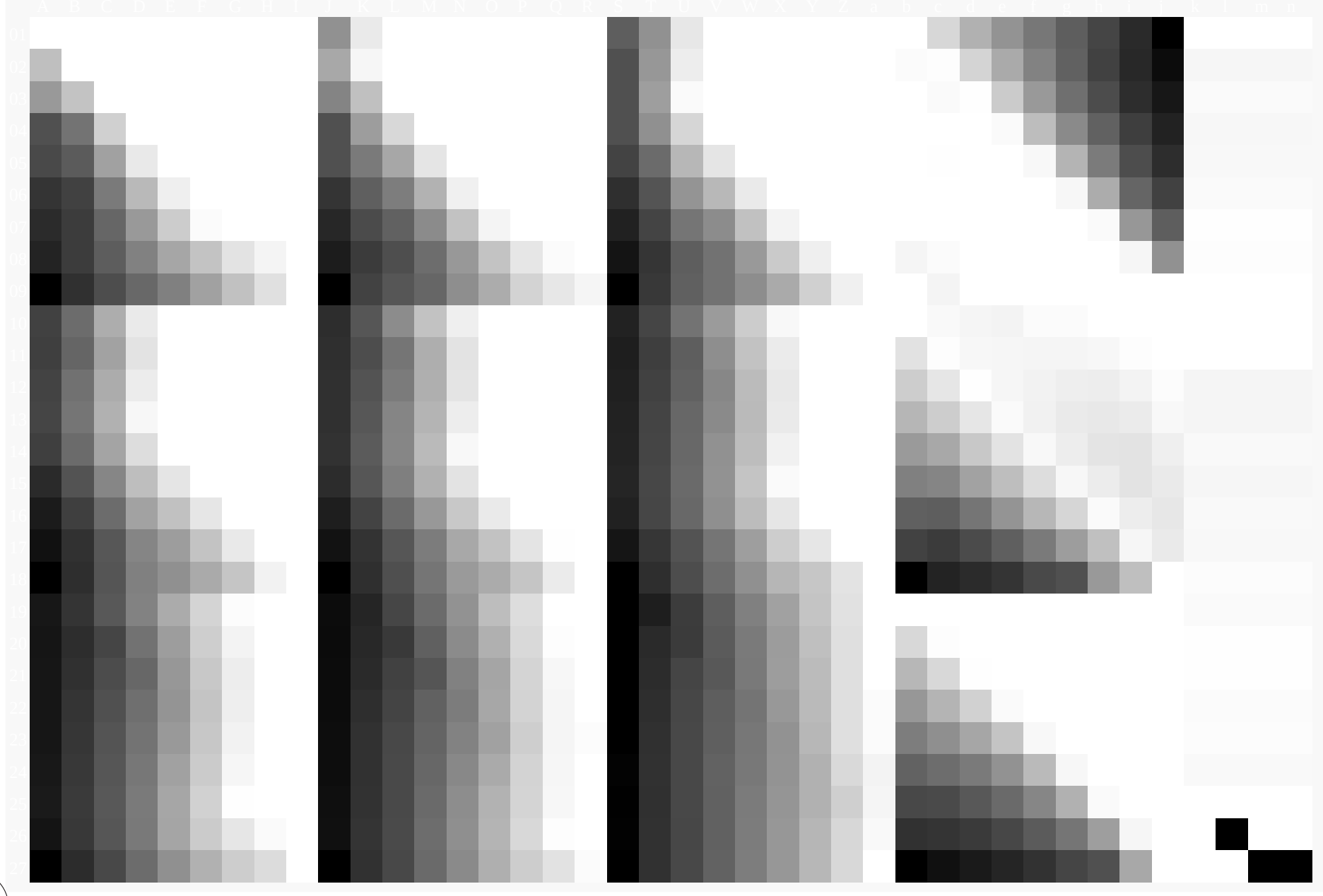
input: *rgb/cmyk* -> rgb_{dd}
output: 3D-linearization to $cmyk^*_{dd}$

1-103130-F0



TUB-test chart RE63; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

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



TUB registration: 20150701-RE63/RE63L0FP.PDF /.PS
application for measurement of laser printer output, separation cmyn6* (CMYK)

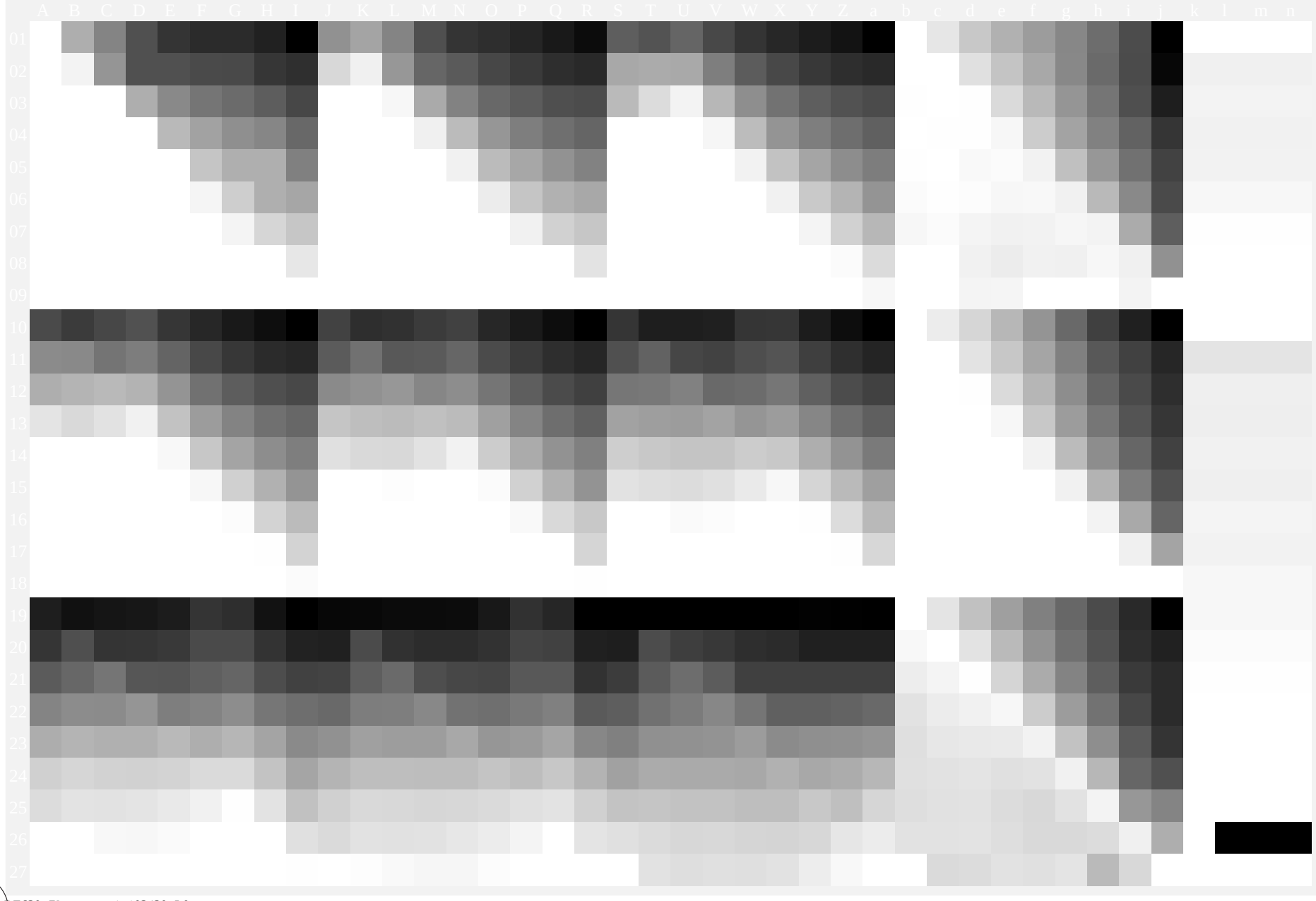
TUB material: code=rha4ta

RE630−72 1−103330−L0

TUB-test chart RE63; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

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

1−103330−F0



TUB registration: 20150701-RE63/RE63L0FP.PDF /.PS
application for measurement of laser printer output, separation cmyn6* (CMYK)

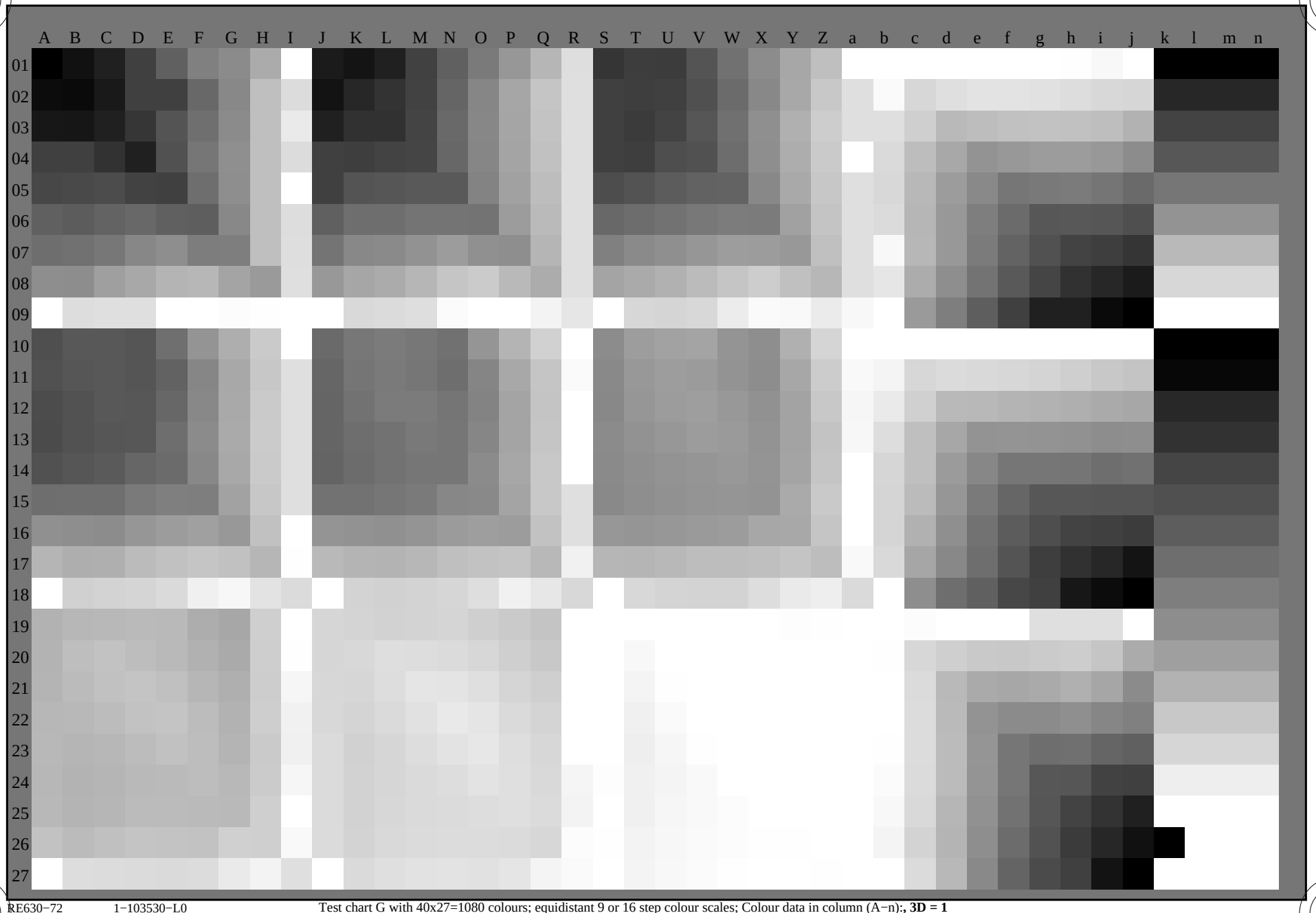
TUB material: code=rha4ta

RE630−72 1−103430−L0

TUB-test chart RE63; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

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

1−103430−F0



RE630−72 1−103530−L0

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

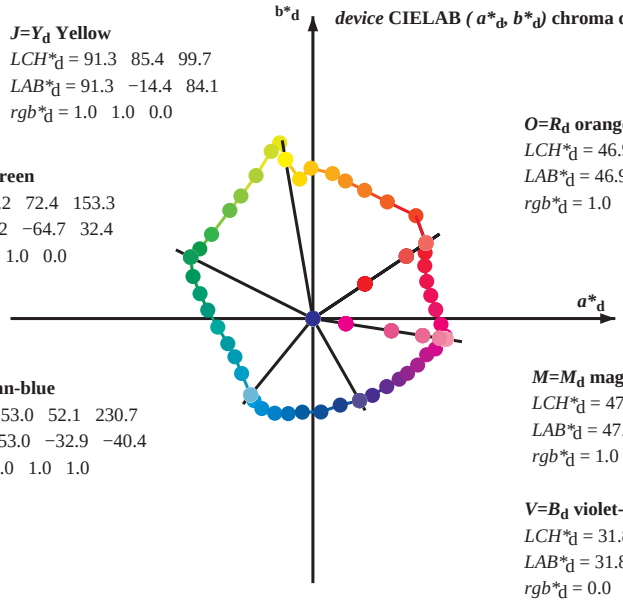
TUB-test chart RE63; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

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

1−103530−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*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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 = 91.3 85.4 99.7
LAB^*_d = 91.3 −14.4 84.1
rgb^*_d = 1.0 1.0 0.0

O=R_d orange-red
LCH^*_d = 46.9 71.9 33.7
LAB^*_d = 46.9 59.8 39.9
rgb^*_d = 1.0 0.0 0.0

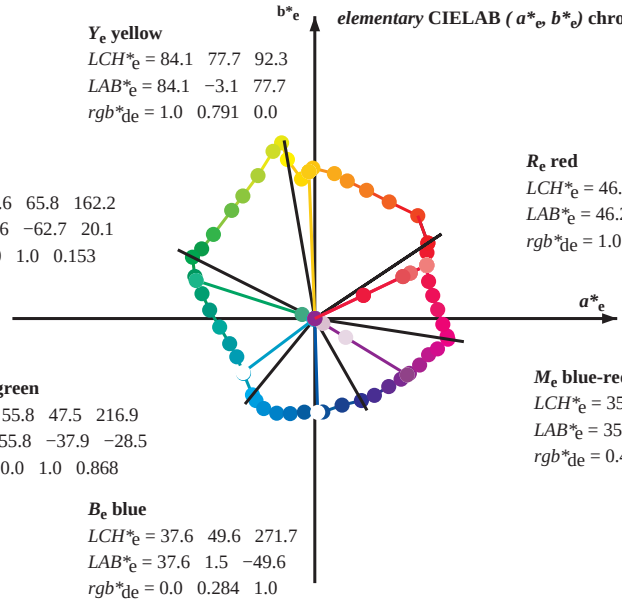
L=G_d leaf-green
LCH^*_d = 55.2 72.4 153.3
LAB^*_d = 55.2 −64.7 32.4
rgb^*_d = 0.0 1.0 0.0

C=C_d cyan-blue
LCH^*_d = 53.0 52.1 230.7
LAB^*_d = 53.0 −32.9 −40.4
rgb^*_d = 0.0 1.0 1.0

M=M_d magenta-red
LCH^*_d = 47.7 71.2 351.1
LAB^*_d = 47.7 70.4 −10.9
rgb^*_d = 1.0 0.0 1.0

V=B_d violet-blue
LCH^*_d = 31.8 49.9 299.6
LAB^*_d = 31.8 24.6 −43.3
rgb^*_d = 0.0 0.0 1.0

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



Y_e yellow
LCH^*_e = 84.1 77.7 92.3
LAB^*_e = 84.1 −3.1 77.7
rgb^*_{de} = 1.0 0.791 0.0

R_e red
LCH^*_e = 46.2 65.6 25.4
LAB^*_e = 46.2 59.2 28.2
rgb^*_{de} = 1.0 0.0 0.244

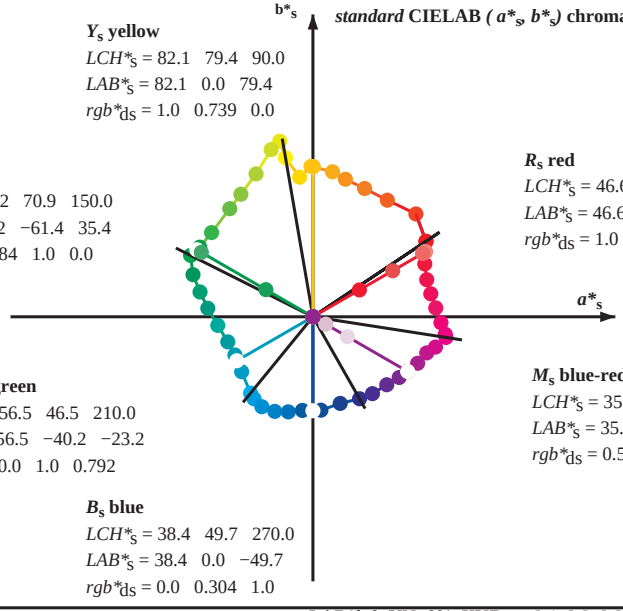
G_e green
LCH^*_e = 54.6 65.8 162.2
LAB^*_e = 54.6 −62.7 20.1
rgb^*_{de} = 0.0 1.0 0.153

C_e blue-green
LCH^*_e = 55.8 47.5 216.9
LAB^*_e = 55.8 −37.9 −28.5
rgb^*_{de} = 0.0 1.0 0.868

M_e blue-red
LCH^*_e = 35.3 57.2 328.6
LAB^*_e = 35.3 48.9 −29.8
rgb^*_{de} = 0.467 0.0 1.0

B_e blue
LCH^*_e = 37.6 49.6 271.7
LAB^*_e = 37.6 1.5 −49.6
rgb^*_{de} = 0.0 0.284 1.0

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



Y_s yellow
LCH^*_s = 82.1 79.4 90.0
LAB^*_s = 82.1 0.0 79.4
rgb^*_{ds} = 1.0 0.739 0.0

R_s red
LCH^*_s = 46.6 68.5 30.0
LAB^*_s = 46.6 59.3 34.2
rgb^*_{ds} = 1.0 0.0 0.135

G_s green
LCH^*_s = 57.2 70.9 150.0
LAB^*_s = 57.2 −61.4 35.4
rgb^*_{ds} = 0.084 1.0 0.0

C_s blue-green
LCH^*_s = 56.5 46.5 210.0
LAB^*_s = 56.5 −40.2 −23.2
rgb^*_{ds} = 0.0 1.0 0.792

M_s blue-red
LCH^*_s = 35.9 57.8 330.0
LAB^*_s = 35.9 50.1 −28.9
rgb^*_{ds} = 0.501 0.0 1.0

B_s blue
LCH^*_s = 38.4 49.7 270.0
LAB^*_s = 38.4 0.0 −49.7
rgb^*_{ds} = 0.0 0.304 1.0

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

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

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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**$_{de}$
33.7	30.0	25.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	47.0	59.8	39.9	71.9	33	1.0	0.0	0.136	46.6	59.4	34.3	68.6	30	1.0	0.0	0.245	46.3	59.2	28.2	65.6	25			
44.9	37.5	33.8	1.0	0.125	0.0	52.8	54.4	54.4	77.0	44.9	1.0	0.117	0.0	52.5	55.0	53.5	76.7	44	1.0	0.036	0.0	48.7	58.6	44.2	73.4	37	1.0	0.0	0.017	46.9	59.8	39.2	71.5	33			
57.4	45.0	42.1	1.0	0.25	0.0	60.3	39.3	61.7	73.2	57.4	1.0	0.25	0.0	60.4	39.4	61.7	73.2	57	1.0	0.125	0.0	52.9	54.5	54.5	77.0	45	1.0	0.094	0.0	51.4	56.1	50.9	75.8	42			
68.0	52.5	50.5	1.0	0.375	0.0	66.7	27.3	67.8	73.1	68.0	1.0	0.367	0.0	66.3	28.2	67.5	73.2	67	1.0	0.195	0.0	57.1	46.1	59.0	74.9	52	1.0	0.175	0.0	55.9	48.5	57.8	75.5	49			
76.7	60.0	58.8	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7	1.0	0.5	0.0	72.2	17.2	72.8	74.8	76	1.0	0.28	0.0	61.9	36.6	63.4	73.2	60	1.0	0.267	0.0	61.2	37.8	62.7	73.2	58			
82.3	67.5	67.2	1.0	0.625	0.0	76.0	10.3	76.7	77.4	82.3	1.0	0.617	0.0	75.8	10.8	76.5	77.2	81	1.0	0.363	0.0	66.1	28.6	67.4	73.2	67	1.0	0.359	0.0	65.9	29.0	67.2	73.2	66			
90.7	75.0	75.6	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	90.7	1.0	0.75	0.0	82.8	−0.9	79.6	79.6	−269	1.0	0.475	0.0	71.1	19.3	71.9	74.5	75	1.0	0.484	0.0	71.5	18.5	72.2	74.6	75			
95.4	82.5	83.9	1.0	0.875	0.0	86.9	−7.0	73.8	74.1	95.4	1.0	0.867	0.0	86.7	−6.6	74.2	74.5	95	1.0	0.618	0.0	75.8	10.8	76.5	77.3	82	1.0	0.641	0.0	76.9	8.9	77.2	77.7	83			
99.7	90.0	92.3	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	1.0	1.0	0.0	91.3	−14.4	84.2	85.4	99	1.0	0.739	0.0	82.2	0.0	79.4	79.4	90	1.0	0.792	0.0	84.2	−3.0	77.7	77.8	92			
100.7	97.5	101.0	0.875	1.0	0.0	92.9	−17.5	92.9	94.5	100.7	0.883	1.0	0.0	92.9	−17.3	92.4	94.0	100	1.0	0.92	0.0	88.5	−9.4	77.6	78.2	97	0.907	1.0	0.0	92.6	−16.7	90.7	92.2	100			
104.0	105.0	109.7	0.75	1.0	0.0	89.2	−22.0	88.4	91.1	104.0	0.75	1.0	0.0	89.3	−22.0	88.5	91.2	104	0.734	1.0	0.0	88.3	−23.2	86.9	89.9	105	0.656	1.0	0.0	83.3	−28.3	78.9	83.8	109			
111.6	112.5	118.5	0.625	1.0	0.0	81.2	−30.0	75.6	81.4	111.6	0.633	1.0	0.0	81.8	−29.5	76.5	82.1	111	0.62	1.0	0.0	81.0	−30.3	75.3	81.2	112	0.535	1.0	0.0	76.1	−36.0	68.0	77.0	117			
120.4	120.0	127.2	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4	0.5	1.0	0.0	74.0	−38.0	64.9	75.2	120	0.506	1.0	0.0	74.3	−37.7	65.4	75.5	120	0.38	1.0	0.0	69.6	−43.7	57.5	72.3	127			
127.5	127.5	136.0	0.375	1.0	0.0	69.3	−44.0	57.2	72.1	127.5	0.383	1.0	0.0	69.7	−43.5	57.7	72.4	127	0.385	1.0	0.0	69.7	−43.5	57.8	72.4	127	0.298	1.0	0.0	64.9	−50.2	49.6	70.7	135			
140.2	135.0	144.7	0.25	1.0	0.0	62.2	−53.6	44.5	69.7	140.2	0.25	1.0	0.0	62.2	−53.5	44.6	69.7	140	0.302	1.0	0.0	65.2	−49.9	50.0	70.7	135	0.181	1.0	0.0	60.0	−57.1	40.4	70.0	144			
148.3	142.5	153.4	0.125	1.0	0.0	58.1	−59.8	36.8	70.3	148.3	0.133	1.0	0.0	58.4	−59.4	37.4	70.3	147	0.223	1.0	0.0	61.4	−54.9	43.0	69.8	142	0.011	1.0	0.0	55.5	−64.2	32.9	72.2	152			
153.3	150.0	162.2	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	1.0	0.0	55.3	−64.6	32.5	72.4	153	0.084	1.0	0.0	57.2	−61.4	35.5	71.0	150	0.0	1.0	0.153	54.7	−62.6	20.1	65.9	162			
160.6	157.5	169.0	0.0	1.0	0.125	54.5	−63.4	22.2	67.2	160.6	0.0	1.0	0.117	54.6	−63.5	22.9	67.6	160	0.0	1.0	0.062	54.9	−64.2	27.3	69.9	157	0.0	1.0	0.267	55.1	−59.2	11.9	60.4	168			
167.5	165.0	175.9	0.0	1.0	0.25	54.9	−59.7	13.1	61.1	167.5	0.0	1.0	0.25	55.0	−59.6	13.1	61.1	167	0.0	1.0	0.203	54.8	−61.2	16.4	63.4	165	0.0	1.0	0.382	55.6	−55.3	4.0	55.5	175			
175.3	172.5	182.7	0.0	1.0	0.375	55.5	−55.6	4.5	55.8	175.3	0.0	1.0	0.367	55.5	−55.8	5.0	56.2	174	0.0	1.0	0.321	55.3	−57.5	8.1	58.1	172	0.0	1.0	0.463	56.3	−51.9	−2.0	52.1	182			
185.1	180.0	189.6	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1	0.0	1.0	0.5	56.6	−50.2	−4.4	50.5	185	0.0	1.0	0.434	56.0	−53.2	0.0	53.3	180	0.0	1.0	0.549	56.8	−48.3	−8.1	49.1	189			
196.4	187.5	196.4	0.0	1.0	0.625	57.0	−45.0	−13.2	46.9	196.4	0.0	1.0	0.617	57.1	−45.3	−12.7	47.2	195	0.0	1.0	0.52	56.7	−49.5	−6.0	50.0	187	0.0	1.0	0.62	57.1	−45.2	−12.9	47.1	195			
206.0	195.0	203.2	0.0	1.0	0.75	56.9	−41.2	−20.2	45.9	206.0	0.0	1.0	0.75	56.9	−41.2	−20.1	46.0	206	0.0	1.0	0.609	57.0	−45.7	−12.2	47.4	195	0.0	1.0	0.714	57.0	−42.4	−18.2	46.3	203			
217.5	202.5	210.1	0.0	1.0	0.875	55.8	−37.7	−29.0	47.6	217.5	0.0	1.0	0.867	55.9	−37.9	−28.4	47.5	216	0.0	1.0	0.697	57.0	−42.9	−17.3	46.4	202	0.0	1.0	0.789	56.6	−40.3	−22.9	46.5	209			
230.7	210.0	216.9	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	0.0	1.0	1.0	53.0	−32.9	−40.3	52.2	230	0.0	1.0	0.792	56.6	−40.2	−23.2	46.5	210	0.0	1.0	0.868	55.9	−37.9	−28.5	47.5	216			
234.3	217.5	223.8	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3	0.0	0.883	1.0	52.6	−31.2	−43.1	53.3	234	0.0	1.0	0.869	55.9	−37.9	−28.5	47.5	217	0.0	1.0	0.93	54.6	−36.0	−34.0	49.6	223			
240.4	225.0	230.6	0.0	0.75	1.0	52.6	−27.0	−47.6	54.7	240.4	0.0	0.75	1.0	52.7	−26.9	−47.5	54.7	240	0.0	1.0	0.945	54.3	−35.4	−35.4	50.2	225	0.0	1.0	0.999	53.1	−32.9	−40.2	52.1	230			
248.0	232.5	237.5	0.0	0.625	1.0	50.0	−20.1	−50.0	53.9	248.0	0.0	0.633	1.0	50.2	−20.5	−49.8	54.0	247	0.0	0.957	1.0	52.9	−32.3	−41.3	52.6	232	0.0	0.819	1.0	52.6	−29.3	−45.2	54.0	237			
255.4	240.0	244.3	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4	0.0	0.5	1.0	45.7	−12.9	−50.2	52.0	255	0.0	0.759	1.0	52.7	−27.2	−47.2	54.7	240	0.0	0.686	1.0	51.3	−23.4	−48.9	54.4	244			
263.5	247.5	251.2	0.0	0.375	1.0	41.6	−5.5	−49.5	49.8	263.5	0.0	0.383	1.0	42.0	−6.0	−49.5	50.0	263	0.0	0.642	1.0	50.4	−21.0	−49.7	54.1	247	0.0	0.58	1.0	48.4	−17.5	−50.2	53.3	250			
274.9	255.0	258.0	0.0	0.25	1.0	36.0	4.2	−49.4	49.6	274.9	0.0	0.25	1.0	36.0	4.2	−49.3	49.6	274	0.0	0.508	1.0	46.0	−13.4	−50.2	52.1	255	0.0	0.46	1.0	44.4	−10.5	−50.1	51.3	258			
287.4	262.5	264.8	0.0	0.125	1.0	34.6	14.4	−45.8	48.0	287.4	0.0	0.133	1.0	34.7	13.8	−46.0	48.1	286	0.0	0.399	1.0	42.5	−6.9	−49.7	50.3	262	0.0	0.366	1.0	41.3	−4.7	−49.5	49.8	264			
299.6	270.0	271.7	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	0.0	0.0	1.0	31.8	24.7	−43.3	49.9	299	0.0	0.304	1.0	38.5	0.0	−49.6	49.7	270	0.0	0.285	1.0	37.6	1.5	−49.6	49.7	271			
307.7	277.5	278.8	0.125	0.0	1.0	31.2	31.5	−40.6	51.4	307.7	0.117	0.0	1.0	31.3	31.1	−40.8	51.3	307	0.0	0.229	1.0	35.8	6.0	−48.9	49.4	277	0.0	0.216	1.0	35.6	7.2	−48.6	49.2	278			
317.3	285.0	285.9	0.25	0.0	1.0	31.2	39.0	−35.9	53.1	317.3	0.25	0.0	1.0	31.3	39.1	−35.9	53.1	317	0.0	0.15	1.0	34.9	12.5	−46.6	48.4	285	0.0	0.14	1.0	34.8	13.3	−46.3	48.2	285			
324.8	292.5	293.0	0.375	0.0	1.0	33.4	45.6	−32.1	55.7	324.8	0.367	0.0	1.0	33.3	45.2	−32.3	55.6	324	0.0	0.078	1.0	33.6	18.3	−45.1	48.7	292	0.0	0.072	1.0	33.4	18.8	−45.0	48.8	292			
329.9	300.0	300.1	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9	0.5	0.0	1.0	36.0	50.0	−28.9	57.8	329	0.006	0.0	1.0	31.8	25.0	−43.2	50.0	300	0.009	0.0	1.0	31.8	25.1	−43.1	50.0	300			
336.0	307.5	307.2	0.625	0.0	1.0	38.7	55.4	−24.5	60.6	336.0	0.617	0.0	1.0	38.6	55.1	−24.8	60.5	335	0.113	0.0	1.0	31.3	30.9	−40.9	51.3	307	0.11	0.0	1.0	31.3	30.7	−40.9	51.3	306			
342.3	315.0	314.3	0.75	0.0	1.0	41.7	60.2	−19.1	63.1	342.3	0.75	0.0	1.0	41.8	60.2	−19.0	63.2	342	0.219	0.0	1.0	31.3	37.3	−37.2	52.7	315	0.211	0.0	1.0	31.3	36.8	−37.5	52.6	314			
346.1	322.5	321.4	0.875	0.0	1.0	44.4	64.8	−16.0	66.8	346.1	0.867	0.0	1.0	44.3	64.6	−16.2	66.6	345	0.327	0.0	1.0	32.6	43.2	−33.6	54.8	322	0.311	0.0	1.0	32.3	42.3	−34.1	54.4	321			
351.1	330.0	328.6	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	1.0	0.0	1.0	47.7	70.4	−10.8	71.2	351	0.502	0.0	1.0	36.0	50.1	−28.8	57.9	330	0.468	0.0	1.0	35.3	48.9	−29.7	57.3	328			
352.4	337.5	335.7	1.0	0.0	0.875	47.1	70.0	−9.2	70.6	352.4	1.0	0.0	0.883	47.2	70.0	−9.3	70.7	352	0.643	0.0	1.0	39.2	56.2	−23.7	61.0	337	0.608	0.0	1.0	38.4	54.7	−25.1	60.3	335			
357.3	345.0	342.8	1.0	0.0	0.75	46.2	67.7	−3.0	67.7	357.3	1.0	0.0	0.75	46.2	67.7	−3.0	67.8	357	0.838	0.0	1.0	43.7	63.5	−16.9	65.7	345	0.765	0.0	1.0	42.1	60.8	−18.7	63.6	342			
364.1	352.5	349.9	1.0	0.0	0.625	46.2	65.0	4.7	65.1	364.1	1.0	0.0	0.633	46.3	65.2	4.2	65.3	363	1.0	0.0	0.92	47.4	70.2	−9.8	70.9	352	0.958	0.0	1.0	46.6	68.6	−12.7	69.7	349			
371.0	360.0	357.0	1.0	0.0	0.5	45.8	62.3	12.1	63.5	371.0	1.0	0.0	0.5	45.9	62.4	12.2	63.5	371	1.0	0.0	0.702	46.2	66.8	0.0	66.8	360	1.0	0.0	0.914	47.4	70.1	−9.7	70.8	352			
378.0	367.5	364.1	1.0	0.0	0.375	45.9	60.1	19.6	63.3	378.0	1.0	0.0	0.383	46.0	60.4	19.1	63.3	377	1.0	0.0	0.573	46.1	64.0	7.9	64.5	367	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359			
385.2	375.0	371.2	1.0	0.0	0.25	46.2	59.2	27.9	65.4	385.2	1.0	0.0	0.25	46.3	59.2	27.9	65.5	385	1.0	0.0	0.429	45.9	61.3	16.4	63.4	375	1.0	0.0	0.541	46.0	63.3	9.8	64.1	368			
390.4	382.5	378.3	1.0	0.0	0.125	46.6	59.3	34.8	68.8	390.4	1.0	0.0	0.133	46.6	59.4	34.4	68.6	390	1.0	0.0	0.307	46.1	59.8	24.2	64.5	382	1.0	0.0	0.402	45.9	60.7	18.1	63.4	376			
393.7	390.0	385.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	393.7	1.0	0.0	0.0	47.0	59.8	39.9	71.9	393	1.0	0.0	0.136	46.6	59.4	34.3	68.6	390	1.0	0.0	0.245	46.3	59.2	28.2	65.6	385			

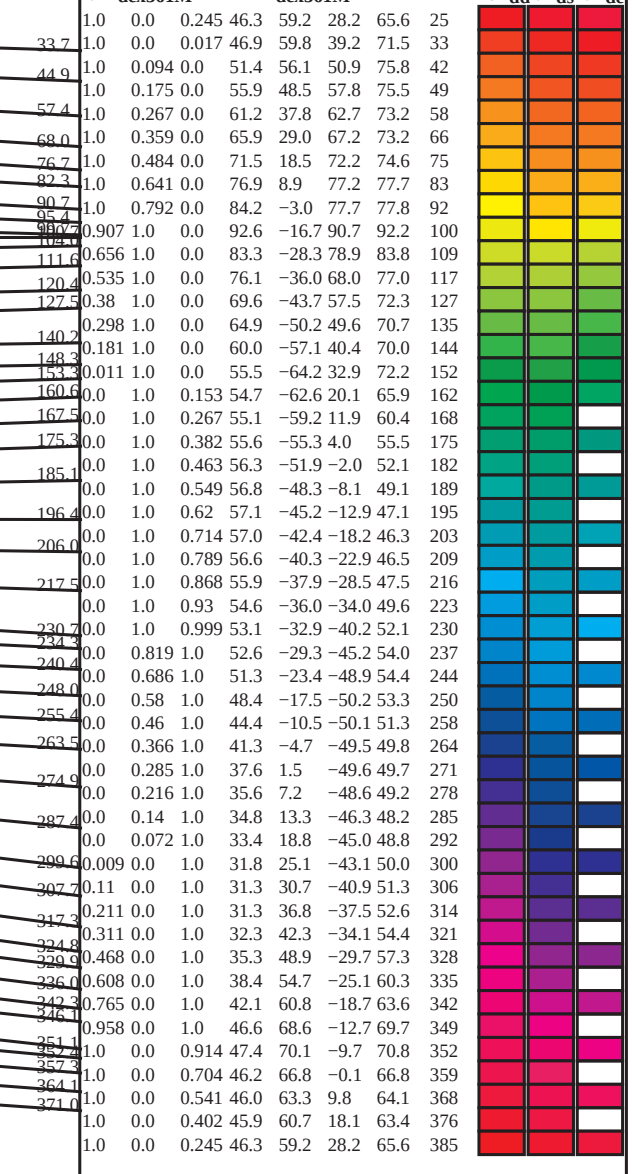
TUB-test chart RE63; 1080 standard colours, *cf*=1
48 step hue circles; *rgb*−*LabCh**tables

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

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*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

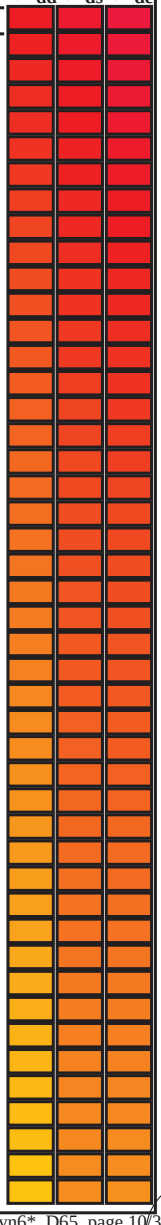
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd64M			*LAB**ddx64M (x=LabCh)				
33.7	30.0	25.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
44.9	37.5	33.8	1.0	0.125	0.0	52.8	54.4	54.4	77.0	44.9
57.4	45.0	42.1	1.0	0.25	0.0	60.3	39.3	61.7	73.2	57.4
68.0	52.5	50.5	1.0	0.375	0.0	66.7	27.3	67.8	73.1	68.0
76.7	60.0	58.8	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
82.3	67.5	67.2	1.0	0.625	0.0	76.0	10.3	76.7	77.4	82.3
90.7	75.0	75.6	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	90.7
95.4	82.5	83.9	1.0	0.875	0.0	86.9	−7.0	73.8	74.1	95.4
99.7	90.0	92.3	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
100.7	97.5	101.0	0.875	1.0	0.0	92.9	−17.5	92.9	94.5	100.7
104.0	105.0	109.7	0.75	1.0	0.0	89.2	−22.0	88.4	91.1	104.0
111.6	112.5	118.5	0.625	1.0	0.0	81.2	−30.0	75.6	81.4	111.6
120.4	120.0	127.2	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
127.5	127.5	136.0	0.375	1.0	0.0	69.3	−44.0	57.2	72.1	127.5
140.2	135.0	144.7	0.25	1.0	0.0	62.2	−53.6	44.5	69.7	140.2
148.3	142.5	153.4	0.125	1.0	0.0	58.1	−59.8	36.8	70.3	148.3
153.3	150.0	162.2	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
160.6	157.5	169.0	0.0	1.0	0.125	54.5	−63.4	22.2	67.2	160.6
167.5	165.0	175.9	0.0	1.0	0.25	54.9	−59.7	13.1	61.1	167.5
175.3	172.5	182.7	0.0	1.0	0.375	55.5	−55.6	4.5	55.8	175.3
185.1	180.0	189.6	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
196.4	187.5	196.4	0.0	1.0	0.625	57.0	−45.0	−13.2	46.9	196.4
206.0	195.0	203.2	0.0	1.0	0.75	56.9	−41.2	−20.2	45.9	206.0
217.5	202.5	210.1	0.0	1.0	0.875	55.8	−37.7	−29.0	47.6	217.5
230.7	210.0	216.9	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
234.3	217.5	223.8	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
240.4	225.0	230.6	0.0	0.75	1.0	52.6	−27.0	−47.6	54.7	240.4
248.0	232.5	237.5	0.0	0.625	1.0	50.0	−20.1	−50.0	53.9	248.0
255.4	240.0	244.3	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
263.5	247.5	251.2	0.0	0.375	1.0	41.6	−5.5	−49.5	49.8	263.5
274.9	255.0	258.0	0.0	0.25	1.0	36.0	4.2	−49.4	49.6	274.9
287.4	262.5	264.8	0.0	0.125	1.0	34.6	14.4	−45.8	48.0	287.4
299.6	270.0	271.7	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
307.7	277.5	278.8	0.125	0.0	1.0	31.2	31.5	−40.6	51.4	307.7
317.3	285.0	285.9	0.25	0.0	1.0	31.2	39.0	−35.9	53.1	317.3
324.8	292.5	293.0	0.375	0.0	1.0	33.4	45.6	−32.1	55.7	324.8
329.9	300.0	300.1	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
336.0	307.5	307.2	0.625	0.0	1.0	38.7	55.4	−24.5	60.6	336.0
342.3	315.0	314.3	0.75	0.0	1.0	41.7	60.2	−19.1	63.1	342.3
346.1	322.5	321.4	0.875	0.0	1.0	44.4	64.8	−16.0	66.8	346.1
351.1	330.0	328.6	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
352.4	337.5	335.7	1.0	0.0	0.875	47.1	70.0	−9.2	70.6	352.4
357.3	345.0	342.8	1.0	0.0	0.75	46.2	67.7	−3.0	67.7	357.3
364.1	352.5	349.9	1.0	0.0	0.625	46.2	65.0	4.7	65.1	364.1
371.0	360.0	357.0	1.0	0.0	0.5	45.8	62.3	12.1	63.5	371.0
378.0	367.5	364.1	1.0	0.0	0.375	45.9	60.1	19.6	63.3	378.0
385.2	375.0	371.2	1.0	0.0	0.25	46.2	59.2	27.9	65.4	385.2
390.4	382.5	378.3	1.0	0.0	0.125	46.6	59.3	34.8	68.8	390.4
393.7	390.0	385.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	393.7

	*rgb**dex361M			*LAB**dex361M				
33.7	1.0	0.0	0.245	46.3	59.2	28.2	65.6	25
44.9	1.0	0.0	0.017	46.9	59.8	39.2	71.5	33
57.4	1.0	0.094	0.0	51.4	56.1	50.9	75.8	42
68.0	1.0	0.175	0.0	55.9	48.5	57.8	75.5	49
76.7	1.0	0.267	0.0	61.2	37.8	62.7	73.2	58
82.3	1.0	0.359	0.0	65.9	29.0	67.2	73.2	66
90.7	1.0	0.484	0.0	71.5	18.5	72.2	74.6	75
95.4	1.0	0.641	0.0	76.9	8.9	77.2	77.7	83
99.7	1.0	0.792	0.0	84.2	−3.0	77.7	77.8	92
100.7	0.907	1.0	0.0	92.6	−16.7	90.7	92.2	100
104.0	0.656	1.0	0.0	83.3	−28.3	78.9	83.8	109
111.6	0.535	1.0	0.0	76.1	−36.0	68.0	77.0	117
120.4	0.38	1.0	0.0	69.6	−43.7	57.5	72.3	127
127.5	0.298	1.0	0.0	64.9	−50.2	49.6	70.7	135
140.2	0.181	1.0	0.0	60.0	−57.1	40.4	70.0	144
148.3	0.011	1.0	0.0	55.5	−64.2	32.9	72.2	152
153.3	0.0	1.0	0.153	54.7	−62.6	20.1	65.9	162
160.6	0.0	1.0	0.267	55.1	−59.2	11.9	60.4	168
167.5	0.0	1.0	0.382	55.6	−55.3	4.0	55.5	175
175.3	0.0	1.0	0.463	56.3	−51.9	−2.0	52.1	182
185.1	0.0	1.0	0.549	56.8	−48.3	−8.1	49.1	189
196.4	0.0	1.0	0.62	57.1	−45.2	−12.9	47.1	195
206.0	0.0	1.0	0.714	57.0	−42.4	−18.2	46.3	203
217.5	0.0	1.0	0.789	56.6	−40.3	−22.9	46.5	209
230.7	0.0	1.0	0.868	55.9	−37.9	−28.5	47.5	216
234.3	0.0	1.0	0.93	54.6	−36.0	−34.0	49.6	223
240.4	0.0	1.0	0.999	53.1	−32.9	−40.2	52.1	230
248.0	0.0	0.819	1.0	52.6	−29.3	−45.2	54.0	237
255.4	0.0	0.686	1.0	51.3	−23.4	−48.9	54.4	244
263.5	0.0	0.58	1.0	48.4	−17.5	−50.2	53.3	250
274.9	0.0	0.46	1.0	44.4	−10.5	−50.1	51.3	258
287.4	0.0	0.366	1.0	41.3	−4.7	−49.5	49.8	264
299.6	0.0	0.285	1.0	37.6	1.5	−49.6	49.7	271
307.7	0.0	0.216	1.0	35.6	7.2	−48.6	49.2	278
317.3	0.0	0.14	1.0	34.8	13.3	−46.3	48.2	285
324.8	0.0	0.072	1.0	33.4	18.8	−45.0	48.8	292
329.9	0.009	0.0	1.0	31.8	25.1	−43.1	50.0	300
336.0	0.11	0.0	1.0	31.3	30.7	−40.9	51.3	306
342.3	0.211	0.0	1.0	31.3	36.8	−37.5	52.6	314
346.1	0.311	0.0	1.0	32.3	42.3	−34.1	54.4	321
351.1	0.468	0.0	1.0	35.3	48.9	−29.7	57.3	328
352.4	0.608	0.0	1.0	38.4	54.7	−25.1	60.3	335
357.3	0.765	0.0	1.0	42.1	60.8	−18.7	63.6	342
364.1	0.958	0.0	1.0	46.6	68.6	−12.7	69.7	349
371.0	1.0	0.0	0.914	47.4	70.1	−9.7	70.8	352
	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359
	1.0	0.0	0.541	46.0	63.3	9.8	64.1	368
	1.0	0.0	0.402	45.9	60.7	18.1	63.4	376
	1.0	0.0	0.245	46.3	59.2	28.2	65.6	385



Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

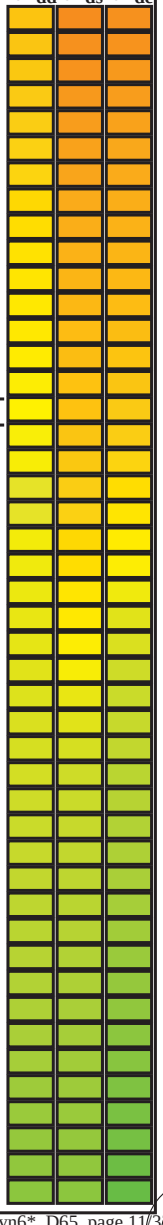
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)						*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
33	30	25	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33	R_d	1.0	0.0	0.136	46.6	59.4	34.3	68.6	30	R_s	1.0	0.0	0.0	1.0	0.0	0.245	46.3	59.2	28.2	65.6	25	R_e	1.0	0.0	0.0				
35	31	26	1.0	0.016	0.0	47.7	59.3	41.8	72.6	35		1.0	0.0	0.104	46.7	59.5	35.7	69.4	31		1.0	0.017	0.0	1.0	0.0	0.218	46.4	59.3	29.7	66.3	26		1.0	0.017	0.0				
36	32	27	1.0	0.033	0.0	48.5	58.7	43.8	73.2	36		1.0	0.0	0.066	46.8	59.6	37.3	70.3	32		1.0	0.033	0.0	1.0	0.0	0.191	46.4	59.4	31.2	67.1	27		1.0	0.033	0.0				
38	33	28	1.0	0.05	0.0	49.3	58.1	45.7	73.9	38		1.0	0.0	0.028	46.9	59.8	38.8	71.2	33		1.0	0.05	0.0	1.0	0.0	0.164	46.5	59.4	32.7	67.8	28		1.0	0.05	0.0				
39	34	29	1.0	0.066	0.0	50.1	57.4	47.7	74.6	39		1.0	0.003	0.0	47.1	59.7	40.3	72.1	34		1.0	0.067	0.0	1.0	0.0	0.137	46.6	59.4	34.2	68.5	29		1.0	0.067	0.0				
41	35	31	1.0	0.083	0.0	50.9	56.6	49.6	75.3	41		1.0	0.014	0.0	47.7	59.4	41.6	72.5	35		1.0	0.083	0.0	1.0	0.0	0.102	46.7	59.5	35.8	69.4	31		1.0	0.083	0.0				
42	36	32	1.0	0.1	0.0	51.7	55.8	51.5	75.9	42		1.0	0.025	0.0	48.2	59.0	42.9	73.0	36		1.0	0.1	0.0	1.0	0.0	0.06	46.8	59.7	37.5	70.5	32		1.0	0.1	0.0				
44	37	33	1.0	0.116	0.0	52.4	54.9	53.4	76.6	44		1.0	0.036	0.0	48.7	58.6	44.2	73.4	37		1.0	0.117	0.0	1.0	0.0	0.017	46.9	59.8	39.2	71.5	33		1.0	0.117	0.0				
45	38	34	1.0	0.133	0.0	53.3	53.5	55.0	76.7	45		1.0	0.047	0.0	49.2	58.2	45.5	73.9	38		1.0	0.133	0.0	1.0	0.007	0.0	47.3	59.6	40.8	72.2	34		1.0	0.133	0.0				
47	39	35	1.0	0.15	0.0	54.3	51.5	56.1	76.2	47		1.0	0.059	0.0	49.8	57.8	46.8	74.3	39		1.0	0.15	0.0	1.0	0.02	0.0	47.9	59.2	42.2	72.7	35		1.0	0.15	0.0				
49	40	36	1.0	0.166	0.0	55.3	49.5	57.2	75.7	49		1.0	0.07	0.0	50.3	57.3	48.1	74.8	40		1.0	0.167	0.0	1.0	0.032	0.0	48.5	58.8	43.7	73.2	36		1.0	0.167	0.0				
50	41	37	1.0	0.183	0.0	56.3	47.5	58.3	75.2	50		1.0	0.081	0.0	50.8	56.8	49.3	75.2	41		1.0	0.183	0.0	1.0	0.044	0.0	49.1	58.3	45.1	73.7	37		1.0	0.183	0.0				
52	42	38	1.0	0.2	0.0	57.3	45.5	59.2	74.7	52		1.0	0.092	0.0	51.3	56.2	50.6	75.7	42		1.0	0.2	0.0	1.0	0.057	0.0	49.7	57.8	46.6	74.2	38		1.0	0.2	0.0				
54	43	39	1.0	0.216	0.0	58.3	43.4	60.1	74.2	54		1.0	0.103	0.0	51.8	55.7	51.9	76.1	43		1.0	0.217	0.0	1.0	0.069	0.0	50.3	57.3	48.0	74.7	39		1.0	0.217	0.0				
55	44	41	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55		1.0	0.114	0.0	52.4	55.1	53.2	76.6	44		1.0	0.233	0.0	1.0	0.082	0.0	50.8	56.7	49.4	75.3	41		1.0	0.233	0.0				
57	45	42	1.0	0.25	0.0	60.3	39.3	61.7	73.2	57		1.0	0.125	0.0	52.9	54.5	54.5	77.0	45		1.0	0.25	0.0	1.0	0.094	0.0	51.4	56.1	50.9	75.8	42		1.0	0.25	0.0				
58	46	43	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58		1.0	0.135	0.0	53.5	53.3	55.2	76.7	46		1.0	0.267	0.0	1.0	0.106	0.0	52.0	55.5	52.3	76.3	43		1.0	0.267	0.0				
60	47	44	1.0	0.283	0.0	62.0	36.2	63.5	73.1	60		1.0	0.145	0.0	54.1	52.1	55.9	76.4	47		1.0	0.283	0.0	1.0	0.119	0.0	52.6	54.8	53.7	76.8	44		1.0	0.283	0.0				
61	48	45	1.0	0.3	0.0	62.8	34.7	64.4	73.1	61		1.0	0.155	0.0	54.7	50.9	56.5	76.1	48		1.0	0.3	0.0	1.0	0.131	0.0	53.2	53.8	54.8	76.8	45		1.0	0.3	0.0				
63	49	46	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63		1.0	0.165	0.0	55.3	49.7	57.2	75.8	49		1.0	0.317	0.0	1.0	0.142	0.0	53.9	52.5	55.6	76.5	46		1.0	0.317	0.0				
64	50	47	1.0	0.333	0.0	64.5	31.4	66.0	73.1	64		1.0	0.175	0.0	55.9	48.5	57.8	75.5	50		1.0	0.333	0.0	1.0	0.153	0.0	54.5	51.2	56.4	76.2	47		1.0	0.333	0.0				
65	51	48	1.0	0.35	0.0	65.4	29.8	66.8	73.1	65		1.0	0.185	0.0	56.5	47.3	58.4	75.2	51		1.0	0.35	0.0	1.0	0.164	0.0	55.2	49.9	57.1	75.8	48		1.0	0.35	0.0				
67	52	49	1.0	0.366	0.0	66.2	28.2	67.5	73.1	67		1.0	0.195	0.0	57.1	46.1	59.0	74.9	52		1.0	0.367	0.0	1.0	0.175	0.0	55.9	48.5	57.8	75.5	49		1.0	0.367	0.0				
68	53	51	1.0	0.383	0.0	67.0	26.7	68.2	73.2	68		1.0	0.205	0.0	57.7	44.9	59.6	74.6	53		1.0	0.383	0.0	1.0	0.186	0.0	56.5	47.2	58.5	75.1	51		1.0	0.383	0.0				
69	54	52	1.0	0.4	0.0	67.8	25.4	68.9	73.4	69		1.0	0.215	0.0	58.3	43.7	60.1	74.3	54		1.0	0.4	0.0	1.0	0.197	0.0	57.2	45.8	59.1	74.8	52		1.0	0.4	0.0				
70	55	53	1.0	0.416	0.0	68.5	24.0	69.6	73.7	70		1.0	0.225	0.0	58.9	42.4	60.6	74.0	55		1.0	0.417	0.0	1.0	0.209	0.0	57.9	44.5	59.7	74.5	53		1.0	0.417	0.0				
72	56	54	1.0	0.433	0.0	69.2	22.7	70.3	73.9	72		1.0	0.235	0.0	59.5	41.2	61.1	73.7	56		1.0	0.433	0.0	1.0	0.22	0.0	58.5	43.1	60.3	74.1	54		1.0	0.433	0.0				
73	57	55	1.0	0.45	0.0	70.0	21.3	71.0	74.1	73		1.0	0.245	0.0	60.1	39.9	61.5	73.3	57		1.0	0.45	0.0	1.0	0.231	0.0	59.2	41.7	60.9	73.8	55		1.0	0.45	0.0				
74	58	56	1.0	0.466	0.0	70.7	19.9	71.6	74.3	74		1.0	0.256	0.0	60.7	38.8	62.1	73.2	58		1.0	0.467	0.0	1.0	0.242	0.0	59.9	40.4	61.4	73.4	56		1.0	0.467	0.0				
75	59	57	1.0	0.483	0.0	71.4	18.5	72.2	74.5	75		1.0	0.268	0.0	61.3	37.7	62.7	73.2	59		1.0	0.483	0.0	1.0	0.254	0.0	60.5	39.0	61.9	73.2	57		1.0	0.483	0.0				
76	60	58	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76		1.0	0.28	0.0	61.9	36.6	63.4	73.2	60		1.0	0.5	0.0	1.0	0.267	0.0	61.2	37.8	62.7	73.2	58		1.0	0.5	0.0				
77	61	60	1.0	0.516	0.0	72.7	16.3	73.3	75.1	77		1.0	0.292	0.0	62.5	35.5	64.0	73.2	61		1.0	0.517	0.0	1.0	0.28	0.0	61.9	36.6	63.4	73.2	60		1.0	0.517	0.0				
78	62	61	1.0	0.533	0.0	73.2	15.4	73.9	75.4	78		1.0	0.304	0.0	63.1	34.4	64.6	73.2	62		1.0	0.533	0.0	1.0	0.293	0.0	62.6	35.3	64.1	73.2	61		1.0	0.533	0.0				
78	63	62	1.0	0.55	0.0	73.7	14.5	74.4	75.8	78		1.0	0.315	0.0	63.7	33.2	65.2	73.2	63		1.0	0.55	0.0	1.0	0.306	0.0	63.2	34.1	64.8	73.2	62		1.0	0.55	0.0				
79	64	63	1.0	0.566	0.0	74.2	13.6	74.9	76.1	79		1.0	0.327	0.0	64.3	32.1	65.8	73.2	64		1.0	0.567	0.0	1.0	0.32	0.0	63.9	32.8	65.4	73.2	63		1.0	0.567	0.0				
80	65	64	1.0	0.583	0.0	74.7	12.7	75.4	76.5	80		1.0	0.339	0.0	64.9	30.9	66.3	73.2	65		1.0	0.583	0.0	1.0	0.333	0.0	64.6	31.5	66.0	73.2	64		1.0	0.583	0.0				
81	66	65	1.0	0.6	0.0	75.2	11.7	75.9	76.8	81		1.0	0.351	0.0	65.5	29.8	66.9	73.2	66		1.0	0.6	0.0	1.0	0.346	0.0	65.2	30.3	66.6	73.2	65		1.0	0.6	0.0				
81	67	66	1.0	0.616	0.0	75.7	10.8	76.4	77.2	81		1.0	0.363	0.0	66.1	28.6	67.4	73.2	67		1.0	0.617	0.0	1.0	0.359	0.0	65.9	29.0	67.2	73.2	66		1.0	0.617	0.0				
82	68	67	1.0	0.633	0.0	76.4	9.6	76.9	77.5	82		1.0	0.375	0.0	66.7	27.4	67.8	73.2	68		1.0	0.633	0.0	1.0	0.372	0.0	66.6	27.6	67.8	73.2	67		1.0	0.633	0.0				
83	69	68	1.0	0.65	0.0	77.3	8.1	77.4	77.8	83		1.0	0.389	0.0	67.3	26.3	68.5	73.4	69		1.0	0.65	0.0	1.0	0.388	0.0	67.3	26.4	68.4	73.3	68		1.0	0.65	0.0				
85	70	70	1.0	0.666	0.0	78.2	6.6	77.8	78.1	85		1.0	0.403	0.0	68.0	25.2	69.1	73.5	70		1.0	0.667	0.0	1.0	0.404	0.0	68.0	25.1	69.1	73.5	70		1.0	0.667	0.0				
86	71	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86		1.0	0.418	0.0	68.6	24.0	69.7	73.7	71		1.0	0.683	0.0	1.0	0.42	0.0	68.7	23.8	69.8	73.8	71		1.0	0.683	0.0				
87	72	72	1.0	0.7	0.0	80.0	3.6	78.6	78.7	87		1.0	0.432	0.0	69.2	22.8	70.3	73.9	72		1.0	0.7	0.0	1.0	0.436	0.0	69.4	22.5	70.4	74.0	72		1.0	0.7	0.0				
88	73	73	1.0	0.716	0.0	80.9	2.0	78.9	79.0	88		1.0	0.446	0.0	69.9	21.7	70.9	74.1	73		1.0	0.717	0.0	1.0	0.452	0.0	70.1	21.2	71.1	74.2	73		1.0	0.717	0.0				
89	74	74	1.0	0.733	0.0	81.8	0.5	79.3	79.3	89		1.0	0.461	0.0	70.5	20.5	71.4	74.3	74		1.0	0.733	0.0	1.0	0.468	0.0	70.8	19.9	71.7	74.4	74		1.0	0.733	0.0				
−269	75	75	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	−269	R_d	1.0	0.475	0.0	71.1	19.3	71.9	74.5	75		1.0	0.75	0.0	1.0	0.484	0.0	71.5	18.5	72.2	74.6	75		1.0	0.75	0.0				



RE630−72 1−103930−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 10/33

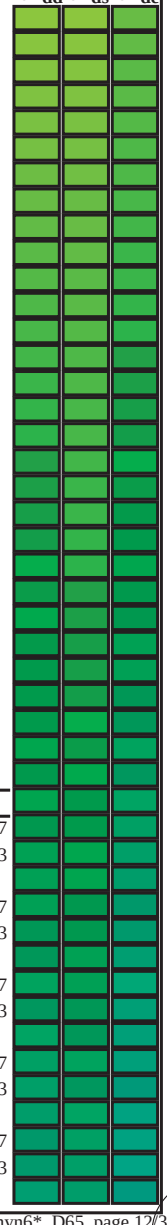
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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
−269	75	75	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	−269 R_d	1.0	0.475	0.0	71.1	19.3	71.9	74.5	75	1.0	0.75	0.0	1.0	0.484	0.0	71.5	18.5	72.2	74.6	75	1.0	0.75	0.0			
91	76	76	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91	1.0	0.49	0.0	71.7	18.1	72.4	74.7	76	1.0	0.767	0.0	1.0	0.5	0.0	72.2	17.2	72.8	74.8	76	1.0	0.767	0.0			
91	77	77	1.0	0.783	0.0	83.8	−2.7	78.1	78.1	91	1.0	0.506	0.0	72.4	16.9	73.0	74.9	77	1.0	0.783	0.0	1.0	0.525	0.0	73.0	15.9	73.6	75.3	77	1.0	0.783	0.0			
92	78	78	1.0	0.8	0.0	84.4	−3.5	77.3	77.4	92	1.0	0.529	0.0	73.1	15.7	73.7	75.4	78	1.0	0.8	0.0	1.0	0.55	0.0	73.7	14.5	74.4	75.8	78	1.0	0.8	0.0			
93	79	80	1.0	0.816	0.0	84.9	−4.3	76.5	76.7	93	1.0	0.551	0.0	73.8	14.5	74.5	75.9	79	1.0	0.817	0.0	1.0	0.575	0.0	74.5	13.2	75.2	76.4	80	1.0	0.817	0.0			
93	80	81	1.0	0.833	0.0	85.5	−5.1	75.8	75.9	93	1.0	0.573	0.0	74.5	13.3	75.2	76.3	80	1.0	0.833	0.0	1.0	0.6	0.0	75.3	11.8	76.0	76.9	81	1.0	0.833	0.0			
94	81	82	1.0	0.85	0.0	86.1	−5.9	75.0	75.2	94	1.0	0.596	0.0	75.2	12.0	75.9	76.8	81	1.0	0.85	0.0	1.0	0.625	0.0	76.0	10.4	76.7	77.4	82	1.0	0.85	0.0			
95	82	83	1.0	0.866	0.0	86.6	−6.6	74.2	74.5	95	1.0	0.618	0.0	75.8	10.8	76.5	77.3	82	1.0	0.867	0.0	1.0	0.641	0.0	76.9	8.9	77.2	77.7	83	1.0	0.867	0.0			
95	83	84	1.0	0.883	0.0	87.2	−7.4	74.5	74.9	95	1.0	0.635	0.0	76.6	9.5	77.0	77.6	83	1.0	0.883	0.0	1.0	0.658	0.0	77.8	7.5	77.6	78.0	84	1.0	0.883	0.0			
96	84	85	1.0	0.9	0.0	87.8	−8.4	75.9	76.4	96	1.0	0.65	0.0	77.4	8.1	77.4	77.9	84	1.0	0.9	0.0	1.0	0.674	0.0	78.7	6.0	78.1	78.3	85	1.0	0.9	0.0			
96	85	86	1.0	0.916	0.0	88.4	−9.3	77.3	77.9	96	1.0	0.665	0.0	78.2	6.8	77.8	78.1	85	1.0	0.917	0.0	1.0	0.691	0.0	79.6	4.5	78.4	78.6	86	1.0	0.917	0.0			
97	86	87	1.0	0.933	0.0	88.9	−10.3	78.7	79.4	97	1.0	0.68	0.0	79.0	5.5	78.2	78.4	86	1.0	0.933	0.0	1.0	0.707	0.0	80.5	2.9	78.8	78.9	87	1.0	0.933	0.0			
98	87	88	1.0	0.95	0.0	89.5	−11.3	80.1	80.9	98	1.0	0.695	0.0	79.8	4.1	78.5	78.6	87	1.0	0.95	0.0	1.0	0.724	0.0	81.4	1.4	79.1	79.1	88	1.0	0.95	0.0			
98	88	90	1.0	0.966	0.0	90.1	−12.3	81.4	82.4	98	1.0	0.709	0.0	80.6	2.8	78.8	78.9	88	1.0	0.967	0.0	1.0	0.74	0.0	82.2	0.0	79.4	79.4	90	1.0	0.967	0.0			
99	89	91	1.0	0.983	0.0	90.7	−13.4	82.8	83.9	99	1.0	0.724	0.0	81.4	1.4	79.1	79.2	89	1.0	0.983	0.0	1.0	0.762	0.0	83.2	−1.6	79.1	79.1	91	1.0	0.983	0.0			
99	90	92	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99 Y_d	1.0	0.739	0.0	82.2	0.0	79.4	79.4	90 Y_s	1.0	1.0	0.0	1.0	0.792	0.0	84.2	−3.0	77.7	77.8	92 Y_e	1.0	1.0	0.0			
99	91	93	0.983	1.0	0.0	91.5	−14.8	85.3	86.6	99	1.0	0.757	0.0	83.0	−1.3	79.3	79.3	91	0.983	1.0	0.0	1.0	0.823	0.0	85.2	−4.5	76.3	76.4	93	0.983	1.0	0.0			
100	92	94	0.966	1.0	0.0	91.7	−15.2	86.5	87.8	100	1.0	0.784	0.0	83.9	−2.6	78.1	78.2	92	0.967	1.0	0.0	1.0	0.854	0.0	86.2	−6.0	74.9	75.1	94	0.967	1.0	0.0			
100	93	95	0.95	1.0	0.0	91.9	−15.6	87.6	89.0	100	1.0	0.81	0.0	84.8	−3.9	76.9	77.0	93	0.95	1.0	0.0	1.0	0.885	0.0	87.3	−7.5	74.7	75.1	95	0.95	1.0	0.0			
100	94	96	0.933	1.0	0.0	92.2	−16.1	88.8	90.3	100	1.0	0.837	0.0	85.7	−5.2	75.7	75.8	94	0.933	1.0	0.0	1.0	0.919	0.0	88.5	−9.4	77.6	78.1	96	0.933	1.0	0.0			
100	95	98	0.916	1.0	0.0	92.4	−16.5	90.0	91.5	100	1.0	0.863	0.0	86.6	−6.4	74.4	74.7	95	0.917	1.0	0.0	1.0	0.953	0.0	89.7	−11.4	80.3	81.2	98	0.917	1.0	0.0			
100	96	99	0.9	1.0	0.0	92.6	−16.9	91.1	92.7	100	1.0	0.891	0.0	87.5	−7.8	75.2	75.6	96	0.9	1.0	0.0	1.0	0.986	0.0	90.8	−13.5	83.1	84.2	99	0.9	1.0	0.0			
100	97	100	0.883	1.0	0.0	92.8	−17.3	92.3	93.9	100	1.0	0.92	0.0	88.5	−9.4	77.6	78.2	97	0.883	1.0	0.0	0.907	1.0	0.0	92.6	−16.7	90.7	92.2	100	0.883	1.0	0.0			
100	98	101	0.866	1.0	0.0	92.7	−17.8	92.6	94.3	100	1.0	0.949	0.0	89.5	−11.1	80.0	80.8	98	0.867	1.0	0.0	0.84	1.0	0.0	92.0	−18.8	91.7	93.6	101	0.867	1.0	0.0			
101	99	102	0.85	1.0	0.0	92.2	−18.5	92.0	93.9	101	1.0	0.978	0.0	90.5	−12.9	82.4	83.4	99	0.85	1.0	0.0	0.796	1.0	0.0	90.7	−20.4	90.1	92.4	102	0.85	1.0	0.0			
101	100	103	0.833	1.0	0.0	91.7	−19.1	91.4	93.4	101	0.97	1.0	0.0	91.7	−15.1	86.3	87.6	100	0.833	1.0	0.0	0.752	1.0	0.0	89.4	−21.9	88.5	91.2	103	0.833	1.0	0.0			
102	101	105	0.816	1.0	0.0	91.2	−19.7	90.8	92.9	102	0.864	1.0	0.0	92.7	−17.9	92.6	94.3	101	0.817	1.0	0.0	0.732	1.0	0.0	88.1	−23.3	86.7	89.8	105	0.817	1.0	0.0			
102	102	106	0.8	1.0	0.0	90.7	−20.3	90.2	92.5	102	0.826	1.0	0.0	91.6	−19.3	91.2	93.3	102	0.8	1.0	0.0	0.713	1.0	0.0	86.9	−24.7	84.7	88.3	106	0.8	1.0	0.0			
103	103	107	0.783	1.0	0.0	90.2	−20.9	89.6	92.0	103	0.789	1.0	0.0	90.4	−20.6	89.9	92.2	103	0.783	1.0	0.0	0.694	1.0	0.0	85.7	−25.9	82.8	86.8	107	0.783	1.0	0.0			
103	104	108	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103	0.751	1.0	0.0	89.3	−22.0	88.5	91.2	104	0.767	1.0	0.0	0.675	1.0	0.0	84.5	−27.1	80.8	85.3	108	0.767	1.0	0.0			
104	105	109	0.75	1.0	0.0	89.2	−22.0	88.4	91.1	104	0.734	1.0	0.0	88.3	−23.2	86.9	89.9	105	0.75	1.0	0.0	0.656	1.0	0.0	83.3	−28.3	78.9	83.8	109	0.75	1.0	0.0			
105	106	110	0.733	1.0	0.0	88.2	−23.3	86.7	89.8	105	0.718	1.0	0.0	87.2	−24.3	85.2	88.7	106	0.733	1.0	0.0	0.637	1.0	0.0	82.0	−29.3	76.9	82.3	110	0.733	1.0	0.0			
106	107	112	0.716	1.0	0.0	87.1	−24.5	85.1	88.5	106	0.701	1.0	0.0	86.2	−25.4	83.6	87.4	107	0.717	1.0	0.0	0.619	1.0	0.0	80.9	−30.4	75.1	81.1	112	0.717	1.0	0.0			
107	108	113	0.7	1.0	0.0	86.0	−25.6	83.4	87.2	107	0.685	1.0	0.0	85.1	−26.5	81.9	86.1	108	0.7	1.0	0.0	0.602	1.0	0.0	79.9	−31.6	73.7	80.3	113	0.7	1.0	0.0			
108	109	114	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108	0.669	1.0	0.0	84.1	−27.5	80.2	84.8	109	0.683	1.0	0.0	0.585	1.0	0.0	79.0	−32.8	72.3	79.4	114	0.683	1.0	0.0			
109	110	115	0.666	1.0	0.0	83.9	−27.7	79.9	84.6	109	0.652	1.0	0.0	83.0	−28.5	78.5	83.6	110	0.667	1.0	0.0	0.569	1.0	0.0	78.0	−33.9	70.9	78.6	115	0.667	1.0	0.0			
110	111	116	0.65	1.0	0.0	82.8	−28.7	78.2	83.3	110	0.636	1.0	0.0	82.0	−29.4	76.8	82.3	111	0.65	1.0	0.0	0.552	1.0	0.0	77.0	−35.0	69.4	77.8	116	0.65	1.0	0.0			
111	112	117	0.633	1.0	0.0	81.8	−29.6	76.5	82.0	111	0.62	1.0	0.0	81.0	−30.3	75.3	81.2	112	0.633	1.0	0.0	0.535	1.0	0.0	76.1	−36.0	68.0	77.0	117	0.633	1.0	0.0			
112	113	119	0.616	1.0	0.0	80.7	−30.6	74.9	80.9	112	0.606	1.0	0.0	80.2	−31.3	74.1	80.5	113	0.617	1.0	0.0	0.519	1.0	0.0	75.1	−36.9	66.5	76.1	119	0.617	1.0	0.0			
113	114	120	0.6	1.0	0.0	79.8	−31.8	73.5	80.1	113	0.592	1.0	0.0	79.3	−32.3	72.9	79.8	114	0.6	1.0	0.0	0.502	1.0	0.0	74.1	−37.9	65.0	75.3	120	0.6	1.0	0.0			
114	115	121	0.583	1.0	0.0	78.8	−33.0	72.1	79.3	114	0.578	1.0	0.0	78.5	−33.3	71.6	79.1	115	0.583	1.0	0.0	0.482	1.0	0.0	73.3	−38.9	63.8	74.8	121	0.583	1.0	0.0			
115	116	122	0.566	1.0	0.0	77.8	−34.1	70.7	78.5	115	0.563	1.0	0.0	77.7	−34.2	70.4	78.3	116	0.567	1.0	0.0	0.462	1.0	0.0	72.6	−39.9	62.6	74.3	122	0.567	1.0	0.0			
116	117	123	0.55	1.0	0.0	76.9	−35.1	69.2	77.6	116	0.549	1.0	0.0	76.8	−35.1	69.2	77.6	117	0.55	1.0	0.0	0.441	1.0	0.0	71.8	−40.9	61.3	73.8	123	0.55	1.0	0.0			
118	118	124	0.533	1.0	0.0	75.9	−36.1	67.8	76.8	118	0.535	1.0	0.0	76.0	−36.0	67.9	76.9	118	0.533	1.0	0.0	0.421	1.0	0.0	71.1	−41.9	60.1	73.3	124	0.533	1.0	0.0			
119	119	126	0.516	1.0	0.0	74.9	−37.1	66.3	76.0	119	0.52	1.0	0.0	75.2	−36.9	66.7	76.2	119	0.517	1.0	0.0	0.401	1.0	0.0	70.3	−42.8	58.8	72.8	126	0.517	1.0	0.0			
120	120	127	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120	0.506	1.0	0.0	74.3	−37.7	65.4	75.5	120	0.5	1.0	0.0	0.38	1.0	0.0	69.6	−43.7	57.5	72.3	127	0.5	1.0	0.0			



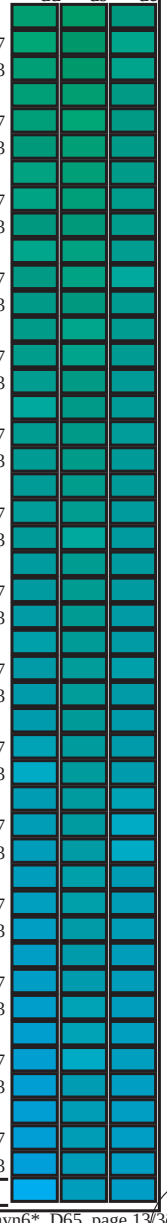
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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		
120	120	127	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120	0.506	1.0	0.0	74.3	−37.7	65.4	75.5	120	0.5	1.0	0.0	0.38	1.0	0.0	69.6	−43.7	57.5	72.3	127	0.5	1.0	0.0
121	121	128	0.483	1.0	0.0	73.3	−38.9	63.8	74.8	121	0.49	1.0	0.0	73.6	−38.5	64.3	75.0	121	0.483	1.0	0.0	0.366	1.0	0.0	68.9	−44.7	56.4	72.0	128	0.483	1.0	0.0
122	122	129	0.466	1.0	0.0	72.7	−39.7	62.8	74.4	122	0.472	1.0	0.0	73.0	−39.4	63.2	74.5	122	0.467	1.0	0.0	0.355	1.0	0.0	68.2	−45.7	55.3	71.8	129	0.467	1.0	0.0
123	123	130	0.45	1.0	0.0	72.1	−40.6	61.8	74.0	123	0.455	1.0	0.0	72.3	−40.3	62.2	74.1	123	0.45	1.0	0.0	0.344	1.0	0.0	67.6	−46.6	54.2	71.6	130	0.45	1.0	0.0
124	124	131	0.433	1.0	0.0	71.5	−41.3	60.8	73.5	124	0.437	1.0	0.0	71.7	−41.1	61.1	73.7	124	0.433	1.0	0.0	0.332	1.0	0.0	66.9	−47.6	53.1	71.3	131	0.433	1.0	0.0
125	125	133	0.416	1.0	0.0	70.9	−42.1	59.8	73.1	125	0.42	1.0	0.0	71.0	−41.9	60.0	73.3	125	0.417	1.0	0.0	0.321	1.0	0.0	66.3	−48.5	51.9	71.1	133	0.417	1.0	0.0
126	126	134	0.4	1.0	0.0	70.3	−42.9	58.7	72.7	126	0.402	1.0	0.0	70.4	−42.7	58.9	72.8	126	0.4	1.0	0.0	0.309	1.0	0.0	65.6	−49.4	50.8	70.9	134	0.4	1.0	0.0
127	127	135	0.383	1.0	0.0	69.6	−43.6	57.7	72.3	127	0.385	1.0	0.0	69.7	−43.5	57.8	72.4	127	0.383	1.0	0.0	0.298	1.0	0.0	64.9	−50.2	49.6	70.7	135	0.383	1.0	0.0
128	128	136	0.366	1.0	0.0	68.9	−44.7	56.4	72.0	128	0.371	1.0	0.0	69.1	−44.3	56.8	72.1	128	0.367	1.0	0.0	0.286	1.0	0.0	64.3	−51.1	48.4	70.4	136	0.367	1.0	0.0
130	129	137	0.35	1.0	0.0	67.9	−46.1	54.8	71.6	130	0.361	1.0	0.0	68.6	−45.2	55.9	71.9	129	0.35	1.0	0.0	0.275	1.0	0.0	63.6	−51.9	47.2	70.2	137	0.35	1.0	0.0
131	130	138	0.333	1.0	0.0	66.9	−47.5	53.1	71.3	131	0.351	1.0	0.0	68.0	−46.0	54.9	71.7	130	0.333	1.0	0.0	0.263	1.0	0.0	63.0	−52.7	46.0	70.0	138	0.333	1.0	0.0
133	131	140	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133	0.341	1.0	0.0	67.4	−46.8	54.0	71.5	131	0.317	1.0	0.0	0.252	1.0	0.0	62.3	−53.4	44.8	69.8	140	0.317	1.0	0.0
135	132	141	0.3	1.0	0.0	65.0	−50.1	49.8	70.7	135	0.331	1.0	0.0	66.9	−47.6	53.0	71.3	132	0.3	1.0	0.0	0.235	1.0	0.0	61.7	−54.3	43.7	69.8	141	0.3	1.0	0.0
136	133	142	0.283	1.0	0.0	64.1	−51.3	48.0	70.3	136	0.322	1.0	0.0	66.3	−48.4	52.0	71.1	133	0.283	1.0	0.0	0.217	1.0	0.0	61.1	−55.3	42.6	69.9	142	0.283	1.0	0.0
138	134	143	0.266	1.0	0.0	63.1	−52.5	46.3	70.0	138	0.312	1.0	0.0	65.7	−49.2	51.0	70.9	134	0.267	1.0	0.0	0.199	1.0	0.0	60.6	−56.2	41.5	70.0	143	0.267	1.0	0.0
140	135	144	0.25	1.0	0.0	62.2	−53.6	44.5	69.7	140	0.302	1.0	0.0	65.2	−49.9	50.0	70.7	135	0.25	1.0	0.0	0.181	1.0	0.0	60.0	−57.1	40.4	70.0	144	0.25	1.0	0.0
141	136	145	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141	0.292	1.0	0.0	64.6	−50.6	49.0	70.5	136	0.233	1.0	0.0	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145	0.233	1.0	0.0
142	137	147	0.216	1.0	0.0	61.1	−55.3	42.5	69.8	142	0.282	1.0	0.0	64.1	−51.4	48.0	70.4	137	0.217	1.0	0.0	0.145	1.0	0.0	58.8	−58.8	38.2	70.2	147	0.217	1.0	0.0
143	138	148	0.2	1.0	0.0	60.5	−56.2	41.5	69.9	143	0.272	1.0	0.0	63.5	−52.0	46.9	70.2	138	0.2	1.0	0.0	0.127	1.0	0.0	58.2	−59.7	37.0	70.3	148	0.2	1.0	0.0
144	139	149	0.183	1.0	0.0	60.0	−57.0	40.5	70.0	144	0.263	1.0	0.0	62.9	−52.7	45.9	70.0	139	0.183	1.0	0.0	0.099	1.0	0.0	57.6	−60.8	36.0	70.7	149	0.183	1.0	0.0
145	140	150	0.166	1.0	0.0	59.5	−57.9	39.5	70.1	145	0.253	1.0	0.0	62.4	−53.3	44.8	69.8	140	0.167	1.0	0.0	0.07	1.0	0.0	56.9	−61.9	35.0	71.2	150	0.167	1.0	0.0
146	141	151	0.15	1.0	0.0	58.9	−58.7	38.4	70.1	146	0.239	1.0	0.0	61.8	−54.1	43.9	69.8	141	0.15	1.0	0.0	0.041	1.0	0.0	56.2	−63.1	34.0	71.7	151	0.15	1.0	0.0
147	142	152	0.133	1.0	0.0	58.4	−59.4	37.3	70.2	147	0.223	1.0	0.0	61.4	−54.9	43.0	69.8	142	0.133	1.0	0.0	0.011	1.0	0.0	55.5	−64.2	32.9	72.2	152	0.133	1.0	0.0
148	143	154	0.116	1.0	0.0	57.9	−60.2	36.5	70.4	148	0.208	1.0	0.0	60.9	−55.7	42.1	69.9	143	0.117	1.0	0.0	0.0	1.0	0.012	55.2	−64.6	31.4	71.9	154	0.117	1.0	0.0
149	144	155	0.1	1.0	0.0	57.5	−60.8	36.0	70.7	149	0.193	1.0	0.0	60.4	−56.5	41.1	70.0	144	0.1	1.0	0.0	0.0	1.0	0.032	55.1	−64.5	29.8	71.1	155	0.1	1.0	0.0
150	145	156	0.083	1.0	0.0	57.2	−61.5	35.4	71.0	150	0.177	1.0	0.0	59.9	−57.3	40.2	70.1	145	0.083	1.0	0.0	0.0	1.0	0.052	55.0	−64.3	28.1	70.3	156	0.083	1.0	0.0
150	146	157	0.066	1.0	0.0	56.8	−62.1	34.8	71.2	150	0.162	1.0	0.0	59.4	−58.0	39.2	70.1	146	0.067	1.0	0.0	0.0	1.0	0.072	54.9	−64.1	26.5	69.5	157	0.067	1.0	0.0
151	147	158	0.049	1.0	0.0	56.4	−62.8	34.2	71.5	151	0.146	1.0	0.0	58.9	−58.8	38.2	70.2	147	0.05	1.0	0.0	0.0	1.0	0.092	54.8	−63.9	24.9	68.6	158	0.05	1.0	0.0
152	148	159	0.033	1.0	0.0	56.0	−63.4	33.7	71.8	152	0.131	1.0	0.0	58.4	−59.5	37.2	70.3	148	0.033	1.0	0.0	0.0	1.0	0.112	54.6	−63.6	23.3	67.8	159	0.033	1.0	0.0
152	149	161	0.016	1.0	0.0	55.6	−64.0	33.0	72.1	152	0.11	1.0	0.0	57.8	−60.4	36.3	70.6	149	0.017	1.0	0.0	0.0	1.0	0.132	54.6	−63.2	21.7	66.9	161	0.017	1.0	0.0
153	150	162	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153	G_d 0.084	1.0	0.0	57.2	−61.4	35.5	71.0	150	G_s 0.0	1.0	0.0	0.0	1.0	0.153	54.7	−62.6	20.1	65.9	162	G_e 0.0	1.0	0.0
154	151	163	0.0	1.0	0.016	55.1	−64.6	31.0	71.7	154	0.059	1.0	0.0	56.6	−62.4	34.6	71.4	151	0.0	1.0	0.017	0.0	1.0	0.17	54.7	−62.2	18.9	65.1	163	0.0	1.0	0.017
155	152	164	0.0	1.0	0.033	55.0	−64.5	29.6	71.0	155	0.034	1.0	0.0	56.1	−63.3	33.7	71.8	152	0.0	1.0	0.033	0.0	1.0	0.186	54.8	−61.7	17.7	64.3	164	0.0	1.0	0.033
156	153	164	0.0	1.0	0.05	54.9	−64.4	28.3	70.3	156	0.009	1.0	0.0	55.5	−64.3	32.8	72.3	153	0.0	1.0	0.05	0.0	1.0	0.203	54.8	−61.2	16.5	63.5	164	0.0	1.0	0.05
157	154	165	0.0	1.0	0.066	54.8	−64.2	26.9	69.6	157	0.0	1.0	0.011	55.2	−64.6	31.5	72.0	154	0.0	1.0	0.067	0.0	1.0	0.219	54.9	−60.7	15.3	62.7	165	0.0	1.0	0.067
158	155	166	0.0	1.0	0.083	54.8	−64.0	25.5	68.9	158	0.0	1.0	0.028	55.1	−64.5	30.1	71.3	155	0.0	1.0	0.083	0.0	1.0	0.236	54.9	−60.1	14.1	61.9	166	0.0	1.0	0.083
159	156	167	0.0	1.0	0.1	54.7	−63.8	24.2	68.3	159	0.0	1.0	0.045	55.0	−64.4	28.7	70.6	156	0.0	1.0	0.1	0.0	1.0	0.252	55.0	−59.6	13.0	61.1	167	0.0	1.0	0.1
160	157	168	0.0	1.0	0.116	54.6	−63.6	22.9	67.6	160	0.0	1.0	0.062	54.9	−64.2	27.3	69.9	157	0.0	1.0	0.117	0.0	1.0	0.267	55.1	−59.2	11.9	60.4	168	0.0	1.0	0.117
161	158	169	0.0	1.0	0.133	54.6	−63.2	21.6	66.8	161	0.0	1.0	0.08	54.8	−64.0	25.9	69.1	158	0.0	1.0	0.133	0.0	1.0	0.281	55.1	−58.7	10.9	59.8	169	0.0	1.0	0.133
162	159	170	0.0	1.0	0.15	54.6	−62.8	20.3	66.0	162	0.0	1.0	0.097	54.7	−63.8	24.5	68.4	159	0.0	1.0	0.15	0.0	1.0	0.296	55.2	−58.3	9.8	59.2	170	0.0	1.0	0.15
162	160	171	0.0	1.0	0.166	54.7	−62.3	19.1	65.2	162	0.0	1.0	0.114	54.6	−63.6	23.2	67.7	160	0.0	1.0	0.167	0.0	1.0	0.31	55.2	−57.8	8.8	58.6	171	0.0	1.0	0.167
163	161	172	0.0	1.0	0.183	54.7	−61.8	17.8	64.4	163	0.0	1.0	0.131	54.6	−63.2	21.8	67.0	161	0.0	1.0	0.183	0.0	1.0	0.325	55.3	−57.3	7.8	57.9	172	0.0	1.0	0.183
164	162	173	0.0	1.0	0.2	54.8	−61.3	16.6	63.5	164	0.0	1.0	0.149	54.7	−62.8	20.4	66.1	162	0.0	1.0	0.2	0.0	1.0	0.34	55.4	−56.8	6.8	57.3	173	0.0	1.0	0.2
165	163	174	0.0	1.0	0.216	54.8	−60.8	15.4	62.7	165	0.0	1.0	0.167	54.7	−62.3	19.1	65.2	163	0.0	1.0	0.217	0.0	1.0	0.354	55.4	−56.3	5.8	56.7	174	0.0	1.0	0.217
166	164	175	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166	0.0	1.0	0.185	54.8	−61.7	17.7	64.3	164	0.0	1.0	0.233	0.0	1.0	0.369	55.5	−55.8	4.9	56.1	175	0.0	1.0	0.233
167	165	175	0.0	1.0	0.25	54.9	−59.7	13.1	61.1	167	0.0	1.0	0.203	54.8	−61.2	16.4	63.4	165	0.0	1.0	0.25	0.0	1.0	0.382	55.6	−55.3	4.0	55.5	175	0.0	1.0	0.25



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*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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**$_{de}$
167	165	175	0.0	1.0	0.25	54.9	−59.7	13.1	61.1	167	0.0	1.0	0.203	54.8	−61.2	16.4	63.4	165	0.0	1.0	0.25	0.0	1.0	0.382	55.6	−55.3	4.0	55.5	175	0.0	1.0	0.25			
168	166	176	0.0	1.0	0.266	55.0	−59.2	11.9	60.4	168	0.0	1.0	0.221	54.9	−60.6	15.1	62.5	166	0.0	1.0	0.267	0.0	1.0	0.394	55.7	−54.8	3.0	55.0	176	0.0	1.0	0.267			
169	167	177	0.0	1.0	0.283	55.1	−58.7	10.7	59.7	169	0.0	1.0	0.239	54.9	−60.0	13.9	61.7	167	0.0	1.0	0.283	0.0	1.0	0.405	55.8	−54.4	2.2	54.5	177	0.0	1.0	0.283			
170	168	178	0.0	1.0	0.3	55.1	−58.2	9.5	59.0	170	0.0	1.0	0.257	55.0	−59.4	12.7	60.9	168	0.0	1.0	0.3	0.0	1.0	0.417	55.9	−53.9	1.3	54.0	178	0.0	1.0	0.3			
171	169	179	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171	0.0	1.0	0.273	55.1	−59.0	11.5	60.2	169	0.0	1.0	0.317	0.0	1.0	0.428	56.0	−53.5	0.4	53.6	179	0.0	1.0	0.317			
172	170	180	0.0	1.0	0.333	55.3	−57.1	7.2	57.5	172	0.0	1.0	0.289	55.1	−58.5	10.3	59.5	170	0.0	1.0	0.333	0.0	1.0	0.44	56.1	−53.0	−0.3	53.1	180	0.0	1.0	0.333			
173	171	181	0.0	1.0	0.35	55.4	−56.5	6.1	56.8	173	0.0	1.0	0.305	55.2	−58.0	9.2	58.8	171	0.0	1.0	0.35	0.0	1.0	0.452	56.2	−52.5	−1.2	52.6	181	0.0	1.0	0.35			
174	172	182	0.0	1.0	0.366	55.4	−55.9	5.0	56.1	174	0.0	1.0	0.321	55.3	−57.5	8.1	58.1	172	0.0	1.0	0.367	0.0	1.0	0.463	56.3	−51.9	−2.0	52.1	182	0.0	1.0	0.367			
176	173	183	0.0	1.0	0.383	55.5	−55.3	3.8	55.4	176	0.0	1.0	0.337	55.4	−56.9	7.0	57.4	173	0.0	1.0	0.383	0.0	1.0	0.475	56.4	−51.4	−2.8	51.6	183	0.0	1.0	0.383			
177	174	184	0.0	1.0	0.4	55.7	−54.6	2.5	54.7	177	0.0	1.0	0.353	55.4	−56.3	5.9	56.8	174	0.0	1.0	0.4	0.0	1.0	0.487	56.5	−50.9	−3.6	51.1	184	0.0	1.0	0.4			
178	175	185	0.0	1.0	0.416	55.8	−54.0	1.2	54.0	178	0.0	1.0	0.369	55.5	−55.8	4.9	56.1	175	0.0	1.0	0.417	0.0	1.0	0.498	56.6	−50.3	−4.3	50.6	185	0.0	1.0	0.417			
179	176	185	0.0	1.0	0.433	56.0	−53.3	0.0	53.3	179	0.0	1.0	0.383	55.6	−55.2	3.9	55.5	176	0.0	1.0	0.433	0.0	1.0	0.509	56.6	−49.9	−5.1	50.3	185	0.0	1.0	0.433			
181	177	186	0.0	1.0	0.45	56.1	−52.6	−1.1	52.6	181	0.0	1.0	0.396	55.7	−54.8	2.9	54.9	177	0.0	1.0	0.45	0.0	1.0	0.519	56.7	−49.5	−5.9	50.0	186	0.0	1.0	0.45			
182	178	187	0.0	1.0	0.466	56.3	−51.8	−2.3	51.9	182	0.0	1.0	0.409	55.8	−54.3	1.9	54.4	178	0.0	1.0	0.467	0.0	1.0	0.529	56.7	−49.1	−6.6	49.7	187	0.0	1.0	0.467			
183	179	188	0.0	1.0	0.483	56.4	−51.1	−3.4	51.2	183	0.0	1.0	0.421	55.9	−53.8	0.9	53.9	179	0.0	1.0	0.483	0.0	1.0	0.539	56.8	−48.7	−7.4	49.4	188	0.0	1.0	0.483			
185	180	189	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185	0.0	1.0	0.434	56.0	−53.2	0.0	53.3	180	0.0	1.0	0.5	0.0	1.0	0.549	56.8	−48.3	−8.1	49.1	189	0.0	1.0	0.5			
186	181	190	0.0	1.0	0.516	56.6	−49.7	−5.8	50.0	186	0.0	1.0	0.447	56.1	−52.7	−0.8	52.8	181	0.0	1.0	0.517	0.0	1.0	0.559	56.8	−47.9	−8.8	48.8	190	0.0	1.0	0.517			
188	182	191	0.0	1.0	0.533	56.7	−49.0	−7.0	49.5	188	0.0	1.0	0.46	56.3	−52.1	−1.7	52.2	182	0.0	1.0	0.533	0.0	1.0	0.569	56.9	−47.5	−9.5	48.5	191	0.0	1.0	0.533			
189	183	192	0.0	1.0	0.55	56.7	−48.4	−8.2	49.1	189	0.0	1.0	0.472	56.4	−51.5	−2.6	51.7	183	0.0	1.0	0.55	0.0	1.0	0.58	56.9	−47.0	−10.2	48.3	192	0.0	1.0	0.55			
191	184	193	0.0	1.0	0.566	56.8	−47.7	−9.4	48.6	191	0.0	1.0	0.485	56.5	−50.9	−3.5	51.2	184	0.0	1.0	0.567	0.0	1.0	0.59	57.0	−46.6	−10.9	48.0	193	0.0	1.0	0.567			
192	185	194	0.0	1.0	0.583	56.9	−46.9	−10.5	48.1	192	0.0	1.0	0.498	56.6	−50.3	−4.3	50.6	185	0.0	1.0	0.583	0.0	1.0	0.6	57.0	−46.1	−11.6	47.7	194	0.0	1.0	0.583			
194	186	195	0.0	1.0	0.6	56.9	−46.2	−11.6	47.6	194	0.0	1.0	0.509	56.6	−49.9	−5.2	50.3	186	0.0	1.0	0.6	0.0	1.0	0.61	57.0	−45.7	−12.2	47.4	195	0.0	1.0	0.6			
195	187	195	0.0	1.0	0.616	57.0	−45.4	−12.7	47.1	195	0.0	1.0	0.52	56.7	−49.5	−6.0	50.0	187	0.0	1.0	0.617	0.0	1.0	0.62	57.1	−45.2	−12.9	47.1	195	0.0	1.0	0.617			
197	188	196	0.0	1.0	0.633	57.0	−44.8	−13.7	46.8	197	0.0	1.0	0.531	56.7	−49.1	−6.8	49.6	188	0.0	1.0	0.633	0.0	1.0	0.631	57.1	−44.8	−13.5	46.9	196	0.0	1.0	0.633			
198	189	197	0.0	1.0	0.65	57.0	−44.3	−14.7	46.7	198	0.0	1.0	0.543	56.8	−48.6	−7.6	49.3	189	0.0	1.0	0.65	0.0	1.0	0.643	57.1	−44.5	−14.2	46.8	197	0.0	1.0	0.65			
199	190	198	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199	0.0	1.0	0.554	56.8	−48.2	−8.4	49.0	190	0.0	1.0	0.667	0.0	1.0	0.655	57.1	−44.1	−14.9	46.7	198	0.0	1.0	0.667			
200	191	199	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200	0.0	1.0	0.565	56.9	−47.7	−9.2	48.7	191	0.0	1.0	0.683	0.0	1.0	0.666	57.0	−43.8	−15.6	46.6	199	0.0	1.0	0.683			
202	192	200	0.0	1.0	0.7	56.9	−42.9	−17.5	46.3	202	0.0	1.0	0.576	56.9	−47.2	−10.0	48.4	192	0.0	1.0	0.7	0.0	1.0	0.678	57.0	−43.5	−16.2	46.5	200	0.0	1.0	0.7			
203	193	201	0.0	1.0	0.716	56.9	−42.3	−18.4	46.2	203	0.0	1.0	0.587	56.9	−46.7	−10.7	48.0	193	0.0	1.0	0.717	0.0	1.0	0.69	57.0	−43.1	−16.9	46.4	201	0.0	1.0	0.717			
204	194	202	0.0	1.0	0.733	56.9	−41.8	−19.3	46.1	204	0.0	1.0	0.598	57.0	−46.2	−11.4	47.7	194	0.0	1.0	0.733	0.0	1.0	0.702	57.0	−42.8	−17.5	46.4	202	0.0	1.0	0.733			
206	195	203	0.0	1.0	0.75	56.9	−41.2	−20.2	45.9	206	0.0	1.0	0.609	57.0	−45.7	−12.2	47.4	195	0.0	1.0	0.75	0.0	1.0	0.714	57.0	−42.4	−18.2	46.3	203	0.0	1.0	0.75			
207	196	204	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207	0.0	1.0	0.62	57.1	−45.2	−12.9	47.1	196	0.0	1.0	0.767	0.0	1.0	0.726	57.0	−42.0	−18.8	46.2	204	0.0	1.0	0.767			
209	197	205	0.0	1.0	0.783	56.6	−40.5	−22.6	46.4	209	0.0	1.0	0.632	57.1	−44.7	−13.6	46.9	197	0.0	1.0	0.783	0.0	1.0	0.737	56.9	−41.6	−19.5	46.1	205	0.0	1.0	0.783			
210	198	206	0.0	1.0	0.8	56.4	−40.0	−23.8	46.6	210	0.0	1.0	0.645	57.1	−44.4	−14.4	46.8	198	0.0	1.0	0.8	0.0	1.0	0.749	56.9	−41.2	−20.1	46.0	206	0.0	1.0	0.8			
212	199	206	0.0	1.0	0.816	56.3	−39.6	−24.9	46.8	212	0.0	1.0	0.658	57.1	−44.1	−15.1	46.7	199	0.0	1.0	0.817	0.0	1.0	0.759	56.8	−41.0	−20.8	46.1	206	0.0	1.0	0.817			
213	200	207	0.0	1.0	0.833	56.1	−39.1	−26.1	47.0	213	0.0	1.0	0.671	57.0	−43.7	−15.8	46.6	200	0.0	1.0	0.833	0.0	1.0	0.769	56.8	−40.8	−21.5	46.2	207	0.0	1.0	0.833			
215	201	208	0.0	1.0	0.85	56.0	−38.5	−27.3	47.2	215	0.0	1.0	0.684	57.0	−43.3	−16.6	46.5	201	0.0	1.0	0.85	0.0	1.0	0.779	56.7	−40.5	−22.2	46.4	208	0.0	1.0	0.85			
216	202	209	0.0	1.0	0.866	55.9	−38.0	−28.4	47.5	216	0.0	1.0	0.697	57.0	−42.9	−17.3	46.4	202	0.0	1.0	0.867	0.0	1.0	0.789	56.6	−40.3	−22.9	46.5	209	0.0	1.0	0.867			
218	203	210	0.0	1.0	0.883	55.6	−37.5	−29.8	47.9	218	0.0	1.0	0.71	57.0	−42.5	−18.0	46.3	203	0.0	1.0	0.883	0.0	1.0	0.799	56.5	−40.0	−23.6	46.6	210	0.0	1.0	0.883			
220	204	211	0.0	1.0	0.9	55.2	−37.0	−31.3	48.5	220	0.0	1.0	0.723	57.0	−42.1	−18.7	46.2	204	0.0	1.0	0.9	0.0	1.0	0.809	56.4	−39.8	−24.3	46.7	211	0.0	1.0	0.9			
221	205	212	0.0	1.0	0.916	54.8	−36.5	−32.8	49.1	221	0.0	1.0	0.736	56.9	−41.7	−19.4	46.1	205	0.0	1.0	0.917	0.0	1.0	0.819	56.3	−39.5	−25.0	46.9	212	0.0	1.0	0.917			
223	206	213	0.0	1.0	0.933	54.5	−35.9	−34.3	49.7	223	0.0	1.0	0.749	56.9	−41.2	−20.1	46.0	206	0.0	1.0	0.933	0.0	1.0	0.829	56.2	−39.2	−25.7	47.0	213	0.0	1.0	0.933			
225	207	214	0.0	1.0	0.95	54.1	−35.2	−35.9	50.3	225	0.0	1.0	0.76	56.8	−41.0	−20.8	46.1	207	0.0	1.0	0.95	0.0	1.0	0.839	56.1	−38.9	−26.4	47.1	214	0.0	1.0	0.95			
227	208	215	0.0	1.0	0.966	53.7	−34.5	−37.4	50.9	227	0.0	1.0	0.771	56.7	−40.7	−21.6	46.2	208	0.0	1.0	0.967	0.0	1.0	0.848	56.1	−38.5	−27.1	47.3	215	0.0	1.0	0.967			
229	209	216	0.0	1.0	0.983	53.4	−33.8	−38.9	51.5	229	0.0	1.0	0.782	56.6	−40.5	−22.4	46.4	209	0.0	1.0	0.983	0.0	1.0	0.858	56.0	−38.2	−27.8	47.4	216	0.0	1.0	0.983			
230	210	216	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230 C_d	0.0	1.0	0.792	56.6	−40.2	−23.2	46.5	210 C_s	0.0	1.0	1.0	0.0	1.0	0.868	55.9	−37.9	−28.5	47.5	216 C_e	0.0	1.0	1.0			



TUB-test chart RE63; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

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

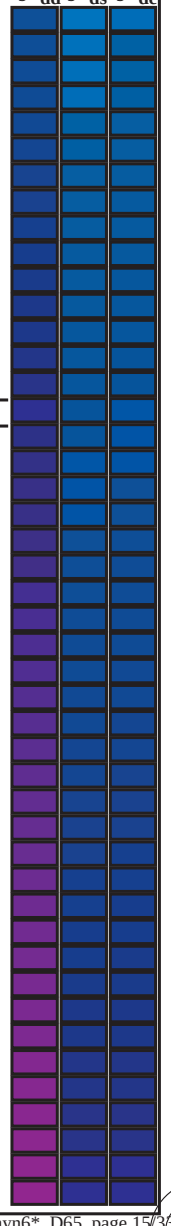
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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*		
230	210	216	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230	C_d	0.0	1.0	0.792	56.6	−40.2	−23.2	46.5	210	C_s	0.0	1.0	1.0	0.0	1.0	0.868	55.9	−37.9	−28.5	47.5	216	C_e	0.0	1.0	1.0
231	211	217	0.0	0.983	1.0	52.9	−32.7	−40.8	52.3	231		0.0	1.0	0.803	56.5	−39.9	−23.9	46.7	211		0.0	0.983	1.0	0.0	1.0	0.878	55.8	−37.6	−29.2	47.7	217		0.0	0.983	1.0
231	212	218	0.0	0.966	1.0	52.9	−32.5	−41.2	52.4	231		0.0	1.0	0.814	56.4	−39.6	−24.7	46.8	212		0.0	0.967	1.0	0.0	1.0	0.886	55.6	−37.3	−30.0	48.0	218		0.0	0.967	1.0
232	213	219	0.0	0.95	1.0	52.8	−32.2	−41.6	52.6	232		0.0	1.0	0.825	56.3	−39.3	−25.5	47.0	213		0.0	0.95	1.0	0.0	1.0	0.895	55.4	−37.1	−30.8	48.4	219		0.0	0.95	1.0
232	214	220	0.0	0.933	1.0	52.7	−32.0	−42.0	52.8	232		0.0	1.0	0.836	56.2	−39.0	−26.2	47.1	214		0.0	0.933	1.0	0.0	1.0	0.904	55.2	−36.8	−31.6	48.7	220		0.0	0.933	1.0
233	215	221	0.0	0.916	1.0	52.7	−31.7	−42.4	52.9	233		0.0	1.0	0.847	56.1	−38.6	−27.0	47.2	215		0.0	0.917	1.0	0.0	1.0	0.912	55.0	−36.6	−32.4	49.0	221		0.0	0.917	1.0
233	216	222	0.0	0.9	1.0	52.6	−31.5	−42.8	53.1	233		0.0	1.0	0.858	56.0	−38.2	−27.8	47.4	216		0.0	0.9	1.0	0.0	1.0	0.921	54.8	−36.3	−33.2	49.3	222		0.0	0.9	1.0
234	217	223	0.0	0.883	1.0	52.5	−31.2	−43.1	53.3	234		0.0	1.0	0.869	55.9	−37.9	−28.5	47.5	217		0.0	0.883	1.0	0.0	1.0	0.93	54.6	−36.0	−34.0	49.6	223		0.0	0.883	1.0
234	218	224	0.0	0.866	1.0	52.5	−30.8	−43.6	53.5	234		0.0	1.0	0.879	55.7	−37.5	−29.3	47.8	218		0.0	0.867	1.0	0.0	1.0	0.938	54.4	−35.6	−34.8	49.9	224		0.0	0.867	1.0
235	219	225	0.0	0.85	1.0	52.5	−30.3	−44.2	53.6	235		0.0	1.0	0.888	55.5	−37.3	−30.2	48.1	219		0.0	0.85	1.0	0.0	1.0	0.947	54.2	−35.3	−35.5	50.2	225		0.0	0.85	1.0
236	220	226	0.0	0.833	1.0	52.5	−29.8	−44.8	53.8	236		0.0	1.0	0.898	55.3	−37.0	−31.0	48.4	220		0.0	0.833	1.0	0.0	1.0	0.956	54.0	−34.9	−36.3	50.6	226		0.0	0.833	1.0
237	221	227	0.0	0.816	1.0	52.6	−29.2	−45.4	54.0	237		0.0	1.0	0.907	55.1	−36.7	−31.9	48.8	221		0.0	0.817	1.0	0.0	1.0	0.964	53.8	−34.6	−37.1	50.9	227		0.0	0.817	1.0
237	222	227	0.0	0.8	1.0	52.6	−28.7	−45.9	54.2	237		0.0	1.0	0.917	54.9	−36.4	−32.8	49.1	222		0.0	0.8	1.0	0.0	1.0	0.973	53.6	−34.2	−37.9	51.2	227		0.0	0.8	1.0
238	223	228	0.0	0.783	1.0	52.6	−28.1	−46.5	54.3	238		0.0	1.0	0.926	54.7	−36.1	−33.6	49.5	223		0.0	0.783	1.0	0.0	1.0	0.982	53.4	−33.8	−38.7	51.5	228		0.0	0.783	1.0
239	224	229	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239		0.0	1.0	0.936	54.5	−35.7	−34.5	49.8	224		0.0	0.767	1.0	0.0	1.0	0.99	53.2	−33.4	−39.4	51.8	229		0.0	0.767	1.0
240	225	230	0.0	0.75	1.0	52.6	−27.0	−47.6	54.7	240		0.0	1.0	0.945	54.3	−35.4	−35.4	50.2	225		0.0	0.75	1.0	0.0	1.0	0.999	53.1	−32.9	−40.2	52.1	230		0.0	0.75	1.0
241	226	231	0.0	0.733	1.0	52.3	−26.1	−48.0	54.6	241		0.0	1.0	0.955	54.0	−35.0	−36.2	50.5	226		0.0	0.733	1.0	0.0	0.972	1.0	52.9	−32.5	−41.0	52.4	231		0.0	0.733	1.0
242	227	232	0.0	0.716	1.0	51.9	−25.2	−48.3	54.5	242		0.0	1.0	0.964	53.8	−34.6	−37.1	50.9	227		0.0	0.717	1.0	0.0	0.94	1.0	52.8	−32.0	−41.8	52.8	232		0.0	0.717	1.0
243	228	233	0.0	0.7	1.0	51.6	−24.3	−48.7	54.4	243		0.0	1.0	0.974	53.6	−34.2	−38.0	51.2	228		0.0	0.7	1.0	0.0	0.907	1.0	52.7	−31.5	−42.5	53.1	233		0.0	0.7	1.0
244	229	234	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244		0.0	1.0	0.983	53.4	−33.7	−38.8	51.5	229		0.0	0.683	1.0	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234		0.0	0.683	1.0
245	230	235	0.0	0.666	1.0	50.9	−22.4	−49.3	54.2	245		0.0	1.0	0.993	53.2	−33.3	−39.7	51.9	230		0.0	0.667	1.0	0.0	0.857	1.0	52.6	−30.5	−43.9	53.6	235		0.0	0.667	1.0
246	231	236	0.0	0.65	1.0	50.5	−21.5	−49.6	54.1	246		0.0	0.992	1.0	53.0	−32.8	−40.5	52.2	231		0.0	0.65	1.0	0.0	0.838	1.0	52.6	−29.9	−44.6	53.8	236		0.0	0.65	1.0
247	232	237	0.0	0.633	1.0	50.1	−20.6	−49.9	54.0	247		0.0	0.957	1.0	52.9	−32.3	−41.3	52.6	232		0.0	0.633	1.0	0.0	0.819	1.0	52.6	−29.3	−45.2	54.0	237		0.0	0.633	1.0
248	233	237	0.0	0.616	1.0	49.7	−19.6	−50.1	53.8	248		0.0	0.922	1.0	52.7	−31.8	−42.2	52.9	233		0.0	0.617	1.0	0.0	0.8	1.0	52.6	−28.7	−45.9	54.2	237		0.0	0.617	1.0
249	234	238	0.0	0.6	1.0	49.1	−18.7	−50.2	53.5	249		0.0	0.887	1.0	52.6	−31.2	−43.0	53.3	234		0.0	0.6	1.0	0.0	0.782	1.0	52.7	−28.0	−46.5	54.4	238		0.0	0.6	1.0
250	235	239	0.0	0.583	1.0	48.5	−17.7	−50.2	53.3	250		0.0	0.861	1.0	52.6	−30.6	−43.8	53.6	235		0.0	0.583	1.0	0.0	0.763	1.0	52.7	−27.4	−47.1	54.6	239		0.0	0.583	1.0
251	236	240	0.0	0.566	1.0	47.9	−16.8	−50.3	53.0	251		0.0	0.841	1.0	52.6	−30.0	−44.5	53.8	236		0.0	0.567	1.0	0.0	0.745	1.0	52.6	−26.7	−47.6	54.7	240		0.0	0.567	1.0
252	237	241	0.0	0.55	1.0	47.4	−15.8	−50.3	52.7	252		0.0	0.82	1.0	52.6	−29.3	−45.2	54.0	237		0.0	0.55	1.0	0.0	0.73	1.0	52.3	−25.9	−48.0	54.6	241		0.0	0.55	1.0
253	238	242	0.0	0.533	1.0	46.8	−14.9	−50.3	52.5	253		0.0	0.8	1.0	52.6	−28.6	−45.9	54.2	238		0.0	0.533	1.0	0.0	0.715	1.0	52.0	−25.1	−48.3	54.5	242		0.0	0.533	1.0
254	239	243	0.0	0.516	1.0	46.2	−13.9	−50.3	52.2	254		0.0	0.779	1.0	52.7	−27.9	−46.6	54.4	239		0.0	0.517	1.0	0.0	0.701	1.0	51.6	−24.2	−48.6	54.4	243		0.0	0.517	1.0
255	240	244	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255		0.0	0.759	1.0	52.7	−27.2	−47.2	54.7	240		0.0	0.5	1.0	0.0	0.686	1.0	51.3	−23.4	−48.9	54.4	244		0.0	0.5	1.0
256	241	245	0.0	0.483	1.0	45.1	−12.0	−50.2	51.6	256		0.0	0.741	1.0	52.5	−26.4	−47.7	54.7	241		0.0	0.483	1.0	0.0	0.671	1.0	51.0	−22.6	−49.2	54.3	245		0.0	0.483	1.0
257	242	246	0.0	0.466	1.0	44.6	−11.0	−50.2	51.4	257		0.0	0.724	1.0	52.1	−25.5	−48.1	54.6	242		0.0	0.467	1.0	0.0	0.656	1.0	50.7	−21.8	−49.5	54.2	246		0.0	0.467	1.0
258	243	247	0.0	0.45	1.0	44.0	−9.9	−50.1	51.1	258		0.0	0.708	1.0	51.8	−24.6	−48.5	54.5	243		0.0	0.45	1.0	0.0	0.641	1.0	50.4	−20.9	−49.7	54.1	247		0.0	0.45	1.0
259	244	248	0.0	0.433	1.0	43.5	−9.0	−50.0	50.8	259		0.0	0.691	1.0	51.4	−23.7	−48.8	54.4	244		0.0	0.433	1.0	0.0	0.626	1.0	50.0	−20.1	−50.0	54.0	248		0.0	0.433	1.0
260	245	248	0.0	0.416	1.0	43.0	−8.0	−49.9	50.5	260		0.0	0.675	1.0	51.1	−22.8	−49.1	54.3	245		0.0	0.417	1.0	0.0	0.61	1.0	49.5	−19.2	−50.1	53.7	248		0.0	0.417	1.0
261	246	249	0.0	0.4	1.0	42.4	−7.0	−49.7	50.2	261		0.0	0.659	1.0	50.7	−21.9	−49.4	54.2	246		0.0	0.4	1.0	0.0	0.595	1.0	49.0	−18.3	−50.1	53.5	249		0.0	0.4	1.0
263	247	250	0.0	0.383	1.0	41.9	−6.0	−49.6	49.9	263		0.0	0.642	1.0	50.4	−21.0	−49.7	54.1	247		0.0	0.383	1.0	0.0	0.58	1.0	48.4	−17.5	−50.2	53.3	250		0.0	0.383	1.0
264	248	251	0.0	0.366	1.0	41.3	−4.9	−49.5	49.8	264		0.0	0.626	1.0	50.0	−20.1	−50.0	54.0	248		0.0	0.367	1.0	0.0	0.564	1.0	47.9	−16.6	−50.2	53.0	251		0.0	0.367	1.0
265	249	252	0.0	0.35	1.0	40.5	−3.6	−49.6	49.8	265		0.0	0.609	1.0	49.5	−19.2	−50.1	53.7	249		0.0	0.35	1.0	0.0	0.549	1.0	47.4	−15.7	−50.2	52.8	252		0.0	0.35	1.0
267	250	253	0.0	0.333	1.0	39.8	−2.2	−49.7	49.7	267		0.0	0.592	1.0	48.9	−18.2	−50.1	53.5	250		0.0	0.333	1.0	0.0	0.534	1.0	46.9	−14.8	−50.2	52.5	253		0.0	0.333	1.0
268	251	254	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268		0.0	0.575	1.0	48.3	−17.2	−50.2	53.2	251		0.0	0.317	1.0	0.0	0.518	1.0	46.3	−14.0	−50.2	52.3	254		0.0	0.317	1.0
270	252	255	0.0	0.3	1.0	38.2	0.3	−49.7	49.7	270		0.0	0.559	1.0	47.7	−16.3	−50.2	52.9	252		0.0	0.3	1.0	0.0	0.503	1.0	45.8	−13.1	−50.2	52.0	255		0.0	0.3	1.0
271	253	256	0.0	0.283	1.0	37.5	1.6	−49.6	49.6	271		0.0	0.542	1.0	47.1	−15.3	−50.2	52.6	253		0.0	0.283	1.0	0.0	0.489	1.0	45.3	−12.2	−50.2	51.8	256		0.0	0.283	1.0
273	254	257	0.0	0.266	1.0	36.7	2.9	−49.5	49.6	273		0.0	0.525	1.0	46.6	−14.3	−50.2	52.4	254		0.0	0.267	1.0	0.0	0.474	1.0	44.9	−11.4	−50.1	51.5	257		0.0	0.267	1.0
274	255	258	0.0	0.25	1.0	36.0	4.2	−49.4	49.6	274		0.0	0.508	1.0	46.0	−13.4	−50.2	52.1	255		0.0	0.25	1.0	0.0	0.46	1.0	44.4	−10.5	−50.1	51.3	258		0.0	0.25	1.0

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

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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		
274	255	258	0.0	0.25	1.0	36.0	4.2	−49.4	49.6	274	0.0	0.508	1.0	46.0	−13.4	−50.2	52.1	255	0.0	0.25	1.0	0.0	0.46	1.0	44.4	−10.5	−50.1	51.3	258	0.0	0.25	1.0
276	256	258	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276	0.0	0.492	1.0	45.4	−12.4	−50.2	51.8	256	0.0	0.233	1.0	0.0	0.446	1.0	44.0	−9.7	−50.0	51.1	258	0.0	0.233	1.0
278	257	259	0.0	0.216	1.0	35.6	7.0	−48.6	49.2	278	0.0	0.477	1.0	44.9	−11.5	−50.2	51.6	257	0.0	0.217	1.0	0.0	0.432	1.0	43.5	−8.8	−49.9	50.8	259	0.0	0.217	1.0
279	258	260	0.0	0.2	1.0	35.4	8.4	−48.2	48.9	279	0.0	0.461	1.0	44.5	−10.6	−50.1	51.3	258	0.0	0.2	1.0	0.0	0.418	1.0	43.1	−8.0	−49.8	50.6	260	0.0	0.2	1.0
281	259	261	0.0	0.183	1.0	35.2	9.8	−47.7	48.7	281	0.0	0.446	1.0	44.0	−9.6	−50.0	51.1	259	0.0	0.183	1.0	0.0	0.404	1.0	42.6	−7.2	−49.7	50.3	261	0.0	0.183	1.0
283	260	262	0.0	0.166	1.0	35.0	11.1	−47.2	48.5	283	0.0	0.43	1.0	43.5	−8.7	−49.9	50.8	260	0.0	0.167	1.0	0.0	0.39	1.0	42.2	−6.3	−49.6	50.1	262	0.0	0.167	1.0
284	261	263	0.0	0.15	1.0	34.8	12.4	−46.7	48.3	284	0.0	0.415	1.0	43.0	−7.8	−49.8	50.5	261	0.0	0.15	1.0	0.0	0.376	1.0	41.7	−5.5	−49.5	49.9	263	0.0	0.15	1.0
286	262	264	0.0	0.133	1.0	34.7	13.7	−46.1	48.1	286	0.0	0.399	1.0	42.5	−6.9	−49.7	50.3	262	0.0	0.133	1.0	0.0	0.366	1.0	41.3	−4.7	−49.5	49.8	264	0.0	0.133	1.0
288	263	265	0.0	0.116	1.0	34.4	15.1	−45.7	48.1	288	0.0	0.384	1.0	42.0	−6.0	−49.5	50.0	263	0.0	0.117	1.0	0.0	0.356	1.0	40.8	−3.9	−49.6	49.8	265	0.0	0.117	1.0
289	264	266	0.0	0.1	1.0	34.0	16.4	−45.5	48.4	289	0.0	0.37	1.0	41.5	−5.1	−49.5	49.8	264	0.0	0.1	1.0	0.0	0.345	1.0	40.4	−3.1	−49.6	49.8	266	0.0	0.1	1.0
291	265	267	0.0	0.083	1.0	33.6	17.8	−45.2	48.6	291	0.0	0.359	1.0	41.0	−4.2	−49.5	49.8	265	0.0	0.083	1.0	0.0	0.335	1.0	39.9	−2.4	−49.6	49.8	267	0.0	0.083	1.0
293	266	268	0.0	0.066	1.0	33.3	19.2	−44.9	48.9	293	0.0	0.348	1.0	40.5	−3.4	−49.6	49.8	266	0.0	0.067	1.0	0.0	0.325	1.0	39.4	−1.6	−49.6	49.8	268	0.0	0.067	1.0
294	267	269	0.0	0.049	1.0	32.9	20.5	−44.6	49.1	294	0.0	0.337	1.0	40.0	−2.5	−49.6	49.8	267	0.0	0.05	1.0	0.0	0.315	1.0	39.0	−0.8	−49.6	49.7	269	0.0	0.05	1.0
296	268	269	0.0	0.033	1.0	32.5	21.9	−44.2	49.4	296	0.0	0.326	1.0	39.5	−1.6	−49.6	49.8	268	0.0	0.033	1.0	0.0	0.305	1.0	38.5	0.0	−49.6	49.7	269	0.0	0.033	1.0
297	269	270	0.0	0.016	1.0	32.2	23.3	−43.8	49.6	297	0.0	0.315	1.0	39.0	−0.8	−49.6	49.7	269	0.0	0.017	1.0	0.0	0.295	1.0	38.1	0.7	−49.6	49.7	270	0.0	0.017	1.0
299	270	271	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299	B_d	0.0	0.304	1.0	38.5	0.0	−49.6	49.7	270	B_s	0.0	0.0	1.0	0.0	0.285	1.0	37.6	1.5	−49.6	49.7	271	B_e	0.0	0.0	1.0
300	271	272	0.016	0.0	1.0	31.7	25.5	−43.0	50.1	300	0.0	0.293	1.0	38.0	0.9	−49.6	49.7	271	0.017	0.0	1.0	0.0	0.275	1.0	37.1	2.3	−49.5	49.7	272	0.017	0.0	1.0
301	272	273	0.033	0.0	1.0	31.6	26.5	−42.7	50.3	301	0.0	0.282	1.0	37.5	1.7	−49.6	49.7	272	0.033	0.0	1.0	0.0	0.264	1.0	36.7	3.1	−49.4	49.6	273	0.033	0.0	1.0
302	273	274	0.05	0.0	1.0	31.6	27.4	−42.4	50.5	302	0.0	0.271	1.0	37.0	2.6	−49.5	49.7	273	0.05	0.0	1.0	0.0	0.254	1.0	36.2	4.0	−49.4	49.6	274	0.05	0.0	1.0
303	274	275	0.066	0.0	1.0	31.5	28.3	−42.0	50.7	303	0.0	0.26	1.0	36.5	3.5	−49.4	49.6	274	0.067	0.0	1.0	0.0	0.244	1.0	36.0	4.8	−49.2	49.5	275	0.067	0.0	1.0
305	275	276	0.083	0.0	1.0	31.4	29.2	−41.6	50.9	305	0.0	0.249	1.0	36.0	4.3	−49.3	49.6	275	0.083	0.0	1.0	0.0	0.234	1.0	35.9	5.6	−49.0	49.4	276	0.083	0.0	1.0
306	276	277	0.1	0.0	1.0	31.3	30.1	−41.2	51.1	306	0.0	0.239	1.0	35.9	5.2	−49.1	49.5	276	0.1	0.0	1.0	0.0	0.225	1.0	35.8	6.4	−48.8	49.3	277	0.1	0.0	1.0
307	277	278	0.116	0.0	1.0	31.3	31.0	−40.8	51.3	307	0.0	0.229	1.0	35.8	6.0	−48.9	49.4	277	0.117	0.0	1.0	0.0	0.216	1.0	35.6	7.2	−48.6	49.2	278	0.117	0.0	1.0
308	278	279	0.133	0.0	1.0	31.2	32.0	−40.3	51.5	308	0.0	0.219	1.0	35.7	6.9	−48.7	49.2	278	0.133	0.0	1.0	0.0	0.206	1.0	35.5	7.9	−48.3	49.1	279	0.133	0.0	1.0
309	279	280	0.15	0.0	1.0	31.2	33.0	−39.8	51.7	309	0.0	0.209	1.0	35.6	7.7	−48.4	49.1	279	0.15	0.0	1.0	0.0	0.197	1.0	35.4	8.7	−48.1	48.9	280	0.15	0.0	1.0
310	280	281	0.166	0.0	1.0	31.2	34.1	−39.2	51.9	310	0.0	0.199	1.0	35.5	8.5	−48.1	49.0	280	0.167	0.0	1.0	0.0	0.187	1.0	35.3	9.5	−47.8	48.8	281	0.167	0.0	1.0
312	281	282	0.183	0.0	1.0	31.2	35.1	−38.6	52.2	312	0.0	0.189	1.0	35.3	9.3	−47.9	48.9	281	0.183	0.0	1.0	0.0	0.178	1.0	35.2	10.3	−47.5	48.7	282	0.183	0.0	1.0
313	282	283	0.2	0.0	1.0	31.2	36.1	−38.0	52.4	313	0.0	0.18	1.0	35.2	10.1	−47.6	48.7	282	0.2	0.0	1.0	0.0	0.168	1.0	35.1	11.0	−47.2	48.6	283	0.2	0.0	1.0
314	283	284	0.216	0.0	1.0	31.2	37.1	−37.3	52.6	314	0.0	0.17	1.0	35.1	10.9	−47.3	48.6	283	0.217	0.0	1.0	0.0	0.159	1.0	35.0	11.8	−46.9	48.5	284	0.217	0.0	1.0
316	284	285	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316	0.0	0.16	1.0	35.0	11.7	−46.9	48.5	284	0.233	0.0	1.0	0.0	0.15	1.0	34.9	12.5	−46.6	48.4	285	0.233	0.0	1.0
317	285	285	0.25	0.0	1.0	31.2	39.0	−35.9	53.1	317	0.0	0.15	1.0	34.9	12.5	−46.6	48.4	285	0.25	0.0	1.0	0.0	0.14	1.0	34.8	13.3	−46.3	48.2	285	0.25	0.0	1.0
318	286	286	0.266	0.0	1.0	31.5	39.9	−35.5	53.4	318	0.0	0.14	1.0	34.8	13.3	−46.3	48.2	286	0.267	0.0	1.0	0.0	0.131	1.0	34.7	14.0	−45.9	48.1	286	0.267	0.0	1.0
319	287	287	0.283	0.0	1.0	31.8	40.8	−35.0	53.8	319	0.0	0.13	1.0	34.7	14.1	−45.9	48.1	287	0.283	0.0	1.0	0.0	0.121	1.0	34.5	14.7	−45.7	48.1	287	0.283	0.0	1.0
320	288	288	0.3	0.0	1.0	32.1	41.7	−34.5	54.1	320	0.0	0.12	1.0	34.5	14.9	−45.7	48.1	288	0.3	0.0	1.0	0.0	0.111	1.0	34.3	15.5	−45.6	48.2	288	0.3	0.0	1.0
321	289	289	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321	0.0	0.109	1.0	34.3	15.7	−45.5	48.3	289	0.317	0.0	1.0	0.0	0.102	1.0	34.1	16.3	−45.4	48.4	289	0.317	0.0	1.0
322	290	290	0.333	0.0	1.0	32.7	43.4	−33.5	54.9	322	0.0	0.099	1.0	34.0	16.6	−45.4	48.4	290	0.333	0.0	1.0	0.0	0.092	1.0	33.9	17.2	−45.3	48.5	290	0.333	0.0	1.0
323	291	291	0.35	0.0	1.0	33.0	44.3	−32.9	55.2	323	0.0	0.089	1.0	33.8	17.4	−45.3	48.6	291	0.35	0.0	1.0	0.0	0.082	1.0	33.7	18.0	−45.1	48.7	291	0.35	0.0	1.0
324	292	292	0.366	0.0	1.0	33.3	45.2	−32.4	55.6	324	0.0	0.078	1.0	33.6	18.3	−45.1	48.7	292	0.367	0.0	1.0	0.0	0.072	1.0	33.4	18.8	−45.0	48.8	292	0.367	0.0	1.0
325	293	293	0.383	0.0	1.0	33.6	45.9	−31.9	55.9	325	0.0	0.068	1.0	33.3	19.1	−44.9	48.9	293	0.383	0.0	1.0	0.0	0.063	1.0	33.2	19.6	−44.8	49.0	293	0.383	0.0	1.0
325	294	294	0.4	0.0	1.0	33.9	46.5	−31.5	56.2	325	0.0	0.058	1.0	33.1	19.9	−44.7	49.0	294	0.4	0.0	1.0	0.0	0.053	1.0	33.0	20.4	−44.6	49.1	294	0.4	0.0	1.0
326	295	295	0.416	0.0	1.0	34.2	47.1	−31.1	56.4	326	0.0	0.048	1.0	32.9	20.8	−44.5	49.2	295	0.417	0.0	1.0	0.0	0.043	1.0	32.8	21.2	−44.4	49.3	295	0.417	0.0	1.0
327	296	296	0.433	0.0	1.0	34.6	47.7	−30.7	56.7	327	0.0	0.037	1.0	32.7	21.6	−44.3	49.3	296	0.433	0.0	1.0	0.0	0.033	1.0	32.6	22.0	−44.2	49.4	296	0.433	0.0	1.0
327	297	297	0.45	0.0	1.0	34.9	48.2	−30.3	57.0	327	0.0	0.027	1.0	32.4	22.5	−44.0	49.5	297	0.45	0.0	1.0	0.0	0.024	1.0	32.4	22.7	−43.9	49.6	297	0.45	0.0	1.0
328	298	298	0.466	0.0	1.0	35.2	48.8	−29.8	57.2	328	0.0	0.017	1.0	32.2	23.3	−43.7	49.7	298	0.467	0.0	1.0	0.0	0.014	1.0	32.1	23.5	−43.7	49.7	298	0.467	0.0	1.0
329	299	299	0.483	0.0	1.0	35.6	49.4	−29.4	57.5	329	0.0	0.006	1.0	32.0	24.1	−43.5	49.8	299	0.483	0.0	1.0	0.0	0.004	1.0	31.9	24.3	−43.4	49.8	299	0.483	0.0	1.0
329	300	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329	0.006	0.0	1.0	31.8	25.0	−43.2	50.0	300	0.5	0.0	1.0	0.009	0.0	1.0	31.8	25.1	−43.1	50.0	300	0.5	0.0	1.0



TUB-test chart RE63; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

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

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*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi		
329	300	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329	0.006	0.0	1.0	31.8	25.0	−43.2	50.0	300	0.5	0.0	1.0	0.009	0.0	1.0	31.8	25.1	−43.1	50.0	300	0.5	0.0	1.0
330	301	301	0.516	0.0	1.0	36.3	50.7	−28.4	58.1	330	0.021	0.0	1.0	31.7	25.8	−42.9	50.2	301	0.517	0.0	1.0	0.023	0.0	1.0	31.7	25.9	−42.9	50.2	301	0.517	0.0	1.0
331	302	302	0.533	0.0	1.0	36.6	51.4	−27.8	58.5	331	0.036	0.0	1.0	31.7	26.7	−42.6	50.3	302	0.533	0.0	1.0	0.038	0.0	1.0	31.7	26.7	−42.6	50.4	302	0.533	0.0	1.0
332	303	303	0.55	0.0	1.0	37.0	52.2	−27.3	58.9	332	0.052	0.0	1.0	31.6	27.5	−42.3	50.5	303	0.55	0.0	1.0	0.052	0.0	1.0	31.6	27.5	−42.3	50.5	303	0.55	0.0	1.0
333	304	303	0.566	0.0	1.0	37.4	52.9	−26.7	59.3	333	0.067	0.0	1.0	31.5	28.4	−42.0	50.7	304	0.567	0.0	1.0	0.067	0.0	1.0	31.5	28.3	−42.0	50.7	303	0.567	0.0	1.0
334	305	304	0.583	0.0	1.0	37.8	53.6	−26.1	59.6	334	0.082	0.0	1.0	31.5	29.2	−41.6	50.9	305	0.583	0.0	1.0	0.081	0.0	1.0	31.5	29.1	−41.6	50.9	304	0.583	0.0	1.0
334	306	305	0.6	0.0	1.0	38.1	54.3	−25.5	60.0	334	0.098	0.0	1.0	31.4	30.0	−41.2	51.1	306	0.6	0.0	1.0	0.096	0.0	1.0	31.4	29.9	−41.3	51.1	305	0.6	0.0	1.0
335	307	306	0.616	0.0	1.0	38.5	55.0	−24.9	60.4	335	0.113	0.0	1.0	31.3	30.9	−40.9	51.3	307	0.617	0.0	1.0	0.11	0.0	1.0	31.3	30.7	−40.9	51.3	306	0.617	0.0	1.0
336	308	307	0.633	0.0	1.0	38.9	55.7	−24.2	60.8	336	0.128	0.0	1.0	31.3	31.7	−40.5	51.5	308	0.633	0.0	1.0	0.125	0.0	1.0	31.3	31.5	−40.6	51.4	307	0.633	0.0	1.0
337	309	308	0.65	0.0	1.0	39.3	56.4	−23.5	61.1	337	0.141	0.0	1.0	31.3	32.5	−40.0	51.6	309	0.65	0.0	1.0	0.137	0.0	1.0	31.3	32.3	−40.2	51.6	308	0.65	0.0	1.0
338	310	309	0.666	0.0	1.0	39.7	57.0	−22.8	61.4	338	0.154	0.0	1.0	31.3	33.3	−39.6	51.8	310	0.667	0.0	1.0	0.149	0.0	1.0	31.3	33.0	−39.8	51.8	309	0.667	0.0	1.0
339	311	310	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339	0.167	0.0	1.0	31.3	34.1	−39.1	52.0	311	0.683	0.0	1.0	0.162	0.0	1.0	31.3	33.8	−39.3	51.9	310	0.683	0.0	1.0
339	312	311	0.7	0.0	1.0	40.5	58.3	−21.4	62.1	339	0.18	0.0	1.0	31.3	34.9	−38.7	52.2	312	0.7	0.0	1.0	0.174	0.0	1.0	31.3	34.6	−38.9	52.1	311	0.7	0.0	1.0
340	313	312	0.716	0.0	1.0	40.9	58.9	−20.6	62.4	340	0.193	0.0	1.0	31.3	35.7	−38.2	52.3	313	0.717	0.0	1.0	0.186	0.0	1.0	31.3	35.3	−38.4	52.3	312	0.717	0.0	1.0
341	314	313	0.733	0.0	1.0	41.3	59.5	−19.9	62.8	341	0.206	0.0	1.0	31.3	36.5	−37.7	52.5	314	0.733	0.0	1.0	0.199	0.0	1.0	31.3	36.1	−38.0	52.4	313	0.733	0.0	1.0
342	315	314	0.75	0.0	1.0	41.7	60.2	−19.1	63.1	342	0.219	0.0	1.0	31.3	37.3	−37.2	52.7	315	0.75	0.0	1.0	0.211	0.0	1.0	31.3	36.8	−37.5	52.6	314	0.75	0.0	1.0
342	316	315	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342	0.232	0.0	1.0	31.3	38.0	−36.6	52.9	316	0.767	0.0	1.0	0.223	0.0	1.0	31.3	37.5	−37.0	52.8	315	0.767	0.0	1.0
343	317	316	0.783	0.0	1.0	42.4	61.4	−18.3	64.1	343	0.245	0.0	1.0	31.3	38.8	−36.1	53.1	317	0.783	0.0	1.0	0.236	0.0	1.0	31.3	38.3	−36.5	52.9	316	0.783	0.0	1.0
343	318	317	0.8	0.0	1.0	42.8	62.0	−17.9	64.6	343	0.26	0.0	1.0	31.4	39.6	−35.6	53.3	318	0.8	0.0	1.0	0.248	0.0	1.0	31.3	39.0	−35.9	53.1	317	0.8	0.0	1.0
344	319	318	0.816	0.0	1.0	43.2	62.7	−17.5	65.1	344	0.277	0.0	1.0	31.7	40.5	−35.1	53.7	319	0.817	0.0	1.0	0.263	0.0	1.0	31.5	39.8	−35.5	53.4	318	0.817	0.0	1.0
344	320	319	0.833	0.0	1.0	43.5	63.3	−17.1	65.6	344	0.294	0.0	1.0	32.0	41.4	−34.6	54.1	320	0.833	0.0	1.0	0.279	0.0	1.0	31.8	40.6	−35.1	53.7	319	0.833	0.0	1.0
345	321	320	0.85	0.0	1.0	43.9	63.9	−16.7	66.0	345	0.31	0.0	1.0	32.3	42.3	−34.1	54.4	321	0.85	0.0	1.0	0.295	0.0	1.0	32.1	41.5	−34.6	54.1	320	0.85	0.0	1.0
345	322	321	0.866	0.0	1.0	44.2	64.5	−16.2	66.5	345	0.327	0.0	1.0	32.6	43.2	−33.6	54.8	322	0.867	0.0	1.0	0.311	0.0	1.0	32.3	42.3	−34.1	54.4	321	0.867	0.0	1.0
346	323	321	0.883	0.0	1.0	44.6	65.2	−15.7	67.1	346	0.344	0.0	1.0	32.9	44.0	−33.1	55.1	323	0.883	0.0	1.0	0.327	0.0	1.0	32.6	43.1	−33.6	54.8	321	0.883	0.0	1.0
347	324	322	0.9	0.0	1.0	45.1	66.0	−15.0	67.7	347	0.361	0.0	1.0	33.2	44.9	−32.5	55.5	324	0.9	0.0	1.0	0.343	0.0	1.0	32.9	44.0	−33.1	55.1	322	0.9	0.0	1.0
347	325	323	0.916	0.0	1.0	45.5	66.7	−14.4	68.2	347	0.378	0.0	1.0	33.5	45.8	−31.9	55.9	325	0.917	0.0	1.0	0.358	0.0	1.0	33.2	44.8	−32.6	55.4	323	0.917	0.0	1.0
348	326	324	0.933	0.0	1.0	45.9	67.4	−13.7	68.8	348	0.403	0.0	1.0	34.0	46.6	−31.4	56.3	326	0.933	0.0	1.0	0.374	0.0	1.0	33.4	45.6	−32.0	55.8	324	0.933	0.0	1.0
349	327	325	0.95	0.0	1.0	46.4	68.2	−13.0	69.4	349	0.428	0.0	1.0	34.5	47.5	−30.8	56.7	327	0.95	0.0	1.0	0.397	0.0	1.0	33.9	46.4	−31.5	56.2	325	0.95	0.0	1.0
349	328	326	0.966	0.0	1.0	46.8	68.9	−12.3	70.0	349	0.453	0.0	1.0	35.0	48.4	−30.1	57.1	328	0.967	0.0	1.0	0.421	0.0	1.0	34.4	47.3	−30.9	56.5	326	0.967	0.0	1.0
350	329	327	0.983	0.0	1.0	47.2	69.6	−11.6	70.6	350	0.477	0.0	1.0	35.5	49.2	−29.5	57.5	329	0.983	0.0	1.0	0.444	0.0	1.0	34.8	48.1	−30.3	56.9	327	0.983	0.0	1.0
351	330	328	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351	M_d	0.502	0.0	1.0	36.0	50.1	−28.8	57.9	330	M_s	1.0	0.0	1.0	0.468	0.0	1.0	35.3	48.9	−29.7	57.3	328	M_e	1.0	0.0	1.0
351	331	329	1.0	0.0	0.983	47.6	70.3	−10.7	71.1	351	0.522	0.0	1.0	36.4	51.0	−28.2	58.3	331	1.0	0.0	0.983	0.491	0.0	1.0	35.8	49.7	−29.1	57.7	329	1.0	0.0	0.983
351	332	330	1.0	0.0	0.966	47.5	70.3	−10.4	71.0	351	0.542	0.0	1.0	36.9	51.9	−27.5	58.8	332	1.0	0.0	0.967	0.512	0.0	1.0	36.2	50.6	−28.5	58.1	330	1.0	0.0	0.967
351	333	331	1.0	0.0	0.95	47.5	70.2	−10.2	71.0	351	0.563	0.0	1.0	37.4	52.8	−26.8	59.2	333	1.0	0.0	0.95	0.531	0.0	1.0	36.7	51.4	−27.9	58.5	331	1.0	0.0	0.95
351	334	332	1.0	0.0	0.933	47.4	70.2	−10.0	70.9	351	0.583	0.0	1.0	37.8	53.6	−26.1	59.7	334	1.0	0.0	0.933	0.55	0.0	1.0	37.1	52.2	−27.2	59.0	332	1.0	0.0	0.933
352	335	333	1.0	0.0	0.916	47.3	70.1	−9.8	70.8	352	0.603	0.0	1.0	38.3	54.5	−25.3	60.1	335	1.0	0.0	0.917	0.57	0.0	1.0	37.5	53.1	−26.5	59.4	333	1.0	0.0	0.917
352	336	334	1.0	0.0	0.9	47.2	70.0	−9.5	70.7	352	0.623	0.0	1.0	38.7	55.4	−24.6	60.6	336	1.0	0.0	0.9	0.589	0.0	1.0	37.9	53.9	−25.8	59.8	334	1.0	0.0	0.9
352	337	335	1.0	0.0	0.883	47.2	70.0	−9.3	70.6	352	0.643	0.0	1.0	39.2	56.2	−23.7	61.0	337	1.0	0.0	0.883	0.608	0.0	1.0	38.4	54.7	−25.1	60.3	335	1.0	0.0	0.883
352	338	336	1.0	0.0	0.866	47.1	69.8	−8.8	70.4	352	0.663	0.0	1.0	39.7	56.9	−22.9	61.4	338	1.0	0.0	0.867	0.627	0.0	1.0	38.8	55.5	−24.4	60.7	336	1.0	0.0	0.867
353	339	337	1.0	0.0	0.85	46.9	69.6	−7.9	70.0	353	0.683	0.0	1.0	40.2	57.7	−22.1	61.8	339	1.0	0.0	0.85	0.646	0.0	1.0	39.3	56.3	−23.6	61.1	337	1.0	0.0	0.85
354	340	338	1.0	0.0	0.833	46.8	69.3	−7.1	69.6	354	0.703	0.0	1.0	40.6	58.5	−21.2	62.2	340	1.0	0.0	0.833	0.665	0.0	1.0	39.7	57.0	−22.8	61.4	338	1.0	0.0	0.833
354	341	339	1.0	0.0	0.816	46.7	69.0	−6.3	69.3	354	0.723	0.0	1.0	41.1	59.2	−20.3	62.6	341	1.0	0.0	0.817	0.684	0.0	1.0	40.2	57.7	−22.0	61.8	339	1.0	0.0	0.817
355	342	339	1.0	0.0	0.8	46.6	68.7	−5.5	68.9	355	0.743	0.0	1.0	41.6	59.9	−19.4	63.0	342	1.0	0.0	0.8	0.703	0.0	1.0	40.6	58.5	−21.2	62.2	339	1.0	0.0	0.8
356	343	340	1.0	0.0	0.783	46.4	68.3	−4.6	68.5	356	0.771	0.0	1.0	42.2	61.0	−18.6	63.8	343	1.0	0.0	0.783	0.721	0.0	1.0	41.1	59.2	−20.4	62.6	340	1.0	0.0	0.783
356	344	341	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356	0.805	0.0	1.0	42.9	62.3	−17.8	64.8	344	1.0	0.0	0.767	0.74	0.0	1.0	41.5	59.9	−19.5	63.0	341	1.0	0.0	0.767
357	345	342	1.0	0.0	0.75	46.2	67.7	−3.0	67.7	357	0.838	0.0	1.0	43.7	63.5	−16.9	65.7	345	1.0	0.0	0.75	0.765	0.0	1.0	42.1	60.8	−18.7	63.6	342	1.0	0.0	0.75

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

RE630−72 1−1031530−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 16/33

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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
357	345	342	1.0	0.0	0.75	46.2	67.7	−3.0	67.7	357	0.838	0.0	1.0	43.7	63.5	−16.9	65.7	345	1.0	0.0	0.75	0.765	0.0	1.0	42.1	60.8	−18.7	63.6	342	1.0	0.0	0.75	
358	346	343	1.0	0.0	0.733	46.2	67.4	−2.0	67.4	358	0.871	0.0	1.0	44.4	64.7	−16.0	66.7	346	1.0	0.0	0.733	0.797	0.0	1.0	42.8	62.0	−17.9	64.5	343	1.0	0.0	0.733	
359	347	344	1.0	0.0	0.716	46.2	67.0	−0.9	67.0	359	0.897	0.0	1.0	45.0	65.9	−15.1	67.6	347	1.0	0.0	0.717	0.829	0.0	1.0	43.5	63.2	−17.2	65.5	344	1.0	0.0	0.717	
360	348	345	1.0	0.0	0.7	46.2	66.7	0.1	66.7	360	0.922	0.0	1.0	45.7	67.0	−14.1	68.5	348	1.0	0.0	0.7	0.86	0.0	1.0	44.1	64.3	−16.3	66.4	345	1.0	0.0	0.7	
361	349	346	1.0	0.0	0.683	46.2	66.3	1.1	66.3	361	0.946	0.0	1.0	46.3	68.1	−13.1	69.3	349	1.0	0.0	0.683	0.887	0.0	1.0	44.8	65.4	−15.5	67.3	346	1.0	0.0	0.683	
361	350	347	1.0	0.0	0.666	46.2	66.0	2.1	66.0	361	0.971	0.0	1.0	47.0	69.2	−12.1	70.2	350	1.0	0.0	0.667	0.911	0.0	1.0	45.4	66.5	−14.6	68.1	347	1.0	0.0	0.667	
362	351	348	1.0	0.0	0.65	46.2	65.6	3.2	65.6	362	0.996	0.0	1.0	47.6	70.2	−11.0	71.1	351	1.0	0.0	0.65	0.934	0.0	1.0	46.0	67.5	−13.6	68.9	348	1.0	0.0	0.65	
363	352	349	1.0	0.0	0.633	46.2	65.2	4.2	65.3	363	1.0	0.0	0.92	47.4	70.2	−9.8	70.9	352	1.0	0.0	0.633	0.958	0.0	1.0	46.6	68.6	−12.7	69.7	349	1.0	0.0	0.633	
364	353	350	1.0	0.0	0.616	46.2	64.8	5.2	65.0	364	1.0	0.0	0.861	47.1	69.8	−8.5	70.3	353	1.0	0.0	0.617	0.981	0.0	1.0	47.2	69.6	−11.7	70.6	350	1.0	0.0	0.617	
365	354	351	1.0	0.0	0.6	46.1	64.5	6.2	64.8	365	1.0	0.0	0.836	46.9	69.4	−7.2	69.7	354	1.0	0.0	0.6	1.0	0.0	0.982	47.6	70.4	−10.6	71.2	351	1.0	0.0	0.6	
366	355	352	1.0	0.0	0.583	46.1	64.2	7.2	64.6	366	1.0	0.0	0.811	46.7	68.9	−5.9	69.2	355	1.0	0.0	0.583	1.0	0.0	0.891	47.3	70.1	−9.4	70.7	352	1.0	0.0	0.583	
367	356	353	1.0	0.0	0.566	46.0	63.8	8.2	64.4	367	1.0	0.0	0.785	46.5	68.4	−4.7	68.6	356	1.0	0.0	0.567	1.0	0.0	0.855	47.0	69.7	−8.1	70.2	353	1.0	0.0	0.567	
368	357	354	1.0	0.0	0.55	46.0	63.5	9.2	64.1	368	1.0	0.0	0.76	46.3	67.9	−3.5	68.0	357	1.0	0.0	0.55	1.0	0.0	0.831	46.8	69.3	−6.9	69.6	354	1.0	0.0	0.55	
369	358	355	1.0	0.0	0.533	45.9	63.1	10.2	63.9	369	1.0	0.0	0.739	46.2	67.5	−2.3	67.6	358	1.0	0.0	0.533	1.0	0.0	0.807	46.7	68.8	−5.7	69.1	355	1.0	0.0	0.533	
370	359	356	1.0	0.0	0.516	45.9	62.7	11.2	63.7	370	1.0	0.0	0.72	46.2	67.2	−1.1	67.2	359	1.0	0.0	0.517	1.0	0.0	0.783	46.5	68.4	−4.6	68.5	356	1.0	0.0	0.517	
371	360	352	1.0	0.0	0.5	45.8	62.3	12.1	63.5	371	1.0	0.0	0.702	46.2	66.8	0.0	66.8	360	1.0	0.0	0.5	1.0	0.0	0.914	47.4	70.1	−9.7	70.8	352	1.0	0.0	0.5	
371	361	353	1.0	0.0	0.483	45.8	62.1	13.1	63.5	371	1.0	0.0	0.683	46.2	66.4	1.2	66.4	361	1.0	0.0	0.483	1.0	0.0	0.857	47.0	69.7	−8.2	70.2	353	1.0	0.0	0.483	
372	362	354	1.0	0.0	0.466	45.9	61.8	14.1	63.4	372	1.0	0.0	0.665	46.3	66.0	2.3	66.0	362	1.0	0.0	0.467	1.0	0.0	0.829	46.8	69.2	−6.8	69.6	354	1.0	0.0	0.467	
373	363	355	1.0	0.0	0.45	45.9	61.6	15.1	63.4	373	1.0	0.0	0.647	46.3	65.5	3.4	65.6	363	1.0	0.0	0.45	1.0	0.0	0.8	46.6	68.7	−5.4	68.9	355	1.0	0.0	0.45	
374	364	356	1.0	0.0	0.433	45.9	61.3	16.1	63.4	374	1.0	0.0	0.628	46.3	65.1	4.6	65.2	364	1.0	0.0	0.433	1.0	0.0	0.772	46.4	68.2	−4.0	68.3	356	1.0	0.0	0.433	
375	365	357	1.0	0.0	0.416	45.9	61.0	17.1	63.3	375	1.0	0.0	0.61	46.2	64.7	5.7	65.0	365	1.0	0.0	0.417	1.0	0.0	0.745	46.2	67.6	−2.7	67.7	357	1.0	0.0	0.417	
376	366	358	1.0	0.0	0.4	45.9	60.7	18.1	63.3	376	1.0	0.0	0.592	46.2	64.4	6.8	64.7	366	1.0	0.0	0.4	1.0	0.0	0.725	46.2	67.3	−1.4	67.3	358	1.0	0.0	0.4	
377	367	359	1.0	0.0	0.383	45.9	60.3	19.1	63.3	377	1.0	0.0	0.573	46.1	64.0	7.9	64.5	367	1.0	0.0	0.383	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359	1.0	0.0	0.383	
378	368	360	1.0	0.0	0.366	45.9	60.1	20.1	63.4	378	1.0	0.0	0.555	46.1	63.6	8.9	64.3	368	1.0	0.0	0.367	1.0	0.0	0.684	46.2	66.4	1.1	66.4	360	1.0	0.0	0.367	
379	369	362	1.0	0.0	0.35	46.0	60.0	21.2	63.7	379	1.0	0.0	0.537	46.0	63.2	10.0	64.0	369	1.0	0.0	0.35	1.0	0.0	0.663	46.3	65.9	2.4	66.0	362	1.0	0.0	0.35	
380	370	363	1.0	0.0	0.333	46.0	59.9	22.3	64.0	380	1.0	0.0	0.519	45.9	62.8	11.1	63.8	370	1.0	0.0	0.333	1.0	0.0	0.643	46.3	65.4	3.7	65.5	363	1.0	0.0	0.333	
381	371	364	1.0	0.0	0.316	46.0	59.8	23.4	64.3	381	1.0	0.0	0.501	45.9	62.4	12.1	63.6	371	1.0	0.0	0.317	1.0	0.0	0.622	46.3	65.0	4.9	65.1	364	1.0	0.0	0.317	
382	372	365	1.0	0.0	0.3	46.1	59.7	24.5	64.6	382	1.0	0.0	0.483	45.9	62.1	13.2	63.5	372	1.0	0.0	0.3	1.0	0.0	0.602	46.2	64.6	6.1	64.9	365	1.0	0.0	0.3	
383	373	366	1.0	0.0	0.283	46.1	59.5	25.7	64.8	383	1.0	0.0	0.465	45.9	61.9	14.3	63.5	373	1.0	0.0	0.283	1.0	0.0	0.582	46.1	64.2	7.4	64.6	366	1.0	0.0	0.283	
384	374	367	1.0	0.0	0.266	46.2	59.4	26.8	65.1	384	1.0	0.0	0.447	45.9	61.6	15.3	63.4	374	1.0	0.0	0.267	1.0	0.0	0.562	46.1	63.8	8.6	64.3	367	1.0	0.0	0.267	
385	375	368	1.0	0.0	0.25	46.2	59.2	27.9	65.4	385	1.0	0.0	0.429	45.9	61.3	16.4	63.4	375	1.0	0.0	0.25	1.0	0.0	0.541	46.0	63.3	9.8	64.1	368	1.0	0.0	0.25	
385	376	369	1.0	0.0	0.233	46.3	59.2	28.8	65.9	385	1.0	0.0	0.412	45.9	60.9	17.5	63.4	376	1.0	0.0	0.233	1.0	0.0	0.521	46.0	62.9	11.0	63.8	369	1.0	0.0	0.233	
386	377	370	1.0	0.0	0.216	46.3	59.3	29.7	66.3	386	1.0	0.0	0.394	46.0	60.6	18.5	63.3	377	1.0	0.0	0.217	1.0	0.0	0.501	45.9	62.4	12.1	63.6	370	1.0	0.0	0.217	
387	378	372	1.0	0.0	0.2	46.4	59.3	30.6	66.8	387	1.0	0.0	0.376	46.0	60.2	19.6	63.3	378	1.0	0.0	0.2	1.0	0.0	0.481	45.9	62.1	13.3	63.5	372	1.0	0.0	0.2	
388	379	373	1.0	0.0	0.183	46.4	59.3	31.6	67.2	388	1.0	0.0	0.359	46.0	60.1	20.7	63.6	379	1.0	0.0	0.183	1.0	0.0	0.461	45.9	61.8	14.5	63.5	373	1.0	0.0	0.183	
388	380	374	1.0	0.0	0.166	46.5	59.3	32.5	67.7	388	1.0	0.0	0.341	46.0	60.0	21.9	63.9	380	1.0	0.0	0.167	1.0	0.0	0.441	45.9	61.5	15.7	63.4	374	1.0	0.0	0.167	
389	381	375	1.0	0.0	0.15	46.5	59.3	33.4	68.1	389	1.0	0.0	0.324	46.1	59.9	23.0	64.2	381	1.0	0.0	0.15	1.0	0.0	0.421	45.9	61.1	16.9	63.4	375	1.0	0.0	0.15	
390	382	376	1.0	0.0	0.133	46.6	59.3	34.4	68.6	390	1.0	0.0	0.307	46.1	59.8	24.2	64.5	382	1.0	0.0	0.133	1.0	0.0	0.402	45.9	60.7	18.1	63.4	376	1.0	0.0	0.133	
390	383	377	1.0	0.0	0.116	46.6	59.4	35.2	69.0	390	1.0	0.0	0.289	46.2	59.6	25.3	64.8	383	1.0	0.0	0.117	1.0	0.0	0.382	46.0	60.3	19.2	63.3	377	1.0	0.0	0.117	
391	384	378	1.0	0.0	0.1	46.7	59.4	35.8	69.4	391	1.0	0.0	0.272	46.2	59.5	26.5	65.1	384	1.0	0.0	0.1	1.0	0.0	0.362	46.0	60.1	20.5	63.5	378	1.0	0.0	0.1	
391	385	379	1.0	0.0	0.083	46.7	59.5	36.5	69.8	391	1.0	0.0	0.255	46.2	59.3	27.6	65.4	385	1.0	0.0	0.083	1.0	0.0	0.343	46.0	60.0	21.7	63.9	379	1.0	0.0	0.083	
391	386	381	1.0	0.0	0.066	46.8	59.6	37.2	70.2	391	1.0	0.0	0.232	46.3	59.3	28.9	65.9	386	1.0	0.0	0.067	1.0	0.0	0.324	46.1	59.9	23.0	64.2	381	1.0	0.0	0.067	
392	387	382	1.0	0.0	0.049	46.8	59.6	37.8	70.6	392	1.0	0.0	0.208	46.4	59.3	30.2	66.6	387	1.0	0.0	0.05	1.0	0.0	0.304	46.1	59.8	24.3	64.5	382	1.0	0.0	0.05	
392	388	383	1.0	0.0	0.033	46.9	59.7	38.5	71.1	392	1.0	0.0	0.184	46.5	59.4	31.6	67.3	388	1.0	0.0	0.033	1.0	0.0	0.285	46.2	59.6	25.6	64.9	383	1.0	0.0	0.033	
393	389	384	1.0	0.0	0.016	46.9	59.7	39.2	71.5	393	1.0	0.0	0.16	46.5	59.4	32.9	67.9	389	1.0	0.0	0.017	1.0	0.0	0.266	46.2	59.4	26.9	65.2	384	1.0	0.0	0.017	
393	390	385	1.0	0.0	0.0	46.9	59.8	39.9	71.9	393	R_d	1.0	0.0	0.136	46.6	59.4	34.3	68.6	390	R_s	1.0	0.0	0.0	1.0	0.0	0.245	46.3	59.2	28.2	65.6	385	R_e	1.0	0.0	0.0	

n/j	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$				*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$				*DE'*$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$			
0/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	46.9	60.2	38.3	71.4	32.5	1.6	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
1/657	R13Y_100_100$_{dd}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	52.4	54.9	53.4	76.6	44.2	1.0	0.116	0.0	52.6	54.6	53.6	76.5	44.4	0.3	36	1.0	0.116	0.0	52.4	54.9	53.4	76.6	44.2
2/666	R25Y_100_100$_{dd}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7	1.0	0.233	0.0	60.3	39.1	61.2	72.7	57.4	2.5	42	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
3/675	R38Y_100_100$_{dd}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	66.2	28.2	67.5	73.1	67.3	1.0	0.367	0.0	66.5	27.3	67.1	72.4	67.8	0.9	51	1.0	0.366	0.0	66.2	28.2	67.5	73.1	67.3
4/684	R50Y_100_100$_{dd}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7	1.0	0.5	0.0	72.6	16.1	72.7	74.5	77.4	1.0	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
5/693	R63Y_100_100$_{dd}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	76.4	9.6	76.9	77.5	82.8	1.0	0.632	0.0	77.0	8.5	77.0	77.5	83.6	1.2	68	1.0	0.633	0.0	76.4	9.6	76.9	77.5	82.8
6/702	R75Y_100_100$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3	0.99	0.76	0.007	83.8	−2.7	78.1	78.2	91.9	1.1	77	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
7/711	R88Y_100_100$_{dd}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	87.2	−7.4	74.5	74.9	95.7	0.995	0.878	0.004	87.2	−7.4	73.5	73.9	95.8	1.0	83	1.0	0.883	0.0	87.2	−7.4	74.5	74.9	95.7
8/720	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	1.0	1.0	0.0	91.3	−14.5	82.8	84.1	99.9	1.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
9/639	Y13G_100_100$_{dd}$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	92.8	−17.3	92.3	93.9	100.6	0.884	1.0	0.0	92.6	−17.1	91.4	92.9	100.6	1.0	96	0.883	1.0	0.0	92.8	−17.3	92.3	93.9	100.6
10/558	Y25G_100_100$_{dd}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5	0.766	1.0	0.0	90.7	−20.3	90.6	92.9	102.6	2.2	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
11/477	Y38G_100_100$_{dd}$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	81.8	−29.6	76.5	82.0	111.1	0.632	1.0	0.0	81.8	−29.3	76.0	81.5	111.1	0.4	111	0.633	1.0	0.0	81.8	−29.6	76.5	82.0	111.1
12/396	Y50G_100_100$_{dd}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4	0.501	0.999	0.0	74.9	−36.8	65.6	75.3	119.2	1.7	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
13/315	Y63G_100_100$_{dd}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	68.9	−44.7	56.4	72.0	128.4	0.367	1.0	0.0	70.0	−42.7	57.2	71.4	126.7	2.4	128	0.366	1.0	0.0	68.9	−44.7	56.4	72.0	128.4
14/234	Y75G_100_100$_{dd}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3	0.235	1.0	0.0	61.8	−54.1	45.5	70.8	139.9	2.0	137	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
15/153	Y88G_100_100$_{dd}$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	57.9	−60.2	36.5	70.4	148.7	0.114	0.871	0.024	58.0	−60.2	36.5	70.5	148.7	0.1	143	0.116	1.0	0.0	57.9	−60.2	36.5	70.4	148.7
16/72	G00C_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	1.0	0.0	55.1	−64.7	31.5	72.0	153.9	0.8	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
17/73	G13C_100_100$_{dd}$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.116	54.6	−63.6	22.9	67.6	160.1	0.045	0.863	0.142	55.1	−62.3	22.4	66.3	160.2	1.4	156	0.0	1.0	0.116	54.6	−63.6	22.9	67.6	160.1
18/74	G25C_100_100$_{dd}$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6	0.038	0.917	0.246	54.9	−58.8	11.7	60.0	168.7	2.9	162	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6
19/75	G38C_100_100$_{dd}$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.366	55.4	−55.9	5.0	56.1	174.8	0.046	0.863	0.34	55.2	−55.2	2.3	55.3	177.5	2.7	171	0.0	1.0	0.366	55.4	−55.9	5.0	56.1	174.8
20/76	G50C_100_100$_{dd}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1	0.0	1.0	0.5	57.0	−49.0	−6.1	49.4	187.1	2.1	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
21/77	G63C_100_100$_{dd}$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.633	57.0	−44.8	−13.7	46.8	197.0	0.051	0.868	0.559	57.7	−43.2	−14.3	45.5	198.4	1.8	188	0.0	1.0	0.633	57.0	−44.8	−13.7	46.8	197.0
22/78	G75C_100_100$_{dd}$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6	0.048	0.871	0.673	57.0	−39.9	−22.4	45.8	209.3	1.4	197	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6
23/79	G88C_100_100$_{dd}$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.883	55.6	−37.5	−29.8	47.9	218.4	0.041	0.874	0.791	55.2	−36.6	−31.9	48.6	221.1	2.3	203	0.0	1.0	0.883	55.6	−37.5	−29.8	47.9	218.4
24/80	C00B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	0.0	0.999	0.999	53.3	−32.0	−40.6	51.7	231.7	0.9	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
25/71	C13B_100_100$_{dd}$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	52.5	−31.2	−43.1	53.3	234.0	0.0	0.874	0.995	52.7	−28.9	−44.0	52.7	236.6	2.4	216	0.0	0.883	1.0	52.5	−31.2	−43.1	53.3	234.0
26/62	C25B_100_100$_{dd}$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6	0.0	0.749	0.989	52.9	−25.3	−47.7	54.0	242.0	2.3	222	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6
27/53	C38B_100_100$_{dd}$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	50.1	−20.6	−49.9	54.0	247.5	0.0	0.632	1.0	50.3	−19.9	−49.8	53.7	248.2	0.7	231	0.0	0.633	1.0	50.1	−20.6	−49.9	54.0	247.5
28/44	C50B_100_100$_{dd}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4	0.0	0.5	1.0	46.1	−12.9	−50.0	51.6	255.4	0.5	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
29/35	C63B_100_100$_{dd}$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	41.3	−4.9	−49.5	49.8	264.3	0.0	0.346	0.874	40.9	−4.7	−49.3	49.5	264.4	0.4	248	0.0	0.366	1.0	41.3	−4.9	−49.5	49.8	264.3
30/26	C75B_100_100$_{dd}$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5	0.007	0.249	0.874	35.3	5.2	−49.5	49.8	276.1	0.7	257	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5
31/17	C88B_100_100$_{dd}$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	34.4	15.1	−45.7	48.1	288.2	0.014	0.147	0.868	34.9	15.7	−45.0	47.7	289.2	1.0	263	0.0	0.116	1.0	34.4	15.1	−45.7	48.1	288.2
32/8	B00M_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	0.0	0.0	1.0	32.9	23.7	−43.2	49.3	298.7	1.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
33/89	B13M_100_100$_{dd}$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	31.3	31.0	−40.8	51.3	307.2	0.115	0.0	1.0	31.6	31.6	−40.4	51.3	308.0	0.7	276	0.116	0.0	1.0	31.3	31.0	−40.8	51.3	307.2
34/170	B25M_100_100$_{dd}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1	0.235	0.0	1.0	31.6	39.4	−35.5	53.1	317.9	1.7	282	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1
35/251	B38M_100_100$_{dd}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	33.3	45.2	−32.4	55.6	324.3	0.368	0.0	1.0	33.9	46.4	−32.4	56.6	325.0	1.3	291	0.366	0.0	1.0	33.3	45.2	−32.4	55.6	324.3
36/332	B50M_100_100$_{dd}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9	0.501	0.0	0.999	36.0	51.4	−28.6	58.9	330.9	1.4	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
37/413	B63M_100_100$_{dd}$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	38.9	55.7	−24.2	60.8	336.4	0.632	0.0	1.0	38.8	56.6	−24.1	61.5	336.9	0.8	308	0.633	0.0	1.0	38.9	55.7	−24.2	60.8	336.4
38/494	B75M_100_100$_{dd}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8	0.764	0.0	1.0	42.2	60.8	−20.0	64.0	341.7	1.3	317	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8
39/575	B88M_100_100$_{dd}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	44.6	65.2	−15.7	67.1	346.4	0.882	0.0	1.0	44.3	66.2	−16.0	68.1	346.4	1.0	323	0.883	0.0	1.0	44.6	65.2	−15.7	67.1	346.4
40/656	M00R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	1.0	0.0	1.0	47.2	71.4	−11.2	72.3	351.0	1.2	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
41/655	M13R_100_100$_{dd}$	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	47.2	70.0	−9.3	70.6	352.3	0.996	0.007	0.873	46.9	72.1	−9.6	72.7	352.3	2.1	336	1.0	0.0	0.883	47.2	70.0	−9.3	70.6	352.3
42/654	M25R_100_100$_{dd}$	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7	0.999	0.001	0.764	45.9	69.0	−4.1	69.1	356.5	1.0	342	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7
43/653	M38R_100_100$_{dd}$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	46.2	65.2	4.2	65.3	3.7	0.994	0.009	0.628	45.9	66.3	3.8	66.4	363.2	1.2	351	1.0	0.0	0.633	46.2	65.2	4.2	65.3	3.7
44/652	M50R_100_100$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0	1.0	0.0	0.5	45.8	62.9	11.5	63.9	370.4	0.8	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
45/651	M63R_100_100$_{dd}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	45.9	60.1	20.1	63.4	18.5	0.999	0.0	0.368	45.6	61.0	19.7	64.2	377.9	1.0	368	1.0	0.0	0.366	45.9	60.1	20.1	63.4	18.5
46/650	M75R_100_100$_{dd}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9	1.0	0.0	0.234	46.0	60.0	27.6	66.0	384.6	1.4	377	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9
47/649	M88R_100_100$_{dd}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	46.6	59.4	35.2	69.0	30.6	1.0	0.0	0.118	46.8	59.7	33.7	68.6	389.4	1.5	383	1.0	0.0	0.116	46.6	59.4	35.2	69.0	30.6
48/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	46.9	60.2	38.3	71.4	392.5	1.6	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
49/0	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	0.0	0.0	0.0	0.0	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
50/91	NW_013$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	24.8	0.0	−0.3	0.3	283.4	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
51/182	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	36.8	0.0	−1.0	1.0	269.8	1.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
52/273	NW_038$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	46.2	0.2	−0.9	0.9	286.3	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
53/364	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	56.0	0.0	−0.4	0.4	277.3	0.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
54/455	NW_063$_{dd}$	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	0.576	0.565	0.557	66.2	0.0	−0.9	0.9	269.5	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
55/546	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	76.0	0.0	−0.3	0.3	283.3	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
56/637	NW_088$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	85.9	0.0	0.0	0.0	16.0	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
57/728	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 1.3

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

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

1−1031730−F0

n/j	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'*$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
0/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	46.9	60.2	38.3	71.4	32.5	1.6	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
1/666	R25Y_100_100$_{dd}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7	1.0	0.233	0.0	60.3	39.1	61.2	72.7	57.4	2.5	42	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
2/684	R50Y_100_100$_{dd}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7	1.0	0.5	0.0	72.6	16.1	72.7	74.5	77.4	1.0	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
3/702	R75Y_100_100$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3	0.99	0.76	0.007	83.8	−2.7	78.1	78.2	91.9	1.1	77	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
4/720	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	1.0	1.0	0.0	91.3	−14.5	82.8	84.1	99.9	1.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
5/558	Y25G_100_100$_{dd}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5	0.766	1.0	0.0	90.7	−20.3	90.6	92.9	102.6	2.2	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
6/396	Y50G_100_100$_{dd}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4	0.501	0.999	0.0	74.9	−36.8	65.6	75.3	119.2	1.7	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
7/234	Y75G_100_100$_{dd}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3	0.235	1.0	0.0	61.8	−54.1	45.5	70.8	139.9	2.0	137	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
8/72	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	1.0	0.0	55.1	−64.7	31.5	72.0	153.9	0.8	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
9/72	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	1.0	0.0	55.1	−64.7	31.5	72.0	153.9	0.8	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
10/76	G25B_100_100$_{dd}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1	0.0	1.0	0.5	57.0	−49.0	−6.1	49.4	187.1	2.1	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
11/80	G50B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	0.0	0.999	0.999	53.3	−32.0	−40.6	51.7	231.7	0.9	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
12/44	G75B_100_100$_{dd}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4	0.0	0.5	1.0	46.1	−12.9	−50.0	51.6	255.4	0.5	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
13/8	B00M_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	0.0	0.0	1.0	32.9	23.7	−43.2	49.3	298.7	1.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
14/332	B25R_100_100$_{dd}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9	0.501	0.0	0.999	36.0	51.4	−28.6	58.9	330.9	1.4	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
15/656	B50R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	1.0	0.0	1.0	47.2	71.4	−11.2	72.3	351.0	1.2	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
16/652	B75R_100_100$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0	1.0	0.0	0.5	45.8	62.9	11.5	63.9	10.4	0.8	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
17/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	46.9	60.2	38.3	71.4	32.5	1.6	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
18/688	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.6	29.9	19.9	35.9	33.7	1.0	0.466	0.611	71.0	28.5	17.1	33.2	30.9	3.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
19/706	R50Y_100_050$_{dd}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	84.2	8.5	36.4	37.4	76.7	1.0	0.716	0.559	83.7	5.5	31.1	31.6	79.9	6.0	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
20/724	Y00G_100_050$_{dd}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	93.8	−7.2	42.0	42.7	99.7	1.0	0.983	0.581	93.6	−10.5	40.1	41.4	104.7	3.8	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
21/562	Y50G_100_050$_{dd}$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	85.1	−19.0	32.4	37.6	120.4	0.704	0.942	0.508	86.6	−21.4	35.0	41.0	121.4	3.8	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
22/400	G00B_100_050$_{dd}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	75.7	−32.3	16.2	36.2	153.3	0.46	1.0	0.501	75.8	−29.2	13.5	32.1	155.1	4.1	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
23/404	G50B_100_050$_{dd}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	74.6	−16.4	−20.2	26.0	230.7	0.46	0.847	0.844	76.2	−16.5	−20.8	26.5	231.5	1.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
24/368	B00R_100_050$_{dd}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	64.0	12.3	−21.6	24.9	299.6	0.559	0.501	0.839	64.6	11.6	−20.7	23.8	299.2	1.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
25/692	B50R_100_050$_{dd}$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	72.0	35.2	−5.4	35.6	351.1	0.995	0.487	0.869	73.5	32.8	−4.5	33.1	352.1	3.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
26/688	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.6	29.9	19.9	35.9	33.7	1.0	0.466	0.611	71.0	28.5	17.1	33.2	30.9	3.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
27/506	R00Y_075_050$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.6	29.9	19.9	35.9	33.7	0.755	0.205	0.331	53.5	28.1	18.7	33.7	33.7	2.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
28/524	R50Y_075_050$_{dd}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	64.2	8.5	36.4	37.4	76.7	0.751	0.436	0.234	65.1	8.7	34.2	35.3	75.7	2.2	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
29/542	Y00G_075_050$_{dd}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	73.8	−7.2	42.0	42.7	99.7	0.685	0.634	0.252	73.6	−7.6	41.3	42.0	100.4	0.8	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
30/380	Y50G_075_050$_{dd}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	65.1	−19.0	32.4	37.6	120.4	0.44	0.642	0.213	66.6	−17.7	30.7	35.5	119.9	2.5	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
31/218	G00B_075_050$_{dd}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	55.8	−32.3	16.2	36.2	153.3	0.236	0.688	0.234	56.9	−30.7	14.9	34.1	154.1	2.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
32/222	G50B_075_050$_{dd}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	54.6	−16.4	−20.2	26.0	230.7	0.238	0.595	0.567	56.0	−15.6	−20.5	25.8	232.8	1.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
33/186	B00R_075_050$_{dd}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	44.0	12.3	−21.6	24.9	299.6	0.303	0.237	0.561	44.6	12.3	−21.4	24.7	300.0	0.6	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
34/510	B50R_075_050$_{dd}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.0	35.2	−5.4	35.6	351.1	0.714	0.229	0.629	51.9	34.6	−6.5	35.2	349.2	1.2	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
35/506	R00Y_075_050$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.6	29.9	19.9	35.9	33.7	0.755	0.205	0.331	53.5	28.1	18.7	33.7	33.7	2.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
36/324	R00Y_050_050$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	31.6	29.9	19.9	35.9	33.7	0.415	0.0	0.041	33.4	27.1	19.7	33.5	36.0	3.2	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
37/342	R50Y_050_050$_{dd}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	44.2	8.5	36.4	37.4	76.7	0.484	0.233	0.035	46.7	6.9	38.1	38.7	79.7	3.4	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
38/360	Y00G_050_050$_{dd}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	53.8	−7.2	42.0	42.7	99.7	0.442	0.411	0.058	56.2	−8.8	42.9	43.8	101.6	3.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
39/198	Y50G_050_050$_{dd}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	45.1	−19.0	32.4	37.6	120.4	0.25	0.441	0.026	47.7	−20.4	33.0	38.8	121.6	2.9	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
40/36	G00B_050_050$_{dd}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	35.8	−32.3	16.2	36.2	153.3	0.0	0.375	0.0	40.9	−35.7	13.5	38.2	159.2	6.7	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
41/40	G50B_050_050$_{dd}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	34.7	−16.4	−20.2	26.0	230.7	0.0	0.25	0.25	37.5	−13.6	−20.7	24.8	236.6	4.0	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
42/4	B00R_050_050$_{dd}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	24.1	12.3	−21.6	24.9	299.6	0.038	0.0	0.277	26.6	8.1	−23.2	24.6	289.3	5.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
43/328	B50R_050_050$_{dd}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.0	35.2	−5.4	35.6	351.1	0.392	0.003	0.334	32.3	36.0	−6.5	36.6	349.7	1.4	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
44/324	R00Y_050_050$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	31.6	29.9	19.9	35.9	33.7	0.415	0.0	0.041	33.4	27.1	19.7	33.5	36.0	3.2	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
45/0	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	0.0	0.0	0.0	0.0	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
46/91	NW_013$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	24.8	0.0	−0.3	0.3	283.4	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
47/182	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	36.8	0.0	−1.0	1.0	269.8	1.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
48/273	NW_038$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	46.2	0.2	−0.9	0.9	286.3	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
49/364	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	56.0	0.0	−0.4	0.4	277.3	0.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
50/455	NW_063$_{dd}$	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	0.576	0.565	0.557	66.2	0.0	−0.9	0.9	269.5	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
51/546	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	76.0	0.0	−0.3	0.3	283.3	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
52/637	NW_088$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	85.9	0.0	0.0	0.0	16.0	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
53/728	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 2.1

TUB registration: 20150701-RE63/RE63L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6* (CMYK)

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 20/33

n=j	HIC^*_{Fdd}	$rgb_{\_Fdd}$			$ict_{\_Fdd}$			$h_{si\_F,dd}$	rgb^*_{Fdd}			$LabCh^*_{Fdd}$					rgb'^*_{Fdd}			$LabCh'^*_{Fdd}$					DE'^*_{Fdd}	$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
0	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1	B00R_012_012dd	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	18.3	3.0	−5.4	6.2	299.6	0.0	0.0	0.049	24.7	4.9	−12.6	13.5	291.3	9.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
2	B00R_025_025dd	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	20.2	6.1	−10.8	12.4	299.6	0.0	0.0	0.092	23.7	4.7	−21.9	22.4	282.2	11.7	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
3	B00R_037_037dd	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	22.1	9.2	−16.2	18.7	299.6	0.045	0.0	0.25	28.2	10.1	−29.8	31.5	288.8	14.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
4	B00R_050_050dd	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	24.1	12.3	−21.6	24.9	299.6	0.038	0.0	0.277	29.8	18.0	−38.5	42.5	295.0	18.7	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
5	B00R_062_062dd	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	26.0	15.4	−27.1	31.1	299.6	0.125	0.0	0.375	27.8	25.8	−43.6	50.7	300.6	19.6	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
6	B00R_075_075dd	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	27.9	18.4	−32.5	37.4	299.6	0.022	0.0	0.432	28.9	25.4	−43.3	50.3	300.4	12.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
7	B00R_087_087dd	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	29.8	21.5	−37.9	43.6	299.6	0.047	0.021	0.556	30.3	26.6	−43.3	50.8	301.6	7.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
8	B00R_100_100dd	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	0.0	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
9	G00B_012_012dd	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	21.2	−8.0	4.0	9.0	153.3	0.0	0.065	0.0	31.0	−8.7	4.5	9.8	152.2	9.8	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
10	G50B_012_012dd	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	20.9	−4.1	−5.0	6.5	230.7	0.0	0.039	0.03	28.7	−9.2	−12.4	15.5	233.4	11.9	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
11	G75B_025_025dd	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.125	0.25	23.7	−3.2	−12.5	12.9	255.4	0.0	0.033	0.086	28.8	−5.8	−22.4	23.2	255.2	11.4	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
12	G84B_037_037dd	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.118	0.375	24.8	−0.3	−18.6	18.6	268.8	0.012	0.055	0.25	31.6	−3.8	−30.3	30.6	262.7	13.9	251	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
13	G88B_050_050dd	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.116	0.5	26.1	2.8	−24.5	24.7	276.5	0.0	0.031	0.285	33.6	2.6	−39.5	39.6	273.7	16.7	257	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5
14	G90B_062_062dd	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.114	0.625	28.1	6.1	−29.8	30.4	281.6	0.0	0.018	0.359	35.0	9.4	−44.9	45.8	281.8	16.8	260	0.0	0.183	1.0	35.2	9.8	−47.7	48.7	281.6
15	G92B_075_075dd	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.112	0.75	30.2	9.3	−35.0	36.2	284.9	0.0	0.039	0.443	32.7	15.8	−46.0	48.7	289.0	13.0	262	0.0	0.15	1.0	34.8	12.4	−46.7	48.3	284.9
16	G93B_087_087dd	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.116	0.875	32.4	12.0	−40.3	42.1	286.6	0.013	0.078	0.553	33.7	16.7	−45.4	48.4	290.2	7.0	262	0.0	0.133	1.0	34.7	13.7	−46.1	48.1	286.6
17	G94B_100_100dd	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	34.4	15.1	−45.7	48.1	288.2	0.014	0.147	0.868	34.6	14.4	−45.8	48.0	287.4	0.7	263	0.0	0.116	1.0	34.4	15.1	−45.7	48.1	288.2
18	G00B_025_025dd	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	26.0	−16.1	8.1	18.1	153.3	0.0	0.125	0.0	35.7	−22.3	5.5	22.9	166.0	11.7	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
19	G25B_025_025dd	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.125	26.4	−12.5	−1.1	12.6	185.1	0.0	0.097	0.0	32.1	−19.3	−6.7	20.4	199.1	10.5	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
20	G50B_025_025dd	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	25.5	−8.2	−10.1	13.0	230.7	0.0	0.125	0.125	35.4	−13.6	−20.5	24.7	236.3	15.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
21	G65B_037_037dd	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.256	0.375	29.4	−8.7	−18.3	20.3	244.4	0.0	0.136	0.195	36.6	−10.9	−29.0	31.0	249.2	13.0	228	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
22	G75B_050_050dd	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.25	0.5	31.0	−6.5	−25.1	25.9	255.4	0.0	0.149	0.299	37.5	−8.2	−36.1	37.0	257.0	12.8	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
23	G80B_062_062dd	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.239	0.625	32.3	−3.7	−31.0	31.2	263.0	0.003	0.139	0.39	37.6	−4.5	−43.4	43.7	263.9	13.5	247	0.0	0.383	1.0	41.9	−6.0	−49.6	49.9	263.0
24	G84B_075_075dd	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.237	0.75	33.3	−0.7	−37.3	37.3	268.8	0.0	0.137	0.465	37.7	−0.7	−47.5	47.6	269.1	11.1	251	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
25	G86B_087_087dd	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.233	0.875	34.2	2.5	−43.3	43.4	273.3	0.0	0.189	0.623	35.7	4.7	−49.3	49.5	275.4	6.5	255	0.0	0.266	1.0	36.7	2.9	−49.5	49.6	273.3
26	G88B_100_100dd	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5	0.007	0.249	0.874	36.0	4.2	−49.4	49.6	274.9	1.4	257	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5
27	G00B_037_037dd	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	30.9	−24.2	12.1	27.1	153.3	0.0	0.25	0.0	39.9	−35.9	13.8	38.4	158.9	14.8	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
28	G15B_037_037dd	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.118	30.9	−21.6	3.1	21.8	171.7	0.0	0.25	0.0	38.1	−32.5	−0.7	32.5	181.3	13.6	168	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
29	G34B_037_037dd	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.256	31.6	−16.2	−6.2	17.4	200.9	0.004	0.213	0.108	38.2	−25.0	−15.5	29.4	211.7	14.4	191	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
30	G50B_037_037dd	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	30.1	−12.3	−15.1	19.5	230.7	0.0	0.125	0.125	40.0	−19.7	−27.3	33.6	234.2	17.3	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
31	G61B_050_050dd	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.383	0.5	34.5	−13.8	−23.5	27.2	239.6	0.0	0.226	0.258	40.4	−15.0	−34.8	37.9	246.5	12.8	222	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6
32	G69B_062_062dd	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.385	0.625	37.2	−12.3	−31.3	33.6	248.5	0.0	0.272	0.408	41.9	−12.3	−41.1	42.9	253.2	10.8	232	0.0	0.616	1.0	49.7	−19.6	−50.1	53.8	248.5
33	G75B_075_075dd	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.375	0.75	38.3	−9.7	−37.7	38.9	255.4	0.0	0.288	0.529	42.9	−9.5	−47.6	48.5	258.6	10.8	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
34	G79B_087_087dd	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.364	0.875	39.6	−7.0	−43.6	44.2	260.8	0.001	0.305	0.657	43.1	−8.0	−49.4	50.1	260.7	6.8	245	0.0	0.416	1.0	43.0	−8.0	−49.9	50.5	260.8
35	G81B_100_100dd	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	41.3	−4.9	−49.5	49.8	264.3	0.0	0.346	0.874	41.6	−5.5	−49.5	49.8	263.5	0.7	248	0.0	0.366	1.0	41.3	−4.9	−49.5	49.8	264.3
36	G00B_050_050dd	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	35.8	−32.3	16.2	36.2	153.3	0.0	0.375	0.0	43.4	−62.0	24.5	66.7	158.4	31.7	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
37	G11B_050_050dd	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.116	35.6	−30.1	7.1	30.9	166.6	0.0	0.25	0.0	43.6	−61.4	11.8	62.6	169.1	32.6	162	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6
38	G25B_050_050dd	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.25	36.4	−25.1	−2.2	25.2	185.1	0.025	0.328	0.134	41.9	−44.2	−7.1	44.8	189.1	20.4	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
39	G38B_050_050dd	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.383	36.5	−20.4	−10.7	23.0	207.6	0.032	0.319	0.206	42.9	−34.8	−22.3	41.3	212.7	19.5	197	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6
40	G50B_050_050dd	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	34.7	−16.4	−20.2	26.0	230.7	0.0	0.25	0.25	43.9	−23.5	−34.3	41.6	235.6	18.2	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
41	G59B_062_062dd	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.51	0.625	39.0	−18.3	−28.3	33.7	237.1	0.0	0.347	0.376	44.7	−21.3	−38.9	44.4	241.3	12.4	219	0.0	0.816	1.0	52.6	−29.2	−45.4	54.0	237.1
42	G65B_075_075dd	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.512	0.75	42.5	−17.5	−36.7	40.7	244.4	0.003	0.43	0.554	46.8	−19.7	−45.8	49.8	246.7	10.2	228	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
43	G70B_087_087dd	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.51	0.875	44.5	−15.5	−43.9	46.6	250.5	0.003	0.442	0.704	47.4	−16.3	−49.5	52.1	251.7	6.3	234	0.0	0.583	1.0	48.5	−17.7	−50.2	53.3	250.5
44	G75B_100_100dd	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4	0.0	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
45	G00B_062_062dd	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	40.6	−40.4	20.2	45.2	153.3	0.125	0.501	0.025	48.1	−68.1	29.1	74.1	156.8	30.0	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
46	G09B_062_062dd	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.114	40.3	−38.6	11.1	40.2	163.8	0.022	0.406	0.057	48.0	−74.0	21.1	76.9	164.0	37.5	159	0.0	1.0	0.183	54.7	−61.8	17.8	64.4	163.8
47	G19B_062_062dd	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.239	40.8	−34.5	2.4	34.6	176.0	0.056	0.434	0.16	48.7	−69.5	6.2	69.8	174.8	36.0	172	0.0	1.0	0.383	55.5	−55.3	3.8	55.4	176.0
48	G30B_062_062dd	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.385	41.8	−28.3	−7.9	29.4	195.6	0.077	0.46	0.268	49.9	−55.3	−10.5	56.3	190.8	28.2	187	0.0	1.0	0.616	57.0	−45.4	−12.7	47.1	195.6
49	G40B_062_062dd	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.51	41.3	−24.7	−15.6	29.2	212.2	0.059	0.431	0.315	51.3	−45.8	−25.2	52.3	208.7	25.2	200	0.0	1.0	0.816	56.3	−39.6	−24.9	46.8	212.2
50	G50B_062_062dd	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	39.2	−20.6	−25.2	32.5	230.7	0.0	0.366	0.347	50.4	−32.6	−36.2	48.8	227.9	19.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
51	G57B_075_075dd	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.637	0.75	43.5	−22.7	−33.1	40.2	235.5	0.005	0.484	0.492	50.5	−30.3	−40.4	50.5	233.0	12.6	217	0.0	0.85	1.0	52.5	−30.3	−44.2	53.6	235.5
52	G63B_087_087dd	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.641	0.875	47.8	−22.8	−42.0	47.8	241.4	0.008	0.539	0.717	50.7	−25.3	−46.5	52.9	241.3	5.9	224	0.0	0.733	1.0	52.3	−26.1	−48.0	54.6	241.4
53	G68B_100_100dd	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	50.1	−20.6	−49.9	54.0	247.5	0.0	0.632	1.0	50.0	−20.1	−50.0	53.9	248.0	0.5	231	0.0	0.633	1.0	50.1	−20.6	−49.9	54.0	247.5
54	G00B_075_075dd	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	45.5	−48.5	24.3	54.3	153.3	0.089	0.544	0.039	51.2	−70.8	30.3	77.0	156.8	23.8	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
55	G07B_075_075dd	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.112	45.0	−47.1	15.2	49.5	162.0	0.07	0.532	0.109	50.0	−73.8	22.2	77.1	163.2	28.0	157	0.0	1.0	0.15	54.6	−62.8	20.3	66.0	162.0
56	G15B_075_075dd	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.237	45.5	−43.2	6.2	43.7	171.7	0.072	0.546	0.194	50.0	−68.5	8.7	69.0	172.7	25.7	168	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
57	G25B_075_075dd	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.375	46.5	−37.7	−3.4	37.9	185.1	0.082	0.562	0.29	51.2	−59.6	−5.4	59.9	185.2	22.5	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
58	G34B_075_075dd	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.512	46.8	−32.5	−12.4	34.8	200.9	0.082	0.557	0.365	52.4	−50.8	−18.0	54.0	199.5	19.9	191	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
59	G42B_075_075dd	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.637	46.1	−28.9	−20.4	35.4	215.2	0.063	0.534	0.42	52.7	−43.9	−27.1	51.6	211.7	17.7	202	0.0	1.0	0.85	56.0	−38.5	−27.3	47.2	215.2
60	G50B_075_075dd	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	43.8	−24.7	−30.3	39.1	230.7	0.016	0.494	0.468	52.5	−36.6	−36.6	51.8	225.0	16.0	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
61	G56B_087_087dd	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.758	0.875	48.0	−27.0	−38.2	46.8	234.7	0.001	0.567	0.643	52.3	−32.9	−41.3	52.8	231.4	7.9	217	0.0	0.866	1.0	52.5	−30.8	−43.6	53.5	234.7
62	G61B_100_100dd	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6	0.0	0.749	0.989	52.6	−27.0	−47.6	54.7	240.4	0.7	222	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6
63	G00B_087_087dd	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	50.4	−56.6	28.4	63.3	153.3	0.085	0.668	0.044	53.0	−69.3	31.1	75.9	155.7	13.2	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
64	G06B_087_087dd	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.116	49.8	−55.3	18.9	58.5	161.1	0.062	0.749	0.13	52.2	−68.8	22.2	72.3	162.1	14.1	157	0.0	1.0	0.133	54.6	−63.2	21.6	66.8	161.1
65	G13B_087_087dd	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.233	50.2	−51.8	10.4	52.8	168.6	0.071	0.749	0.25	52.6	−63.7	11.3	64.7	169.9	12.1	164	0.0	1.0	0.266	55.0	−59.2	11.9	60.4	168.6
66	G20B_087_087dd	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.364	50.9	−47.2	1.1	47.2	178.6	0.081	0.749	0.376	53.9	−57.4	0.1	57.4	179.8	10.6	174	0.0	1.0	0.416	55.8	−54.0	1.2	54.0	178.6
67	G29B_087_087dd	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.51	51.8	−41.1	−9.2	42.1	192.6	0.075	0.749	0.501	54.4	−50.3	−12.4	51.8	193.8	10.1	185	0.0	1.0	0.583	56.9	−46.9	−10.5	48.1	192.6
68	G36B_087_087dd	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.641	51.8	−36.6	−16.9	40.3	204.8	0.077	0.749	0.501	54.8	−45.3	−19.6	49.4	203.4	9.6	195	0.0	1.0	0.733	56.9	−41.8	−19.3	46.1	204.8
69	G43B_087_087dd	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.758	50.9	−33.2	−24.9	41.5	216.8	0.085	0.749	0.623	53.5	−41.7	−28.4	50.5	214.3	9.5	202	0.0	1.0	0.866	55.9	−38.0	−28.4	47.5	216.8
70	G50B_087_087dd	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	48.4	−28.8	−35.3	45.6	230.7	0.009	0.576	0.603	52.4	−35.3	−38.9	52.5	227.7	8.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
71	G55B_100_100dd	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	52.5	−31.2	−43.1	53.3	234.0	0.0	0.874	0.995	52.5	−31.1	−43.3	53.4	234.3	0.2	216	0.0	0.883	1.0	52.5	−31.2	−43.1	53.3	234.0
72	G00B_100_100dd	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
73	G05B_100_100dd	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.116	54.6	−63.6	22.9	67.6	160.1	0.045	0.863	0.142	54.5	−63.4	22.2	67.2	160.6	0.6	156	0.0	1.0	0.116	54.6	−63.6	22.9	67.6	160.1
74	G11B_100_100dd	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6	0.038	0.917	0.246	54.9	−59.7	13.1	61.1	167.5	1.2	162	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6
75	G18B_100_100dd	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.366	55.4	−55.9	5.0	56.1	174.8	0.046	0.863	0.34	55.5	−55.6	4.5	55.8	175.3	0.6	171	0.0	1.0	0.366	55.4	−55.9	5.0	56.1	174.8
76	G25B_100_100dd	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1	0.0	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
77	G31B_100_100dd	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.633	57.0	−44.8	−13.7	46.8	197.0	0.051	0.868	0.559	57.0	−45.0	−13.2	46.9	196.4	0.5	188	0.0	1.0	0.633	57.0	−44.8	−13.7	46.8	197.0
78	G38B_100_100dd	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6	0.048	0.871	0.673	56.9	−41.2	−20.2	45.9	206.0	1.2	197	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6
79	G44B_100_100dd	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.883	55.6	−37.5	−29.8	47.9	218.4	0.041	0.874	0.791	55.8	−37.7	−29.0	47.6	217.5	0.8	203	0.0	1.0	0.883	55.6	−37.5	−29.8	47.9	218.4
80	G50B_100_100dd	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	0.0	0.999	0.999	53.0	−32.9	−40.4	52.1	230.7	0.0	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: **delta** **12.3**

1−1031930−F0

RE630−7N, Page 20/33−F

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmyk^*_{dd}$

see similar files: http://130.149.60.45/~farbmetrik/RE63/RE63.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−1031930−F0

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 21/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
81	R00Y_012_012dd	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	20.2	7.4	4.9	8.9	33.7	0.103	0.0	0.0	24.0	5.9	7.2	9.4	50.8	4.7	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
82	B50R_012_012dd	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	20.2	8.8	−1.3	8.9	351.1	0.073	0.0	0.04	26.0	11.4	−4.6	12.3	338.0	7.1	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
83	B25R_025_025dd	0.125	0.0	0.25	0.25	0.25	0.125	300	0.125	0.0	0.25	21.2	12.5	−7.2	14.4	329.9	0.125	0.0	0.125	26.4	14.7	−16.0	21.8	312.4	10.4	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
84	B15R_037_037dd	0.125	0.0	0.375	0.375	0.375	0.187	289	0.118	0.0	0.375	22.3	15.9	−12.7	20.4	321.3	0.125	0.0	0.25	27.8	17.4	−23.7	29.4	306.3	12.3	288	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
85	B11R_050_050dd	0.125	0.0	0.5	0.5	0.5	0.25	284	0.116	0.0	0.5	23.8	19.0	−18.3	26.4	316.1	0.125	0.0	0.25	28.6	26.8	−31.8	41.6	310.1	16.3	282	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1
86	B09R_062_062dd	0.125	0.0	0.625	0.625	0.625	0.312	281	0.114	0.0	0.625	25.6	21.9	−24.1	32.6	312.2	0.125	0.0	0.375	28.6	31.6	−35.0	47.2	312.0	14.8	279	0.183	0.0	1.0	31.2	35.1	−38.6	52.2	312.2
87	B07R_075_075dd	0.125	0.0	0.75	0.75	0.75	0.375	279	0.112	0.0	0.75	27.5	24.8	−29.8	38.8	309.7	0.125	0.0	0.455	29.3	34.3	−37.9	51.1	312.1	12.6	278	0.15	0.0	1.0	31.2	33.0	−39.8	51.7	309.7
88	B06R_087_087dd	0.125	0.0	0.875	0.875	0.875	0.437	278	0.116	0.0	0.875	29.4	28.0	−35.3	45.1	308.4	0.108	0.012	0.596	29.7	34.0	−39.9	52.4	310.4	7.5	277	0.133	0.0	1.0	31.2	32.0	−40.3	51.5	308.4
89	B05R_100_100dd	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	31.3	31.0	−40.8	51.3	307.2	0.115	0.0	1.0	31.2	31.5	−40.6	51.4	307.7	0.5	276	0.116	0.0	1.0	31.3	31.0	−40.8	51.3	307.2
90	Y00G_012_012dd	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	25.7	−1.8	10.5	10.6	99.7	0.077	0.059	0.0	30.2	−4.3	14.4	15.0	106.8	6.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
91	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	21.3	0.0	−0.5	0.6	267.5	5.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
92	B00R_025_012dd	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	28.2	3.0	−5.4	6.2	299.6	0.166	0.139	0.193	28.9	2.8	−15.8	16.0	280.2	10.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
93	B00R_037_025dd	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	30.2	6.1	−10.8	12.4	299.6	0.177	0.133	0.241	31.2	5.1	−24.1	24.6	281.9	13.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
94	B00R_050_037dd	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	32.1	9.2	−16.2	18.7	299.6	0.192	0.128	0.328	35.4	9.4	−28.1	29.7	288.4	12.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
95	B00R_062_050dd	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	34.0	12.3	−21.6	24.9	299.6	0.195	0.123	0.429	37.8	14.4	−33.6	36.6	293.2	12.6	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
96	B00R_075_062dd	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	36.0	15.4	−27.1	31.1	299.6	0.181	0.118	0.534	39.1	16.2	−38.1	41.4	293.0	11.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
97	B00R_087_075dd	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	37.9	18.4	−32.5	37.4	299.6	0.171	0.118	0.65	36.0	21.3	−42.3	47.4	296.6	10.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
98	B00R_100_087dd	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	39.8	21.5	−37.9	43.6	299.6	0.231	0.207	0.851	35.1	23.1	−41.8	47.8	298.9	6.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
99	Y50G_025_025dd	0.125	0.25	0.0	0.25	0.25	0.125	120	0.125	0.25	0.0	30.7	−9.5	16.2	18.8	120.4	0.125	0.125	0.0	36.6	−11.9	18.7	22.2	122.6	6.8	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
100	G00B_025_012dd	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	31.2	−8.0	4.0	9.0	153.3	0.109	0.198	0.098	36.9	−11.2	4.4	12.0	158.2	6.5	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
101	G50B_025_012dd	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	30.9	−4.1	−5.0	6.5	230.7	0.138	0.191	0.184	34.4	−9.6	−14.9	17.7	237.1	11.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
102	G75B_037_025dd	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.25	0.375	33.6	−3.2	−12.5	12.9	255.4	0.16	0.218	0.263	37.8	−5.5	−22.5	23.2	256.1	11.0	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
103	G84B_050_037dd	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.243	0.5	34.8	−0.3	−18.6	18.6	268.8	0.156	0.205	0.338	40.4	−2.7	−27.9	28.0	264.3	11.0	251	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
104	G88B_062_050dd	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.241	0.625	36.1	2.8	−24.5	24.7	276.5	0.141	0.184	0.431	43.4	0.9	−31.2	31.2	271.7	10.1	257	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5
105	G90B_075_062dd	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.239	0.75	38.1	6.1	−29.8	30.4	281.6	0.122	0.173	0.542	44.4	3.1	−36.3	36.4	274.9	9.5	260	0.0	0.183	1.0	35.2	9.8	−47.7	48.7	281.6
106	G92B_087_075dd	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.237	0.875	40.2	9.3	−35.0	36.2	284.9	0.117	0.177	0.668	39.7	10.9	−43.7	45.0	284.0	8.8	262	0.0	0.15	1.0	34.8	12.4	−46.7	48.3	284.9
107	G93B_100_087dd	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.241	1.0	42.4	12.0	−40.3	42.1	286.6	0.194	0.279	0.86	38.2	14.5	−43.2	45.6	288.5	5.6	262	0.0	0.133	1.0	34.7	13.7	−46.1	48.1	286.6
108	Y68G_037_037dd	0.125	0.375	0.0	0.375	0.375	0.187	131	0.118	0.375	0.0	34.9	−18.3	19.3	26.6	133.4	0.125	0.252	0.0	40.9	−28.5	23.4	36.8	140.5	12.4	131	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
109	G00B_037_025dd	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	36.0	−16.1	8.1	18.1	153.3	0.078	0.259	0.055	39.5	−22.7	6.3	23.6	164.3	7.6	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
110	G25B_037_025dd	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.25	36.4	−12.5	−1.1	12.6	185.1	0.116	0.265	0.159	37.5	−18.0	−7.4	19.5	202.4	8.4	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
111	G50B_037_025dd	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	35.5	−8.2	−10.1	13.0	230.7	0.162	0.272	0.254	42.7	−13.3	−21.4	25.2	238.1	14.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
112	G65B_050_037dd	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.381	0.5	39.4	−8.7	−18.3	20.3	244.4	0.148	0.309	0.35	43.7	−10.2	−26.4	28.3	248.8	9.2	228	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
113	G75B_062_050dd	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.375	0.625	41.0	−6.5	−25.1	25.9	255.4	0.129	0.299	0.454	45.8	−7.7	−30.3	31.3	255.6	7.1	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
114	G80B_075_062dd	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.364	0.75	42.3	−3.7	−31.0	31.2	263.0	0.107	0.287	0.572	47.2	−5.4	−34.0	34.5	260.8	6.0	247	0.0	0.383	1.0	41.9	−6.0	−49.6	49.9	263.0
115	G84B_087_075dd	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.362	0.875	43.3	−0.7	−37.3	37.3	268.8	0.094	0.282	0.711	45.3	−2.8	−44.7	44.8	266.3	7.9	251	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
116	G86B_100_087dd	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.358	1.0	44.2	2.5	−43.3	43.4	273.3	0.147	0.339	0.871	40.4	2.5	−46.9	47.0	273.0	5.2	255	0.0	0.266	1.0	36.7	2.9	−49.5	49.6	273.3
117	Y76G_050_050dd	0.125	0.5	0.0	0.5	0.5	0.25	136	0.116	0.5	0.0	39.0	−27.2	21.7	34.8	141.3	0.125	0.375	0.0	43.7	−42.4	28.6	51.2	145.9	17.3	137	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
118	G00B_050_037dd	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	40.9	−24.2	12.1	27.1	153.3	0.138	0.395	0.097	44.1	−29.9	11.1	31.9	159.5	6.6	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
119	G15B_050_037dd	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.243	40.9	−21.6	3.1	21.8	171.7	0.143	0.411	0.182	44.2	−26.8	−1.5	26.9	183.3	7.7	168	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
120	G34B_050_037dd	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.381	41.6	−16.2	−6.2	17.4	200.9	0.171	0.401	0.282	45.0	−20.8	−15.3	25.8	216.4	10.7	191	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
121	G50B_050_037dd	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	40.1	−12.3	−15.1	19.5	230.7	0.146	0.347	0.325	47.1	−16.3	−26.5	31.1	238.4	13.9	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
122	G61B_062_050dd	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.508	0.625	44.5	−13.8	−23.5	27.2	239.6	0.127	0.422	0.453	49.2	−13.5	−30.9	33.7	246.3	8.7	222	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6
123	G69B_075_062dd	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.51	0.75	47.2	−12.3	−31.3	33.6	248.5	0.11	0.452	0.611	50.5	−11.4	−33.9	35.8	251.3	4.3	232	0.0	0.616	1.0	49.7	−19.6	−50.1	53.8	248.5
124	G75B_087_075dd	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.5	0.875	48.3	−9.7	−37.7	38.9	255.4	0.103	0.449	0.774	50.7	−10.8	−40.8	42.2	255.1	4.1	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
125	G79B_100_087dd	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.489	1.0	49.6	−7.0	−43.6	44.2	260.8	0.195	0.546	0.985	46.1	−8.6	−47.6	48.4	259.7	5.5	245	0.0	0.416	1.0	43.0	−8.0	−49.9	50.5	260.8
126	Y81G_062_062dd	0.125	0.625	0.0	0.625	0.625	0.312	139	0.114	0.625	0.0	43.6	−35.6	25.3	43.7	144.6	0.14	0.478	0.025	49.0	−53.8	33.4	63.3	148.1	20.5	140	0.183	1.0	0.0	60.0	−57.0	40.5	70.0	144.6
127	G00B_062_050dd	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	45.8	−32.3	16.2	36.2	153.3	0.141	0.526	0.107	49.2	−38.1	17.4	41.9	155.5	6.8	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
128	G11B_062_050dd	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.241	45.6	−30.1	7.1	30.9	166.6	0.131	0.53	0.185	49.3	−36.0	5.8	36.5	170.8	7.0	162	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6
129	G25B_062_050dd	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.375	46.4	−25.1	−2.2	25.2	185.1	0.158	0.526	0.289	50.0	−30.6	−8.3	31.7	195.2	8.8	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
130	G38B_062_050dd	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.508	46.5	−20.4	−10.7	23.0	207.6	0.165	0.511	0.363	51.5	−24.3	−19.7	31.3	219.0	10.9	197	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6
131	G50B_062_050dd	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	44.6	−16.4	−20.2	26.0	230.7	0.129	0.451	0.413	52.7	−21.6	−28.6	35.9	233.0	12.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
132	G59B_075_062dd	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.635	0.75	49.0	−18.3	−28.3	33.7	237.1	0.111	0.536	0.564	53.5	−17.6	−33.2	37.6	242.0	6.6	219	0.0	0.816	1.0	52.6	−29.2	−45.4	54.0	237.1
133	G65B_087_075dd	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.637	0.875	52.5	−17.5	−36.7	40.7	244.4	0.106	0.604	0.798	53.2	−15.5	−38.6	41.6	248.1	2.8	228	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
134	G70B_100_087dd	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.635	1.0	54.5	−15.5	−43.9	46.6	250.5	0.166	0.674	1.0	51.2	−14.6	−46.5	48.7	252.5	4.2	234	0.0	0.583	1.0	48.5	−17.7	−50.2	53.3	250.5
135	Y85G_075_075dd	0.125	0.75	0.0	0.75	0.75	0.375	141	0.112	0.75	0.0	48.3	−44.0	28.8	52.6	146.7	0.146	0.591	0.036	54.0	−58.1	36.9	68.9	147.5	17.3	142	0.15	1.0	0.0	58.9	−58.7	38.4	70.1	146.7
136	G00B_075_062dd	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	50.6	−40.4	20.2	45.2	153.3	0.13	0.651	0.113	55.2	−43.6	22.2	49.0	152.9	5.8	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
137	G09B_075_062dd	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.239	50.3	−38.6	11.1	40.2	163.8	0.122	0.647	0.204	55.0	−42.3	11.7	43.9	164.5	5.9	159	0.0	1.0	0.183	54.7	−61.8	17.8	64.4	163.8
138	G19B_075_062dd	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.364	50.8	−34.5	2.4	34.6	176.0	0.136	0.643	0.296	56.2	−40.4	0.2	40.4	179.6	8.2	172	0.0	1.0	0.383	55.5	−55.3	3.8	55.4	176.0
139	G30B_075_062dd	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.51	51.7	−28.3	−7.9	29.4	195.6	0.155	0.631	0.398	57.7	−34.1	−12.3	36.3	199.9	9.3	187	0.0	1.0	0.616	57.0	−45.4	−12.7	47.1	195.6
140	G40B_075_062dd	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.635	51.3	−24.7	−15.6	29.2	212.2	0.144	0.612	0.462	57.9	−30.1	−22.3	37.5	216.6	10.8	200	0.0	1.0	0.816	56.3	−39.6	−24.9	46.8	212.2
141	G50B_075_062dd	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	49.2	−20.6	−25.2	32.5	230.7	0.114	0.557	0.524	57.5	−25.3	−30.9	39.9	230.6	11.0	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
142	G57B_087_075dd	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.762	0.875	53.5	−22.7	−33.1	40.2	235.5	0.097	0.649	0.723	56.9	−21.3	−36.8	42.5	239.9	5.2	217	0.0	0.85	1.0	52.5	−30.3	−44.2	53.6	235.5
143	G63B_100_087dd	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	0.766	1.0	57.8	−22.8	−42.0	47.8	241.4	0.136	0.829	1.0	55.9	−20.2	−43.0	47.5	244.7	3.3	224	0.0	0.733	1.0	52.3	−26.1	−48.0	54.6	241.4
144	Y86G_087_087dd	0.125	0.875	0.0	0.875	0.875	0.437	142	0.116	0.875	0.0	53.1	−52.0	32.7	61.4	147.8	0.134	0.714	0.032	58.4	−60.0	39.3	71.8	146.7	11.6	142	0.133	1.0	0.0	58.4	−59.4	37.3	70.2	147.8
145	G00B_087_075dd	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	55.5	−48.5	24.3	54.3	153.3	0.117	0.771	0.116	59.3	−56.3	28.7	63.2	152.9	9.7	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
146	G07B_087_075dd	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.237	55.0	−47.1	15.2	49.5	162.0	0.111	0.766	0.215	59.2	−53.5	17.9	56.4	161.4	8.1	157	0.0	1.0	0.15	54.6	−62.8	20.3	66.0	162.0
147	G15B_087_075dd	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.362	55.5	−43.2	6.2	43.7	171.7	0.118	0.755	0.311	59.5	−49.3	5.3	49.6	173.7	7.3	168	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
148	G25B_087_075dd	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.5	56.5	−37.7	−3.4	37.9	185.1	0.131	0.742	0.412	60.7	−42.8	−6.0	43.3	187.9	7.1	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
149	G34B_087_075dd	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.637	56.8	−32.5	−12.4	34.8	200.9	0.131	0.728	0.494	60.9	−38.4	−14.4	41.0	200.6	7.4	191	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
150	G42B_087_075dd	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.762	56.1	−28.9	−20.4	35.4	215.2	0.125	0.709	0.575	60.8	−33.5	−23.4	40.9	214.9	7.2	202	0.0	1.0	0.85	56.0	−38.5	−27.3	47.2	215.2
151	G50B_087_075dd	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	53.8	−24.7	−30.3	39.1	230.7	0.102	0.661	0.673	59.5	−29.4	−32.9	44.2	228.2	7.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
152	G56B_100_087dd	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	0.883	1.0	58.0	−27.0	−38.2	46.8	234.7	0.115	0.861	0.953	58.3	−25.8	−40.3	47.8	237.3	2.4	217	0.0	0.866	1.0	52.5	−30.8	−43.6	53.5	234.7
153	Y88G_100_100dd	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	57.9	−60.2	36.5	70.4	148.7	0.114	0.871	0.024	58.1	−59.8	36.8	70.3	148.3	0.4	143	0.116	1.0	0.0	57.9	−60.2	36.5	70.4	148.7
154	G00B_100_087dd	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	60.3	−56.6	28.4	63.3	153.3	0.125	0.875	0.125	56.9	−60.4	29.4	67.2	153.9	5.2	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
155	G06B_100_087dd	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.241	59.8	−55.3	18.9	58.5	161.1	0.123	0.874	0.249	56.7	−57.8	19.3	60.9	161.5	3.9	157	0.0	1.0	0.133	54.6	−63.2	21.6	66.8	161.1
156	G13B_100_087dd	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.358	60.2	−51.8	10.4	52.8	168.6	0.129	0.874	0.336	58.1	−53.1	9.6	54.0	169.7	2.5	164	0.0	1.0	0.266	55.0	−59.2	11.9	60.4	168.6
157	G20B_100_087dd	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.489	60.9	−47.2	1.1	47.2	178.6	0.131	0.874	0.436	59.0	−47.2	−1.5	47.3	181.8	3.2	174	0.0	1.0	0.416	55.8	−54.0	1.2	54.0	178.6
158	G29B_100_087dd	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.635	61.8	−41.1	−9.2	42.1	192.6	0.135	0.874	0.569	59.5	−41.3	−12.1	43.0	196.4	3.7	185	0.0	1.0	0.583	56.9	−46.9	−10.5	48.1	192.6
159	G36B_100_087dd	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.766	61.8	−36.6	−16.9	40.3	204.8	0.137	0.874	0.676	59.8	−37.5	−18.5	41.9	206.3	2.7	195	0.0	1.0	0.733	56.9	−41.8	−19.3	46.1	204.8
160	G43B_100_087dd	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	1.0	0.883	60.9	−33.2	−24.9	41.5	216.8	0.125	0.874	0.777	59.9	−33.1	−26.0	42.1	218.1	1.5	202	0.0	1.0	0.866	55.9	−38.0	−28.4	47.5	216.8
161	G50B_100_087dd	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	58.4	−28.8	−35.3	45.6	230.7	0.112	0.868	0.903	56.0	−30.7	−37.5	48.5	230.7	3.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: delta 8.2

1-1032030-F0 RE630−7N, Page 21/33−F

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, Δ*E'**

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

1-1032030-F0

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 22/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
162	R00Y_025_025dd	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	24.0	14.9	9.9	17.9	33.7	0.207	0.0	0.0	27.6	12.4	13.9	18.6	48.2	5.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
163	R00Y_025_025dd	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.125	23.7	15.5	3.0	15.8	11.0	0.25	0.0	0.125	26.6	15.4	3.1	15.7	11.5	2.8	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
164	B50R_025_025dd	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	24.2	17.6	−2.7	17.8	351.1	0.25	0.0	0.151	27.9	23.4	−8.3	24.9	340.4	8.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
165	B34R_037_037dd	0.25	0.0	0.375	0.375	0.375	0.187	311	0.256	0.0	0.375	25.2	21.6	−8.3	23.1	339.0	0.25	0.0	0.25	29.1	27.1	−16.1	31.5	329.2	10.3	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
166	B25R_050_050dd	0.25	0.0	0.5	0.5	0.5	0.25	300	0.25	0.0	0.5	26.1	25.0	−14.4	28.9	329.9	0.25	0.0	0.302	29.7	31.5	−22.8	38.9	324.1	11.1	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
167	B19R_062_062dd	0.25	0.0	0.625	0.625	0.625	0.312	293	0.239	0.0	0.625	27.1	28.7	−19.9	34.9	325.2	0.25	0.0	0.405	30.1	35.9	−27.9	45.5	322.1	11.2	292	0.383	0.0	1.0	33.6	45.9	−31.9	55.9	325.2
168	B15R_075_075dd	0.25	0.0	0.75	0.75	0.75	0.375	289	0.237	0.0	0.75	28.4	31.9	−25.5	40.9	321.3	0.212	0.0	0.501	30.6	38.8	−31.1	49.7	321.2	9.1	288	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
169	B13R_087_087dd	0.25	0.0	0.875	0.875	0.875	0.437	286	0.233	0.0	0.875	29.6	34.9	−31.0	46.7	318.3	0.204	0.0	0.644	31.0	39.9	−34.5	52.8	318.3	6.2	284	0.266	0.0	1.0	31.5	39.9	−35.5	53.4	318.3
170	B11R_100_100dd	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1	0.235	0.0	1.0	31.2	39.0	−35.9	53.1	317.3	1.2	282	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1
171	R50Y_025_025dd	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.125	0.0	30.3	4.2	18.2	18.7	76.7	0.241	0.087	0.0	31.6	1.6	20.1	20.2	85.3	3.5	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
172	R00Y_025_012dd	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	30.1	7.4	4.9	8.9	33.7	0.245	0.127	0.149	29.9	6.6	8.1	10.5	50.7	3.2	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
173	B50R_025_012dd	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	30.2	8.8	−1.3	8.9	351.1	0.23	0.126	0.193	32.1	13.5	−6.9	15.2	332.9	7.5	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
174	B25R_037_025dd	0.25	0.125	0.375	0.375	0.25	0.25	300	0.25	0.124	0.375	31.2	12.5	−7.2	14.4	329.9	0.234	0.115	0.242	34.3	14.4	−15.5	21.2	312.9	9.0	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
175	B15R_050_037dd	0.25	0.125	0.5	0.5	0.375	0.312	289	0.243	0.124	0.5	32.3	15.9	−12.7	20.4	321.3	0.244	0.1	0.327	36.0	18.5	−22.2	28.9	309.8	10.5	288	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
176	B11R_062_050dd	0.25	0.125	0.625	0.625	0.5	0.375	284	0.241	0.125	0.625	33.8	19.0	−18.3	26.4	316.1	0.252	0.097	0.427	38.9	21.5	−27.8	35.1	307.6	11.0	282	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1
177	B09R_075_062dd	0.25	0.125	0.75	0.75	0.625	0.437	281	0.239	0.125	0.75	35.6	21.9	−24.1	32.6	312.2	0.25	0.102	0.54	39.5	25.2	−32.9	41.5	307.4	10.1	279	0.183	0.0	1.0	31.2	35.1	−38.6	52.2	312.2
178	B07R_087_075dd	0.25	0.125	0.875	0.875	0.75	0.5	279	0.237	0.125	0.875	37.5	24.8	−29.8	38.8	309.7	0.242	0.103	0.666	35.9	31.9	−37.3	49.1	310.5	10.4	278	0.15	0.0	1.0	31.2	33.0	−39.8	51.7	309.7
179	B06R_100_087dd	0.25	0.125	1.0	1.0	0.875	0.562	278	0.241	0.125	1.0	39.3	28.0	−35.3	45.1	308.4	0.284	0.169	0.841	35.5	30.6	−38.1	48.9	308.7	5.4	277	0.133	0.0	1.0	31.2	32.0	−40.3	51.5	308.4
180	Y00G_025_025dd	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	35.1	−3.6	21.0	21.3	99.7	0.236	0.205	0.039	38.0	−7.2	29.9	30.8	103.5	10.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
181	Y00G_025_012dd	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	35.7	−1.8	10.5	10.6	99.7	0.251	0.231	0.154	37.1	−4.8	15.4	16.1	107.3	5.9	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
182	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	35.1	0.0	−1.1	1.1	269.9	1.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
183	B00R_037_012dd	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	38.2	3.0	−5.4	6.2	299.6	0.28	0.253	0.303	37.8	3.6	−16.3	16.7	282.4	10.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
184	B00R_050_025dd	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	40.2	6.1	−10.8	12.4	299.6	0.298	0.251	0.359	41.5	6.0	−22.2	23.0	285.1	11.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
185	B00R_062_037dd	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	42.1	9.2	−16.2	18.7	299.6	0.306	0.246	0.448	45.6	8.5	−25.4	26.8	288.6	9.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
186	B00R_075_050dd	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	44.0	12.3	−21.6	24.9	299.6	0.303	0.237	0.561	46.2	13.1	−30.7	33.4	293.2	9.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
187	B00R_087_062dd	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	46.0	15.4	−27.1	31.1	299.6	0.302	0.237	0.695	40.8	20.2	−39.1	44.0	297.4	13.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
188	B00R_100_075dd	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	47.9	18.4	−32.5	37.4	299.6	0.36	0.302	0.833	38.9	22.0	−39.6	45.3	299.0	11.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
189	Y31G_037_037dd	0.25	0.375	0.0	0.375	0.375	0.187	109	0.256	0.375	0.0	42.1	−10.0	30.6	32.2	108.1	0.272	0.327	0.027	42.0	−13.5	33.2	35.8	112.1	4.3	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
190	Y50G_037_025dd	0.25	0.375	0.125	0.375	0.25	0.25	120	0.25	0.375	0.124	40.7	−9.5	16.2	18.8	120.4	0.243	0.315	0.128	44.6	−13.2	18.9	23.1	125.0	6.0	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
191	G00B_037_012dd	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	41.2	−8.0	4.0	9.0	153.3	0.253	0.339	0.236	43.2	−11.1	3.3	11.6	163.3	3.7	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
192	G50B_037_012dd	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	40.9	−4.1	−5.0	6.5	230.7	0.262	0.318	0.306	44.0	−8.9	−14.2	16.8	237.9	10.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
193	G75B_050_025dd	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.375	0.5	43.6	−3.2	−12.5	12.9	255.4	0.278	0.341	0.382	46.5	−4.8	−21.2	21.7	257.2	9.2	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
194	G84B_062_037dd	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.368	0.625	44.8	−0.3	−18.6	18.6	268.8	0.273	0.332	0.472	49.2	−1.9	−25.5	25.6	265.6	8.3	251	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
195	G88B_075_050dd	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.366	0.75	46.0	2.8	−24.5	24.7	276.5	0.247	0.307	0.587	50.5	0.0	−29.9	29.9	270.1	7.5	257	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5
196	G90B_087_062dd	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.364	0.875	48.1	6.1	−29.8	30.4	281.6	0.247	0.312	0.732	48.6	5.5	−39.6	39.9	277.9	9.7	260	0.0	0.183	1.0	35.2	9.8	−47.7	48.7	281.6
197	G92B_100_075dd	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.362	1.0	50.2	9.3	−35.0	36.2	284.9	0.314	0.371	0.848	44.9	9.9	−40.7	41.9	283.7	7.8	262	0.0	0.15	1.0	34.8	12.4	−46.7	48.3	284.9
198	Y50G_050_050dd	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	45.1	−19.0	32.4	37.6	120.4	0.25	0.441	0.026	47.0	−24.5	37.8	45.1	122.9	7.9	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
199	Y68G_050_037dd	0.25	0.5	0.125	0.5	0.375	0.312	131	0.243	0.5	0.124	44.9	−18.3	19.3	26.6	133.4	0.224	0.417	0.11	49.7	−21.9	22.1	31.1	134.7	6.6	131	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
200	G00B_050_025dd	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	46.0	−16.1	8.1	18.1	153.3	0.252	0.441	0.228	47.9	−20.3	7.1	21.5	160.6	4.6	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
201	G25B_050_025dd	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.375	46.4	−12.5	−1.1	12.6	185.1	0.266	0.427	0.307	48.6	−15.6	−7.2	17.2	204.8	7.2	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
202	G50B_050_025dd	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	45.5	−8.2	−10.1	13.0	230.7	0.274	0.389	0.368	51.5	−12.9	−19.9	23.7	237.1	12.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
203	G65B_062_037dd	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.506	0.625	49.4	−8.7	−18.3	20.3	244.4	0.265	0.443	0.487	52.1	−8.6	−25.4	26.9	251.3	7.6	228	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
204	G75B_075_050dd	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.5	0.75	51.0	−6.5	−25.1	25.9	255.4	0.251	0.457	0.614	53.7	−6.8	−28.9	29.8	256.6	4.7	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
205	G80B_087_062dd	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.489	0.875	52.3	−3.7	−31.0	31.2	263.0	0.248	0.453	0.771	53.8	−5.6	−37.1	37.5	261.3	6.5	247	0.0	0.383	1.0	41.9	−6.0	−49.6	49.9	263.0
206	G84B_100_075dd	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.487	1.0	53.3	−0.7	−37.3	37.3	268.8	0.3	0.508	0.925	47.1	0.7	−42.7	42.8	271.0	8.4	251	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
207	Y61G_062_062dd	0.25	0.625	0.0	0.625	0.625	0.312	127	0.239	0.625	0.0	49.6	−27.2	36.0	45.2	127.0	0.258	0.547	0.028	51.6	−35.6	41.0	54.3	130.9	9.9	127	0.383	1.0	0.0	69.6	−43.6	57.7	72.3	127.0
208	Y76G_062_050dd	0.25	0.625	0.125	0.625	0.5	0.375	136	0.241	0.625	0.125	49.0	−27.2	21.7	34.8	141.3	0.212	0.532	0.11	54.4	−29.8	25.4	39.2	139.5	7.0	137	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
209	G00B_062_037dd	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	50.9	−24.2	12.1	27.1	153.3	0.252	0.561	0.23	53.3	−27.9	12.4	30.5	156.0	4.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
210	G15B_062_037dd	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.368	50.9	−21.6	3.1	21.8	171.7	0.249	0.557	0.309	54.9	−23.1	0.0	23.1	180.1	5.3	168	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
211	G34B_062_037dd	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.506	51.5	−16.2	−6.2	17.4	200.9	0.268	0.531	0.397	55.8	−20.1	−13.0	23.9	213.0	8.9	191	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
212	G50B_062_037dd	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	50.1	−12.3	−15.1	19.5	230.7	0.259	0.482	0.455	56.1	−15.5	−23.3	28.0	236.3	10.6	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
213	G61B_075_050dd	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.633	0.75	54.5	−13.8	−23.5	27.2	239.6	0.244	0.58	0.611	57.1	−12.4	−28.9	31.4	246.6	6.1	222	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6
214	G69B_087_062dd	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.635	0.875	57.1	−12.3	−31.3	33.6	248.5	0.243	0.63	0.803	57.1	−10.5	−34.3	35.9	252.8	3.4	232	0.0	0.616	1.0	49.7	−19.6	−50.1	53.8	248.5
215	G75B_100_075dd	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.625	1.0	58.3	−9.7	−37.7	38.9	255.4	0.301	0.652	0.978	55.1	−10.3	−41.2	42.5	255.8	4.7	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
216	Y68G_075_075dd	0.25	0.75	0.0	0.75	0.75	0.375	131	0.237	0.75	0.0	53.6	−36.6	38.6	53.2	133.4	0.245	0.653	0.026	58.9	−42.3	46.5	62.9	132.3	11.0	131	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
217	Y81G_075_062dd	0.25	0.75	0.125	0.75	0.625	0.437	139	0.239	0.75	0.125	53.6	−35.6	25.3	43.7	144.6	0.204	0.659	0.113	57.9	−36.8	29.6	47.3	141.1	6.1	140	0.183	1.0	0.0	60.0	−57.0	40.5	70.0	144.6
218	G00B_075_050dd	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	55.8	−32.3	16.2	36.2	153.3	0.236	0.688	0.234	58.9	−34.0	18.3	38.6	151.6	4.1	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
219	G11B_075_050dd	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.366	55.6	−30.1	7.1	30.9	166.6	0.223	0.676	0.318	60.5	−31.1	8.2	32.2	165.2	5.1	162	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6
220	G25B_075_050dd	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.5	56.4	−25.1	−2.2	25.2	185.1	0.239	0.661	0.415	62.0	−26.5	−3.7	26.8	188.1	5.9	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
221	G38B_075_050dd	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.633	56.5	−20.4	−10.7	23.0	207.6	0.259	0.631	0.49	62.2	−21.9	−15.0	26.6	214.3	7.3	197	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6
222	G50B_075_050dd	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	54.6	−16.4	−20.2	26.0	230.7	0.238	0.595	0.567	61.9	−19.0	−25.6	31.9	233.3	9.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
223	G59B_087_062dd	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.76	0.875	59.0	−18.3	−28.3	33.7	237.1	0.214	0.703	0.751	61.5	−16.5	−31.9	35.9	242.6	4.7	219	0.0	0.816	1.0	52.6	−29.2	−45.4	54.0	237.1
224	G65B_100_075dd	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.762	1.0	62.5	−17.5	−36.7	40.7	244.4	0.25	0.795	0.976	60.9	−16.4	−39.4	42.7	247.3	3.2	228	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
225	Y73G_087_087dd	0.25	0.875	0.0	0.875	0.875	0.437	134	0.233	0.875	0.0	57.3	−45.9	40.5	61.2	138.5	0.21	0.749	0.022	63.5	−50.0	47.7	69.1	136.3	10.3	135	0.266	1.0	0.0	63.1	−52.5	46.3	70.0	138.5
226	Y85G_087_075dd	0.25	0.875	0.125	0.875	0.75	0.5	141	0.237	0.875	0.125	58.3	−44.0	28.8	52.6	146.7	0.193	0.786	0.118	64.6	−48.7	35.2	60.1	144.1	10.1	142	0.15	1.0	0.0	58.9	−58.7	38.4	70.1	146.7
227	G00B_087_062dd	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	60.6	−40.4	20.2	45.2	153.3	0.23	0.802	0.242	64.8	−45.6	23.5	51.3	152.7	7.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
228	G09B_087_062dd	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.364	60.3	−38.6	11.1	40.2	163.8	0.208	0.791	0.327	66.5	−40.4	11.9	42.2	163.5	6.5	159	0.0	1.0	0.183	54.7	−61.8	17.8	64.4	163.8
229	G19B_087_062dd	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.489	60.8	−34.5	2.4	34.6	176.0	0.21	0.779	0.42	66.9	−35.7	−0.4	35.7	180.7	6.8	172	0.0	1.0	0.383	55.5	−55.3	3.8	55.4	176.0
230	G30B_087_062dd	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.635	61.7	−28.3	−7.9	29.4	195.6	0.222	0.767	0.534	67.4	−30.7	−9.6	32.2	197.3	6.3	187	0.0	1.0	0.616	57.0	−45.4	−12.7	47.1	195.6
231	G40B_087_062dd	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.76	61.3	−24.7	−15.6	29.2	212.2	0.219	0.753	0.611	65.8	−26.0	−19.6	32.6	217.0	6.1	200	0.0	1.0	0.816	56.3	−39.6	−24.9	46.8	212.2
232	G50B_087_062dd	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	59.2	−20.6	−25.2	32.5	230.7	0.207	0.716	0.705	66.2	−22.2	−29.6	37.0	233.0	8.3	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
233	G57B_100_075dd	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	0.887	1.0	63.5	−22.7	−33.1	40.2	235.5	0.213	0.866	0.92	64.7	−18.6	−35.8	40.4	242.4	5.0	217	0.0	0.85	1.0	52.5	−30.3	−44.2	53.6	235.5
234	Y76G_100_100dd	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3	0.235	1.0	0.0	62.2	−53.6	44.5	69.7	140.2	1.4	137	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
235	Y86G_100_087dd	0.25	1.0	0.125	1.0	0.875	0.562	142	0.241	1.0	0.125	63.1	−52.0	32.7	61.4	147.8	0.206	0.874	0.125	64.1	−49.0	34.6	60.0	144.7	3.7	142	0.133	1.0	0.0	58.4	−59.4	37.3	70.2	147.8
236	G00B_100_075dd	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	65.5	−48.5	24.3	54.3	153.3	0.241	0.874	0.248	62.6	−49.8	26.2	56.3	152.2	3.6	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
237	G07B_100_075dd	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.362	65.0	−47.1	15.2	49.5	162.0	0.25	1.0	0.375	62.7	−47.1	15.1	49.4	162.1	2.3	157	0.0	1.0	0.15	54.6	−62.8	20.3	66.0	162.0
238	G15B_100_075dd	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.487	65.5	−43.2	6.2	43.7	171.7	0.21	0.874	0.422	63.7	−41.5	3.0	41.6	175.8	4.0	168	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
239	G25B_100_075dd	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.625	66.5	−37.7	−3.4	37.9	185.1	0.223	0.874	0.501	64.1	−35.6	−9.9	36.9	195.6	7.2	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
240	G34B_100_075dd	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.762	66.8	−32.5	−12.4	34.8	200.9	0.222	0.874	0.623	65.2	−31.2	−15.8	35.0	206.8	3.9	191	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
241	G42B_100_075dd	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.887	66.1	−28.9	−20.4	35.4	215.2	0.229	0.874	0.749	65.0	−27.2	−23.8	36.1	221.1	3.8	202	0.0	1.0	0.85	56.0	−38.5	−27.3	47.2	215.2
242	G50B_100_075dd	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	63.8	−24.7	−30.3	39.1	230.7	0.256	0.972	0.941	61.1	−25.3	−35.2	43.4	234.2	5.6	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: delta 7.1

1-1032130-F0 RE630-7N, Page 22/33-F

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, Δ*E'**

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

1-1032130-F0

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 23/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
243	R00Y_037_037dd	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	27.8	22.4	14.9	26.9	33.7	0.31	0.0	0.016	30.3	27.2	22.2	35.2	39.2	9.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
244	R18Y_037_037dd	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.118	27.5	22.4	8.8	24.1	21.4	0.315	0.0	0.125	32.0	25.7	9.6	27.5	20.4	5.6	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
245	B65R_037_037dd	0.375	0.0	0.25	0.375	0.375	0.187	349	0.375	0.0	0.256	27.5	24.8	0.4	24.8	1.0	0.298	0.0	0.169	31.0	30.7	−0.5	30.7	358.9	6.8	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
246	B50R_037_037dd	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	28.1	26.4	−4.0	26.7	351.1	0.293	0.0	0.25	31.9	36.7	−9.1	37.8	345.9	12.1	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
247	B38R_050_050dd	0.375	0.0	0.5	0.5	0.5	0.25	316	0.383	0.0	0.5	29.2	30.4	−9.3	31.8	342.8	0.304	0.0	0.316	31.7	39.1	−15.6	42.1	338.1	11.0	317	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8
248	B30R_062_062dd	0.375	0.0	0.625	0.625	0.625	0.312	307	0.385	0.0	0.625	30.2	34.4	−15.5	37.7	335.6	0.315	0.0	0.433	32.2	42.3	−21.3	47.4	333.2	9.9	307	0.616	0.0	1.0	38.5	55.0	−24.9	60.4	335.6
249	B25R_075_075dd	0.375	0.0	0.75	0.75	0.75	0.375	300	0.375	0.0	0.75	31.0	37.5	−21.7	43.3	329.9	0.317	0.0	0.563	32.4	45.0	−26.9	52.5	329.1	9.3	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
250	B20R_087_087dd	0.375	0.0	0.875	0.875	0.875	0.437	295	0.364	0.0	0.875	32.0	41.2	−27.2	49.4	326.5	0.326	0.004	0.71	33.3	45.9	−30.6	55.2	326.2	5.9	294	0.416	0.0	1.0	34.2	47.1	−31.1	56.4	326.5
251	B18R_100_100dd	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	33.3	45.2	−32.4	55.6	324.3	0.368	0.0	1.0	33.4	45.6	−32.1	55.7	324.8	0.5	291	0.366	0.0	1.0	33.3	45.2	−32.4	55.6	324.3
252	R31Y_037_037dd	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.118	0.0	34.1	12.4	24.4	27.4	63.1	0.345	0.089	0.005	37.2	9.7	29.1	30.7	71.4	6.1	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
253	R00Y_037_025dd	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	34.0	14.9	9.9	17.9	33.7	0.339	0.093	0.15	37.6	12.2	16.9	20.9	54.0	8.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
254	R00Y_037_025dd	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.25	33.7	15.5	3.0	15.8	11.0	0.322	0.108	0.208	36.0	18.0	2.8	18.3	9.0	3.4	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
255	B50R_037_025dd	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	34.2	17.6	−2.7	17.8	351.1	0.321	0.114	0.264	38.4	25.0	−9.1	26.6	339.8	10.7	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
256	B34R_050_037dd	0.375	0.125	0.5	0.5	0.375	0.312	311	0.381	0.124	0.5	35.2	21.6	−8.3	23.1	339.0	0.33	0.104	0.337	39.4	26.4	−15.5	30.6	329.5	9.6	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
257	B25R_062_050dd	0.375	0.125	0.625	0.625	0.5	0.375	300	0.375	0.125	0.625	36.1	25.0	−14.4	28.9	329.9	0.332	0.098	0.435	39.7	30.2	−21.3	37.0	324.7	9.3	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
258	B19R_075_062dd	0.375	0.125	0.75	0.75	0.625	0.437	293	0.364	0.125	0.75	37.1	28.7	−19.9	34.9	325.2	0.341	0.095	0.554	41.6	31.4	−27.1	41.5	319.1	8.8	292	0.383	0.0	1.0	33.6	45.9	−31.9	55.9	325.2
259	B15R_087_075dd	0.375	0.125	0.875	0.875	0.75	0.5	289	0.362	0.125	0.875	38.4	31.9	−25.5	40.9	321.3	0.346	0.097	0.683	37.8	39.8	−33.8	52.2	319.6	11.4	288	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
260	B13R_100_087dd	0.375	0.125	1.0	1.0	0.875	0.562	286	0.358	0.125	1.0	39.6	34.9	−31.0	46.7	318.3	0.365	0.128	0.815	37.6	37.9	−34.7	51.4	317.5	5.1	284	0.266	0.0	1.0	31.5	39.9	−35.5	53.4	318.3
261	R68Y_037_037dd	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.256	0.0	39.9	1.9	29.3	29.4	86.2	0.346	0.207	0.032	42.7	−0.4	38.3	38.3	90.6	9.6	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
262	R50Y_037_025dd	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.25	0.124	40.3	4.2	18.2	18.7	76.7	0.346	0.199	0.126	45.4	0.8	22.4	22.4	87.9	7.4	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
263	R00Y_037_012dd	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	40.1	7.4	4.9	8.9	33.7	0.345	0.222	0.242	43.6	6.9	7.0	9.8	45.4	4.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
264	B50R_037_012dd	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	40.2	8.8	−1.3	8.9	351.1	0.336	0.224	0.294	44.8	11.9	−7.0	13.8	329.3	7.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
265	B25R_050_025dd	0.375	0.25	0.5	0.5	0.25	0.375	300	0.375	0.249	0.5	41.2	12.5	−7.2	14.4	329.9	0.345	0.216	0.353	45.7	14.8	−15.6	21.5	313.5	9.7	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
266	B15R_062_037dd	0.375	0.25	0.625	0.625	0.375	0.437	289	0.368	0.25	0.625	42.3	15.9	−12.7	20.4	321.3	0.355	0.209	0.436	47.0	17.3	−21.6	27.7	308.6	10.1	288	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
267	B11R_075_050dd	0.375	0.25	0.75	0.75	0.5	0.5	284	0.366	0.25	0.75	43.7	19.0	−18.3	26.4	316.1	0.366	0.209	0.547	48.2	18.8	−26.9	32.9	305.0	9.7	282	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1
268	B09R_087_062dd	0.375	0.25	0.875	0.875	0.625	0.562	281	0.364	0.25	0.875	45.6	21.9	−24.1	32.6	312.2	0.378	0.214	0.687	44.4	27.0	−34.8	44.0	307.8	11.8	279	0.183	0.0	1.0	31.2	35.1	−38.6	52.2	312.2
269	B07R_100_075dd	0.375	0.25	1.0	1.0	0.75	0.625	279	0.362	0.25	1.0	47.5	24.8	−29.8	38.8	309.7	0.419	0.264	0.825	42.4	27.3	−36.1	45.3	307.0	8.4	278	0.15	0.0	1.0	31.2	33.0	−39.8	51.7	309.7
270	Y00G_037_037dd	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	44.4	−5.4	31.5	32.0	99.7	0.332	0.297	0.049	51.8	−10.2	44.8	45.9	102.9	15.9	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
271	Y00G_037_025dd	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	45.0	−3.6	21.0	21.3	99.7	0.333	0.291	0.136	54.0	−8.6	31.8	32.9	105.1	14.8	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
272	Y00G_037_012dd	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	45.7	−1.8	10.5	10.6	99.7	0.342	0.315	0.231	51.5	−5.6	13.8	14.9	112.1	7.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
273	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	49.3	0.1	−1.1	1.1	276.0	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
274	B00R_050_012dd	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	48.2	3.0	−5.4	6.2	299.6	0.371	0.346	0.401	50.4	2.7	−14.3	14.6	280.9	9.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
275	B00R_062_025dd	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	50.2	6.1	−10.8	12.4	299.6	0.403	0.352	0.479	51.6	5.4	−20.3	21.1	284.8	9.6	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
276	B00R_075_037dd	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	52.1	9.2	−16.2	18.7	299.6	0.425	0.365	0.589	53.0	7.9	−25.5	26.7	287.3	9.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
277	B00R_087_050dd	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	54.0	12.3	−21.6	24.9	299.6	0.444	0.371	0.732	51.7	14.5	−34.3	37.3	293.0	13.0	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
278	B00R_100_062dd	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	56.0	15.4	−27.1	31.1	299.6	0.477	0.411	0.836	48.4	16.5	−36.0	39.7	294.6	11.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
279	Y23G_050_050dd	0.375	0.5	0.0	0.5	0.5	0.25	104	0.383	0.5	0.0	53.0	−10.7	44.5	45.8	103.5	0.401	0.436	0.03	51.3	−14.3	49.0	51.0	106.2	5.9	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
280	Y31G_050_037dd	0.375	0.5	0.125	0.5	0.375	0.312	109	0.381	0.5	0.124	52.1	−10.0	30.6	32.2	108.1	0.351	0.382	0.113	57.7	−15.0	33.8	37.0	114.0	8.2	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
281	Y50G_050_025dd	0.375	0.5	0.25	0.5	0.25	0.375	120	0.375	0.5	0.249	50.7	−9.5	16.2	18.8	120.4	0.34	0.401	0.216	56.7	−13.1	17.2	21.6	127.2	7.0	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
282	G00B_050_012dd	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	51.2	−8.0	4.0	9.0	153.3	0.344	0.431	0.323	56.1	−10.1	3.5	10.7	160.9	5.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
283	G50B_050_012dd	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	50.9	−4.1	−5.0	6.5	230.7	0.353	0.42	0.408	56.7	−7.4	−11.0	13.3	236.1	8.9	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
284	G75B_062_025dd	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.5	0.625	53.6	−3.2	−12.5	12.9	255.4	0.37	0.445	0.498	55.8	−4.2	−19.8	20.2	257.9	7.6	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
285	G84B_075_037dd	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.493	0.75	54.8	−0.3	−18.6	18.6	268.8	0.388	0.458	0.612	56.4	−2.1	−24.9	25.0	265.0	6.7	251	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
286	G88B_087_050dd	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.491	0.875	56.0	2.8	−24.5	24.7	276.5	0.397	0.46	0.756	58.1	1.7	−33.0	33.0	273.0	8.8	257	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5
287	G90B_100_062dd	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.489	1.0	58.1	6.1	−29.8	30.4	281.6	0.42	0.478	0.853	53.2	6.8	−36.1	36.7	280.8	7.9	260	0.0	0.183	1.0	35.2	9.8	−47.7	48.7	281.6
288	Y38G_062_062dd	0.375	0.625	0.0	0.625	0.625	0.312	113	0.385	0.625	0.0	56.6	−19.1	46.8	50.6	112.2	0.392	0.58	0.037	55.3	−23.5	50.1	55.4	115.1	5.6	112	0.616	1.0	0.0	80.7	−30.6	74.9	80.9	112.2
289	Y50G_062_050dd	0.375	0.625	0.125	0.625	0.5	0.375	120	0.375	0.625	0.125	55.1	−19.0	32.4	37.6	120.4	0.332	0.526	0.108	61.7	−21.7	37.1	43.0	120.3	8.5	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
290	Y68G_062_037dd	0.375	0.625	0.25	0.625	0.375	0.437	131	0.368	0.625	0.25	54.9	−18.3	19.3	26.6	133.4	0.328	0.532	0.213	61.4	−21.3	22.1	30.7	133.9	7.7	131	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
291	G00B_062_025dd	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	56.0	−16.1	8.1	18.1	153.3	0.34	0.545	0.323	61.8	−19.4	8.0	21.0	157.4	6.6	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
292	G25B_062_025dd	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.5	56.4	−12.5	−1.1	12.6	185.1	0.352	0.532	0.411	62.1	−14.8	−4.0	15.3	195.3	6.8	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
293	G50B_062_025dd	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	55.5	−8.2	−10.1	13.0	230.7	0.357	0.496	0.48	63.4	−12.8	−15.6	20.2	230.4	10.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
294	G65B_075_037dd	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.631	0.75	59.4	−8.7	−18.3	20.3	244.4	0.368	0.564	0.629	62.2	−9.9	−24.4	26.3	247.8	6.7	228	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
295	G75B_087_050dd	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.625	0.875	61.0	−6.5	−25.1	25.9	255.4	0.386	0.586	0.773	62.4	−7.6	−29.2	30.1	255.3	4.4	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
296	G80B_100_062dd	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.614	1.0	62.3	−3.7	−31.0	31.2	263.0	0.423	0.626	0.941	58.1	−4.4	−37.0	37.3	263.1	7.4	247	0.0	0.383	1.0	41.9	−6.0	−49.6	49.9	263.0
297	Y50G_075_075dd	0.375	0.75	0.0	0.75	0.75	0.375	120	0.375	0.75	0.0	59.5	−28.5	48.6	56.4	120.4	0.359	0.682	0.025	63.5	−31.8	55.8	64.3	119.6	8.8	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
298	Y61G_075_062dd	0.375	0.75	0.125	0.75	0.625	0.437	127	0.364	0.75	0.125	59.6	−27.2	36.0	45.2	127.0	0.331	0.656	0.106	66.7	−30.6	40.3	50.6	127.1	8.9	127	0.383	1.0	0.0	69.6	−43.6	57.7	72.3	127.0
299	Y76G_075_050dd	0.375	0.75	0.25	0.75	0.5	0.5	136	0.366	0.75	0.25	59.0	−27.2	21.7	34.8	141.3	0.31	0.663	0.221	66.3	−28.8	25.8	38.7	138.1	8.5	137	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
300	G00B_075_037dd	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	60.9	−24.2	12.1	27.1	153.3	0.332	0.667	0.33	66.8	−25.9	13.3	29.2	152.7	6.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
301	G15B_075_037dd	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.493	60.9	−21.6	3.1	21.8	171.7	0.328	0.658	0.414	68.0	−22.0	3.1	22.2	171.8	7.1	168	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
302	G34B_075_037dd	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.631	61.5	−16.2	−6.2	17.4	200.9	0.351	0.635	0.513	67.6	−19.1	−9.9	21.5	207.4	7.6	191	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
303	G50B_075_037dd	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	60.0	−12.3	−15.1	19.5	230.7	0.348	0.595	0.588	67.7	−17.3	−21.2	27.4	230.7	10.9	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
304	G61B_087_050dd	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.758	0.875	64.4	−13.8	−23.5	27.2	239.6	0.363	0.687	0.755	67.4	−13.8	−28.2	31.4	243.8	5.5	222	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6
305	G69B_100_062dd	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.76	1.0	67.1	−12.3	−31.3	33.6	248.5	0.395	0.746	0.967	66.5	−13.0	−33.3	35.7	248.6	2.1	232	0.0	0.616	1.0	49.7	−19.6	−50.1	53.8	248.5
306	Y58G_087_087dd	0.375	0.875	0.0	0.875	0.875	0.437	125	0.364	0.875	0.0	64.0	−36.9	52.3	64.0	125.1	0.342	0.792	0.014	67.9	−38.7	57.9	69.7	123.7	7.0	125	0.416	1.0	0.0	70.9	−42.1	59.8	73.1	125.1
307	Y68G_087_075dd	0.375	0.875	0.125	0.875	0.75	0.5	131	0.362	0.875	0.125	63.6	−36.6	38.6	53.2	133.4	0.313	0.781	0.108	71.1	−38.6	47.1	60.9	129.3	11.5	131	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
308	Y81G_087_062dd	0.375	0.875	0.25	0.875	0.625	0.562	139	0.364	0.875	0.25	63.6	−35.6	25.3	43.7	144.6	0.301	0.79	0.228	71.0	−36.0	30.3	47.1	139.9	8.9	140	0.183	1.0	0.0	60.0	−57.0	40.5	70.0	144.6
309	G00B_087_050dd	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	65.7	−32.3	16.2	36.2	153.3	0.318	0.794	0.34	72.6	−34.0	20.4	39.6	149.0	8.1	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
310	G11B_087_050dd	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.491	65.6	−30.1	7.1	30.9	166.6	0.303	0.79	0.429	73.1	−30.5	8.4	31.7	164.5	7.6	162	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6
311	G25B_087_050dd	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.625	66.4	−25.1	−2.2	25.2	185.1	0.318	0.779	0.536	72.4	−26.9	−2.4	27.0	185.2	6.2	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
312	G38B_087_050dd	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.758	66.5	−20.4	−10.7	23.0	207.6	0.342	0.757	0.622	71.6	−23.8	−14.3	27.7	211.0	7.0	197	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6
313	G50B_087_050dd	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	64.6	−16.4	−20.2	26.0	230.7	0.341	0.712	0.709	71.6	−19.1	−26.4	32.6	234.0	9.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
314	G59B_100_062dd	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	0.885	1.0	68.9	−18.3	−28.3	33.7	237.1	0.343	0.841	0.888	70.4	−16.4	−31.2	35.2	242.2	3.6	219	0.0	0.816	1.0	52.6	−29.2	−45.4	54.0	237.1
315	Y63G_100_100dd	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	68.9	−44.7	56.4	72.0	128.4	0.367	1.0	0.0	69.3	−44.0	57.2	72.1	127.5	1.1	128	0.366	1.0	0.0	68.9	−44.7	56.4	72.0	128.4
316	Y73G_100_087dd	0.375	1.0	0.125	1.0	0.875	0.562	134	0.358	1.0	0.125	67.3	−45.9	40.5	61.2	138.5	0.295	0.874	0.118	69.7	−43.0	47.7	64.2	131.9	8.2	135	0.266	1.0	0.0	63.1	−52.5	46.3	70.0	138.5
317	Y85G_100_075dd	0.375	1.0	0.25	1.0	0.75	0.625	141	0.362	1.0	0.25	68.3	−44.0	28.8	52.6	146.7	0.3	0.874	0.235	70.8	−39.2	31.4	50.2	141.2	6.0	142	0.15	1.0	0.0	58.9	−58.7	38.4	70.1	146.7
318	G00B_100_062dd	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	70.6	−40.4	20.2	45.2	153.3	0.314	0.874	0.344	70.5	−38.1	22.9	44.5	148.9	3.5	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
319	G09B_100_062dd	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.489	70.3	−38.6	11.1	40.2	163.8	0.296	0.874	0.427	71.1	−34.5	13.1	36.9	159.2	4.6	159	0.0	1.0	0.183	54.7	−61.8	17.8	64.4	163.8
320	G19B_100_062dd	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.614	70.8	−34.5	2.4	34.6	176.0	0.306	0.874	0.501	71.8	−30.4	0.7	30.4	178.6	4.5	172	0.0	1.0	0.383	55.5	−55.3	3.8	55.4	176.0
321	G30B_100_062dd	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.76	71.7	−28.3	−7.9	29.4	195.6	0.376	1.0	0.733	71.4	−26.3	−11.6	28.8	203.8	4.2	187	0.0	1.0	0.616	57.0	−45.4	−12.7	47.1	195.6
322	G40B_100_062dd	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.885	71.3	−24.7	−15.6	29.2	212.2	0.375	0.996	0.822	71.2	−23.7	−18.0	29.8	217.1	2.5	200	0.0	1.0	0.816	56.3	−39.6	−24.9	46.8	212.2
323	G50B_100_062dd	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	69.2	−20.6	−25.2	32.5	230.7	0.332	0.86	0.845	70.0	−19.9	−28.6	34.8	235.1	3.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: delta 7.7

1-1032230-F0

RE630−7N, Page 23/33−F

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'*$

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

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 24/33

n	HIC^*_{Fdd}	rgb_{Fdd}			ict_{Fdd}			$h_{si\_F,dd}$	rgb^*_{Fdd}			$LabCh^*_{Fdd}$					rgb'^*_{Fdd}			$LabCh'^*_{Fdd}$					DE'^*_{Fdd}	$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
324	R00Y_050_050dd	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	31.6	29.9	19.9	35.9	33.7	0.415	0.0	0.041	32.6	38.4	27.1	47.1	35.2	11.2	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
325	R26Y_050_050dd	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.116	31.3	29.6	14.4	32.9	25.9	0.401	0.0	0.084	34.4	34.7	17.7	38.9	27.0	6.8	377	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9
326	R00Y_050_050dd	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.25	31.1	31.1	6.0	31.7	11.0	0.396	0.0	0.172	33.6	37.5	6.2	38.0	9.4	6.8	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
327	B61R_050_050dd	0.5	0.0	0.375	0.5	0.5	0.25	344	0.5	0.0	0.383	31.3	34.0	−1.9	34.0	356.7	0.396	0.0	0.284	33.5	42.3	−3.5	42.5	355.1	8.7	342	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7
328	B50R_050_050dd	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.0	35.2	−5.4	35.6	351.1	0.392	0.003	0.334	34.4	45.4	−10.4	46.6	347.0	11.6	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
329	B40R_062_062dd	0.5	0.0	0.625	0.625	0.625	0.312	319	0.51	0.0	0.625	33.1	39.1	−10.9	40.6	344.3	0.419	0.009	0.447	34.6	48.3	−16.4	51.0	341.2	10.7	320	0.816	0.0	1.0	43.2	62.7	−17.5	65.1	344.3
330	B34R_075_075dd	0.5	0.0	0.75	0.75	0.75	0.375	311	0.512	0.0	0.75	34.2	43.2	−16.6	46.3	339.0	0.444	0.013	0.58	35.0	49.8	−22.9	54.9	335.2	9.1	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
331	B29R_087_087dd	0.5	0.0	0.875	0.875	0.875	0.437	305	0.51	0.0	0.875	35.1	46.9	−22.8	52.2	334.0	0.466	0.013	0.726	36.1	51.2	−26.9	57.8	332.2	5.9	305	0.583	0.0	1.0	37.8	53.6	−26.1	59.6	334.0
332	B25R_100_100dd	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9	0.501	0.0	0.999	35.9	50.0	−28.9	57.8	329.9	0.0	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
333	R23Y_050_050dd	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.116	0.0	37.8	20.7	30.4	36.8	55.7	0.466	0.106	0.021	39.0	21.7	35.4	41.5	58.5	5.1	42	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
334	R00Y_050_037dd	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	37.8	22.4	14.9	26.9	33.7	0.457	0.093	0.168	41.0	20.3	23.3	30.9	48.8	9.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
335	R18Y_050_037dd	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.243	37.5	22.4	8.8	24.1	21.4	0.445	0.103	0.226	40.0	23.2	10.0	25.2	23.3	2.9	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
336	B65R_050_037dd	0.5	0.125	0.375	0.5	0.375	0.312	349	0.5	0.124	0.381	37.5	24.8	0.4	24.8	1.0	0.431	0.107	0.305	40.1	28.2	−1.4	28.3	357.1	4.6	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
337	B50R_050_037dd	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	38.1	26.4	−4.0	26.7	351.1	0.423	0.112	0.352	41.6	33.7	−10.4	35.2	342.8	10.3	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
338	B38R_062_050dd	0.5	0.125	0.625	0.625	0.5	0.375	316	0.508	0.125	0.625	39.2	30.4	−9.3	31.8	342.8	0.446	0.11	0.447	41.6	37.5	−16.3	40.9	336.4	10.2	317	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8
339	B30R_075_062dd	0.5	0.125	0.75	0.75	0.625	0.437	307	0.51	0.125	0.75	40.2	34.4	−15.5	37.7	335.6	0.457	0.112	0.57	42.9	39.4	−21.9	45.1	330.9	8.5	307	0.616	0.0	1.0	38.5	55.0	−24.9	60.4	335.6
340	B25R_087_075dd	0.5	0.125	0.875	0.875	0.75	0.5	300	0.5	0.125	0.875	41.0	37.5	−21.7	43.3	329.9	0.459	0.11	0.704	41.1	45.0	−29.4	53.8	326.8	10.8	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
341	B20R_100_087dd	0.5	0.125	1.0	1.0	0.875	0.562	295	0.489	0.125	1.0	42.0	41.2	−27.2	49.4	326.5	0.486	0.134	0.827	39.2	43.3	−31.4	53.5	324.0	5.4	294	0.416	0.0	1.0	34.2	47.1	−31.1	56.4	326.5
342	R50Y_050_050dd	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	44.2	8.5	36.4	37.4	76.7	0.484	0.233	0.035	44.3	7.9	41.5	42.3	79.1	5.2	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
343	R31Y_050_037dd	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.243	0.124	44.1	12.4	24.4	27.4	63.1	0.479	0.191	0.129	47.9	7.3	28.4	29.4	75.4	7.4	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
344	R00Y_050_025dd	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	44.0	14.9	9.9	17.9	33.7	0.483	0.212	0.269	46.3	11.1	14.3	18.1	52.1	6.2	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
345	R00Y_050_025dd	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.375	43.7	15.5	3.0	15.8	11.0	0.449	0.214	0.318	46.9	16.0	1.3	16.1	4.7	3.6	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
346	B50R_050_025dd	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	44.1	17.6	−2.7	17.8	351.1	0.446	0.216	0.373	49.4	20.8	−9.3	22.8	335.8	9.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
347	B34R_062_037dd	0.5	0.25	0.625	0.625	0.375	0.437	311	0.506	0.25	0.625	45.2	21.6	−8.3	23.1	339.0	0.463	0.209	0.459	48.1	25.2	−15.7	29.7	328.0	8.7	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
348	B25R_075_050dd	0.5	0.25	0.75	0.75	0.5	0.5	300	0.5	0.25	0.75	46.1	25.0	−14.4	28.9	329.9	0.47	0.214	0.566	49.9	26.2	−21.0	33.6	321.1	7.7	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
349	B19R_087_062dd	0.5	0.25	0.875	0.875	0.625	0.562	293	0.489	0.25	0.875	47.1	28.7	−19.9	34.9	325.2	0.487	0.214	0.7	47.5	32.8	−30.0	44.5	317.5	10.9	292	0.383	0.0	1.0	33.6	45.9	−31.9	55.9	325.2
350	B15R_100_075dd	0.5	0.25	1.0	1.0	0.75	0.625	289	0.487	0.25	1.0	48.3	31.9	−25.5	40.9	321.3	0.516	0.239	0.821	44.2	33.7	−32.0	46.5	316.4	7.9	288	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
351	R76Y_050_050dd	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.383	0.0	49.8	−0.9	39.4	39.4	91.3	0.465	0.337	0.052	48.8	−1.2	47.1	47.1	91.5	7.8	77	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
352	R68Y_050_037dd	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.381	0.124	49.9	1.9	29.3	29.4	86.2	0.46	0.295	0.124	55.4	−1.8	35.6	35.6	92.9	9.1	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
353	R50Y_050_025dd	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.375	0.249	50.3	4.2	18.2	18.7	76.7	0.48	0.317	0.234	54.3	0.8	19.9	19.9	87.4	5.5	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
354	R00Y_050_012dd	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	50.1	7.4	4.9	8.9	33.7	0.473	0.328	0.35	53.1	5.6	5.0	7.5	41.7	3.4	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
355	B50R_050_012dd	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	50.2	8.8	−1.3	8.9	351.1	0.461	0.331	0.406	54.6	10.6	−7.2	12.8	325.7	7.5	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
356	B25R_062_025dd	0.5	0.375	0.625	0.625	0.25	0.5	300	0.5	0.375	0.625	51.2	12.5	−7.2	14.4	329.9	0.475	0.323	0.476	54.5	15.0	−14.1	20.6	316.8	8.0	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
357	B15R_075_037dd	0.5	0.375	0.75	0.75	0.375	0.562	289	0.493	0.375	0.75	52.3	15.9	−12.7	20.4	321.3	0.49	0.335	0.578	55.5	15.7	−19.5	25.1	308.8	7.4	288	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
358	B11R_087_050dd	0.5	0.375	0.875	0.875	0.5	0.625	284	0.491	0.375	0.875	53.7	19.0	−18.3	26.4	316.1	0.51	0.339	0.718	53.8	22.1	−29.8	37.1	306.6	11.8	282	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1
359	B09R_100_062dd	0.5	0.375	1.0	1.0	0.625	0.687	281	0.489	0.375	1.0	55.6	21.9	−24.1	32.6	312.2	0.538	0.373	0.828	51.1	22.5	−31.5	38.8	305.5	8.6	279	0.183	0.0	1.0	31.2	35.1	−38.6	52.2	312.2
360	Y00G_050_050dd	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	53.8	−7.2	42.0	42.7	99.7	0.442	0.411	0.058	58.5	−10.2	57.3	58.2	100.0	16.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
361	Y00G_050_037dd	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	54.4	−5.4	31.5	32.0	99.7	0.43	0.377	0.139	62.8	−9.9	42.3	43.4	103.1	14.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
362	Y00G_050_025dd	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	55.0	−3.6	21.0	21.3	99.7	0.457	0.404	0.235	62.4	−7.8	27.0	28.1	106.2	10.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
363	Y00G_050_012dd	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	55.7	−1.8	10.5	10.6	99.7	0.463	0.429	0.335	61.3	−4.4	11.0	11.8	112.1	6.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
364	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	59.2	0.1	−1.0	1.0	279.0	3.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
365	B00R_062_012dd	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	58.2	3.0	−5.4	6.2	299.6	0.495	0.471	0.53	61.1	3.0	−12.8	13.2	283.3	7.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
366	B00R_075_025dd	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	60.2	6.1	−10.8	12.4	299.6	0.521	0.476	0.609	61.6	5.4	−18.1	19.0	286.7	7.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
367	B00R_087_037dd	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	62.1	9.2	−16.2	18.7	299.6	0.547	0.487	0.749	62.3	9.7	−27.0	28.7	289.7	10.7	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
368	B00R_100_050dd	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	64.0	12.3	−21.6	24.9	299.6	0.559	0.501	0.839	57.5	11.5	−30.8	32.9	290.5	11.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
369	Y18G_062_062dd	0.5	0.625	0.0	0.625	0.625	0.312	101	0.51	0.625	0.0	63.1	−12.3	56.7	58.1	102.2	0.528	0.583	0.038	61.6	−14.7	60.5	62.3	103.7	4.7	99	0.816	1.0	0.0	91.2	−19.7	90.8	92.9	102.2
370	Y23G_062_050dd	0.5	0.625	0.125	0.625	0.5	0.375	104	0.508	0.625	0.125	63.0	−10.7	44.5	45.8	103.5	0.501	0.521	0.113	66.8	−14.9	47.4	49.7	107.4	6.3	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
371	Y31G_062_037dd	0.5	0.625	0.25	0.625	0.375	0.437	109	0.506	0.625	0.25	62.0	−10.0	30.6	32.2	108.1	0.48	0.513	0.212	67.3	−14.3	32.4	35.4	113.7	6.9	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
372	Y50G_062_025dd	0.5	0.625	0.375	0.625	0.25	0.5	120	0.5	0.625	0.375	60.7	−9.5	16.2	18.8	120.4	0.453	0.523	0.318	67.3	−12.0	17.6	21.3	124.3	7.2	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
373	G00B_062_012dd	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	61.1	−8.0	4.0	9.0	153.3	0.451	0.546	0.434	68.1	−9.6	4.1	10.5	156.5	7.1	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
374	G50B_062_012dd	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	60.9	−4.1	−5.0	6.5	230.7	0.464	0.537	0.529	67.3	−6.7	−11.6	13.5	239.8	9.6	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
375	G75B_075_025dd	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.625	0.75	63.6	−3.2	−12.5	12.9	255.4	0.482	0.565	0.618	67.6	−3.4	−16.4	16.7	258.2	5.5	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
376	G84B_087_037dd	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.618	0.875	64.8	−0.3	−18.6	18.6	268.8	0.489	0.576	0.761	67.7	−1.3	−23.9	23.9	266.7	6.1	251	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
377	G88B_100_050dd	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.616	1.0	66.0	2.8	−24.5	24.7	276.5	0.507	0.58	0.871	63.6	1.8	−29.9	30.0	273.4	6.0	257	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5
378	Y31G_075_075dd	0.5	0.75	0.0	0.75	0.75	0.375	109	0.512	0.75	0.0	67.8	−20.0	61.2	64.4	108.1	0.504	0.705	0.032	69.6	−23.0	66.2	70.1	109.1	6.1	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
379	Y38G_075_062dd	0.5	0.75	0.125	0.75	0.625	0.437	113	0.51	0.75	0.125	66.6	−19.1	46.8	50.6	112.2	0.467	0.659	0.119	71.8	−22.7	54.0	58.6	112.8	9.6	112	0.616	1.0	0.0	80.7	−30.6	74.9	80.9	112.2
380	Y50G_075_050dd	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	65.1	−19.0	32.4	37.6	120.4	0.44	0.642	0.213	72.1	−21.4	35.7	41.7	120.9	8.1	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
381	Y68G_075_037dd	0.5	0.75	0.375	0.75	0.375	0.562	131	0.493	0.75	0.375	64.9	−18.3	19.3	26.6	133.4	0.43	0.643	0.32	73.0	−20.2	22.1	29.9	132.4	8.7	131	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
382	G00B_075_025dd	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	66.0	−16.1	8.1	18.1	153.3	0.435	0.655	0.434	73.0	−16.4	10.1	19.2	148.2	7.2	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
383	G25B_075_025dd	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.625	66.3	−12.5	−1.1	12.6	185.1	0.446	0.644	0.526	72.9	−13.8	−1.9	13.9	187.8	6.7	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
384	G50B_075_025dd	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	65.5	−8.2	−10.1	13.0	230.7	0.463	0.611	0.597	73.7	−12.5	−15.0	19.5	230.3	10.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
385	G65B_087_037dd	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.756	0.875	69.4	−8.7	−18.3	20.3	244.4	0.475	0.686	0.769	72.6	−9.9	−22.4	24.5	246.1	5.3	228	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
386	G75B_100_050dd	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.75	1.0	70.9	−6.5	−25.1	25.9	255.4	0.522	0.73	0.945	69.6	−7.8	−28.8	29.9	254.7	4.2	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
387	Y41G_087_087dd	0.5	0.875	0.0	0.875	0.875	0.437	115	0.51	0.875	0.0	71.0	−28.8	63.1	69.4	114.5	0.472	0.819	0.016	74.1	−29.9	67.7	74.0	113.8	5.6	114	0.583	1.0	0.0	78.8	−33.0	72.1	79.3	114.5
388	Y50G_087_075dd	0.5	0.875	0.125	0.875	0.75	0.5	120	0.5	0.875	0.125	69.5	−28.5	48.6	56.4	120.4	0.432	0.772	0.113	76.3	−29.2	56.4	63.6	117.4	10.3	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
389	Y61G_087_062dd	0.5	0.875	0.25	0.875	0.625	0.562	127	0.489	0.875	0.25	69.6	−27.2	36.0	45.2	127.0	0.432	0.769	0.21	75.7	−28.7	37.5	47.2	127.5	6.4	127	0.383	1.0	0.0	69.6	−43.6	57.7	72.3	127.0
390	Y76G_087_050dd	0.5	0.875	0.375	0.875	0.5	0.625	136	0.491	0.875	0.375	68.9	−27.2	21.7	34.8	141.3	0.405	0.774	0.323	75.8	−27.6	24.0	36.6	138.9	7.2	137	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
391	G00B_087_037dd	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	70.9	−24.2	12.1	27.1	153.3	0.421	0.786	0.444	77.2	−25.3	14.4	29.1	150.3	6.7	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
392	G15B_087_037dd	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.618	70.9	−21.6	3.1	21.8	171.7	0.418	0.782	0.538	78.2	−22.9	5.3	23.5	166.9	7.7	168	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
393	G34B_087_037dd	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.756	71.5	−16.2	−6.2	17.4	200.9	0.456	0.76	0.644	77.5	−19.6	−7.8	21.1	201.8	7.0	191	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
394	G50B_087_037dd	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	70.0	−12.3	−15.1	19.5	230.7	0.459	0.716	0.719	77.5	−15.5	−20.5	25.7	232.9	9.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
395	G61B_100_050dd	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	0.883	1.0	74.4	−13.8	−23.5	27.2	239.6	0.482	0.835	0.906	74.6	−13.1	−26.3	29.4	243.5	2.9	222	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6
396	Y50G_100_100dd	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4	0.501	0.999	0.0	73.9	−38.0	64.8	75.2	120.4	0.0	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
397	Y58G_100_087dd	0.5	1.0	0.125	1.0	0.875	0.562	125	0.489	1.0	0.125	74.0	−36.9	52.3	64.0	125.1	0.471	0.982	0.143	75.2	−36.4	56.9	67.5	122.6	4.7	125	0.416	1.0	0.0	70.9	−42.1	59.8	73.1	125.1
398	Y68G_100_075dd	0.5	1.0	0.25	1.0	0.75	0.625	131	0.487	1.0	0.25	73.5	−36.6	38.6	53.2	133.4	0.459	1.0	0.249	74.9	−35.2	42.0	54.8	130.0	3.9	131	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
399	Y81G_100_062dd	0.5	1.0	0.375	1.0	0.625	0.687	139	0.489	1.0	0.375	73.6	−35.6	25.3	43.7	144.6	0.445	1.0	0.376	76.5	−30.9	26.7	40.9	139.2	5.6	140	0.183	1.0	0.0	60.0	−57.0	40.5	70.0	144.6
400	G00B_100_050dd	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	75.7	−32.3	16.2	36.2	153.3	0.46	1.0	0.501	77.7	−27.5	17.5	32.6	147.4	5.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
401	G11B_100_050dd	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.616	75.6	−30.1	7.1	30.9	166.6	0.375	0.875	0.5	78.0	−25.5	9.2	27.1	160.1	5.6	162	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6
402	G25B_100_050dd	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.75	76.4	−25.1	−2.2	25.2	185.1	0.445	0.874	0.682	77.5	−21.6	−5.3	22.2	193.8	4.8	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
403	G38B_100_050dd	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.883	76.5	−20.4	−10.7	23.0	207.6	0.483	0.945	0.79	76.7	−19.5	−13.7	23.9	215.1	3.2	197	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6
404	G50B_100_050dd	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	74.6	−16.4	−20.2	26.0	230.7	0.46	0.847	0.844	75.5	−15.9	−24.6	29.3	237.0	4.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: delta 7.2

1-1032330-F0 RE630−7N, Page 24/33−F

TUB-test chart RE63; 1080 standard colours, cf=1
colors and differences, $\Delta E'^*$

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

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 25/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
405	R00Y_062_062dd	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	35.5	37.3	24.9	44.9	33.7	0.55	0.016	0.062	35.7	44.9	29.4	53.7	33.2	8.7	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
406	R31Y_062_062dd	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.114	35.1	37.1	19.7	42.0	28.0	0.538	0.0	0.12	36.9	42.3	23.1	48.2	28.6	6.5	380	1.0	0.0	0.183	46.4	59.3	31.6	67.2	28.0
407	R11Y_062_062dd	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.239	34.8	37.7	11.9	39.5	17.5	0.534	0.006	0.209	35.6	44.0	13.1	46.0	16.5	6.5	367	1.0	0.0	0.383	45.9	60.3	19.1	63.3	17.5
408	B69R_062_062dd	0.625	0.0	0.375	0.625	0.625	0.312	353	0.625	0.0	0.385	35.0	40.5	3.2	40.6	4.6	0.545	0.014	0.323	35.3	46.7	2.9	46.8	3.6	6.2	352	1.0	0.0	0.616	46.2	64.8	5.2	65.0	4.6
409	B59R_062_062dd	0.625	0.0	0.5	0.625	0.625	0.312	341	0.625	0.0	0.51	35.3	43.1	−3.9	43.3	354.7	0.541	0.017	0.423	36.0	50.4	−5.4	50.7	353.8	7.5	339	1.0	0.0	0.816	46.7	69.0	−6.3	69.3	354.7
410	B50R_062_062dd	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	35.9	44.0	−6.8	44.5	351.1	0.539	0.021	0.469	36.7	53.6	−12.4	55.1	346.9	11.2	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
411	B42R_075_075dd	0.625	0.0	0.75	0.75	0.75	0.375	321	0.637	0.0	0.75	37.0	47.9	−12.5	49.5	345.3	0.563	0.024	0.59	37.9	54.9	−18.4	58.0	341.4	9.2	322	0.85	0.0	1.0	43.9	63.9	−16.7	66.0	345.3
412	B36R_087_087dd	0.625	0.0	0.875	0.875	0.875	0.437	314	0.641	0.0	0.875	38.2	52.1	−17.4	54.9	341.5	0.601	0.018	0.713	38.7	55.5	−22.5	59.9	337.8	6.2	315	0.733	0.0	1.0	41.3	59.5	−19.9	62.8	341.5
413	B31R_100_100dd	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	38.9	55.7	−24.2	60.8	336.4	0.632	0.0	1.0	38.7	55.4	−24.5	60.6	336.0	0.5	308	0.633	0.0	1.0	38.9	55.7	−24.2	60.8	336.4
414	R18Y_062_062dd	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.114	0.0	41.3	29.7	36.4	47.0	50.8	0.614	0.126	0.022	40.9	30.7	38.1	49.0	51.1	2.0	39	1.0	0.183	0.0	56.3	47.5	58.3	75.2	50.8
415	R00Y_062_050dd	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	41.6	29.9	19.9	35.9	33.7	0.596	0.108	0.199	43.7	29.0	29.8	41.5	45.7	10.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
416	R26Y_062_050dd	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.241	41.3	29.6	14.4	32.9	25.9	0.586	0.112	0.248	42.8	30.4	16.5	34.6	28.4	2.7	377	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9
417	R00Y_062_050dd	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.375	41.1	31.1	6.0	31.7	11.0	0.574	0.114	0.335	42.8	33.1	5.5	33.6	9.4	2.6	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
418	B61R_062_050dd	0.625	0.125	0.5	0.625	0.5	0.375	344	0.625	0.125	0.508	41.3	34.0	−1.9	34.0	356.7	0.561	0.113	0.429	43.9	37.4	−3.0	37.5	355.4	4.4	342	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7
419	B50R_062_050dd	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	42.0	35.2	−5.4	35.6	351.1	0.557	0.118	0.478	44.1	42.4	−11.4	43.9	344.8	9.6	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
420	B40R_075_062dd	0.625	0.125	0.75	0.75	0.625	0.437	319	0.635	0.125	0.75	43.1	39.1	−10.9	40.6	344.3	0.577	0.125	0.585	45.3	45.1	−17.2	48.2	339.0	8.9	320	0.816	0.0	1.0	43.2	62.7	−17.5	65.1	344.3
421	B34R_087_075dd	0.625	0.125	0.875	0.875	0.75	0.5	311	0.637	0.125	0.875	44.2	43.2	−16.6	46.3	339.0	0.595	0.122	0.71	44.7	49.7	−23.4	55.0	334.7	9.4	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
422	B29R_100_087dd	0.625	0.125	1.0	1.0	0.875	0.562	305	0.635	0.125	1.0	45.1	46.9	−22.8	52.2	334.0	0.606	0.138	0.846	42.4	48.2	−27.0	55.3	330.6	5.1	305	0.583	0.0	1.0	37.8	53.6	−26.1	59.6	334.0
423	R38Y_062_062dd	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.239	0.0	48.0	16.7	42.6	45.7	68.6	0.633	0.255	0.028	45.9	17.1	43.9	47.2	68.7	2.5	52	1.0	0.383	0.0	67.0	26.7	68.2	73.2	68.6
424	R23Y_062_050dd	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.241	0.125	47.8	20.7	30.4	36.8	55.7	0.616	0.198	0.136	51.1	15.1	33.4	36.7	65.6	7.1	42	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
425	R00Y_062_037dd	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	47.8	22.4	14.9	26.9	33.7	0.612	0.21	0.291	50.7	17.7	20.6	27.2	49.2	7.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
426	R18Y_062_037dd	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.368	47.5	22.4	8.8	24.1	21.4	0.591	0.215	0.345	50.7	21.4	8.5	23.1	21.8	3.3	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
427	B65R_062_037dd	0.625	0.25	0.5	0.625	0.375	0.437	349	0.625	0.25	0.506	47.5	24.8	0.4	24.8	1.0	0.575	0.212	0.432	51.5	25.2	−1.5	25.2	356.5	4.4	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
428	B50R_062_037dd	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	48.1	26.4	−4.0	26.7	351.1	0.569	0.213	0.485	52.1	30.6	−11.1	32.5	340.0	9.1	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
429	B38R_075_050dd	0.625	0.25	0.75	0.75	0.5	0.5	316	0.633	0.25	0.75	49.2	30.4	−9.3	31.8	342.8	0.593	0.22	0.581	53.0	31.8	−15.2	35.2	334.4	7.1	317	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8
430	B30R_087_062dd	0.625	0.25	0.875	0.875	0.625	0.562	307	0.635	0.25	0.875	50.2	34.4	−15.5	37.7	335.6	0.606	0.215	0.721	51.4	39.9	−24.0	46.6	328.8	10.2	307	0.616	0.0	1.0	38.5	55.0	−24.9	60.4	335.6
431	B25R_100_075dd	0.625	0.25	1.0	1.0	0.75	0.625	300	0.625	0.25	1.0	51.0	37.5	−21.7	43.3	329.9	0.611	0.239	0.832	47.5	39.9	−27.2	48.3	325.7	6.9	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
432	R61Y_062_062dd	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.385	0.0	53.5	6.7	47.7	48.2	81.9	0.642	0.37	0.036	50.2	5.5	49.2	49.5	83.5	3.7	67	1.0	0.616	0.0	75.7	10.8	76.4	77.2	81.9
433	R50Y_062_050dd	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.375	0.125	54.2	8.5	36.4	37.4	76.7	0.606	0.317	0.123	57.9	4.5	39.8	40.1	83.5	6.5	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
434	R31Y_062_037dd	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.368	0.25	54.1	12.4	24.4	27.4	63.1	0.621	0.311	0.236	57.7	7.7	25.4	26.6	73.1	6.0	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
435	R00Y_062_025dd	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	54.0	14.9	9.9	17.9	33.7	0.612	0.318	0.38	57.4	9.9	13.2	16.5	52.9	6.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
436	R00Y_062_025dd	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.5	53.7	15.5	3.0	15.8	11.0	0.583	0.32	0.441	58.3	13.3	2.5	13.6	10.8	5.1	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
437	B50R_062_025dd	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	54.1	17.6	−2.7	17.8	351.1	0.579	0.32	0.505	58.5	19.1	−8.6	21.0	335.6	7.5	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
438	B34R_075_037dd	0.625	0.375	0.75	0.75	0.375	0.562	311	0.631	0.375	0.75	55.2	21.6	−8.3	23.1	339.0	0.602	0.327	0.596	58.3	21.3	−14.0	25.5	326.6	6.5	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
439	B25R_087_050dd	0.625	0.375	0.875	0.875	0.5	0.625	300	0.625	0.375	0.875	56.1	25.0	−14.4	28.9	329.9	0.617	0.328	0.741	59.0	28.8	−22.8	36.8	321.6	9.6	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
440	B19R_100_062dd	0.625	0.375	1.0	1.0	0.625	0.687	293	0.614	0.375	1.0	57.1	28.7	−19.9	34.9	325.2	0.622	0.346	0.828	54.6	29.0	−26.5	39.3	317.5	7.0	292	0.383	0.0	1.0	33.6	45.9	−31.9	55.9	325.2
441	R81Y_062_062dd	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.51	0.0	59.2	−2.7	47.8	47.9	93.2	0.581	0.454	0.077	59.8	−3.5	59.7	59.8	93.3	11.9	80	1.0	0.816	0.0	84.9	−4.3	76.5	76.7	93.2
442	R76Y_062_050dd	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.508	0.125	59.8	−0.9	39.4	39.4	91.3	0.577	0.428	0.143	64.6	−4.1	48.7	48.9	94.8	10.9	77	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
443	R68Y_062_037dd	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.506	0.25	59.9	1.9	29.3	29.4	86.2	0.594	0.425	0.23	64.9	−1.9	32.2	32.3	93.3	6.9	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
444	R50Y_062_025dd	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.5	0.375	60.3	4.2	18.2	18.7	76.7	0.605	0.433	0.342	64.7	0.6	19.0	19.0	87.9	5.7	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
445	R00Y_062_012dd	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	60.1	7.4	4.9	8.9	33.7	0.595	0.438	0.473	64.0	4.8	5.9	7.7	50.8	4.7	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
446	B50R_062_012dd	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	60.2	8.8	−1.3	8.9	351.1	0.584	0.445	0.536	64.5	10.1	−6.6	12.1	326.7	6.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
447	B25R_075_025dd	0.625	0.5	0.75	0.75	0.25	0.625	300	0.625	0.5	0.75	61.2	12.5	−7.2	14.4	329.9	0.602	0.446	0.609	64.8	12.6	−12.7	18.0	314.7	6.6	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
448	B15R_087_037dd	0.625	0.5	0.875	0.875	0.375	0.687	289	0.618	0.5	0.875	62.3	15.9	−12.7	20.4	321.3	0.625	0.453	0.739	66.6	18.0	−20.6	27.3	311.1	9.1	288	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
449	B11R_100_050dd	0.625	0.5	1.0	1.0	0.5	0.75	284	0.616	0.5	1.0	63.7	19.0	−18.3	26.4	316.1	0.623	0.463	0.827	62.6	18.2	−24.2	30.3	306.9	6.0	282	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1
450	Y00G_062_062dd	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	63.2	−9.0	52.6	53.3	99.7	0.555	0.537	0.071	68.8	−11.7	69.1	70.1	99.6	17.6	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
451	Y00G_062_050dd	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	63.8	−7.2	42.0	42.7	99.7	0.554	0.507	0.151	71.9	−11.2	56.2	57.3	101.3	16.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
452	Y00G_062_037dd	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	64.4	−5.4	31.5	32.0	99.7	0.568	0.513	0.242	72.4	−9.6	39.2	40.4	103.8	11.8	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
453	Y00G_062_025dd	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	65.0	−3.6	21.0	21.3	99.7	0.577	0.528	0.344	72.3	−7.0	25.9	26.8	105.2	9.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
454	Y00G_062_012dd	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	65.7	−1.8	10.5	10.6	99.7	0.579	0.547	0.452	72.0	−4.3	10.7	11.5	111.9	6.8	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
455	NW_062dd	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	0.576	0.565	0.557	69.5	0.1	−0.8	0.8	280.1	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
456	B00R_075_012dd	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	68.2	3.0	−5.4	6.2	299.6	0.613	0.589	0.654	71.2	3.2	−11.2	11.7	286.2	6.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
457	B00R_087_025dd	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	70.1	6.1	−10.8	12.4	299.6	0.643	0.601	0.749	71.9	6.1	−17.9	18.9	289.0	7.2	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
458	B00R_100_037dd	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	72.1	9.2	−16.2	18.7	299.6	0.666	0.616	0.868	69.4	7.9	−22.7	24.0	289.3	7.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
459	Y15G_075_075dd	0.625	0.75	0.0	0.75	0.75	0.375	99	0.637	0.75	0.0	73.2	−13.8	69.0	70.4	101.3	0.63	0.691	0.037	75.3	−16.1	76.3	78.0	101.9	7.9	97	0.85	1.0	0.0	92.2	−18.5	92.0	93.9	101.3
460	Y18G_075_062dd	0.625	0.75	0.125	0.75	0.625	0.437	101	0.635	0.75	0.125	73.1	−12.3	56.7	58.1	102.2	0.625	0.652	0.129	76.9	−16.5	60.7	62.9	105.2	6.9	99	0.816	1.0	0.0	91.2	−19.7	90.8	92.9	102.2
461	Y23G_075_050dd	0.625	0.75	0.25	0.75	0.5	0.5	104	0.633	0.75	0.25	73.0	−10.7	44.5	45.8	103.5	0.625	0.641	0.218	77.3	−15.3	45.1	47.7	108.7	6.2	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
462	Y31G_075_037dd	0.625	0.75	0.375	0.75	0.375	0.562	109	0.631	0.75	0.375	72.0	−10.0	30.6	32.2	108.1	0.598	0.64	0.324	77.9	−13.8	32.9	35.7	112.8	7.3	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
463	Y50G_075_025dd	0.625	0.75	0.5	0.75	0.25	0.625	120	0.625	0.75	0.5	70.7	−9.5	16.2	18.8	120.4	0.561	0.642	0.433	77.3	−11.4	20.5	23.5	119.1	8.1	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
464	G00B_075_012dd	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	71.1	−8.0	4.0	9.0	153.3	0.559	0.665	0.554	77.1	−10.1	6.6	12.1	146.9	6.8	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
465	G50B_075_012dd	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	70.9	−4.1	−5.0	6.5	230.7	0.579	0.658	0.655	77.2	−6.5	−8.9	11.1	233.7	7.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
466	G75B_087_025dd	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.75	0.875	73.6	−3.2	−12.5	12.9	255.4	0.592	0.692	0.768	77.3	−3.3	−15.9	16.3	258.2	5.0	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
467	G84B_100_037dd	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.743	1.0	74.8	−0.3	−18.6	18.6	268.8	0.622	0.711	0.917	74.9	−3.3	−22.2	22.5	261.3	4.7	251	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
468	Y26G_087_087dd	0.625	0.875	0.0	0.875	0.875	0.437	106	0.641	0.875	0.0	79.2	−20.4	75.9	78.6	105.0	0.618	0.834	0.019	81.3	−21.8	79.6	82.6	105.3	4.5	104	0.733	1.0	0.0	88.2	−23.3	86.7	89.8	105.0
469	Y31G_087_075dd	0.625	0.875	0.125	0.875	0.75	0.5	109	0.637	0.875	0.125	77.8	−20.0	61.2	64.4	108.1	0.599	0.798	0.126	81.8	−22.0	66.2	69.7	108.4	6.6	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
470	Y38G_087_062dd	0.625	0.875	0.25	0.875	0.625	0.562	113	0.635	0.875	0.25	76.6	−19.1	46.8	50.6	112.2	0.584	0.783	0.217	80.6	−20.5	44.2	48.8	114.8	4.9	112	0.616	1.0	0.0	80.7	−30.6	74.9	80.9	112.2
471	Y50G_087_050dd	0.625	0.875	0.375	0.875	0.5	0.625	120	0.625	0.875	0.375	75.1	−19.0	32.4	37.6	120.4	0.552	0.765	0.321	81.0	−20.2	33.4	39.1	121.2	6.0	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
472	Y68G_087_037dd	0.625	0.875	0.5	0.875	0.375	0.687	131	0.618	0.875	0.5	74.9	−18.3	19.3	26.6	133.4	0.533	0.773	0.44	81.9	−18.6	22.3	29.1	129.8	7.6	131	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
473	G00B_087_025dd	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	76.0	−16.1	8.1	18.1	153.3	0.543	0.789	0.572	82.9	−16.6	13.2	21.2	141.4	8.6	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
474	G25B_087_025dd	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.75	76.3	−12.5	−1.1	12.6	185.1	0.565	0.774	0.667	82.7	−14.4	0.1	14.4	179.2	6.8	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
475	G50B_087_025dd	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	75.4	−8.2	−10.1	13.0	230.7	0.579	0.739	0.737	83.1	−11.3	−14.6	18.5	232.2	9.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
476	G65B_100_037dd	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	0.881	1.0	79.4	−8.7	−18.3	20.3	244.4	0.611	0.833	0.934	80.4	−10.2	−19.8	22.2	242.7	2.2	228	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
477	Y36G_100_100dd	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	81.8	−29.6	76.5	82.0	111.1	0.632	1.0	0.0	81.2	−30.0	75.6	81.4	111.6	1.1	111	0.633	1.0	0.0	81.8	−29.6	76.5	82.0	111.1
478	Y41G_100_087dd	0.625	1.0	0.125	1.0	0.875	0.562	115	0.635	1.0	0.125	81.0	−28.8	63.1	69.4	114.5	0.593	0.977	0.135	83.1	−27.9	66.8	72.5	112.7	4.4	114	0.583	1.0	0.0	78.8	−33.0	72.1	79.3	114.5
479	Y50G_100_075dd	0.625	1.0	0.25	1.0	0.75	0.625	120	0.625	1.0	0.25	79.5	−28.5	48.6	56.4	120.4	0.583	0.965	0.242	82.0	−28.1	53.5	60.4	117.7	5.5	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
480	Y61G_100_062dd	0.625	1.0	0.375	1.0	0.625	0.687	127	0.614	1.0	0.375	79.6	−27.2	36.0	45.2	127.0	0.585	0.968	0.357	81.1	−27.4	38.7	47.5	125.2	3.0	127	0.383	1.0	0.0	69.6	−43.6	57.7	72.3	127.0
481	Y76G_100_050dd	0.625	1.0	0.5	1.0	0.5	0.75	136	0.616	1.0	0.5	78.9	−27.2	21.7	34.8	141.3	0.538	1.0	0.477	82.4	−23.3	23.8	33.3	134.4	5.5	137	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
482	G00B_100_037dd	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	80.9	−24.2	12.1	27.1	153.3	0.553	1.0	0.623	84.0	−20.0	15.4	25.2	142.4	6.1	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
483	G15B_100_037dd	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.743	80.9	−21.6	3.1	21.8	171.7	0.557	1.0	0.725	84.0	−16.9	3.8	17.4	167.3	5.6	168	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
484	G34B_100_037dd	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.881	81.5	−16.2	−6.2	17.4	200.9	0.591	0.976	0.823	82.6	−14.6	−8.1	16.8	209.0	2.7	191	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
485	G50B_100_037dd	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	80.0	−12.3	−15.1	19.5	230.7	0.576	0.854	0.854	81.5	−11.9	−17.9	21.6	236.3	3.2	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: delta **6.7**

1-1032430-F0 RE630−7N, Page 25/33−F

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

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

1-1032430-F0

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 26/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
486	R00Y_075_075dd	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	39.3	44.8	29.9	53.9	33.7	0.699	0.023	0.043	39.6	49.4	30.9	58.3	32.0	4.7	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
487	R35Y_075_075dd	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.112	39.0	44.5	25.1	51.1	29.4	0.703	0.018	0.111	38.2	48.6	22.7	53.6	25.0	4.7	382	1.0	0.0	0.15	46.5	59.3	33.4	68.1	29.4
488	R18Y_075_075dd	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.237	38.6	44.9	17.6	48.2	21.4	0.707	0.021	0.224	37.7	48.9	15.5	51.4	17.6	4.6	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
489	R00Y_075_075dd	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.375	38.5	46.7	9.1	47.6	11.0	0.716	0.024	0.351	37.3	50.7	7.3	51.2	8.2	4.4	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
490	B65R_075_075dd	0.75	0.0	0.5	0.75	0.75	0.375	349	0.75	0.0	0.512	38.7	49.7	0.8	49.7	1.0	0.72	0.025	0.474	37.4	53.7	−1.0	53.7	358.8	4.5	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
491	B57R_075_075dd	0.75	0.0	0.625	0.75	0.75	0.375	339	0.75	0.0	0.637	39.3	52.2	−5.9	52.5	353.4	0.717	0.029	0.577	37.8	56.8	−9.0	57.6	350.9	5.8	337	1.0	0.0	0.85	46.9	69.6	−7.9	70.0	353.4
492	B50R_075_075dd	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	39.8	52.8	−8.1	53.4	351.1	0.72	0.035	0.614	38.8	58.2	−14.0	59.8	346.4	8.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
493	B43R_087_087dd	0.75	0.0	0.875	0.875	0.875	0.437	322	0.758	0.0	0.875	40.7	56.4	−14.2	58.2	345.8	0.75	0.028	0.761	40.2	58.3	−18.4	61.2	342.5	4.6	322	0.866	0.0	1.0	44.2	64.5	−16.2	66.5	345.8
494	B38R_100_100dd	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8	0.764	0.0	1.0	41.7	60.2	−19.1	63.1	342.3	0.8	317	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8
495	R15Y_075_075dd	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.112	0.0	44.8	38.6	42.1	57.1	47.4	0.716	0.112	0.008	47.1	40.4	46.6	61.6	49.0	5.3	37	1.0	0.15	0.0	54.3	51.5	56.1	76.2	47.4
496	R00Y_075_062dd	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	45.5	37.3	24.9	44.9	33.7	0.745	0.104	0.207	47.4	34.2	32.8	47.4	43.8	8.7	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
497	R31Y_075_062dd	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.239	45.1	37.1	19.7	42.0	28.0	0.732	0.109	0.273	46.9	35.7	23.1	42.6	32.8	4.0	380	1.0	0.0	0.183	46.4	59.3	31.6	67.2	28.0
498	R11Y_075_062dd	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.364	44.8	37.7	11.9	39.5	17.5	0.723	0.118	0.38	45.9	37.7	14.4	40.4	20.9	2.7	367	1.0	0.0	0.383	45.9	60.3	19.1	63.3	17.5
499	B69R_075_062dd	0.75	0.125	0.5	0.75	0.625	0.437	353	0.75	0.125	0.51	45.0	40.5	3.2	40.6	4.6	0.71	0.123	0.491	45.7	42.1	4.9	42.4	6.7	2.4	352	1.0	0.0	0.616	46.2	64.8	5.2	65.0	4.6
500	B59R_075_062dd	0.75	0.125	0.625	0.75	0.625	0.437	341	0.75	0.125	0.635	45.3	43.1	−3.9	43.3	354.7	0.702	0.126	0.582	46.0	46.0	−4.5	46.2	354.3	3.0	339	1.0	0.0	0.816	46.7	69.0	−6.3	69.3	354.7
501	B50R_075_062dd	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	45.9	44.0	−6.8	44.5	351.1	0.706	0.134	0.624	46.5	50.1	−13.0	51.8	345.3	8.7	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
502	B42R_087_075dd	0.75	0.125	0.875	0.875	0.75	0.5	321	0.762	0.125	0.875	47.0	47.9	−12.5	49.5	345.3	0.733	0.136	0.734	47.3	52.4	−18.1	55.4	340.9	7.1	322	0.85	0.0	1.0	43.9	63.9	−16.7	66.0	345.3
503	B36R_100_087dd	0.75	0.125	1.0	1.0	0.875	0.562	314	0.766	0.125	1.0	48.2	52.1	−17.4	54.9	341.5	0.762	0.136	0.865	46.9	53.1	−21.6	57.3	337.7	4.5	315	0.733	0.0	1.0	41.3	59.5	−19.9	62.8	341.5
504	R31Y_075_075dd	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.237	0.0	51.9	24.8	48.9	54.8	63.1	0.723	0.222	0.02	55.4	22.3	55.5	59.8	68.1	7.9	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
505	R18Y_075_062dd	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.239	0.125	51.3	29.7	36.4	47.0	50.8	0.761	0.182	0.132	55.1	22.0	39.9	45.6	61.0	9.2	39	1.0	0.183	0.0	56.3	47.5	58.3	75.2	50.8
506	R00Y_075_050dd	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.6	29.9	19.9	35.9	33.7	0.755	0.205	0.331	54.9	23.2	27.4	36.0	49.7	10.5	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
507	R26Y_075_050dd	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.366	51.3	29.6	14.4	32.9	25.9	0.738	0.213	0.39	53.9	26.2	16.8	31.1	32.8	4.9	377	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9
508	R00Y_075_050dd	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.5	51.1	31.1	6.0	31.7	11.0	0.717	0.216	0.486	54.0	28.8	8.0	29.9	15.5	4.1	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
509	B61R_075_050dd	0.75	0.25	0.625	0.75	0.5	0.5	344	0.75	0.25	0.633	51.3	34.0	−1.9	34.0	356.7	0.709	0.22	0.579	53.8	33.7	−2.3	33.8	356.0	2.5	342	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7
510	B50R_075_050dd	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.0	35.2	−5.4	35.6	351.1	0.714	0.229	0.629	53.8	38.4	−12.4	40.4	342.0	7.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
511	B40R_087_062dd	0.75	0.25	0.875	0.875	0.625	0.562	319	0.76	0.25	0.875	53.1	39.1	−10.9	40.6	344.3	0.751	0.237	0.73	54.9	41.2	−17.3	44.7	337.1	6.9	320	0.816	0.0	1.0	43.2	62.7	−17.5	65.1	344.3
512	B34R_100_075dd	0.75	0.25	1.0	1.0	0.75	0.625	311	0.762	0.25	1.0	54.1	43.2	−16.6	46.3	339.0	0.764	0.233	0.863	52.9	43.4	−21.9	48.6	333.2	5.4	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
513	R50Y_075_075dd	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.375	0.0	58.2	12.8	54.6	56.1	76.7	0.728	0.351	0.029	60.4	11.7	60.4	61.5	79.0	6.3	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
514	R38Y_075_062dd	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.364	0.125	58.0	16.7	42.6	45.7	68.6	0.74	0.312	0.128	61.5	11.9	47.0	48.5	75.7	7.3	52	1.0	0.383	0.0	67.0	26.7	68.2	73.2	68.6
515	R23Y_075_050dd	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.366	0.25	57.8	20.7	30.4	36.8	55.7	0.768	0.294	0.244	61.4	12.5	31.0	33.4	67.9	8.9	42	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
516	R00Y_075_037dd	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	57.8	22.4	14.9	26.9	33.7	0.759	0.317	0.436	60.6	15.7	20.3	25.7	52.2	9.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
517	R18Y_075_037dd	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.493	57.4	22.4	8.8	24.1	21.4	0.737	0.32	0.503	60.7	17.8	11.1	21.0	31.9	6.0	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
518	B65R_075_037dd	0.75	0.375	0.625	0.75	0.375	0.562	349	0.75	0.375	0.631	57.5	24.8	0.4	24.8	1.0	0.726	0.327	0.59	60.3	22.3	0.0	22.3	359.8	3.8	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
519	B50R_075_037dd	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	58.0	26.4	−4.0	26.7	351.1	0.732	0.339	0.652	59.8	27.7	−10.5	29.7	339.1	6.8	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
520	B38R_087_050dd	0.75	0.375	0.875	0.875	0.5	0.625	316	0.758	0.375	0.875	59.2	30.4	−9.3	31.8	342.8	0.766	0.352	0.742	61.0	32.8	−16.9	36.9	332.6	8.1	317	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8
521	B30R_100_062dd	0.75	0.375	1.0	1.0	0.625	0.687	307	0.76	0.375	1.0	60.2	34.4	−15.5	37.7	335.6	0.766	0.355	0.857	58.5	35.3	−21.0	41.0	329.2	5.7	307	0.616	0.0	1.0	38.5	55.0	−24.9	60.4	335.6
522	R68Y_075_075dd	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.512	0.0	63.4	3.8	58.7	58.8	86.2	0.723	0.472	0.044	64.6	3.2	65.3	65.3	87.1	6.7	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
523	R61Y_075_062dd	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.51	0.125	63.5	6.7	47.7	48.2	81.9	0.725	0.432	0.135	67.2	3.1	54.3	54.4	86.6	8.3	67	1.0	0.616	0.0	75.7	10.8	76.4	77.2	81.9
524	R50Y_075_050dd	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	64.2	8.5	36.4	37.4	76.7	0.751	0.436	0.234	67.1	4.0	37.6	37.8	83.8	5.5	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
525	R31Y_075_037dd	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.493	0.375	64.1	12.4	24.4	27.4	63.1	0.769	0.437	0.372	66.5	7.0	25.8	26.7	74.8	6.0	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
526	R00Y_075_025dd	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	63.9	14.9	9.9	17.9	33.7	0.755	0.447	0.543	66.5	9.4	15.2	17.8	58.2	8.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
527	R00Y_075_025dd	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.625	63.7	15.5	3.0	15.8	11.0	0.73	0.457	0.6	65.7	14.0	3.5	14.5	14.2	2.5	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
528	B50R_075_025dd	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	64.1	17.6	−2.7	17.8	351.1	0.732	0.472	0.668	65.3	20.5	−9.2	22.5	335.6	7.2	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
529	B34R_087_037dd	0.75	0.5	0.875	0.875	0.375	0.687	311	0.756	0.5	0.875	65.2	21.6	−8.3	23.1	339.0	0.762	0.488	0.747	67.3	23.5	−15.4	28.1	326.8	7.6	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
530	B25R_100_050dd	0.75	0.5	1.0	1.0	0.5	0.75	300	0.75	0.5	1.0	66.1	25.0	−14.4	28.9	329.9	0.756	0.479	0.856	65.9	26.7	−19.0	32.8	324.4	4.8	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
531	R85Y_075_075dd	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.637	0.0	68.6	−4.4	56.2	56.4	94.5	0.68	0.559	0.107	73.4	−5.5	74.3	74.5	94.2	18.6	81	1.0	0.85	0.0	86.1	−5.9	75.0	75.2	94.5
532	R81Y_075_062dd	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.635	0.125	69.2	−2.7	47.8	47.9	93.2	0.695	0.554	0.178	74.2	−5.1	60.6	60.8	94.8	13.9	80	1.0	0.816	0.0	84.9	−4.3	76.5	76.7	93.2
533	R76Y_075_050dd	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.633	0.25	69.8	−0.9	39.4	39.4	91.3	0.715	0.556	0.248	74.1	−3.6	44.2	44.3	94.6	6.9	77	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
534	R68Y_075_037dd	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.631	0.375	69.8	1.9	29.3	29.4	86.2	0.736	0.562	0.368	73.5	−1.6	32.8	32.8	92.9	6.1	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
535	R50Y_075_025dd	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.625	0.5	70.2	4.2	18.2	18.7	76.7	0.739	0.573	0.501	73.1	1.4	21.4	21.5	86.1	5.1	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
536	R00Y_075_012dd	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	70.1	7.4	4.9	8.9	33.7	0.741	0.59	0.632	71.9	4.8	7.5	8.9	57.4	4.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
537	B50R_075_012dd	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	70.2	8.8	−1.3	8.9	351.1	0.728	0.596	0.687	71.9	10.3	−6.5	12.2	327.7	5.6	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
538	B25R_087_025dd	0.75	0.625	0.875	0.875	0.25	0.75	300	0.75	0.625	0.875	71.2	12.5	−7.2	14.4	329.9	0.755	0.604	0.762	73.6	13.6	−13.6	19.2	315.1	6.8	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
539	B15R_100_037dd	0.75	0.625	1.0	1.0	0.375	0.812	289	0.743	0.625	1.0	72.3	15.9	−12.7	20.4	321.3	0.761	0.598	0.861	73.0	16.6	−16.7	23.6	314.8	4.1	288	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
540	Y00G_075_075dd	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	72.5	−10.8	63.1	64.0	99.7	0.654	0.644	0.079	81.5	−13.2	83.1	84.2	99.0	22.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
541	Y00G_075_062dd	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	73.1	−9.0	52.6	53.3	99.7	0.666	0.631	0.166	80.6	−12.0	67.6	68.6	100.0	17.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
542	Y00G_075_050dd	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	73.8	−7.2	42.0	42.7	99.7	0.685	0.634	0.252	80.6	−10.8	50.9	52.0	101.9	11.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
543	Y00G_075_037dd	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	74.4	−5.4	31.5	32.0	99.7	0.698	0.651	0.376	80.1	−9.0	39.7	40.7	102.8	10.6	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
544	Y00G_075_025dd	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	75.0	−3.6	21.0	21.3	99.7	0.705	0.667	0.498	80.4	−7.7	29.2	30.2	104.8	10.5	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
545	Y00G_075_012dd	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	75.6	−1.8	10.5	10.6	99.7	0.722	0.696	0.614	79.0	−4.2	13.7	14.4	107.1	5.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
546	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	77.0	0.2	−0.2	0.3	313.6	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
547	B00R_087_012dd	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	78.2	3.0	−5.4	6.2	299.6	0.762	0.734	0.816	79.8	1.9	−10.2	10.4	280.7	5.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
548	B00R_100_025dd	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	80.1	6.1	−10.8	12.4	299.6	0.785	0.735	0.917	80.4	3.3	−15.2	15.6	282.4	5.2	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
549	Y13G_087_087dd	0.75	0.875	0.0	0.875	0.875	0.437	98	0.758	0.875	0.0	83.2	−15.6	81.0	82.5	100.9	0.722	0.81	0.03	88.3	−16.5	89.8	91.3	100.4	10.1	97	0.866	1.0	0.0	92.7	−17.8	92.6	94.3	100.9
550	Y15G_087_075dd	0.75	0.875	0.125	0.875	0.75	0.5	99	0.762	0.875	0.125	83.2	−13.8	69.0	70.4	101.3	0.755	0.809	0.143	86.0	−16.6	75.6	77.4	102.3	7.6	97	0.85	1.0	0.0	92.2	−18.5	92.0	93.9	101.3
551	Y18G_087_062dd	0.75	0.875	0.25	0.875	0.625	0.562	101	0.76	0.875	0.25	83.1	−12.3	56.7	58.1	102.2	0.769	0.805	0.229	85.1	−16.2	55.3	57.6	106.3	4.6	99	0.816	1.0	0.0	91.2	−19.7	90.8	92.9	102.2
552	Y23G_087_050dd	0.75	0.875	0.375	0.875	0.5	0.625	104	0.758	0.875	0.375	83.0	−10.7	44.5	45.8	103.5	0.777	0.806	0.363	85.1	−15.4	45.6	48.1	108.6	5.2	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
553	Y31G_087_037dd	0.75	0.875	0.5	0.875	0.375	0.687	109	0.756	0.875	0.5	82.0	−10.0	30.6	32.2	108.1	0.746	0.791	0.505	85.5	−14.4	35.1	38.0	112.3	7.2	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
554	Y50G_087_025dd	0.75	0.875	0.625	0.875	0.25	0.75	120	0.75	0.875	0.625	80.7	−9.5	16.2	18.8	120.4	0.702	0.796	0.606	85.3	−11.9	23.2	26.1	117.1	8.7	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
555	G00B_087_012dd	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	81.1	−8.0	4.0	9.0	153.3	0.696	0.811	0.721	86.7	−10.8	10.2	14.9	136.5	8.8	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
556	G50B_087_012dd	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	80.8	−4.1	−5.0	6.5	230.7	0.713	0.795	0.81	86.7	−6.8	−8.8	11.1	232.5	7.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
557	G75B_100_025dd	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.875	1.0	83.6	−3.2	−12.5	12.9	255.4	0.743	0.821	0.953	86.4	−7.7	−12.9	15.1	238.9	5.3	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
558	Y23G_100_100dd	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5	0.766	1.0	0.0	89.2	−22.0	88.4	91.1	104.0	0.9	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
559	Y26G_100_087dd	0.75	1.0	0.125	1.0	0.875	0.562	106	0.766	1.0	0.125	89.2	−20.4	75.9	78.6	105.0	0.773	0.996	0.13	88.8	−21.4	75.2	78.2	105.9	1.3	104	0.733	1.0	0.0	88.2	−23.3	86.7	89.8	105.0
560	Y31G_100_075dd	0.75	1.0	0.25	1.0	0.75	0.625	109	0.762	1.0	0.25	87.8	−20.0	61.2	64.4	108.1	0.75	0.963	0.24	88.8	−21.6	61.7	65.4	109.3	2.0	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
561	Y38G_100_062dd	0.75	1.0	0.375	1.0	0.625	0.687	113	0.76	1.0	0.375	86.6	−19.1	46.8	50.6	112.2	0.744	0.946	0.406	88.0	−22.0	53.4	57.7	112.4	7.3	112	0.616	1.0	0.0	80.7	−30.6	74.9	80.9	112.2
562	Y50G_100_050dd	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	85.1	−19.0	32.4	37.6	120.4	0.704	0.942	0.508	87.6	−21.1	41.2	46.3	117.1	9.4	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
563	Y68G_100_037dd	0.75	1.0	0.625	1.0	0.375	0.812	131	0.743	1.0	0.625	84.9	−18.3	19.3	26.6	133.4	0.671	0.963	0.621	87.6	−19.1	27.3	33.4	124.9	8.5	131	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
564	G00B_100_025dd	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	86.0	−16.1	8.1	18.1	153.3	0.675	1.0	0.755	89.0	−15.2	15.8	22.0	133.9	8.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
565	G25B_100_025dd	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.875	86.3	−12.5	−1.1	12.6	185.1	0.717	0.975	0.855	87.5	−12.6	0.4	12.6	178.1	1.9	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
566	G50B_100_025dd	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	85.4	−8.2	−10.1	13.0	230.7	0.709	0.872	0.869	86.1	−9.2	−13.4	16.3	235.4	3.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: delta 6.6

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TUB-test chart RE63; 1080 standard colours, cf=1
colors and differences, $\Delta E'*$

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

1−1032530−F0

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
567	R00Y_087_087dd	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	43.1	52.3	34.9	62.9	33.7	0.838	0.014	0.0	43.1	54.8	33.4	64.2	31.4	2.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
568	R36Y_087_087dd	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.116	42.8	51.9	30.1	60.0	30.0	0.839	0.015	0.083	42.7	54.6	27.0	60.9	26.3	4.1	382	1.0	0.0	0.133	46.6	59.3	34.4	68.6	30.0
569	R23Y_087_087dd	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.233	42.4	51.9	23.4	57.0	24.3	0.844	0.017	0.202	42.0	54.8	20.4	58.4	20.4	4.1	375	1.0	0.0	0.266	46.2	59.4	26.8	65.1	24.3
570	R08Y_087_087dd	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.364	42.2	53.3	15.0	55.4	15.7	0.848	0.019	0.336	41.6	56.5	11.6	57.7	11.6	4.6	365	1.0	0.0	0.416	45.9	61.0	17.1	63.3	15.7
571	B70R_087_087dd	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.51	42.4	56.1	6.3	56.5	6.4	0.858	0.022	0.479	41.5	58.3	4.1	58.5	4.0	3.2	354	1.0	0.0	0.583	46.1	64.2	7.2	64.6	6.4
572	B63R_087_087dd	0.875	0.0	0.625	0.875	0.875	0.437	346	0.875	0.0	0.641	42.5	58.9	−1.7	59.0	358.2	0.856	0.024	0.597	41.5	61.6	−3.9	61.7	356.3	3.5	344	1.0	0.0	0.733	46.2	67.4	−2.0	67.4	358.2
573	B56R_087_087dd	0.875	0.0	0.75	0.875	0.875	0.437	338	0.875	0.0	0.758	43.2	61.1	−7.7	61.6	352.7	0.858	0.029	0.697	42.3	63.9	−10.9	64.9	350.2	4.4	337	1.0	0.0	0.866	47.1	69.8	−8.8	70.4	352.7
574	B50R_087_087dd	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	43.7	61.6	−9.5	62.3	351.1	0.858	0.035	0.73	43.5	64.2	−14.9	66.0	346.9	6.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
575	B44R_100_100dd	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	44.6	65.2	−15.7	67.1	346.4	0.882	0.0	1.0	44.4	64.8	−16.0	66.8	346.1	0.5	323	0.883	0.0	1.0	44.6	65.2	−15.7	67.1	346.4
576	R13Y_087_087dd	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.116	0.0	48.7	46.8	48.1	67.1	45.8	0.832	0.098	0.0	52.2	47.0	53.0	70.8	48.4	5.9	37	1.0	0.133	0.0	53.3	53.5	55.0	76.7	45.8
577	R00Y_087_075dd	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	49.3	44.8	29.9	53.9	33.7	0.847	0.114	0.235	51.4	45.6	42.8	62.5	43.1	13.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
578	R35Y_087_075dd	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.237	49.0	44.5	25.1	51.1	29.4	0.838	0.12	0.295	50.9	46.4	31.3	55.9	34.0	6.7	382	1.0	0.0	0.15	46.5	59.3	33.4	68.1	29.4
579	R18Y_087_075dd	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.362	48.6	44.9	17.6	48.2	21.4	0.83	0.131	0.395	49.6	48.8	21.0	53.1	23.3	5.3	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
580	R00Y_087_075dd	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.5	48.5	46.7	9.1	47.6	11.0	0.821	0.138	0.507	48.9	52.7	12.4	54.1	13.3	6.8	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
581	B65R_087_075dd	0.875	0.125	0.625	0.875	0.75	0.5	349	0.875	0.125	0.637	48.7	49.7	0.8	49.7	1.0	0.824	0.139	0.608	49.0	55.7	1.6	55.7	1.6	6.0	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
582	B57R_087_075dd	0.875	0.125	0.75	0.875	0.75	0.5	339	0.875	0.125	0.762	49.3	52.2	−5.9	52.5	353.4	0.825	0.145	0.699	49.2	60.2	−8.2	60.8	352.2	8.3	337	1.0	0.0	0.85	46.9	69.6	−7.9	70.0	353.4
583	B50R_087_075dd	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	49.8	52.8	−8.1	53.4	351.1	0.828	0.151	0.731	49.5	60.6	−15.5	62.6	345.5	10.7	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
584	B43R_100_087dd	0.875	0.125	1.0	1.0	0.875	0.562	322	0.883	0.125	1.0	50.7	56.4	−14.2	58.2	345.8	0.855	0.15	0.849	49.4	58.4	−17.5	61.0	343.3	4.0	322	0.866	0.0	1.0	44.2	64.5	−16.2	66.5	345.8
585	R26Y_087_087dd	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.233	0.0	55.5	33.1	54.8	64.0	58.8	0.824	0.208	0.01	60.4	30.8	60.8	68.1	63.1	8.0	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
586	R15Y_087_075dd	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.237	0.125	54.8	38.6	42.1	57.1	47.4	0.87	0.18	0.155	59.7	29.9	49.0	57.4	58.5	12.0	37	1.0	0.15	0.0	54.3	51.5	56.1	76.2	47.4
587	R00Y_087_062dd	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	55.4	37.3	24.9	44.9	33.7	0.866	0.209	0.35	59.7	30.7	34.3	46.1	48.2	12.2	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
588	R31Y_087_062dd	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.364	55.1	37.1	19.7	42.0	28.0	0.854	0.216	0.413	58.3	33.3	24.4	41.3	36.2	6.8	380	1.0	0.0	0.183	46.4	59.3	31.6	67.2	28.0
589	R11Y_087_062dd	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.489	54.8	37.7	11.9	39.5	17.5	0.839	0.223	0.511	57.8	35.9	15.3	39.0	23.1	4.8	367	1.0	0.0	0.383	45.9	60.3	19.1	63.3	17.5
590	B69R_087_062dd	0.875	0.25	0.625	0.875	0.625	0.562	353	0.875	0.25	0.635	55.0	40.5	3.2	40.6	4.6	0.839	0.228	0.622	57.5	39.3	6.3	39.8	9.0	4.0	352	1.0	0.0	0.616	46.2	64.8	5.2	65.0	4.6
591	B59R_087_062dd	0.875	0.25	0.75	0.875	0.625	0.562	341	0.875	0.25	0.76	55.3	43.1	−3.9	43.3	354.7	0.842	0.229	0.709	57.8	42.6	−4.9	42.9	353.3	2.7	339	1.0	0.0	0.816	46.7	69.0	−6.3	69.3	354.7
592	B50R_087_062dd	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	55.9	44.0	−6.8	44.5	351.1	0.849	0.234	0.749	57.9	46.9	−13.8	48.9	343.5	7.8	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
593	B42R_100_075dd	0.875	0.25	1.0	1.0	0.75	0.625	321	0.887	0.25	1.0	57.0	47.9	−12.5	49.5	345.3	0.876	0.237	0.853	57.1	48.5	−16.3	51.2	341.3	3.8	322	0.85	0.0	1.0	43.9	63.9	−16.7	66.0	345.3
594	R41Y_087_087dd	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.364	0.0	62.0	21.0	60.9	64.4	70.9	0.828	0.333	0.012	65.8	21.1	66.1	69.4	72.2	6.4	54	1.0	0.416	0.0	68.5	24.0	69.6	73.7	70.9
595	R31Y_087_075dd	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.362	0.125	61.8	24.8	48.9	54.8	63.1	0.868	0.314	0.135	64.3	20.5	51.9	55.8	68.3	5.7	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
596	R18Y_087_062dd	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.364	0.25	61.3	29.7	36.4	47.0	50.8	0.898	0.293	0.266	64.3	21.1	37.2	42.8	60.3	9.1	39	1.0	0.183	0.0	56.3	47.5	58.3	75.2	50.8
597	R00Y_087_050dd	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	61.6	29.9	19.9	35.9	33.7	0.884	0.328	0.468	63.9	23.3	27.0	35.7	49.1	9.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
598	R26Y_087_050dd	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.491	61.3	29.6	14.4	32.9	25.9	0.865	0.331	0.527	63.7	26.0	17.6	31.4	34.1	5.4	377	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9
599	R00Y_087_050dd	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.625	61.1	31.1	6.0	31.7	11.0	0.854	0.338	0.63	63.4	28.6	8.9	29.9	17.2	4.4	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
600	B61R_087_050dd	0.875	0.375	0.75	0.875	0.5	0.625	344	0.875	0.375	0.758	61.3	34.0	−1.9	34.0	356.7	0.854	0.348	0.715	62.9	34.6	−3.7	34.8	353.8	2.4	342	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7
601	B50R_087_050dd	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	62.0	35.2	−5.4	35.6	351.1	0.86	0.361	0.76	63.6	38.2	−12.8	40.3	341.4	8.1	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
602	B40R_100_062dd	0.875	0.375	1.0	1.0	0.625	0.687	319	0.885	0.375	1.0	63.1	39.1	−10.9	40.6	344.3	0.885	0.362	0.854	63.2	39.4	−16.2	42.6	337.6	5.2	320	0.816	0.0	1.0	43.2	62.7	−17.5	65.1	344.3
603	R58Y_087_087dd	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.51	0.0	67.4	11.1	66.0	66.9	80.4	0.834	0.465	0.016	70.6	10.5	70.8	71.6	81.4	5.7	65	1.0	0.583	0.0	74.7	12.7	75.4	76.5	80.4
604	R50Y_087_075dd	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.5	0.125	68.2	12.8	54.6	56.1	76.7	0.858	0.46	0.133	70.8	10.5	58.2	59.1	79.7	5.0	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
605	R38Y_087_062dd	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.489	0.25	68.0	16.7	42.6	45.7	68.6	0.894	0.444	0.24	70.5	10.7	41.5	42.8	75.5	6.5	52	1.0	0.383	0.0	67.0	26.7	68.2	73.2	68.6
606	R23Y_087_050dd	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.491	0.375	67.8	20.7	30.4	36.8	55.7	0.913	0.441	0.403	70.0	12.4	32.1	34.5	68.8	8.7	42	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
607	R00Y_087_037dd	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	67.8	22.4	14.9	26.9	33.7	0.89	0.45	0.582	70.3	14.5	22.2	26.6	56.7	11.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
608	R18Y_087_037dd	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.618	67.4	22.4	8.8	24.1	21.4	0.867	0.458	0.641	70.1	18.2	12.2	22.0	33.9	6.0	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
609	B65R_087_037dd	0.875	0.5	0.75	0.875	0.375	0.687	349	0.875	0.5	0.756	67.5	24.8	0.4	24.8	1.0	0.859	0.471	0.723	69.4	24.0	−0.2	24.0	359.3	2.1	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
610	B50R_087_037dd	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	68.0	26.4	−4.0	26.7	351.1	0.861	0.48	0.778	70.1	28.2	−10.9	30.2	338.8	7.3	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
611	B38R_100_050dd	0.875	0.5	1.0	1.0	0.5	0.75	316	0.883	0.5	1.0	69.2	30.4	−9.3	31.8	342.8	0.89	0.478	0.86	71.1	30.8	−13.1	33.5	336.9	4.2	317	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8
612	R73Y_087_087dd	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.641	0.0	73.6	0.4	69.4	69.4	89.6	0.812	0.597	0.051	76.7	2.8	77.6	77.6	87.9	9.0	75	1.0	0.733	0.0	81.8	0.5	79.3	79.3	89.6
613	R68Y_087_075dd	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.637	0.125	73.4	3.8	58.7	58.8	86.2	0.842	0.574	0.149	76.4	2.3	67.2	67.3	87.9	9.1	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
614	R61Y_087_062dd	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.635	0.25	73.4	6.7	47.7	48.2	81.9	0.875	0.562	0.227	76.3	2.7	46.9	47.0	86.6	5.0	67	1.0	0.616	0.0	75.7	10.8	76.4	77.2	81.9
615	R50Y_087_050dd	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.625	0.375	74.2	8.5	36.4	37.4	76.7	0.897	0.583	0.384	75.6	4.7	37.6	37.9	82.8	4.2	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
616	R31Y_087_037dd	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.618	0.5	74.1	12.4	24.4	27.4	63.1	0.907	0.57	0.531	76.1	5.9	28.1	28.7	78.0	7.7	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
617	R00Y_087_025dd	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	73.9	14.9	9.9	17.9	33.7	0.889	0.59	0.681	75.0	9.4	16.6	19.1	60.5	8.7	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
618	R00Y_087_025dd	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.75	73.7	15.5	3.0	15.8	11.0	0.868	0.604	0.739	74.6	14.7	2.9	15.0	11.4	1.2	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
619	B50R_087_025dd	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	74.1	17.6	−2.7	17.8	351.1	0.862	0.607	0.799	75.8	20.0	−8.4	21.8	337.1	6.4	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
620	B34R_100_037dd	0.875	0.625	1.0	1.0	0.375	0.812	311	0.881	0.625	1.0	75.2	21.6	−8.3	23.1	339.0	0.884	0.604	0.873	77.1	23.6	−11.0	26.1	335.0	3.9	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
621	R86Y_087_087dd	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.758	0.0	77.8	−5.8	64.9	65.2	95.1	0.79	0.68	0.131	84.4	−4.8	85.7	85.8	93.2	21.7	82	1.0	0.866	0.0	86.6	−6.6	74.2	74.5	95.1
622	R85Y_087_075dd	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.762	0.125	78.6	−4.4	56.2	56.4	94.5	0.812	0.688	0.201	82.8	−5.1	72.9	73.1	94.0	17.1	81	1.0	0.85	0.0	86.1	−5.9	75.0	75.2	94.5
623	R81Y_087_062dd	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.76	0.25	79.2	−2.7	47.8	47.9	93.2	0.836	0.693	0.276	82.9	−4.1	53.6	53.8	94.4	6.9	80	1.0	0.816	0.0	84.9	−4.3	76.5	76.7	93.2
624	R76Y_087_050dd	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.758	0.375	79.8	−0.9	39.4	39.4	91.3	0.853	0.705	0.398	82.6	−2.8	44.5	44.5	93.6	6.1	77	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
625	R68Y_087_037dd	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.756	0.5	79.8	1.9	29.3	29.4	86.2	0.871	0.702	0.523	82.4	−1.1	33.3	33.3	91.9	5.6	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
626	R50Y_087_025dd	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.75	0.625	80.2	4.2	18.2	18.7	76.7	0.875	0.722	0.649	81.7	1.9	22.2	22.3	84.8	4.8	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
627	R00Y_087_012dd	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	80.1	7.4	4.9	8.9	33.7	0.873	0.725	0.768	81.2	4.8	8.2	9.5	59.4	4.2	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
628	B50R_087_012dd	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	80.2	8.8	−1.3	8.9	351.1	0.858	0.725	0.819	82.3	10.0	−6.1	11.7	328.5	5.3	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
629	B25R_100_025dd	0.875	0.75	1.0	1.0	0.25	0.875	300	0.875	0.75	1.0	81.2	12.5	−7.2	14.4	329.9	0.872	0.722	0.897	84.1	12.0	−9.0	15.0	323.0	3.4	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
630	Y00G_087_087dd	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	81.9	−12.6	73.6	74.7	99.7	0.756	0.768	0.088	89.7	−13.0	90.1	91.0	98.2	18.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
631	Y00G_087_075dd	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	82.5	−10.8	63.1	64.0	99.7	0.786	0.779	0.18	88.5	−12.5	77.9	78.9	99.1	16.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
632	Y00G_087_062dd	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	83.1	−9.0	52.6	53.3	99.7	0.812	0.786	0.269	88.0	−11.1	61.1	62.1	100.2	10.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
633	Y00G_087_050dd	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	83.8	−7.2	42.0	42.7	99.7	0.832	0.798	0.409	87.5	−9.9	49.1	50.1	101.4	8.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
634	Y00G_087_037dd	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	84.4	−5.4	31.5	32.0	99.7	0.842	0.807	0.54	88.3	−8.5	39.5	40.4	102.1	9.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
635	Y00G_087_025dd	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	85.0	−3.6	21.0	21.3	99.7	0.85	0.82	0.662	88.3	−7.2	29.8	30.7	103.6	10.1	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
636	Y00G_087_012dd	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	85.6	−1.8	10.5	10.6	99.7	0.856	0.828	0.763	88.8	−5.4	16.2	17.1	108.5	7.5	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
637	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	88.7	0.1	−0.1	0.2	313.1	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
638	B00R_100_012dd	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	88.2	3.0	−5.4	6.2	299.6	0.868	0.846	0.956	90.3	1.7	−6.4	6.7	285.3	2.6	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
639	Y11G_100_100dd	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	92.8	−17.3	92.3	93.9	100.6	0.884	1.0	0.0	92.9	−17.5	92.9	94.5	100.7	0.6	96	0.883	1.0	0.0	92.8	−17.3	92.3	93.9	100.6
640	Y13G_100_087dd	0.875	1.0	0.125	1.0	0.875	0.562	98	0.883	1.0	0.125	93.1	−15.6	81.0	82.5	100.9	0.875	1.0	0.125	91.3	−16.6	82.0	83.7	101.4	2.3	97	0.866	1.0	0.0	92.7	−17.8	92.6	94.3	100.9
641	Y15G_100_075dd	0.875	1.0	0.25	1.0	0.75	0.625	99	0.887	1.0	0.25	93.2	−13.8	69.0	70.4	101.3	1.0	1.0	0.197	90.5	−15.7	63.4	65.3	103.9	6.4	97	0.85	1.0	0.0	92.2	−18.5	92.0	93.9	101.3
642	Y18G_100_062dd	0.875	1.0	0.375	1.0	0.625	0.687	101	0.885	1.0	0.375	93.1	−12.3	56.7	58.1	102.2	1.0	1.0	0.354	91.2	−15.7	54.6	56.8	106.0	4.4	99	0.816	1.0	0.0	91.2	−19.7	90.8	92.9	102.2
643	Y23G_100_050dd	0.875	1.0	0.5	1.0	0.5	0.75	104	0.883	1.0	0.5	93.0	−10.7	44.5	45.8	103.5	0.999	0.989	0.531	91.8	−15.5	45.5	48.0	108.8	4.9	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
644	Y31G_100_037dd	0.875	1.0	0.625	1.0	0.375	0.812	109	0.881	1.0	0.625	92.0	−10.0	30.6	32.2	108.1	0.922	0.962	0.673	92.6	−14.4	36.1	38.9	111.7	7.0	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
645	Y50G_100_025dd	0.875	1.0	0.75	1.0	0.25	0.875	120	0.875	1.0	0.75	90.7	−9.5	16.2	18.8	120.4	0.85	0.952	0.774	92.8	−12.2	23.7	26.7	117.3	8.2	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
646	G00B_100_012dd	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	91.1	−8.0	4.0	9.0	153.3	0.842	0.986	0.884	93.0	−7.9	7.9	11.2	135.0	4.2	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
647	G50B_100_012dd	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	90.8	−4.1	−5.0	6.5	230.7	0.859	0.963	0.979	91.8	−4.9	−5.9	7.7	230.0	1.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: delta 6.5

1−1032630−F0

RE630−7N, Page 27/33−F

TUB-test chart RE63; 1080 standard colours, cf=1
colors and differences, $\Delta E'^*$

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

TUB registration: 20150701-RE63/RE63L0FP.PDF /.PS
application for measurement of laser printer output, separation cmyn6* (CMYK)

TUB material: code=rha4ta

see similar files: http://130.149.60.45/~farbmetrik/RE63/RE63.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−1032630−F0

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 28/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			$h_{si\_F,dd}$	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	$h_{siM,dd}$	rgb*Mdd			LabCh*Mdd				
648	R00Y_100_100dd	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	0.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
649	R38Y_100_100dd	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	46.6	59.4	35.2	69.0	30.6	1.0	0.0	0.118	46.6	59.3	34.8	68.8	30.4	0.3	383	1.0	0.0	0.116	46.6	59.4	35.2	69.0	30.6
650	R26Y_100_100dd	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9	1.0	0.0	0.234	46.2	59.2	27.9	65.4	25.2	0.9	377	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9
651	R13Y_100_100dd	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	45.9	60.1	20.1	63.4	18.5	0.999	0.0	0.368	45.9	60.1	19.6	63.3	18.0	0.5	368	1.0	0.0	0.366	45.9	60.1	20.1	63.4	18.5
652	R00Y_100_100dd	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0	0.0	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
653	B68R_100_100dd	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	46.2	65.2	4.2	65.3	3.7	0.994	0.009	0.628	46.2	65.0	4.7	65.1	4.1	0.5	351	1.0	0.0	0.633	46.2	65.2	4.2	65.3	3.7
654	B61R_100_100dd	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7	0.999	0.001	0.764	46.2	67.7	−3.0	67.7	357.3	0.8	342	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7
655	B55R_100_100dd	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	47.2	70.0	−9.3	70.6	352.3	0.996	0.007	0.873	47.1	70.0	−9.2	70.6	352.4	0.1	336	1.0	0.0	0.883	47.2	70.0	−9.3	70.6	352.3
656	B50R_100_100dd	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	0.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
657	R11Y_100_100dd	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	52.4	54.9	53.4	76.6	44.2	1.0	0.116	0.0	52.8	54.4	54.4	77.0	44.9	1.1	36	1.0	0.116	0.0	52.4	54.9	53.4	76.6	44.2
658	R00Y_100_087dd	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	53.1	52.3	34.9	62.9	33.7	0.97	0.157	0.287	51.9	56.5	48.1	74.2	40.4	13.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
659	R36Y_100_087dd	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.241	52.8	51.9	30.1	60.0	30.0	0.957	0.159	0.335	51.2	58.6	37.8	69.8	32.8	10.3	382	1.0	0.0	0.133	46.6	59.3	34.4	68.6	30.0
660	R23Y_100_087dd	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.358	52.4	51.9	23.4	57.0	24.3	0.943	0.163	0.413	50.6	61.4	27.3	67.2	23.9	10.3	375	1.0	0.0	0.266	46.2	59.4	26.8	65.1	24.3
661	R08Y_100_087dd	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.489	52.2	53.3	15.0	55.4	15.7	0.934	0.167	0.521	50.2	63.8	18.9	66.5	16.5	11.3	365	1.0	0.0	0.416	45.9	61.0	17.1	63.3	15.7
662	B70R_100_087dd	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.635	52.4	56.1	6.3	56.5	6.4	0.939	0.174	0.626	49.2	68.3	7.9	68.8	6.6	12.7	354	1.0	0.0	0.583	46.1	64.2	7.2	64.6	6.4
663	B63R_100_087dd	1.0	0.125	0.75	1.0	0.875	0.562	346	1.0	0.125	0.766	52.4	58.9	−1.7	59.0	358.2	0.939	0.172	0.723	49.5	70.7	−1.3	70.7	358.9	12.0	344	1.0	0.0	0.733	46.2	67.4	−2.0	67.4	358.2
664	B56R_100_087dd	1.0	0.125	0.875	1.0	0.875	0.562	338	1.0	0.125	0.883	53.2	61.1	−7.7	61.6	352.7	0.952	0.177	0.818	50.1	72.3	−9.0	72.9	352.9	11.7	337	1.0	0.0	0.866	47.1	69.8	−8.8	70.4	352.7
665	B50R_100_087dd	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	53.7	61.6	−9.5	62.3	351.1	0.958	0.182	0.849	52.0	67.1	−11.4	68.1	350.2	6.1	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
666	R23Y_100_100dd	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7	1.0	0.233	0.0	60.3	39.3	61.7	73.2	57.4	2.4	42	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
667	R13Y_100_087dd	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.241	0.125	58.7	46.8	48.1	67.1	45.8	1.0	0.231	0.242	59.8	40.4	56.4	69.4	54.3	10.5	37	1.0	0.133	0.0	53.3	53.5	55.0	76.7	45.8
668	R00Y_100_075dd	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	59.3	44.8	29.9	53.9	33.7	0.997	0.27	0.427	60.0	41.1	45.8	61.6	48.0	16.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
669	R35Y_100_075dd	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.362	59.0	44.5	25.1	51.1	29.4	0.98	0.271	0.474	58.5	45.7	33.6	56.8	36.3	8.6	382	1.0	0.0	0.15	46.5	59.3	33.4	68.1	29.4
670	R18Y_100_075dd	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.487	58.6	44.9	17.6	48.2	21.4	0.963	0.269	0.545	57.4	49.7	23.6	55.1	25.4	7.8	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
671	R00Y_100_075dd	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.625	58.4	46.7	9.1	47.6	11.0	0.956	0.267	0.635	57.5	52.7	11.5	54.0	12.3	6.5	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
672	B65R_100_075dd	1.0	0.25	0.75	1.0	0.75	0.625	349	1.0	0.25	0.762	58.7	49.7	0.8	49.7	1.0	0.963	0.268	0.73	57.7	55.9	0.2	55.9	0.2	6.3	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
673	B57R_100_075dd	1.0	0.25	0.875	1.0	0.75	0.625	339	1.0	0.25	0.887	59.3	52.2	−5.9	52.5	353.4	0.968	0.267	0.816	59.2	57.3	−9.9	58.2	350.1	6.4	337	1.0	0.0	0.85	46.9	69.6	−7.9	70.0	353.4
674	B50R_100_075dd	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	59.8	52.8	−8.1	53.4	351.1	0.973	0.271	0.848	61.1	53.8	−11.8	55.1	347.5	3.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
675	R36Y_100_100dd	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	66.2	28.2	67.5	73.1	67.3	1.0	0.367	0.0	66.7	27.3	67.8	73.1	68.0	0.9	51	1.0	0.366	0.0	66.2	28.2	67.5	73.1	67.3
676	R26Y_100_087dd	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.358	0.125	65.5	33.1	54.8	64.0	58.8	1.0	0.356	0.218	66.4	28.1	60.2	66.5	64.9	7.3	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
677	R15Y_100_075dd	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.362	0.25	64.8	38.6	42.1	57.1	47.4	1.0	0.344	0.361	66.1	29.7	50.4	58.5	59.4	12.2	37	1.0	0.15	0.0	54.3	51.5	56.1	76.2	47.4
678	R00Y_100_062dd	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	65.4	37.3	24.9	44.9	33.7	1.0	0.369	0.529	66.1	31.7	37.5	49.1	49.7	13.7	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
679	R31Y_100_062dd	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.489	65.1	37.1	19.7	42.0	28.0	0.995	0.371	0.573	65.7	34.6	26.6	43.6	37.5	7.3	380	1.0	0.0	0.183	46.4	59.3	31.6	67.2	28.0
680	R11Y_100_062dd	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.614	64.8	37.7	11.9	39.5	17.5	0.977	0.372	0.648	65.3	38.4	15.5	41.4	22.0	3.7	367	1.0	0.0	0.383	45.9	60.3	19.1	63.3	17.5
681	B69R_100_062dd	1.0	0.375	0.75	1.0	0.625	0.687	353	1.0	0.375	0.76	65.0	40.5	3.2	40.6	4.6	0.978	0.371	0.743	65.7	41.3	4.3	41.5	5.9	1.5	352	1.0	0.0	0.616	46.2	64.8	5.2	65.0	4.6
682	B59R_100_062dd	1.0	0.375	0.875	1.0	0.625	0.687	341	1.0	0.375	0.885	65.3	43.1	−3.9	43.3	354.7	0.98	0.371	0.828	66.1	45.0	−6.8	45.5	351.3	3.5	339	1.0	0.0	0.816	46.7	69.0	−6.3	69.3	354.7
683	B50R_100_062dd	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	65.9	44.0	−6.8	44.5	351.1	0.986	0.377	0.866	67.2	45.2	−10.7	46.5	346.6	4.3	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
684	R50Y_100_100dd	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7	0.0	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
685	R41Y_100_087dd	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.489	0.125	72.0	21.0	60.9	64.4	70.9	1.0	0.48	0.181	72.6	16.6	65.9	68.0	75.8	6.7	54	1.0	0.416	0.0	68.5	24.0	69.6	73.7	70.9
686	R31Y_100_075dd	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.487	0.25	71.8	24.8	48.9	54.8	63.1	1.0	0.473	0.25	72.5	18.4	51.3	54.5	70.2	6.9	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
687	R18Y_100_062dd	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.489	0.375	71.3	29.7	36.4	47.0	50.8	1.0	0.454	0.459	72.5	20.2	40.5	45.3	63.5	10.4	39	1.0	0.183	0.0	56.3	47.5	58.3	75.2	50.8
688	R00Y_100_050dd	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.6	29.9	19.9	35.9	33.7	1.0	0.466	0.611	72.9	21.9	30.1	37.2	53.8	12.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
689	R26Y_100_050dd	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.616	71.3	29.6	14.4	32.9	25.9	1.0	0.469	0.657	73.3	24.7	18.2	30.7	36.3	6.5	377	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9
690	R00Y_100_050dd	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.75	71.0	31.1	6.0	31.7	11.0	0.987	0.474	0.737	72.9	29.6	5.9	30.2	11.2	2.4	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
691	B61R_100_050dd	1.0	0.5	0.875	1.0	0.5	0.75	344	1.0	0.5	0.883	71.3	34.0	−1.9	34.0	356.7	0.987	0.478	0.825	72.8	34.3	−5.5	34.8	350.7	3.9	342	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7
692	B50R_100_050dd	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	72.0	35.2	−5.4	35.6	351.1	0.995	0.487	0.869	73.3	35.3	−9.3	36.5	345.2	4.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
693	R63Y_100_100dd	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	76.4	9.6	76.9	77.5	82.8	1.0	0.632	0.0	76.0	10.3	76.7	77.4	82.3	0.8	68	1.0	0.633	0.0	76.4	9.6	76.9	77.5	82.8
694	R58Y_100_087dd	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.635	0.125	77.4	11.1	66.0	66.9	80.4	1.0	0.612	0.167	77.4	8.3	69.4	69.9	83.1	4.4	65	1.0	0.583	0.0	74.7	12.7	75.4	76.5	80.4
695	R50Y_100_075dd	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.625	0.25	78.2	12.8	54.6	56.1	76.7	1.0	0.615	0.25	77.8	9.2	56.1	56.8	80.6	3.9	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
696	R38Y_100_062dd	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.614	0.375	78.0	16.7	42.6	45.7	68.6	1.0	0.596	0.376	78.0	10.9	43.6	44.9	75.8	5.8	52	1.0	0.383	0.0	67.0	26.7	68.2	73.2	68.6
697	R23Y_100_050dd	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.616	0.5	77.8	20.7	30.4	36.8	55.7	1.0	0.571	0.546	78.6	12.5	32.9	35.2	69.1	8.5	42	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
698	R00Y_100_037dd	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	77.8	22.4	14.9	26.9	33.7	1.0	0.576	0.694	79.2	14.8	22.0	26.5	55.9	10.4	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
699	R18Y_100_037dd	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.743	77.4	22.4	8.8	24.1	21.4	1.0	0.585	0.747	79.2	19.0	9.5	21.3	26.5	3.8	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
700	B65R_100_037dd	1.0	0.625	0.875	1.0	0.375	0.812	349	1.0	0.625	0.881	77.5	24.8	0.4	24.8	1.0	0.995	0.588	0.829	79.7	23.5	−3.1	23.7	352.4	4.4	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
701	B50R_100_037dd	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	78.0	26.4	−4.0	26.7	351.1	1.0	0.593	0.885	79.7	25.7	−7.7	26.9	343.2	4.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
702	R76Y_100_100dd	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3	0.99	0.76	0.007	82.7	−1.0	79.6	79.6	90.7	1.2	77	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
703	R73Y_100_087dd	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.766	0.125	83.6	0.4	69.4	69.4	89.6	1.0	0.75	0.125	83.4	−0.8	67.1	67.1	90.7	2.6	75	1.0	0.733	0.0	81.8	0.5	79.3	79.3	89.6
704	R68Y_100_075dd	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.762	0.25	83.4	3.8	58.7	58.8	86.2	1.0	0.735	0.25	83.5	0.0	59.2	59.2	90.0	3.9	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
705	R61Y_100_062dd	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.76	0.375	83.4	6.7	47.7	48.2	81.9	1.0	0.729	0.376	83.5	1.5	49.4	49.4	88.1	5.4	67	1.0	0.616	0.0	75.7	10.8	76.4	77.2	81.9
706	R50Y_100_050dd	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	84.2	8.5	36.4	37.4	76.7	1.0	0.716	0.559	84.2	2.3	40.9	41.0	86.7	7.7	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
707	R31Y_100_037dd	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.743	0.625	84.0	12.4	24.4	27.4	63.1	1.0	0.694	0.659	84.4	5.6	28.2	28.8	78.7	7.8	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
708	R00Y_100_025dd	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	83.9	14.9	9.9	17.9	33.7	1.0	0.695	0.783	86.0	7.8	14.4	16.4	61.3	8.6	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
709	R00Y_100_025dd	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.875	83.6	15.5	3.0	15.8	11.0	0.998	0.711	0.842	85.3	14.3	1.0	14.3	4.2	2.8	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
710	B50R_100_025dd	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	84.1	17.6	−2.7	17.8	351.1	0.999	0.719	0.929	85.7	16.8	−5.8	17.8	340.7	3.6	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
711	R88Y_100_100dd	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	87.2	−7.4	74.5	74.9	95.7	0.995	0.878	0.004	86.9	−7.0	73.8	74.1	95.4	0.8	83	1.0	0.883	0.0	87.2	−7.4	74.5	74.9	95.7
712	R86Y_100_087dd	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.883	0.125	87.8	−5.8	64.9	65.2	95.1	1.0	0.875	0.125	87.4	−6.9	67.0	67.3	95.9	2.3	82	1.0	0.866	0.0	86.6	−6.6	74.2	74.5	95.1
713	R85Y_100_075dd	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.887	0.25	88.6	−4.4	56.2	56.4	94.5	1.0	0.875	0.25	87.6	−5.7	57.1	57.4	95.7	1.8	81	1.0	0.85	0.0	86.1	−5.9	75.0	75.2	94.5
714	R81Y_100_062dd	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.885	0.375	89.2	−2.7	47.8	47.9	93.2	1.0	0.874	0.389	87.8	−4.3	48.8	49.0	95.1	2.4	80	1.0	0.816	0.0	84.9	−4.3	76.5	76.7	93.2
715	R76Y_100_050dd	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.883	0.5	89.8	−0.9	39.4	39.4	91.3	1.0	0.874	0.564	88.1	−3.1	41.3	41.5	94.4	3.4	77	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
716	R68Y_100_037dd	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.881	0.625	89.8	1.9	29.3	29.4	86.2	1.0	0.85	0.675	88.8	−1.7	32.9	33.0	93.0	5.2	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
717	R50Y_100_025dd	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.875	0.75	90.2	4.2	18.2	18.7	76.7	1.0	0.81	0.749	91.4	−1.9	21.4	21.5	95.1	7.1	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
718	R00Y_100_012dd	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	90.1	7.4	4.9	8.9	33.7	1.0	0.842	0.902	91.1	3.3	8.2	8.9	67.7	5.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
719	B50R_100_012dd	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	90.2	8.8	−1.3	8.9	351.1	0.997	0.843	0.969	91.9	7.5	−3.1	8.1	337.3	2.7	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
720	Y00G_100_100dd	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	0.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
721	Y00G_100_087dd	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	91.9	−12.6	73.6	74.7	99.7	1.0	1.0	0.125	91.4	−14.0	76.1	77.4	100.4	2.9	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
722	Y00G_100_075dd	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	92.5	−10.8	63.1	64.0	99.7	1.0	1.0	0.25	91.6	−12.3	62.3	63.5	101.2	1.9	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
723	Y00G_100_062dd	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	93.1	−9.0	52.6	53.3	99.7	1.0	0.985	0.411	92.7	−12.6	55.0	56.5	102.9	4.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
724	Y00G_100_050dd	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	93.8	−7.2	42.0	42.7	99.7	1.0	0.983	0.581	93.3	−11.7	47.0	48.4	104.0	6.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
725	Y00G_100_037dd	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	94.4	−5.4	31.5	32.0	99.7	1.0	0.953	0.718	93.9	−10.4	38.4	39.8	105.2	8.5	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
726	Y00G_100_025dd	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	95.0	−3.6	21.0	21.3	99.7	1.0	0.958	0.839	95.2	−9.8	29.8	31.4	108.3	10.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
727	Y00G_100_012dd	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	95.6	−1.8	10.5	10.6	99.7	1.0	0.978	0.926	95.7	−6.4	17.8	19.0	109.9	8.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
728	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 5.3

1−1032730−F0 RE630−7N, Page 28/33−F

TUB-test chart RE63; 1080 standard colours, cf=1
colors and differences, $\Delta E'*$

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

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 29/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
729	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.3	0.3	272.1	0.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
730	G50B_100_012dd	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	90.8	−4.1	−5.0	6.5	230.7	0.859	0.963	0.979	91.7	−4.9	−6.4	8.1	232.3	1.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
731	G50B_100_025dd	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	85.4	−8.2	−10.1	13.0	230.7	0.709	0.872	0.869	86.0	−8.7	−13.6	16.2	237.3	3.6	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
732	G50B_100_037dd	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	80.0	−12.3	−15.1	19.5	230.7	0.576	0.854	0.854	81.3	−11.7	−18.6	22.0	237.8	3.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
733	G50B_100_050dd	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	74.6	−16.4	−20.2	26.0	230.7	0.46	0.847	0.844	75.3	−15.3	−24.9	29.2	238.3	4.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
734	G50B_100_062dd	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	69.2	−20.6	−25.2	32.5	230.7	0.332	0.86	0.845	69.6	−19.0	−29.6	35.2	237.2	4.6	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
735	G50B_100_075dd	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	63.8	−24.7	−30.3	39.1	230.7	0.256	0.972	0.941	61.9	−25.1	−34.5	42.7	233.9	4.6	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
736	G50B_100_087dd	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	58.4	−28.8	−35.3	45.6	230.7	0.112	0.868	0.903	55.9	−29.4	−38.7	48.6	232.6	4.2	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
737	G50B_100_100dd	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	0.0	0.999	0.999	52.7	−31.6	−41.0	51.8	232.3	1.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
738	R00Y_100_012dd	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	90.1	7.4	4.9	8.9	33.7	1.0	0.842	0.902	91.5	3.3	7.1	7.9	64.7	4.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
739	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	89.6	0.2	−0.2	0.3	305.8	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
740	G50B_087_012dd	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	80.8	−4.1	−5.0	6.5	230.7	0.713	0.795	0.81	87.2	−6.4	−8.9	11.0	234.3	7.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
741	G50B_087_025dd	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	75.4	−8.2	−10.1	13.0	230.7	0.579	0.739	0.737	82.9	−10.9	−15.8	19.2	235.3	9.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
742	G50B_087_037dd	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	70.0	−12.3	−15.1	19.5	230.7	0.459	0.716	0.719	77.3	−15.0	−20.9	25.7	234.2	9.6	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
743	G50B_087_050dd	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	64.6	−16.4	−20.2	26.0	230.7	0.341	0.712	0.709	71.4	−18.1	−27.1	32.6	236.2	9.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
744	G50B_087_062dd	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	59.2	−20.6	−25.2	32.5	230.7	0.207	0.716	0.705	66.2	−22.2	−29.9	37.2	233.4	8.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
745	G50B_087_075dd	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	53.8	−24.7	−30.3	39.1	230.7	0.102	0.661	0.673	59.6	−28.7	−33.0	43.8	228.9	7.6	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
746	G50B_087_087dd	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	48.4	−28.8	−35.3	45.6	230.7	0.009	0.576	0.603	52.3	−33.3	−39.4	51.6	229.7	7.2	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
747	R00Y_100_025dd	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	83.9	14.9	9.9	17.9	33.7	1.0	0.695	0.783	86.8	8.2	10.5	13.3	52.0	7.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
748	R00Y_087_012dd	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	80.1	7.4	4.9	8.9	33.7	0.873	0.725	0.768	82.6	5.3	5.9	8.0	48.0	3.4	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
749	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	79.0	0.1	−0.2	0.2	303.9	2.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
750	G50B_075_012dd	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	70.9	−4.1	−5.0	6.5	230.7	0.579	0.658	0.655	77.1	−6.4	−9.7	11.7	236.4	8.1	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
751	G50B_075_025dd	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	65.5	−8.2	−10.1	13.0	230.7	0.463	0.611	0.597	73.5	−12.3	−15.9	20.1	232.2	10.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
752	G50B_075_037dd	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	60.0	−12.3	−15.1	19.5	230.7	0.348	0.595	0.588	67.9	−16.2	−21.9	27.3	233.4	11.1	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
753	G50B_075_050dd	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	54.6	−16.4	−20.2	26.0	230.7	0.238	0.595	0.567	61.8	−19.2	−26.5	32.8	234.0	10.0	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
754	G50B_075_062dd	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	49.2	−20.6	−25.2	32.5	230.7	0.114	0.557	0.524	57.4	−25.2	−31.0	40.0	230.7	11.0	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
755	G50B_075_075dd	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	43.8	−24.7	−30.3	39.1	230.7	0.016	0.494	0.468	51.8	−36.0	−36.8	51.5	225.6	15.2	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
756	R00Y_100_037dd	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	77.8	22.4	14.9	26.9	33.7	1.0	0.576	0.694	80.3	14.1	18.2	23.0	52.3	9.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
757	R00Y_087_025dd	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	73.9	14.9	9.9	17.9	33.7	0.889	0.59	0.681	77.1	9.1	13.1	16.0	55.3	7.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
758	R00Y_075_012dd	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	70.1	7.4	4.9	8.9	33.7	0.741	0.59	0.632	74.2	5.0	6.1	7.9	50.5	4.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
759	NW_062dd	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	0.576	0.565	0.557	69.0	0.1	−0.9	0.9	282.1	2.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
760	G50B_062_012dd	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	60.9	−4.1	−5.0	6.5	230.7	0.464	0.537	0.529	67.3	−6.7	−12.0	13.7	240.7	9.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
761	G50B_062_025dd	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	55.5	−8.2	−10.1	13.0	230.7	0.357	0.496	0.48	63.7	−12.3	−16.5	20.6	233.2	11.1	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
762	G50B_062_037dd	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	50.1	−12.3	−15.1	19.5	230.7	0.259	0.482	0.455	57.5	−15.3	−23.1	27.7	236.4	11.3	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
763	G50B_062_050dd	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	44.6	−16.4	−20.2	26.0	230.7	0.129	0.451	0.413	53.6	−21.0	−28.9	35.7	233.9	13.3	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
764	G50B_062_062dd	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	39.2	−20.6	−25.2	32.5	230.7	0.0	0.366	0.347	50.0	−32.3	−36.5	48.7	228.5	19.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
765	R00Y_100_050dd	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.6	29.9	19.9	35.9	33.7	1.0	0.466	0.611	73.9	21.5	24.9	32.9	49.2	10.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
766	R00Y_087_037dd	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	67.8	22.4	14.9	26.9	33.7	0.89	0.45	0.582	71.2	15.4	18.7	24.3	50.4	8.6	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
767	R00Y_075_025dd	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	63.9	14.9	9.9	17.9	33.7	0.755	0.447	0.543	67.5	9.5	13.1	16.2	53.8	7.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
768	R00Y_062_012dd	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	60.1	7.4	4.9	8.9	33.7	0.595	0.438	0.473	62.4	5.6	4.9	7.5	41.3	2.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
769	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	58.4	0.1	−0.9	0.9	276.5	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
770	G50B_050_012dd	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	50.9	−4.1	−5.0	6.5	230.7	0.353	0.42	0.408	56.5	−6.8	−11.7	13.6	239.7	9.1	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
771	G50B_050_025dd	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	45.5	−8.2	−10.1	13.0	230.7	0.274	0.389	0.368	52.9	−12.7	−19.0	22.9	236.1	12.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
772	G50B_050_037dd	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	40.1	−12.3	−15.1	19.5	230.7	0.146	0.347	0.325	49.0	−15.8	−25.8	30.3	238.4	14.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
773	G50B_050_050dd	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	34.7	−16.4	−20.2	26.0	230.7	0.0	0.25	0.25	45.7	−23.5	−33.2	40.7	234.6	18.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
774	R00Y_100_062dd	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	65.4	37.3	24.9	44.9	33.7	1.0	0.369	0.529	66.4	31.1	36.2	47.8	49.3	12.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
775	R00Y_087_050dd	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	61.6	29.9	19.9	35.9	33.7	0.884	0.328	0.468	64.9	22.3	25.6	34.0	48.8	9.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
776	R00Y_075_037dd	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	57.8	22.4	14.9	26.9	33.7	0.759	0.317	0.436	60.3	16.4	18.7	24.9	48.7	7.5	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
777	R00Y_062_025dd	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	54.0	14.9	9.9	17.9	33.7	0.612	0.318	0.38	54.7	11.4	12.4	16.9	47.5	4.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
778	R00Y_050_012dd	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	50.1	7.4	4.9	8.9	33.7	0.473	0.328	0.35	50.8	6.1	4.2	7.4	34.6	1.6	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
779	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	49.3	0.0	−1.4	1.4	273.8	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
780	G50B_037_012dd	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	40.9	−4.1	−5.0	6.5	230.7	0.262	0.318	0.306	46.6	−8.3	−14.6	16.8	240.2	11.9	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
781	G50B_037_025dd	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	35.5	−8.2	−10.1	13.0	230.7	0.162	0.272	0.254	45.1	−12.7	−21.2	24.7	239.1	15.3	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
782	G50B_037_037dd	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	30.1	−12.3	−15.1	19.5	230.7	0.0	0.125	0.125	42.3	−19.4	−26.3	32.7	233.5	18.0	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
783	R00Y_100_075dd	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	59.3	44.8	29.9	53.9	33.7	0.997	0.27	0.427	60.8	39.5	44.8	59.7	48.5	15.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
784	R00Y_087_062dd	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	55.4	37.3	24.9	44.9	33.7	0.866	0.209	0.35	59.5	30.6	34.2	45.9	48.1	12.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
785	R00Y_075_050dd	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.6	29.9	19.9	35.9	33.7	0.755	0.205	0.331	53.7	24.1	26.8	36.0	47.9	9.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
786	R00Y_062_037dd	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	47.8	22.4	14.9	26.9	33.7	0.612	0.21	0.291	48.4	17.9	21.7	28.1	50.3	8.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
787	R00Y_050_025dd	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	44.0	14.9	9.9	17.9	33.7	0.483	0.212	0.269	44.8	12.0	14.3	18.7	50.0	5.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
788	R00Y_037_012dd	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	40.1	7.4	4.9	8.9	33.7	0.345	0.222	0.242	41.3	7.8	6.5	10.2	39.8	1.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
789	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	37.7	0.0	−1.1	1.1	270.9	1.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
790	G50B_025_012dd	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	30.9	−4.1	−5.0	6.5	230.7	0.138	0.191	0.184	38.0	−9.2	−15.1	17.7	238.6	13.3	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
791	G50B_025_025dd	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	25.5	−8.2	−10.1	13.0	230.7	0.0	0.125	0.125	38.1	−13.7	−19.6	24.0	234.9	16.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
792	R00Y_100_087dd	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	53.1	52.3	34.9	62.9	33.7	0.97	0.157	0.287	52.6	54.8	46.0	71.6	39.9	11.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
793	R00Y_087_075dd	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	49.3	44.8	29.9	53.9	33.7	0.847	0.114	0.235	51.7	44.6	41.2	60.8	42.7	11.5	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
794	R00Y_075_062dd	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	45.5	37.3	24.9	44.9	33.7	0.745	0.104	0.207	46.7	34.1	31.6	46.5	42.8	7.5	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
795	R00Y_062_050dd	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	41.6	29.9	19.9	35.9	33.7	0.596	0.108	0.199	42.1	28.6	29.5	41.1	45.9	9.7	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
796	R00Y_050_037dd	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	37.8	22.4	14.9	26.9	33.7	0.457	0.093	0.168	39.0	21.0	22.9	31.1	47.4	8.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
797	R00Y_037_025dd	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	34.0	14.9	9.9	17.9	33.7	0.339	0.093	0.15	36.5	13.1	16.3	20.9	51.2	7.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
798	R00Y_025_012dd	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	30.1	7.4	4.9	8.9	33.7	0.245	0.127	0.149	32.5	7.7	9.2	12.0	49.9	4.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
799	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	23.0	0.0	−0.5	0.5	273.4	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
800	G50B_012_012dd	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	20.9	−4.1	−5.0	6.5	230.7	0.0	0.039	0.03	32.2	−9.1	−12.3	15.4	233.4	14.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
801	R00Y_100_100dd	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	47.0	58.3	38.5	69.9	33.4	1.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
802	R00Y_087_087dd	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	43.1	52.3	34.9	62.9	33.7	0.838	0.014	0.0	41.9	52.7	32.2	61.8	31.4	2.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
803	R00Y_075_075dd	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	39.3	44.8	29.9	53.9	33.7	0.699	0.023	0.043	38.7	47.8	30.7	56.8	32.7	3.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
804	R00Y_062_062dd	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	35.5	37.3	24.9	44.9	33.7	0.55	0.016	0.062	34.8	43.3	28.8	52.0	33.6	7.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
805	R00Y_050_050dd	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	31.6	29.9	19.9	35.9	33.7	0.415	0.0	0.041	32.2	36.6	25.6	44.7	35.0	8.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
806	R00Y_037_037dd	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	27.8	22.4	14.9	26.9	33.7	0.31	0.0	0.016	30.5	26.6	20.4	33.6	37.4	7.4	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
807	R00Y_025_025dd	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	24.0	14.9	9.9	17.9	33.7	0.207	0.0	0.0	29.1	14.8	15.1	21.2	45.5	7.2	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
808	R00Y_012_012dd	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	20.2	7.4	4.9	8.9	33.7	0.103	0.0	0.0	25.6	7.4	8.6	11.4	49.4	6.5	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
809	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.1	0.0	0.3	0.3	88.2	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 8.0

1-1032830-F0 RE630-7N, Page 29/33-F

TUB-test chart RE63; 1080 standard colours, cf=1
colors and differences, $\Delta E'^*$

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmyk^*_{dd}$

1-1032830-F0

TUB registration: 20150701-RE63/RE63L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6* (CMYK)

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 30/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd				
810	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
811	B00R_100_012dd	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	88.2	3.0	−5.4	6.2	299.6
812	B00R_100_025dd	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	80.1	6.1	−10.8	12.4	299.6
813	B00R_100_037dd	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	72.1	9.2	−16.2	18.7	299.6
814	B00R_100_050dd	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	64.0	12.3	−21.6	24.9	299.6
815	B00R_100_062dd	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	56.0	15.4	−27.1	31.1	299.6
816	B00R_100_075dd	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	47.9	18.4	−32.5	37.4	299.6
817	B00R_100_087dd	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	39.8	21.5	−37.9	43.6	299.6
818	B00R_100_100dd	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
819	Y00G_100_012dd	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	95.6	−1.8	10.5	10.6	99.7
820	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0
821	B00R_087_012dd	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	78.2	3.0	−5.4	6.2	299.6
822	B00R_087_025dd	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	70.1	6.1	−10.8	12.4	299.6
823	B00R_087_037dd	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	62.1	9.2	−16.2	18.7	299.6
824	B00R_087_050dd	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	54.0	12.3	−21.6	24.9	299.6
825	B00R_087_062dd	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	46.0	15.4	−27.1	31.1	299.6
826	B00R_087_075dd	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	37.9	18.4	−32.5	37.4	299.6
827	B00R_087_087dd	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	29.8	21.5	−37.9	43.6	299.6
828	Y00G_100_025dd	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	95.0	−3.6	21.0	21.3	99.7
829	Y00G_087_012dd	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	85.6	−1.8	10.5	10.6	99.7
830	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0
831	B00R_075_012dd	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	68.2	3.0	−5.4	6.2	299.6
832	B00R_075_025dd	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	60.2	6.1	−10.8	12.4	299.6
833	B00R_075_037dd	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	52.1	9.2	−16.2	18.7	299.6
834	B00R_075_050dd	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	44.0	12.3	−21.6	24.9	299.6
835	B00R_075_062dd	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	36.0	15.4	−27.1	31.1	299.6
836	B00R_075_075dd	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	27.9	18.4	−32.5	37.4	299.6
837	Y00G_100_037dd	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	94.4	−5.4	31.5	32.0	99.7
838	Y00G_087_025dd	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	85.0	−3.6	21.0	21.3	99.7
839	Y00G_075_012dd	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	75.6	−1.8	10.5	10.6	99.7
840	NW_062dd	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
841	B00R_062_012dd	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	58.2	3.0	−5.4	6.2	299.6
842	B00R_062_025dd	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	50.2	6.1	−10.8	12.4	299.6
843	B00R_062_037dd	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	42.1	9.2	−16.2	18.7	299.6
844	B00R_062_050dd	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	34.0	12.3	−21.6	24.9	299.6
845	B00R_062_062dd	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	26.0	15.4	−27.1	31.1	299.6
846	Y00G_100_050dd	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	93.8	−7.2	42.0	42.7	99.7
847	Y00G_087_037dd	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	84.4	−5.4	31.5	32.0	99.7
848	Y00G_075_025dd	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	75.0	−3.6	21.0	21.3	99.7
849	Y00G_062_012dd	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	65.7	−1.8	10.5	10.6	99.7
850	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0
851	B00R_050_012dd	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	48.2	3.0	−5.4	6.2	299.6
852	B00R_050_025dd	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	40.2	6.1	−10.8	12.4	299.6
853	B00R_050_037dd	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	32.1	9.2	−16.2	18.7	299.6
854	B00R_050_050dd	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	24.1	12.3	−21.6	24.9	299.6
855	Y00G_100_062dd	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	93.1	−9.0	52.6	53.3	99.7
856	Y00G_087_050dd	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	83.8	−7.2	42.0	42.7	99.7
857	Y00G_075_037dd	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	74.4	−5.4	31.5	32.0	99.7
858	Y00G_062_025dd	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	65.0	−3.6	21.0	21.3	99.7
859	Y00G_050_012dd	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	55.7	−1.8	10.5	10.6	99.7
860	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0
861	B00R_037_012dd	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	38.2	3.0	−5.4	6.2	299.6
862	B00R_037_025dd	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	30.2	6.1	−10.8	12.4	299.6
863	B00R_037_037dd	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	22.1	9.2	−16.2	18.7	299.6
864	Y00G_100_075dd	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	92.5	−10.8	63.1	64.0	99.7
865	Y00G_087_062dd	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	83.1	−9.0	52.6	53.3	99.7
866	Y00G_075_050dd	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	73.8	−7.2	42.0	42.7	99.7
867	Y00G_062_037dd	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	64.4	−5.4	31.5	32.0	99.7
868	Y00G_050_025dd	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	55.0	−3.6	21.0	21.3	99.7
869	Y00G_037_012dd	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	45.7	−1.8	10.5	10.6	99.7
870	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0
871	B00R_025_012dd	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	28.2	3.0	−5.4	6.2	299.6
872	B00R_025_025dd	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	20.2	6.1	−10.8	12.4	299.6
873	Y00G_100_087dd	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	91.9	−12.6	73.6	74.7	99.7
874	Y00G_087_075dd	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	82.5	−10.8	63.1	64.0	99.7
875	Y00G_075_062dd	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	73.1	−9.0	52.6	53.3	99.7
876	Y00G_062_050dd	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	63.8	−7.2	42.0	42.7	99.7
877	Y00G_050_037dd	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	54.4	−5.4	31.5	32.0	99.7
878	Y00G_037_025dd	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	45.0	−3.6	21.0	21.3	99.7
879	Y00G_025_012dd	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	35.7	−1.8	10.5	10.6	99.7
880	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0
881	B00R_012_012dd	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	18.3	3.0	−5.4	6.2	299.6
882	Y00G_100_100dd	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
883	Y00G_087_087dd	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	81.9	−12.6	73.6	74.7	99.7
884	Y00G_075_075dd	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	72.5	−10.8	63.1	64.0	99.7
885	Y00G_062_062dd	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	63.2	−9.0	52.6	53.3	99.7
886	Y00G_050_050dd	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	53.8	−7.2	42.0	42.7	99.7
887	Y00G_037_037dd	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	44.4	−5.4	31.5	32.0	99.7
888	Y00G_025_025dd	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	35.1	−3.6	21.0	21.3	99.7
889	Y00G_012_012dd	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	25.7	−1.8	10.5	10.6	99.7
890	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0

n	rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
810	1.0	1.0	1.0	96.4	0.1	−0.4	0.4	285.0	0.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
811	0.868	0.846	0.956	89.7	2.2	−7.0	7.4	287.3	2.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
812	0.785	0.735	0.917	80.8	3.4	−15.0	15.4	283.0	4.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
813	0.666	0.616	0.868	70.2	7.3	−21.9	23.1	288.4	6.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
814	0.559	0.501	0.839	58.2	11.4	−29.9	32.0	290.8	10.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
815	0.477	0.411	0.836	48.3	17.2	−35.3	39.3	295.9	11.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
816	0.36	0.302	0.833	39.0	21.9	−40.2	45.8	298.6	12.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
817	0.231	0.207	0.851	35.2	22.8	−42.3	48.0	298.3	6.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
818	0.0	0.0	1.0	31.2	24.1	−44.0	50.2	298.6	1.0	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
819	1.0	0.978	0.926	95.8	−5.8	15.9	17.0	110.2	6.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
820	0.843	0.838	0.845	90.1	0.1	0.0	0.1	338.0	3.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
821	0.762	0.734	0.816	81.8	2.2	−9.9	10.2	282.9	5.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
822	0.643	0.601	0.749	72.8	5.8	−17.5	18.4	288.6	7.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
823	0.547	0.487	0.749	63.0	9.5	−26.2	27.9	290.0	10.0	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
824	0.444	0.371	0.732	50.8	15.3	−34.1	37.4	294.1	13.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
825	0.302	0.237	0.695	41.3	19.7	−39.5	44.2	296.5	13.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
826	0.171	0.118	0.65	36.2	20.9	−42.3	47.2	296.2	10.2	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
827	0.047	0.021	0.556	29.5	26.1	−43.9	51.1	300.7	7.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
828	1.0	0.958	0.839	95.3	−9.1	27.1	28.6	108.6	8.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
829	0.856	0.828	0.763	90.0	−4.8	14.2	15.0	108.6	6.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
830	0.725	0.724	0.722	79.4	0.2	−0.3	0.4	302.5	3.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
831	0.613	0.589	0.654	71.9	3.1	−10.9	11.4	285.8	6.7	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
832	0.521	0.476	0.609	62.3	5.6	−17.7	18.5	287.6	7.2	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
833	0.425	0.365	0.589	52.4	8.6	−25.5	27.0	288.5	9.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
834	0.303	0.237	0.561	45.8	13.6	−31.8	34.6	293.2	10.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
835	0.181	0.118	0.534	39.3	16.0	−38.4	41.6	292.6	11.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
836	0.022	0.0	0.432	28.0	26.1	−44.6	51.7	300.3	14.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
837	1.0	0.953	0.718	93.8	−9.3	34.8	36.0	104.9	5.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
838	0.85	0.82	0.662	89.6	−6.3	25.9	26.7	103.7	7.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
839	0.722	0.696	0.614	81.5	−3.5	11.4	11.9	107.2	6.1	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
840	0.576	0.565	0.557	70.5	0.2	−1.0	1.0	283.8	4.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
841	0.495	0.471	0.53	61.9	3.4	−12.7	13.1	285.1	8.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
842	0.403	0.352	0.479	51.6	6.0	−20.6	21.4	286.2	9.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
843	0.306	0.246	0.448	44.5	9.9	−26.9	28.7	290.2	10.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
844	0.195	0.123	0.429	38.7	15.0	−33.3	36.5	294.3	12.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
845	0.125	0.0	0.375	27.1	26.2	−45.2	52.3	300.0	21.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
846	1.0	0.983	0.581	93.3	−11.0	43.8	45.2	104.0	4.1	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
847	0.842	0.807	0.54	89.1	−7.9	36.6	37.5	102.2	7.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
848	0.705	0.667	0.498	81.6	−7.0	26.6	27.5	104.8	9.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
849	0.579	0.547	0.452	72.3	−4.0	10.1	10.9	111.5	7.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
850	0.461	0.449	0.438	59.6	0.1	−1.1	1.1	276.4	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
851	0.371	0.346	0.401	50.0	3.5	−14.5	14.9	283.7	9.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
852	0.298	0.251	0.359	42.3	6.9	−22.6	23.6	287.0	12.0	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
853	0.192	0.128	0.328	36.7	10.6	−28.1	30.0	290.7	12.7	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
854	0.038	0.0	0.277	30.2	19.3	−39.1	43.6	296.2	19.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
855	1.0	0.985	0.411	92.7	−12.4	54.2	55.6	102.8	3.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
856	0.832	0.798	0.409	88.3	−10.2	48.6	49.6	101.8	8.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
857	0.698	0.651	0.376	81.4	−8.3	36.9	37.8	102.7	9.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
858	0.577	0.528	0.344	72.3	−6.9	25.7	26.7	105.1	9.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
859	0.463	0.429	0.335	61.3	−4.3	10.6	11.4	112.2	6.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
860	0.343	0.332	0.324	48.8	0.0	−1.3	1.3	274.3	2.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
861	0.28	0.253	0.303	40.8	3.5	−15.9	16.3	282.4	10.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
862	0.177	0.133	0.241	33.3	6.2	−23.8	24.6	284.5	13.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
863	0.045	0.0	0.25	29.4	10.6	−29.8	31.7	289.6	15.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
864	1.0	1.0	0.25	91.6	−12.5	62.7	64.0	101.2	1.9	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
865	0.812	0.786	0.269	88.7	−11.2	59.9	61.0	100.6	9.5	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
866	0.685	0.634	0.252	81.5	−10.9	49.8	51.0	102.3	11.5	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
867	0.568	0.513	0.242	72.2	−9.5	38.6	39.8	103.8	11.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
868	0.457	0.404	0.235	62.1	−7.7	26.3	27.4	106.2	9.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
869	0.342	0.315	0.231	51.0	−5.5	13.5	14.6	112.4	7.1	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
870	0.262	0.257	0.249	37.4	0.0	−1.1	1.1	274.9	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
871	0.166	0.139	0.193	31.3	3.2	−15.3	15.7	282.0	10.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
872	0.0	0.0	0.092	25.0	5.8	−23.0	23.8	284.2	13.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
873	1.0	1.0	0.125	91.4	−14.0	76.2	77.5	100.4	3.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
874	0.786	0.779	0.18	88.8	−12.6	77.4	78.4	99.2	15.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
875	0.666	0.631	0.166	81.1	−12.1	67.9	69.0	100.1	17.5	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
876	0.554	0.507	0.151	71.5	−11.1	55.8	56.9	101.3	16.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
877	0.43	0.377	0.139	61.5	−9.6	42.6	43.6	102.7	13.8	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
878	0.333	0.291	0.136	52.3	−8.3	31.2	32.2	104.9	13.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
879	0.251	0.231	0.154	40.4	−5.0	15.7	16.4	107.7	7.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
880	0.153	0.147	0.143	22.0	0.0	−0.5	0.5	274.4	4.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
881	0.0	0.0	0.049	26.1	5.8	−13.2	14.4	293.7	11.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
882	1.0	1.0	0.0	91.2	−14.4	84.3	85.5	99.7	0.1	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
883	0.756	0.768	0.088	90.1	−13.2	90.5	91.5	98.3	18.8	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
884	0.654	0.644	0.079	81.7	−13.1	82.2	83.3	99.0	21.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
885	0.555	0.537	0.071	68.5	−11.5	68.1	69.1	99.6	16.6	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
886	0.442	0.411	0.058	57.4	−9.8	56.0	56.9	99.9	14.6	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
887	0.332	0.297	0.049	49.9	−9.7	43.6	44.7	102.6	13.9	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
888	0.236	0.205	0.039	41.7	−7.8	32.1	33.0	103.8	13.6	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
889	0.077	0.059	0.0	31.8	−4.5	15.8	16.4	106.1	8.5	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
890	0.0	0.0	0.0	12.8	0.0	0.1	0.1	74.0	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 9.3

1−1032930−F0

RE630−7N, Page 30/33−F

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, Δ*E'**

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

see similar files: http://130.149.60.45/~farbmetrik/RE63/RE63.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE63/RE63L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6* (CMYK)

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 31/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			$h_{si\_F,dd}$	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	$h_{siM,dd}$	rgb*Mdd			LabCh*Mdd				
891	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.2	0.2	273.0	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
892	B50R_100_012dd	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	90.2	8.8	−1.3	8.9	351.1	0.997	0.843	0.969	91.5	8.3	−3.4	9.0	337.6	2.4	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
893	B50R_100_025dd	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	84.1	17.6	−2.7	17.8	351.1	0.999	0.719	0.929	85.9	16.6	−5.8	17.6	340.7	3.6	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
894	B50R_100_037dd	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	78.0	26.4	−4.0	26.7	351.1	1.0	0.593	0.885	79.7	25.5	−7.5	26.6	343.4	3.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
895	B50R_100_050dd	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	72.0	35.2	−5.4	35.6	351.1	0.995	0.487	0.869	73.7	34.3	−9.0	35.5	345.2	4.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
896	B50R_100_062dd	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	65.9	44.0	−6.8	44.5	351.1	0.986	0.377	0.866	66.9	45.3	−10.4	46.4	347.0	3.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
897	B50R_100_075dd	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	59.8	52.8	−8.1	53.4	351.1	0.973	0.271	0.848	59.7	54.9	−11.4	56.1	348.2	3.8	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
898	B50R_100_087dd	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	53.7	61.6	−9.5	62.3	351.1	0.958	0.182	0.849	51.3	68.0	−10.7	68.8	351.0	6.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
899	B50R_100_100dd	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	1.0	0.0	1.0	46.9	70.2	−10.2	70.9	351.7	1.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
900	G00B_100_012dd	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	91.1	−8.0	4.0	9.0	153.3	0.842	0.986	0.884	92.7	−8.0	7.2	10.8	138.0	3.6	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
901	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	89.9	0.2	−0.2	0.3	312.5	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
902	B50R_087_012dd	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	80.2	8.8	−1.3	8.9	351.1	0.858	0.725	0.819	83.4	10.0	−5.8	11.5	329.8	5.6	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
903	B50R_087_025dd	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	74.1	17.6	−2.7	17.8	351.1	0.862	0.607	0.799	77.2	19.4	−8.2	21.1	336.9	6.6	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
904	B50R_087_037dd	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	68.0	26.4	−4.0	26.7	351.1	0.861	0.48	0.778	70.7	28.4	−10.6	30.4	339.4	7.3	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
905	B50R_087_050dd	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	62.0	35.2	−5.4	35.6	351.1	0.86	0.361	0.76	64.3	38.1	−12.7	40.2	341.4	8.2	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
906	B50R_087_062dd	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	55.9	44.0	−6.8	44.5	351.1	0.849	0.234	0.749	57.5	47.6	−13.8	49.6	343.8	8.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
907	B50R_087_075dd	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	49.8	52.8	−8.1	53.4	351.1	0.828	0.151	0.731	49.9	59.6	−15.7	61.6	345.2	10.1	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
908	B50R_087_087dd	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	43.7	61.6	−9.5	62.3	351.1	0.858	0.035	0.73	43.7	64.2	−13.3	65.6	348.2	4.6	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
909	G00B_100_025dd	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	86.0	−16.1	8.1	18.1	153.3	0.675	1.0	0.755	88.6	−14.9	13.1	19.9	138.7	5.7	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
910	G00B_087_012dd	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	81.1	−8.0	4.0	9.0	153.3	0.696	0.811	0.721	87.1	−10.6	9.1	14.0	139.5	8.2	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
911	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	78.7	0.2	−0.3	0.3	303.5	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
912	B50R_075_012dd	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	70.2	8.8	−1.3	8.9	351.1	0.728	0.596	0.687	72.8	10.1	−6.4	11.9	327.5	5.8	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
913	B50R_075_025dd	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	64.1	17.6	−2.7	17.8	351.1	0.732	0.472	0.668	66.5	19.6	−8.9	21.6	335.5	6.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
914	B50R_075_037dd	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	58.0	26.4	−4.0	26.7	351.1	0.732	0.339	0.652	59.3	28.7	−10.4	30.6	340.0	6.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
915	B50R_075_050dd	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.0	35.2	−5.4	35.6	351.1	0.714	0.229	0.629	52.7	39.3	−12.5	41.2	342.3	8.2	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
916	B50R_075_062dd	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	45.9	44.0	−6.8	44.5	351.1	0.706	0.134	0.624	45.6	50.5	−12.7	52.1	345.8	8.8	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
917	B50R_075_075dd	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	39.8	52.8	−8.1	53.4	351.1	0.72	0.035	0.614	38.7	57.7	−13.3	59.2	347.0	7.2	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
918	G00B_100_037dd	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	80.9	−24.2	12.1	27.1	153.3	0.553	1.0	0.623	83.5	−20.9	16.0	26.4	142.5	5.7	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
919	G00B_087_025dd	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	76.0	−16.1	8.1	18.1	153.3	0.543	0.789	0.572	82.3	−17.1	13.2	21.6	142.2	8.1	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
920	G00B_075_012dd	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	71.1	−8.0	4.0	9.0	153.3	0.559	0.665	0.554	76.8	−10.3	6.0	11.9	149.7	6.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
921	NW_062dd	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	0.576	0.565	0.557	68.7	0.2	−0.9	0.9	284.6	2.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
922	B50R_062_012dd	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	60.2	8.8	−1.3	8.9	351.1	0.584	0.445	0.536	63.1	10.7	−7.2	12.9	326.2	6.8	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
923	B50R_062_025dd	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	54.1	17.6	−2.7	17.8	351.1	0.579	0.32	0.505	55.7	20.3	−9.3	22.3	335.1	7.3	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
924	B50R_062_037dd	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	48.1	26.4	−4.0	26.7	351.1	0.569	0.213	0.485	49.1	31.0	−11.5	33.1	339.6	8.8	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
925	B50R_062_050dd	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	42.0	35.2	−5.4	35.6	351.1	0.557	0.118	0.478	41.8	41.5	−11.4	43.0	344.6	8.6	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
926	B50R_062_062dd	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	35.9	44.0	−6.8	44.5	351.1	0.539	0.021	0.469	34.8	51.0	−11.4	52.3	347.3	8.5	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
927	G00B_100_050dd	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	75.7	−32.3	16.2	36.2	153.3	0.46	1.0	0.501	77.5	−27.9	17.5	32.9	147.8	4.9	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
928	G00B_087_037dd	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	70.9	−24.2	12.1	27.1	153.3	0.421	0.786	0.444	76.5	−26.1	15.3	30.3	149.6	6.7	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
929	G00B_075_025dd	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	66.0	−16.1	8.1	18.1	153.3	0.435	0.655	0.434	72.0	−17.1	10.7	20.2	147.9	6.5	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
930	G00B_062_012dd	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	61.1	−8.0	4.0	9.0	153.3	0.451	0.546	0.434	66.9	−10.3	4.9	11.4	154.1	6.2	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
931	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	57.8	0.1	−1.0	1.0	278.4	1.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
932	B50R_050_012dd	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	50.2	8.8	−1.3	8.9	351.1	0.461	0.331	0.406	51.4	11.3	−7.5	13.5	326.2	6.7	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
933	B50R_050_025dd	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	44.1	17.6	−2.7	17.8	351.1	0.446	0.216	0.373	45.3	22.2	−9.7	24.2	336.4	8.4	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
934	B50R_050_037dd	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	38.1	26.4	−4.0	26.7	351.1	0.423	0.112	0.352	38.9	32.1	−9.7	33.5	343.0	8.1	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
935	B50R_050_050dd	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.0	35.2	−5.4	35.6	351.1	0.392	0.003	0.334	31.9	42.0	−9.0	43.0	347.8	7.7	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
936	G00B_100_062dd	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	70.6	−40.4	20.2	45.2	153.3	0.314	0.874	0.344	70.5	−37.5	22.9	44.0	148.5	3.9	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
937	G00B_087_050dd	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	65.7	−32.3	16.2	36.2	153.3	0.318	0.794	0.34	71.7	−34.8	19.7	40.0	150.4	7.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
938	G00B_075_037dd	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	60.9	−24.2	12.1	27.1	153.3	0.332	0.667	0.33	66.0	−26.1	14.4	29.8	151.0	5.8	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
939	G00B_062_025dd	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	56.0	−16.1	8.1	18.1	153.3	0.34	0.545	0.323	60.5	−19.6	8.7	21.5	155.9	5.6	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
940	G00B_050_012dd	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	51.2	−8.0	4.0	9.0	153.3	0.344	0.431	0.323	54.5	−10.3	4.1	11.1	158.0	4.0	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
941	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	47.0	0.0	−1.1	1.1	274.4	1.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
942	B50R_037_012dd	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	40.2	8.8	−1.3	8.9	351.1	0.336	0.224	0.294	40.3	12.3	−7.3	14.4	329.2	7.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
943	B50R_037_025dd	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	34.2	17.6	−2.7	17.8	351.1	0.321	0.114	0.264	35.5	23.4	−8.7	25.0	339.5	8.5	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
944	B50R_037_037dd	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	28.1	26.4	−4.0	26.7	351.1	0.293	0.0	0.25	30.1	32.8	−8.3	33.8	345.8	7.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
945	G00B_100_075dd	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	65.5	−48.5	24.3	54.3	153.3	0.241	0.874	0.248	64.1	−48.0	26.9	55.1	150.7	3.0	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
946	G00B_087_062dd	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	60.6	−40.4	20.2	45.2	153.3	0.23	0.802	0.242	66.6	−44.3	25.5	51.2	150.0	8.8	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
947	G00B_075_050dd	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	55.8	−32.3	16.2	36.2	153.3	0.236	0.688	0.234	60.1	−33.9	18.3	38.5	151.5	5.0	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
948	G00B_062_037dd	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	50.9	−24.2	12.1	27.1	153.3	0.252	0.561	0.23	54.4	−28.3	13.3	31.3	154.7	5.5	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
949	G00B_050_025dd	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	46.0	−16.1	8.1	18.1	153.3	0.252	0.441	0.228	48.5	−21.0	9.4	23.1	155.7	5.6	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
950	G00B_037_012dd	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	41.2	−8.0	4.0	9.0	153.3	0.253	0.339	0.236	43.9	−11.5	4.3	12.2	159.4	4.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
951	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	34.9	0.0	−0.9	0.9	273.6	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
952	B50R_025_012dd	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	30.2	8.8	−1.3	8.9	351.1	0.23	0.126	0.193	32.1	12.3	−6.1	13.8	333.6	6.2	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
953	B50R_025_025dd	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	24.2	17.6	−2.7	17.8	351.1	0.25	0.0	0.151	28.7	21.1	−7.1	22.3	341.2	7.2	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
954	G00B_100_087dd	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	60.3	−56.6	28.4	63.3	153.3	0.125	0.875	0.125	58.3	−58.5	31.2	66.4	151.9	4.0	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
955	G00B_087_075dd	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	55.5	−48.5	24.3	54.3	153.3	0.117	0.771	0.116	60.7	−54.7	30.8	62.8	150.6	10.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
956	G00B_075_062dd	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	50.6	−40.4	20.2	45.2	153.3	0.13	0.651	0.113	56.0	−42.5	22.9	48.3	151.6	6.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
957	G00B_062_050dd	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	45.8	−32.3	16.2	36.2	153.3	0.141	0.526	0.107	50.8	−36.8	18.7	41.3	153.0	7.2	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
958	G00B_050_037dd	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	40.9	−24.2	12.1	27.1	153.3	0.138	0.395	0.097	44.9	−29.5	13.4	32.4	155.6	6.7	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
959	G00B_037_025dd	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	36.0	−16.1	8.1	18.1	153.3	0.078	0.259	0.055	39.3	−22.8	8.0	24.2	160.5	7.4	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
960	G00B_025_012dd	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	31.2	−8.0	4.0	9.0	153.3	0.109	0.198	0.098	36.5	−11.2	5.2	12.4	154.9	6.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
961	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	22.6	0.0	−0.3	0.3	278.9	3.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
962	B50R_012_012dd	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	20.2	8.8	−1.3	8.9	351.1	0.073	0.0	0.04	25.8	10.7	−3.7	11.3	340.6	6.3	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
963	G00B_100_100dd	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	1.0	0.0	56.2	−63.4	34.4	72.2	151.4	2.5	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
964	G00B_087_087dd	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	50.4	−56.6	28.4	63.3	153.3	0.085	0.668	0.044	53.3	−69.2	32.4	76.4	154.8	13.5	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
965	G00B_075_075dd	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	45.5	−48.5	24.3	54.3	153.3	0.089	0.544	0.039	51.4	−70.2	30.8	76.7	156.3	23.4	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
966	G00B_062_062dd	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	40.6	−40.4	20.2	45.2	153.3	0.125	0.501	0.025	48.0	−66.7	29.2	72.9	156.3	28.7	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
967	G00B_050_050dd	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	35.8	−32.3	16.2	36.2	153.3	0.0	0.375	0.0	43.8	−58.7	24.2	63.5	157.5	28.7	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
968	G00B_037_037dd	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	30.9	−24.2	12.1	27.1	153.3	0.0	0.25	0.0	39.0	−35.8	14.3	38.6	158.2	14.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
969	G00B_025_025dd	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	26.0	−16.1	8.1	18.1	153.3	0.0	0.125	0.0	34.1	−22.4	7.4	23.6	161.5	10.2	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
970	G00B_012_012dd	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	21.2	−8.0	4.0	9.0	153.3	0.0	0.065	0.0	30.2	−8.7	5.5	10.3	147.8	9.1	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
971	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	0.0	−0.1	0.1	283.3	0.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta** **6.8**

1−1033030−F0 RE630−7N, Page 31/33−F

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

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

see similar files: http://130.149.60.45/~farbmetrik/RE63/RE63.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

n	HIC*Fdd	rgb_Fdd			ict_Fdd			$h_{si\_F,dd}$	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	$h_{siM,dd}$	rgb*Mdd			LabCh*Mdd				
972	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	0.0	0.0	0.0	111.1	1.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
973	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	20.7	0.0	−0.5	0.5	261.0	5.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
974	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	35.4	0.0	−1.2	1.2	268.4	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
975	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	46.8	0.0	−0.9	0.9	271.7	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
976	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	58.7	0.1	−1.1	1.1	276.3	2.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
977	NW_062dd	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	0.576	0.565	0.557	69.9	0.0	−0.9	0.9	275.2	3.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
978	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	79.7	0.1	−0.4	0.5	292.0	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
979	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	89.9	0.1	−0.1	0.1	325.5	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
980	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.3	0.3	283.1	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
981	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.4	0.0	0.0	0.0	218.8	2.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
982	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	19.6	0.0	−0.6	0.6	266.0	6.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
983	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	34.5	0.0	−1.2	1.2	270.3	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
984	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	46.1	0.1	−1.1	1.1	276.0	1.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
985	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	57.9	0.1	−1.1	1.1	279.2	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
986	NW_062dd	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	0.576	0.565	0.557	69.4	0.2	−1.0	1.0	282.1	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
987	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	79.4	0.2	−0.5	0.6	293.1	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
988	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	89.9	0.2	−0.2	0.3	310.2	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
989	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.1	−0.4	0.4	285.7	0.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
990	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.1	119.9	3.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
991	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	19.3	0.0	−0.6	0.6	268.2	7.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
992	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	33.7	0.0	−0.9	0.9	270.0	2.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
993	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	46.3	0.1	−1.0	1.0	278.2	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
994	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	57.6	0.1	−0.8	0.9	280.8	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
995	NW_062dd	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	0.576	0.565	0.557	69.4	0.2	−0.9	0.9	283.6	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
996	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	79.7	0.2	−0.3	0.4	302.7	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
997	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	90.1	0.2	−0.3	0.3	309.8	3.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
998	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.2	0.2	273.8	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
999	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9	0.0	0.1	0.1	116.8	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1000	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	19.0	0.0	−0.4	0.4	257.1	7.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1001	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	33.9	0.0	−0.9	0.9	267.5	2.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1002	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	46.2	0.0	−0.8	0.8	273.3	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1003	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	56.9	0.1	−0.7	0.7	282.7	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1004	NW_062dd	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	0.576	0.565	0.557	68.6	0.1	−0.6	0.6	283.9	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1005	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	79.1	0.2	−0.2	0.3	310.0	2.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1006	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	90.0	0.1	0.0	0.1	9.4	3.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1007	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.1	0.1	272.3	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1008	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9	0.0	0.0	0.0	144.8	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1009	NW_006dd	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.6	0.0	0.0	0.0	0.0	0.024	0.027	0.023	16.5	0.0	−0.1	0.1	268.5	5.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1010	NW_013dd	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	27.0	0.0	0.0	0.0	0.0	0.156	0.15	0.147	23.4	0.0	−0.8	0.8	269.7	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1011	NW_020dd	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	32.3	0.0	0.0	0.0	0.0	0.198	0.19	0.184	31.2	0.0	−1.0	1.0	268.3	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1012	NW_026dd	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.6	0.0	0.0	0.0	0.0	0.271	0.265	0.257	39.3	0.0	−1.2	1.2	271.6	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1013	NW_033dd	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.9	0.0	0.0	0.0	0.0	0.313	0.302	0.293	44.2	0.0	−1.0	1.0	274.0	1.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1014	NW_040dd	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.3	0.0	0.0	0.0	0.0	0.363	0.355	0.347	50.5	0.1	−1.1	1.1	275.6	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1015	NW_046dd	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.6	0.0	0.0	0.0	0.0	0.43	0.418	0.407	55.4	0.1	−0.9	0.9	277.8	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1016	NW_053dd	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.9	0.0	0.0	0.0	0.0	0.495	0.489	0.48	61.5	0.1	−0.9	0.9	279.0	2.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1017	NW_060dd	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	0.554	0.543	0.537	67.7	0.1	−0.7	0.8	280.8	3.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1018	NW_066dd	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.6	0.0	0.0	0.0	0.0	0.623	0.619	0.612	72.8	0.1	−0.6	0.7	284.3	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1019	NW_073dd	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.0	0.0	0.0	0.0	0.0	0.699	0.696	0.697	78.2	0.1	−0.3	0.4	296.9	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1020	NW_080dd	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.3	0.0	0.0	0.0	0.0	0.777	0.772	0.784	82.6	0.2	−0.1	0.2	327.3	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1021	NW_086dd	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.834	0.829	0.838	88.0	0.1	0.0	0.1	340.9	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1022	NW_093dd	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.909	0.909	0.932	93.0	0.0	0.0	0.1	321.2	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1023	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−0.1	0.1	253.3	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1024	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	0.0	0.0	0.0	67.5	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1025	NW_006dd	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.6	0.0	0.0	0.0	0.0	0.024	0.027	0.023	16.7	0.0	−0.1	0.1	298.2	4.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1026	NW_013dd	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	27.0	0.0	0.0	0.0	0.0	0.156	0.15	0.147	23.3	0.0	−0.7	0.7	270.9	3.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1027	NW_020dd	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	32.3	0.0	0.0	0.0	0.0	0.198	0.19	0.184	30.6	0.0	−1.1	1.1	270.3	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1028	NW_026dd	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.6	0.0	0.0	0.0	0.0	0.271	0.265	0.257	38.8	0.0	−1.2	1.2	272.4	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1029	NW_033dd	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.9	0.0	0.0	0.0	0.0	0.313	0.302	0.293	43.7	0.1	−1.0	1.0	277.8	1.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1030	NW_040dd	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.3	0.0	0.0	0.0	0.0	0.363	0.355	0.347	50.1	0.1	−0.9	0.9	279.4	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1031	NW_046dd	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.6	0.0	0.0	0.0	0.0	0.43	0.418	0.407	54.8	0.1	−0.9	0.9	281.9	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1032	NW_053dd	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.9	0.0	0.0	0.0	0.0	0.495	0.489	0.48	61.4	0.2	−0.9	0.9	283.0	2.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1033	NW_060dd	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	0.554	0.543	0.537	67.1	0.2	−0.9	0.9	284.9	2.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1034	NW_066dd	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.6	0.0	0.0	0.0	0.0	0.623	0.619	0.612	72.2	0.2	−0.6	0.6	289.8	2.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1035	NW_073dd	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.0	0.0	0.0	0.0	0.0	0.699	0.696	0.697	77.6	0.2	−0.4	0.5	298.2	2.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1036	NW_080dd	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.3	0.0	0.0	0.0	0.0	0.777	0.772	0.784	82.6	0.2	−0.1	0.3	324.4	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1037	NW_086dd	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.834	0.829	0.838	88.0	0.2	−0.2	0.3	320.4	2.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1038	NW_093dd	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.909	0.909	0.932	93.0	0.1	−0.2	0.3	305.1	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1039	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.3	0.3	278.8	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1040	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.1	0.1	61.0	4.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1041	NW_006dd	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.6	0.0	0.0	0.0	0.0	0.024	0.027	0.023	15.9	0.1	−0.1	0.1	317.6	5.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1042	NW_013dd	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	27.0	0.0	0.0	0.0	0.0	0.156	0.15	0.147	22.8	0.0	−0.7	0.7	273.7	4.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1043	NW_020dd	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	32.3	0.0	0.0	0.0	0.0	0.198	0.19	0.184	30.1	0.0	−0.8	0.8	273.5	2.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1044	NW_026dd	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.6	0.0	0.0	0.0	0.0	0.271	0.265	0.257	38.5	0.1	−1.0	1.0	276.4	1.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1045	NW_033dd	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.9	0.0	0.0	0.0	0.0	0.313	0.302	0.293	43.0	0.1	−0.9	0.9	276.8	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1046	NW_040dd	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.3	0.0	0.0	0.0	0.0	0.363	0.355	0.347	49.8	0.2	−0.9	0.9	284.1	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1047	NW_046dd	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.6	0.0	0.0	0.0	0.0	0.43	0.418	0.407	54.5	0.1	−0.7	0.7	283.9	1.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1048	NW_053dd	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.9	0.0	0.0	0.0	0.0	0.495	0.489	0.48	60.7	0.2	−0.9	0.9	285.1	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1049	NW_060dd	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	0.554	0.543	0.537	66.5	0.1	−0.6	0.6	286.3	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1050	NW_066dd	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.6	0.0	0.0	0.0	0.0	0.623	0.619	0.612	71.9	0.2	−0.6	0.7	290.9	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1051	NW_073dd	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.0	0.0	0.0	0.0	0.0	0.699	0.696	0.697	77.4	0.2	−0.2	0.3	307.9	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1052	NW_080dd	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.3	0.0	0.0	0.0	0.0	0.777	0.772	0.784	82.1	0.3	−0.2	0.4	322.8	1.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta **2.6**

1-1033130-F0

RE630−7N, Page 32/33−F

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'*$

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

TUB registration: 20150701-RE63/RE63L0FP.PDF /.PS
application for measurement of laser printer output, separation cmyn6* (CMYK)

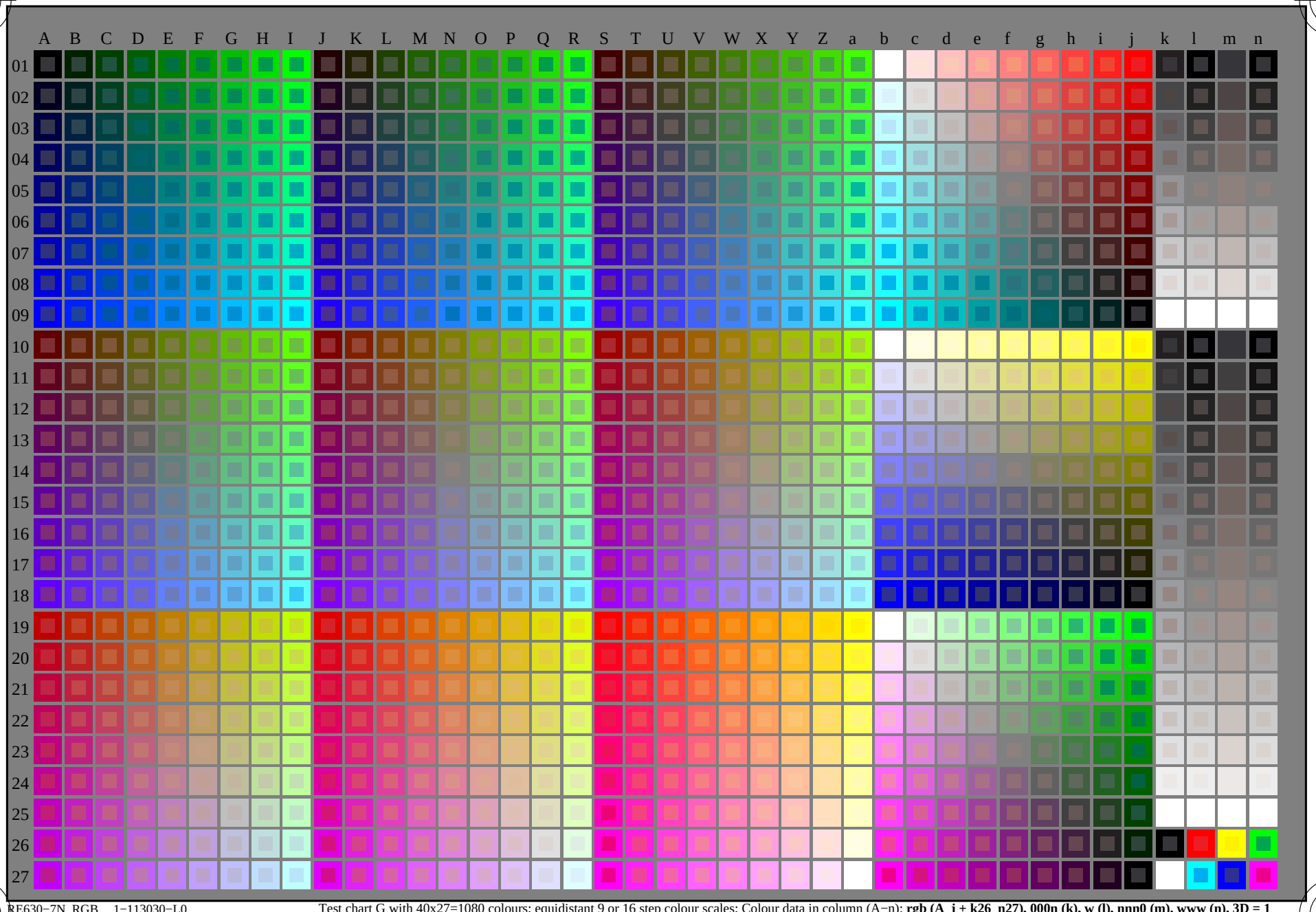
TUB material: code=rha4ta

1-1033130-F0

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'*$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
1053	NW_086$_{dd}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.834	0.829	0.838	87.5	0.1	0.0	0.1	14.3	1.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1054	NW_093$_{dd}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.909	0.909	0.932	92.9	0.2	−0.3	0.3	304.0	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1055	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−0.1	0.1	245.9	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1056	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	0.0	0.2	0.2	82.0	4.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1057	NW_006$_{dd}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.6	0.0	0.0	0.0	0.0	0.024	0.027	0.023	14.8	0.0	0.1	0.1	78.2	6.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1058	NW_013$_{dd}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	27.0	0.0	0.0	0.0	0.0	0.156	0.15	0.147	21.9	0.0	−0.4	0.4	270.8	5.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1059	NW_020$_{dd}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	32.3	0.0	0.0	0.0	0.0	0.198	0.19	0.184	29.5	0.0	−0.8	0.8	274.4	2.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1060	NW_026$_{dd}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.6	0.0	0.0	0.0	0.0	0.271	0.265	0.257	38.1	0.0	−0.8	0.8	274.0	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1061	NW_033$_{dd}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.9	0.0	0.0	0.0	0.0	0.313	0.302	0.293	42.6	0.1	−0.8	0.8	278.2	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1062	NW_040$_{dd}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.3	0.0	0.0	0.0	0.0	0.363	0.355	0.347	49.3	0.1	−0.7	0.7	278.3	1.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1063	NW_046$_{dd}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.6	0.0	0.0	0.0	0.0	0.43	0.418	0.407	54.1	0.1	−0.6	0.7	286.3	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1064	NW_053$_{dd}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.9	0.0	0.0	0.0	0.0	0.495	0.489	0.48	61.0	0.1	−0.6	0.6	282.7	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1065	NW_060$_{dd}$	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	0.554	0.543	0.537	66.4	0.1	−0.6	0.6	286.2	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1066	NW_066$_{dd}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.6	0.0	0.0	0.0	0.0	0.623	0.619	0.612	71.9	0.1	−0.4	0.4	288.3	2.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1067	NW_073$_{dd}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.0	0.0	0.0	0.0	0.0	0.699	0.696	0.697	77.2	0.2	−0.2	0.3	314.2	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1068	NW_080$_{dd}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.3	0.0	0.0	0.0	0.0	0.777	0.772	0.784	81.8	0.2	0.0	0.2	15.2	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1069	NW_086$_{dd}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.834	0.829	0.838	87.6	0.1	0.0	0.1	2.0	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1070	NW_093$_{dd}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.909	0.909	0.932	92.7	0.0	0.1	0.1	70.4	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1071	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	0.0	0.1	282.1	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1072	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	0.0	0.0	0.0	39.8	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1073	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	109.2	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1074	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	46.1	58.9	40.3	71.4	34.3	1.2	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
1075	G50B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	0.0	0.999	0.999	53.0	−32.8	−40.1	51.8	230.6	0.3	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
1076	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	1.0	1.0	0.0	91.2	−14.6	87.8	89.0	99.4	3.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
1077	B00R_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	0.0	0.0	1.0	31.6	22.5	−44.6	50.0	296.8	2.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
1078	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	1.0	0.0	54.7	−66.4	34.5	74.8	152.5	2.6	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
1079	B50R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	1.0	0.0	1.0	46.8	71.8	−11.8	72.7	350.5	1.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
																	Mean color difference of this page:						**delta**		**2.1**							

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, Δ*E'**

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



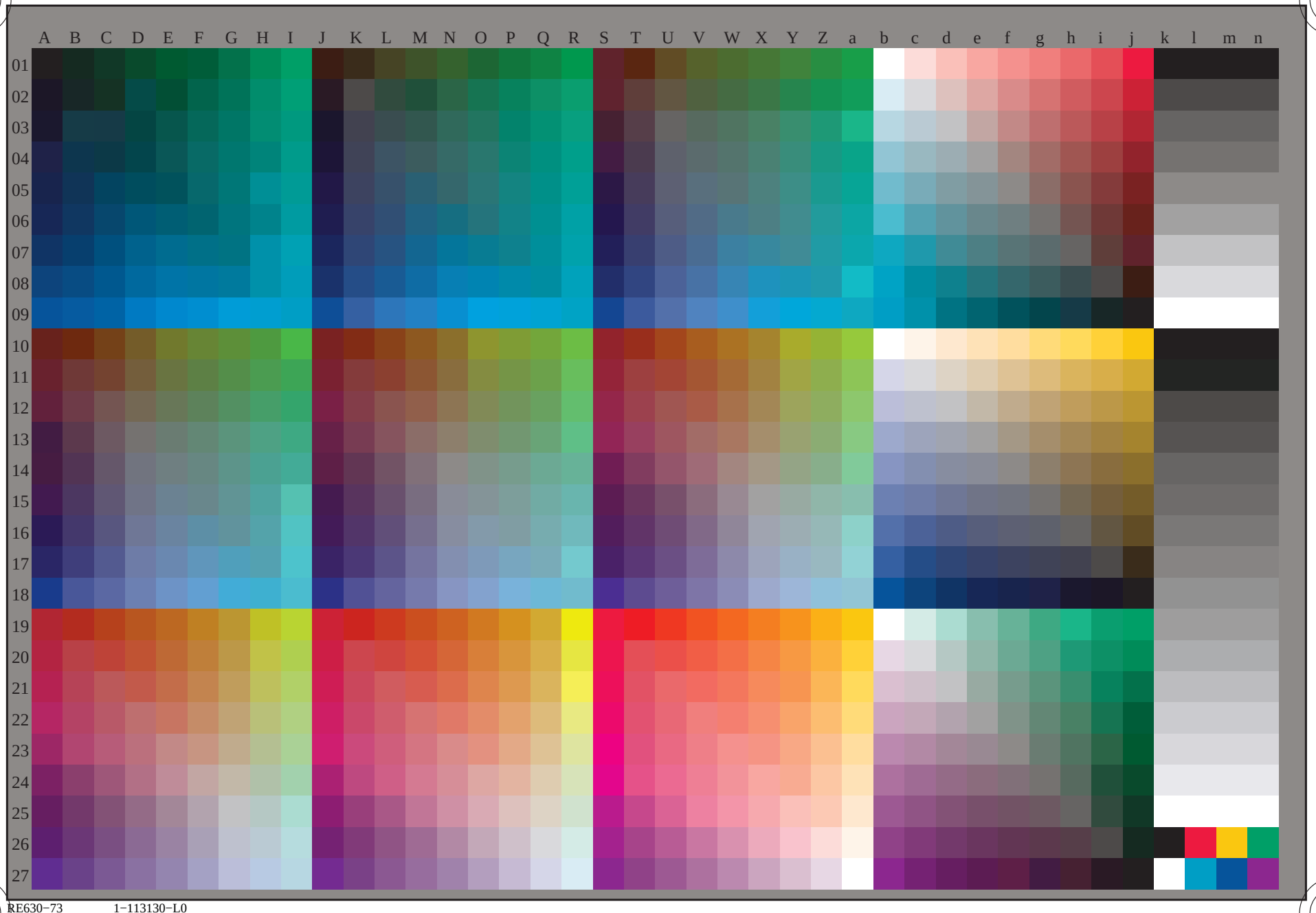
RE630−7N_RGB 1−113030−L0

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

TUB-test chart RE63; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

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

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 2/33



see similar files: http://130.149.60.45/~farbmetrik/RE63/RE63.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE63/RE63L0FP.PDF /.PS
application for measurement of laser printer output, separation cmyn6* (CMYK)

TUB material: code=rha4ta

RE630-73 1-113130-L0

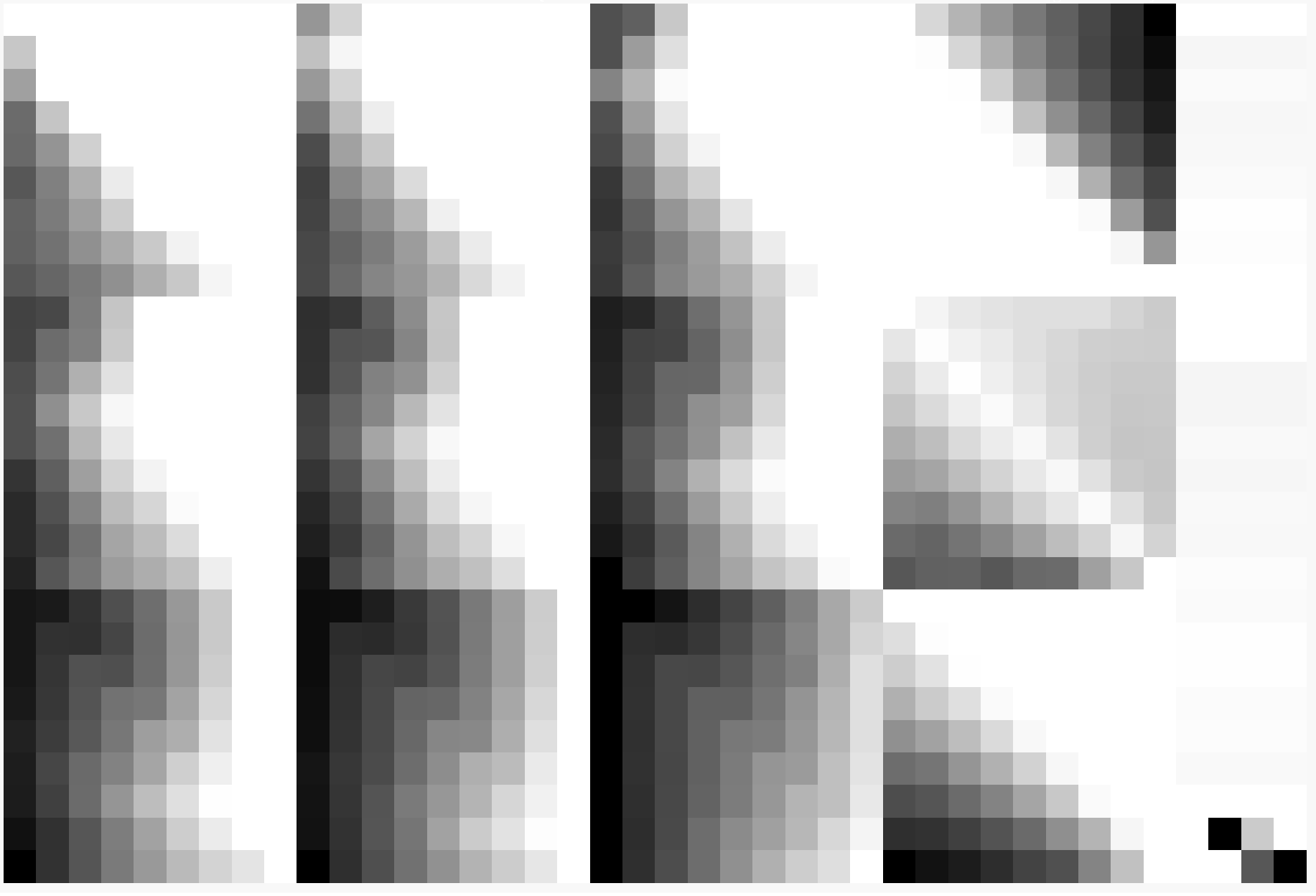
TUB-test chart RE63; 1080 standard colours, *cf*=1
Test chart according to DIN 33872, 3D=1, de=1, *cmyk**

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

1-113130-F0

TUB-test chart RE63; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

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



RE630−73 1−113330−L0

TUB-test chart RE63; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to $cmyk^*_{de}$

TUB registration: 20150701-RE63/RE63L0FP.PDF /.PS
application for measurement of laser printer output, separation cmyn6* (CMYK)

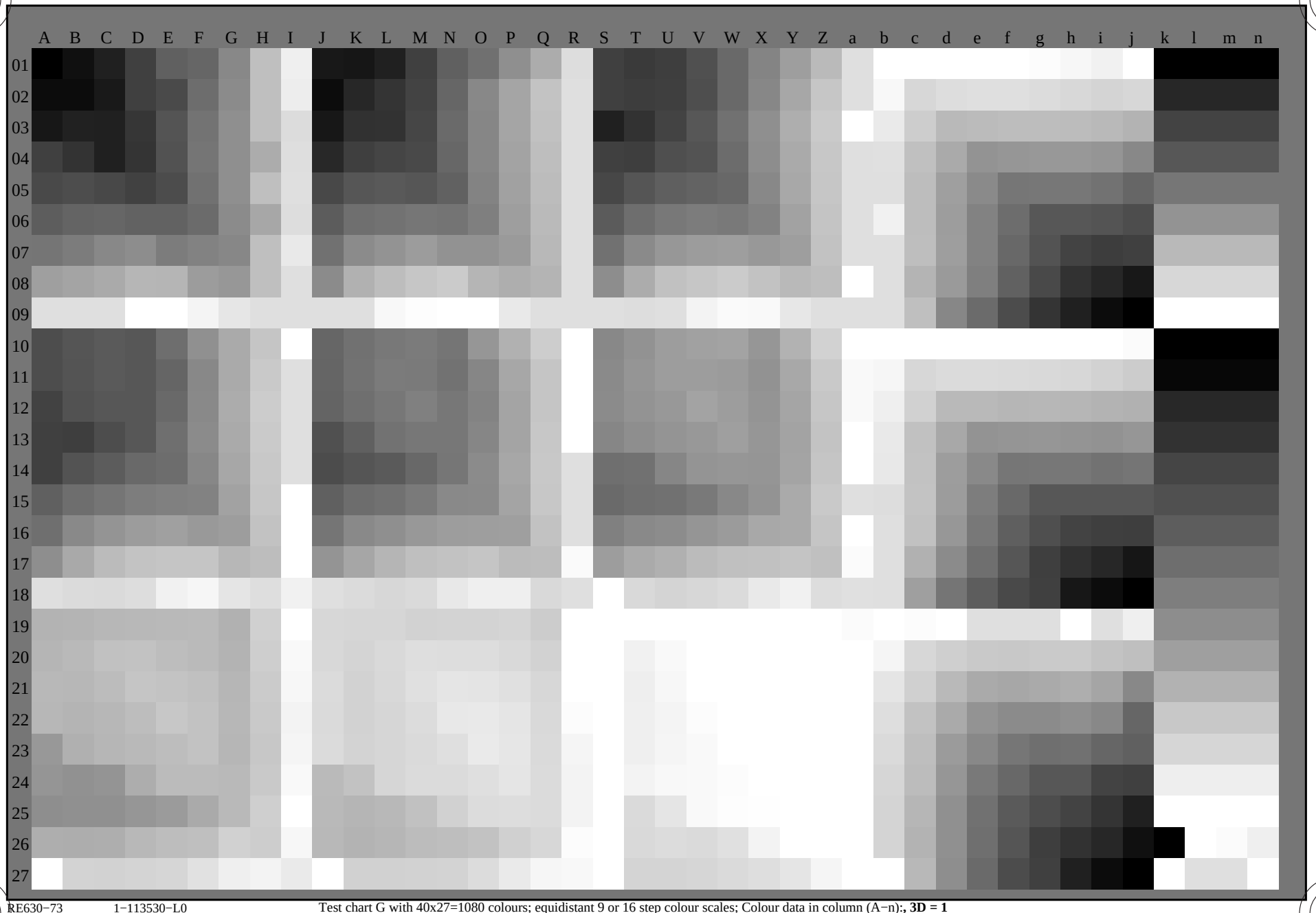
TUB material: code=rha4ta

RE630−73 1−113430−L0

TUB-test chart RE63; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

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

1−113430−F0



RE630−73 1−113530−L0

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

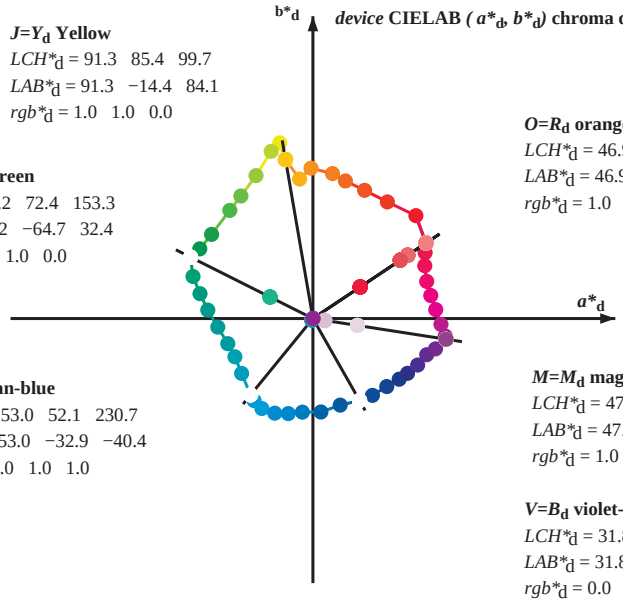
TUB-test chart RE63; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

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

1−113530−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*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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 = 91.3 85.4 99.7
LAB^*_d = 91.3 −14.4 84.1
rgb^*_d = 1.0 1.0 0.0

O=R_d orange-red
LCH^*_d = 46.9 71.9 33.7
LAB^*_d = 46.9 59.8 39.9
rgb^*_d = 1.0 0.0 0.0

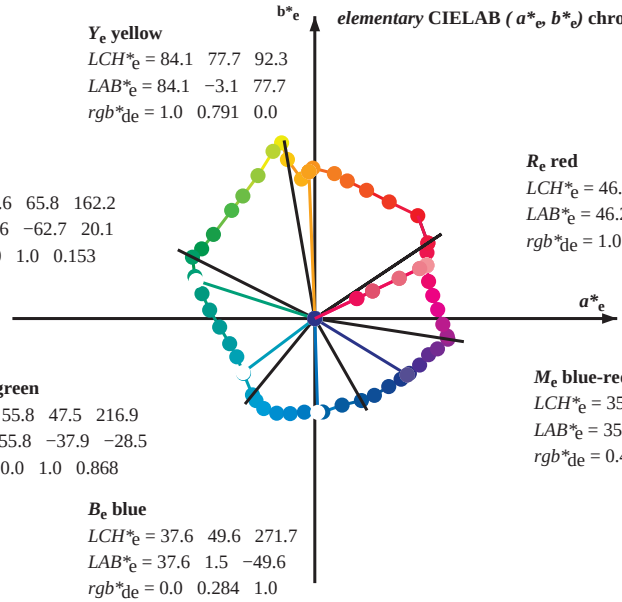
L=G_d leaf-green
LCH^*_d = 55.2 72.4 153.3
LAB^*_d = 55.2 −64.7 32.4
rgb^*_d = 0.0 1.0 0.0

C=C_d cyan-blue
LCH^*_d = 53.0 52.1 230.7
LAB^*_d = 53.0 −32.9 −40.4
rgb^*_d = 0.0 1.0 1.0

M=M_d magenta-red
LCH^*_d = 47.7 71.2 351.1
LAB^*_d = 47.7 70.4 −10.9
rgb^*_d = 1.0 0.0 1.0

V=B_d violet-blue
LCH^*_d = 31.8 49.9 299.6
LAB^*_d = 31.8 24.6 −43.3
rgb^*_d = 0.0 0.0 1.0

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



Y_e yellow
LCH^*_e = 84.1 77.7 92.3
LAB^*_e = 84.1 −3.1 77.7
rgb^*_{de} = 1.0 0.791 0.0

R_e red
LCH^*_e = 46.2 65.6 25.4
LAB^*_e = 46.2 59.2 28.2
rgb^*_{de} = 1.0 0.0 0.244

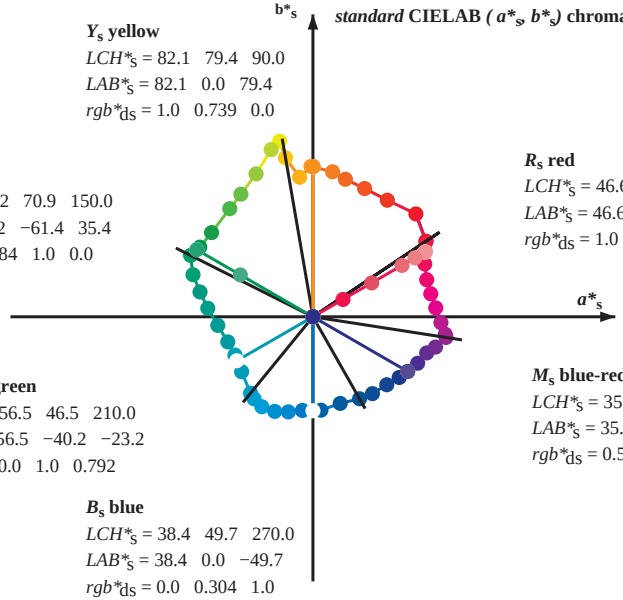
G_e green
LCH^*_e = 54.6 65.8 162.2
LAB^*_e = 54.6 −62.7 20.1
rgb^*_{de} = 0.0 1.0 0.153

C_e blue-green
LCH^*_e = 55.8 47.5 216.9
LAB^*_e = 55.8 −37.9 −28.5
rgb^*_{de} = 0.0 1.0 0.868

M_e blue-red
LCH^*_e = 35.3 57.2 328.6
LAB^*_e = 35.3 48.9 −29.8
rgb^*_{de} = 0.467 0.0 1.0

B_e blue
LCH^*_e = 37.6 49.6 271.7
LAB^*_e = 37.6 1.5 −49.6
rgb^*_{de} = 0.0 0.284 1.0

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



Y_s yellow
LCH^*_s = 82.1 79.4 90.0
LAB^*_s = 82.1 0.0 79.4
rgb^*_{ds} = 1.0 0.739 0.0

R_s red
LCH^*_s = 46.6 68.5 30.0
LAB^*_s = 46.6 59.3 34.2
rgb^*_{ds} = 1.0 0.0 0.135

G_s green
LCH^*_s = 57.2 70.9 150.0
LAB^*_s = 57.2 −61.4 35.4
rgb^*_{ds} = 0.084 1.0 0.0

C_s blue-green
LCH^*_s = 56.5 46.5 210.0
LAB^*_s = 56.5 −40.2 −23.2
rgb^*_{ds} = 0.0 1.0 0.792

M_s blue-red
LCH^*_s = 35.9 57.8 330.0
LAB^*_s = 35.9 50.1 −28.9
rgb^*_{ds} = 0.501 0.0 1.0

B_s blue
LCH^*_s = 38.4 49.7 270.0
LAB^*_s = 38.4 0.0 −49.7
rgb^*_{ds} = 0.0 0.304 1.0

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

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

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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**$_{de}$
33.7	30.0	25.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	47.0	59.8	39.9	71.9	33	1.0	0.0	0.136	46.6	59.4	34.3	68.6	30	1.0	0.0	0.245	46.3	59.2	28.2	65.6	25			
44.9	37.5	33.8	1.0	0.125	0.0	52.8	54.4	54.4	77.0	44.9	1.0	0.117	0.0	52.5	55.0	53.5	76.7	44	1.0	0.036	0.0	48.7	58.6	44.2	73.4	37	1.0	0.0	0.017	46.9	59.8	39.2	71.5	33			
57.4	45.0	42.1	1.0	0.25	0.0	60.3	39.3	61.7	73.2	57.4	1.0	0.25	0.0	60.4	39.4	61.7	73.2	57	1.0	0.125	0.0	52.9	54.5	54.5	77.0	45	1.0	0.094	0.0	51.4	56.1	50.9	75.8	42			
68.0	52.5	50.5	1.0	0.375	0.0	66.7	27.3	67.8	73.1	68.0	1.0	0.367	0.0	66.3	28.2	67.5	73.2	67	1.0	0.195	0.0	57.1	46.1	59.0	74.9	52	1.0	0.175	0.0	55.9	48.5	57.8	75.5	49			
76.7	60.0	58.8	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7	1.0	0.5	0.0	72.2	17.2	72.8	74.8	76	1.0	0.28	0.0	61.9	36.6	63.4	73.2	60	1.0	0.267	0.0	61.2	37.8	62.7	73.2	58			
82.3	67.5	67.2	1.0	0.625	0.0	76.0	10.3	76.7	77.4	82.3	1.0	0.617	0.0	75.8	10.8	76.5	77.2	81	1.0	0.363	0.0	66.1	28.6	67.4	73.2	67	1.0	0.359	0.0	65.9	29.0	67.2	73.2	66			
90.7	75.0	75.6	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	90.7	1.0	0.75	0.0	82.8	−0.9	79.6	79.6	−269	1.0	0.475	0.0	71.1	19.3	71.9	74.5	75	1.0	0.484	0.0	71.5	18.5	72.2	74.6	75			
95.4	82.5	83.9	1.0	0.875	0.0	86.9	−7.0	73.8	74.1	95.4	1.0	0.867	0.0	86.7	−6.6	74.2	74.5	95	1.0	0.618	0.0	75.8	10.8	76.5	77.3	82	1.0	0.641	0.0	76.9	8.9	77.2	77.7	83			
99.7	90.0	92.3	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	1.0	1.0	0.0	91.3	−14.4	84.2	85.4	99	1.0	0.739	0.0	82.2	0.0	79.4	79.4	90	1.0	0.792	0.0	84.2	−3.0	77.7	77.8	92			
100.7	97.5	101.0	0.875	1.0	0.0	92.9	−17.5	92.9	94.5	100.7	0.883	1.0	0.0	92.9	−17.3	92.4	94.0	100	1.0	0.92	0.0	88.5	−9.4	77.6	78.2	97	0.907	1.0	0.0	92.6	−16.7	90.7	92.2	100			
104.0	105.0	109.7	0.75	1.0	0.0	89.2	−22.0	88.4	91.1	104.0	0.75	1.0	0.0	89.3	−22.0	88.5	91.2	104	0.734	1.0	0.0	88.3	−23.2	86.9	89.9	105	0.656	1.0	0.0	83.3	−28.3	78.9	83.8	109			
111.6	112.5	118.5	0.625	1.0	0.0	81.2	−30.0	75.6	81.4	111.6	0.633	1.0	0.0	81.8	−29.5	76.5	82.1	111	0.62	1.0	0.0	81.0	−30.3	75.3	81.2	112	0.535	1.0	0.0	76.1	−36.0	68.0	77.0	117			
120.4	120.0	127.2	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4	0.5	1.0	0.0	74.0	−38.0	64.9	75.2	120	0.506	1.0	0.0	74.3	−37.7	65.4	75.5	120	0.38	1.0	0.0	69.6	−43.7	57.5	72.3	127			
127.5	127.5	136.0	0.375	1.0	0.0	69.3	−44.0	57.2	72.1	127.5	0.383	1.0	0.0	69.7	−43.5	57.7	72.4	127	0.385	1.0	0.0	69.7	−43.5	57.8	72.4	127	0.298	1.0	0.0	64.9	−50.2	49.6	70.7	135			
140.2	135.0	144.7	0.25	1.0	0.0	62.2	−53.6	44.5	69.7	140.2	0.25	1.0	0.0	62.2	−53.5	44.6	69.7	140	0.302	1.0	0.0	65.2	−49.9	50.0	70.7	135	0.181	1.0	0.0	60.0	−57.1	40.4	70.0	144			
148.3	142.5	153.4	0.125	1.0	0.0	58.1	−59.8	36.8	70.3	148.3	0.133	1.0	0.0	58.4	−59.4	37.4	70.3	147	0.223	1.0	0.0	61.4	−54.9	43.0	69.8	142	0.011	1.0	0.0	55.5	−64.2	32.9	72.2	152			
153.3	150.0	162.2	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	1.0	0.0	55.3	−64.6	32.5	72.4	153	0.084	1.0	0.0	57.2	−61.4	35.5	71.0	150	0.0	1.0	0.153	54.7	−62.6	20.1	65.9	162			
160.6	157.5	169.0	0.0	1.0	0.125	54.5	−63.4	22.2	67.2	160.6	0.0	1.0	0.117	54.6	−63.5	22.9	67.6	160	0.0	1.0	0.062	54.9	−64.2	27.3	69.9	157	0.0	1.0	0.267	55.1	−59.2	11.9	60.4	168			
167.5	165.0	175.9	0.0	1.0	0.25	54.9	−59.7	13.1	61.1	167.5	0.0	1.0	0.25	55.0	−59.6	13.1	61.1	167	0.0	1.0	0.203	54.8	−61.2	16.4	63.4	165	0.0	1.0	0.382	55.6	−55.3	4.0	55.5	175			
175.3	172.5	182.7	0.0	1.0	0.375	55.5	−55.6	4.5	55.8	175.3	0.0	1.0	0.367	55.5	−55.8	5.0	56.2	174	0.0	1.0	0.321	55.3	−57.5	8.1	58.1	172	0.0	1.0	0.463	56.3	−51.9	−2.0	52.1	182			
185.1	180.0	189.6	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1	0.0	1.0	0.5	56.6	−50.2	−4.4	50.5	185	0.0	1.0	0.434	56.0	−53.2	0.0	53.3	180	0.0	1.0	0.549	56.8	−48.3	−8.1	49.1	189			
196.4	187.5	196.4	0.0	1.0	0.625	57.0	−45.0	−13.2	46.9	196.4	0.0	1.0	0.617	57.1	−45.3	−12.7	47.2	195	0.0	1.0	0.52	56.7	−49.5	−6.0	50.0	187	0.0	1.0	0.62	57.1	−45.2	−12.9	47.1	195			
206.0	195.0	203.2	0.0	1.0	0.75	56.9	−41.2	−20.2	45.9	206.0	0.0	1.0	0.75	56.9	−41.2	−20.1	46.0	206	0.0	1.0	0.609	57.0	−45.7	−12.2	47.4	195	0.0	1.0	0.714	57.0	−42.4	−18.2	46.3	203			
217.5	202.5	210.1	0.0	1.0	0.875	55.8	−37.7	−29.0	47.6	217.5	0.0	1.0	0.867	55.9	−37.9	−28.4	47.5	216	0.0	1.0	0.697	57.0	−42.9	−17.3	46.4	202	0.0	1.0	0.789	56.6	−40.3	−22.9	46.5	209			
230.7	210.0	216.9	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	0.0	1.0	1.0	53.0	−32.9	−40.3	52.2	230	0.0	1.0	0.792	56.6	−40.2	−23.2	46.5	210	0.0	1.0	0.868	55.9	−37.9	−28.5	47.5	216			
234.3	217.5	223.8	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3	0.0	0.883	1.0	52.6	−31.2	−43.1	53.3	234	0.0	1.0	0.869	55.9	−37.9	−28.5	47.5	217	0.0	1.0	0.93	54.6	−36.0	−34.0	49.6	223			
240.4	225.0	230.6	0.0	0.75	1.0	52.6	−27.0	−47.6	54.7	240.4	0.0	0.75	1.0	52.7	−26.9	−47.5	54.7	240	0.0	1.0	0.945	54.3	−35.4	−35.4	50.2	225	0.0	1.0	0.999	53.1	−32.9	−40.2	52.1	230			
248.0	232.5	237.5	0.0	0.625	1.0	50.0	−20.1	−50.0	53.9	248.0	0.0	0.633	1.0	50.2	−20.5	−49.8	54.0	247	0.0	0.957	1.0	52.9	−32.3	−41.3	52.6	232	0.0	0.819	1.0	52.6	−29.3	−45.2	54.0	237			
255.4	240.0	244.3	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4	0.0	0.5	1.0	45.7	−12.9	−50.2	52.0	255	0.0	0.759	1.0	52.7	−27.2	−47.2	54.7	240	0.0	0.686	1.0	51.3	−23.4	−48.9	54.4	244			
263.5	247.5	251.2	0.0	0.375	1.0	41.6	−5.5	−49.5	49.8	263.5	0.0	0.383	1.0	42.0	−6.0	−49.5	50.0	263	0.0	0.642	1.0	50.4	−21.0	−49.7	54.1	247	0.0	0.58	1.0	48.4	−17.5	−50.2	53.3	250			
274.9	255.0	258.0	0.0	0.25	1.0	36.0	4.2	−49.4	49.6	274.9	0.0	0.25	1.0	36.0	4.2	−49.3	49.6	274	0.0	0.508	1.0	46.0	−13.4	−50.2	52.1	255	0.0	0.46	1.0	44.4	−10.5	−50.1	51.3	258			
287.4	262.5	264.8	0.0	0.125	1.0	34.6	14.4	−45.8	48.0	287.4	0.0	0.133	1.0	34.7	13.8	−46.0	48.1	286	0.0	0.399	1.0	42.5	−6.9	−49.7	50.3	262	0.0	0.366	1.0	41.3	−4.7	−49.5	49.8	264			
299.6	270.0	271.7	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	0.0	0.0	1.0	31.8	24.7	−43.3	49.9	299	0.0	0.304	1.0	38.5	0.0	−49.6	49.7	270	0.0	0.285	1.0	37.6	1.5	−49.6	49.7	271			
307.7	277.5	278.8	0.125	0.0	1.0	31.2	31.5	−40.6	51.4	307.7	0.117	0.0	1.0	31.3	31.1	−40.8	51.3	307	0.0	0.229	1.0	35.8	6.0	−48.9	49.4	277	0.0	0.216	1.0	35.6	7.2	−48.6	49.2	278			
317.3	285.0	285.9	0.25	0.0	1.0	31.2	39.0	−35.9	53.1	317.3	0.25	0.0	1.0	31.3	39.1	−35.9	53.1	317	0.0	0.15	1.0	34.9	12.5	−46.6	48.4	285	0.0	0.14	1.0	34.8	13.3	−46.3	48.2	285			
324.8	292.5	293.0	0.375	0.0	1.0	33.4	45.6	−32.1	55.7	324.8	0.367	0.0	1.0	33.3	45.2	−32.3	55.6	324	0.0	0.078	1.0	33.6	18.3	−45.1	48.7	292	0.0	0.072	1.0	33.4	18.8	−45.0	48.8	292			
329.9	300.0	300.1	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9	0.5	0.0	1.0	36.0	50.0	−28.9	57.8	329	0.006	0.0	1.0	31.8	25.0	−43.2	50.0	300	0.009	0.0	1.0	31.8	25.1	−43.1	50.0	300			
336.0	307.5	307.2	0.625	0.0	1.0	38.7	55.4	−24.5	60.6	336.0	0.617	0.0	1.0	38.6	55.1	−24.8	60.5	335	0.113	0.0	1.0	31.3	30.9	−40.9	51.3	307	0.11	0.0	1.0	31.3	30.7	−40.9	51.3	306			
342.3	315.0	314.3	0.75	0.0	1.0	41.7	60.2	−19.1	63.1	342.3	0.75	0.0	1.0	41.8	60.2	−19.0	63.2	342	0.219	0.0	1.0	31.3	37.3	−37.2	52.7	315	0.211	0.0	1.0	31.3	36.8	−37.5	52.6	314			
346.1	322.5	321.4	0.875	0.0	1.0	44.4	64.8	−16.0	66.8	346.1	0.867	0.0	1.0	44.3	64.6	−16.2	66.6	345	0.327	0.0	1.0	32.6	43.2	−33.6	54.8	322	0.311	0.0	1.0	32.3	42.3	−34.1	54.4	321			
351.1	330.0	328.6	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	1.0	0.0	1.0	47.7	70.4	−10.8	71.2	351	0.502	0.0	1.0	36.0	50.1	−28.8	57.9	330	0.468	0.0	1.0	35.3	48.9	−29.7	57.3	328			
352.4	337.5	335.7	1.0	0.0	0.875	47.1	70.0	−9.2	70.6	352.4	1.0	0.0	0.883	47.2	70.0	−9.3	70.7	352	0.643	0.0	1.0	39.2	56.2	−23.7	61.0	337	0.608	0.0	1.0	38.4	54.7	−25.1	60.3	335			
357.3	345.0	342.8	1.0	0.0	0.75	46.2	67.7	−3.0	67.7	357.3	1.0	0.0	0.75	46.2	67.7	−3.0	67.8	357	0.838	0.0	1.0	43.7	63.5	−16.9	65.7	345	0.765	0.0	1.0	42.1	60.8	−18.7	63.6	342			
364.1	352.5	349.9	1.0	0.0	0.625	46.2	65.0	4.7	65.1	364.1	1.0	0.0	0.633	46.3	65.2	4.2	65.3	363	1.0	0.0	0.92	47.4	70.2	−9.8	70.9	352	0.958	0.0	1.0	46.6	68.6	−12.7	69.7	349			
371.0	360.0	357.0	1.0	0.0	0.5	45.8	62.3	12.1	63.5	371.0	1.0	0.0	0.5	45.9	62.4	12.2	63.5	371	1.0	0.0	0.702	46.2	66.8	0.0	66.8	360	1.0	0.0	0.914	47.4	70.1	−9.7	70.8	352			
378.0	367.5	364.1	1.0	0.0	0.375	45.9	60.1	19.6	63.3	378.0	1.0	0.0	0.383	46.0	60.4	19.1	63.3	377	1.0	0.0	0.573	46.1	64.0	7.9	64.5	367	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359			
385.2	375.0	371.2	1.0	0.0	0.25	46.2	59.2	27.9	65.4	385.2	1.0	0.0	0.25	46.3	59.2	27.9	65.5	385	1.0	0.0	0.429	45.9	61.3	16.4	63.4	375	1.0	0.0	0.541	46.0	63.3	9.8	64.1	368			
390.4	382.5	378.3	1.0	0.0	0.125	46.6	59.3	34.8	68.8	390.4	1.0	0.0	0.133	46.6	59.4	34.4	68.6	390	1.0	0.0	0.307	46.1	59.8	24.2	64.5	382	1.0	0.0	0.402	45.9	60.7	18.1	63.4	376			
393.7	390.0	385.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	393.7	1.0	0.0	0.0	47.0	59.8	39.9	71.9	393	1.0	0.0	0.136	46.6	59.4	34.3	68.6	390	1.0	0.0	0.245	46.3	59.2	28.2	65.6	385			

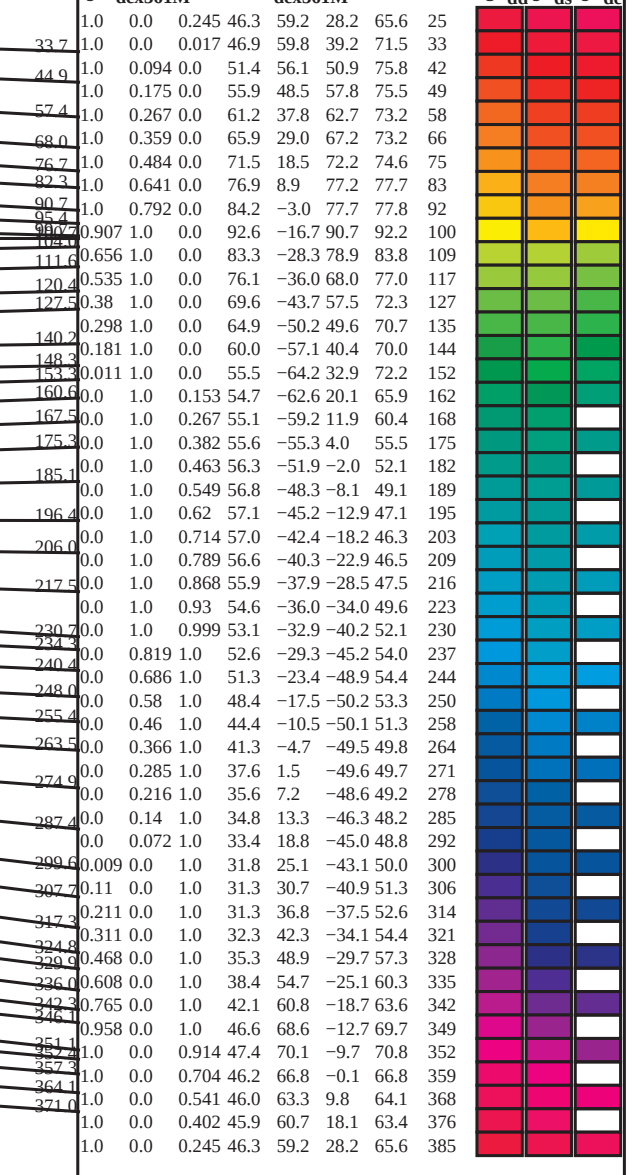
TUB-test chart RE63; 1080 standard colours, *cf*=1
48 step hue circles; *rgb*−*LabCh**tables

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

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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)				
33.7	30.0	25.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
44.9	37.5	33.8	1.0	0.125	0.0	52.8	54.4	54.4	77.0	44.9
57.4	45.0	42.1	1.0	0.25	0.0	60.3	39.3	61.7	73.2	57.4
68.0	52.5	50.5	1.0	0.375	0.0	66.7	27.3	67.8	73.1	68.0
76.7	60.0	58.8	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
82.3	67.5	67.2	1.0	0.625	0.0	76.0	10.3	76.7	77.4	82.3
90.7	75.0	75.6	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	90.7
95.4	82.5	83.9	1.0	0.875	0.0	86.9	−7.0	73.8	74.1	95.4
99.7	90.0	92.3	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
100.7	97.5	101.0	0.875	1.0	0.0	92.9	−17.5	92.9	94.5	100.7
104.0	105.0	109.7	0.75	1.0	0.0	89.2	−22.0	88.4	91.1	104.0
111.6	112.5	118.5	0.625	1.0	0.0	81.2	−30.0	75.6	81.4	111.6
120.4	120.0	127.2	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
127.5	127.5	136.0	0.375	1.0	0.0	69.3	−44.0	57.2	72.1	127.5
140.2	135.0	144.7	0.25	1.0	0.0	62.2	−53.6	44.5	69.7	140.2
148.3	142.5	153.4	0.125	1.0	0.0	58.1	−59.8	36.8	70.3	148.3
153.3	150.0	162.2	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
160.6	157.5	169.0	0.0	1.0	0.125	54.5	−63.4	22.2	67.2	160.6
167.5	165.0	175.9	0.0	1.0	0.25	54.9	−59.7	13.1	61.1	167.5
175.3	172.5	182.7	0.0	1.0	0.375	55.5	−55.6	4.5	55.8	175.3
185.1	180.0	189.6	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
196.4	187.5	196.4	0.0	1.0	0.625	57.0	−45.0	−13.2	46.9	196.4
206.0	195.0	203.2	0.0	1.0	0.75	56.9	−41.2	−20.2	45.9	206.0
217.5	202.5	210.1	0.0	1.0	0.875	55.8	−37.7	−29.0	47.6	217.5
230.7	210.0	216.9	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
234.3	217.5	223.8	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
240.4	225.0	230.6	0.0	0.75	1.0	52.6	−27.0	−47.6	54.7	240.4
248.0	232.5	237.5	0.0	0.625	1.0	50.0	−20.1	−50.0	53.9	248.0
255.4	240.0	244.3	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
263.5	247.5	251.2	0.0	0.375	1.0	41.6	−5.5	−49.5	49.8	263.5
274.9	255.0	258.0	0.0	0.25	1.0	36.0	4.2	−49.4	49.6	274.9
287.4	262.5	264.8	0.0	0.125	1.0	34.6	14.4	−45.8	48.0	287.4
299.6	270.0	271.7	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
307.7	277.5	278.8	0.125	0.0	1.0	31.2	31.5	−40.6	51.4	307.7
317.3	285.0	285.9	0.25	0.0	1.0	31.2	39.0	−35.9	53.1	317.3
324.8	292.5	293.0	0.375	0.0	1.0	33.4	45.6	−32.1	55.7	324.8
329.9	300.0	300.1	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
336.0	307.5	307.2	0.625	0.0	1.0	38.7	55.4	−24.5	60.6	336.0
342.3	315.0	314.3	0.75	0.0	1.0	41.7	60.2	−19.1	63.1	342.3
346.1	322.5	321.4	0.875	0.0	1.0	44.4	64.8	−16.0	66.8	346.1
351.1	330.0	328.6	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
352.4	337.5	335.7	1.0	0.0	0.875	47.1	70.0	−9.2	70.6	352.4
357.3	345.0	342.8	1.0	0.0	0.75	46.2	67.7	−3.0	67.7	357.3
364.1	352.5	349.9	1.0	0.0	0.625	46.2	65.0	4.7	65.1	364.1
371.0	360.0	357.0	1.0	0.0	0.5	45.8	62.3	12.1	63.5	371.0
378.0	367.5	364.1	1.0	0.0	0.375	45.9	60.1	19.6	63.3	378.0
385.2	375.0	371.2	1.0	0.0	0.25	46.2	59.2	27.9	65.4	385.2
390.4	382.5	378.3	1.0	0.0	0.125	46.6	59.3	34.8	68.8	390.4
393.7	390.0	385.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	393.7

		*rgb** dex361M			*LAB** dex361M				
33.7	1.0	0.0	0.245	46.3	59.2	28.2	65.6	25
44.9	1.0	0.0	0.017	46.9	59.8	39.2	71.5	33
57.4	1.0	0.094	0.0	51.4	56.1	50.9	75.8	42
68.0	1.0	0.175	0.0	55.9	48.5	57.8	75.5	49
76.7	1.0	0.267	0.0	61.2	37.8	62.7	73.2	58
82.3	1.0	0.359	0.0	65.9	29.0	67.2	73.2	66
90.7	1.0	0.484	0.0	71.5	18.5	72.2	74.6	75
95.4	1.0	0.641	0.0	76.9	8.9	77.2	77.7	83
99.7	1.0	0.792	0.0	84.2	−3.0	77.7	77.8	92
100.7	0.907	1.0	0.0	92.6	−16.7	90.7	92.2	100
104.0	0.656	1.0	0.0	83.3	−28.3	78.9	83.8	109
111.6	0.535	1.0	0.0	76.1	−36.0	68.0	77.0	117
120.4	0.38	1.0	0.0	69.6	−43.7	57.5	72.3	127
127.5	0.298	1.0	0.0	64.9	−50.2	49.6	70.7	135
140.2	0.181	1.0	0.0	60.0	−57.1	40.4	70.0	144
148.3	0.011	1.0	0.0	55.5	−64.2	32.9	72.2	152
153.3	0.0	1.0	0.153	54.7	−62.6	20.1	65.9	162
160.6	0.0	1.0	0.267	55.1	−59.2	11.9	60.4	168
167.5	0.0	1.0	0.382	55.6	−55.3	4.0	55.5	175
175.3	0.0	1.0	0.463	56.3	−51.9	−2.0	52.1	182
185.1	0.0	1.0	0.549	56.8	−48.3	−8.1	49.1	189
196.4	0.0	1.0	0.62	57.1	−45.2	−12.9	47.1	195
206.0	0.0	1.0	0.714	57.0	−42.4	−18.2	46.3	203
217.5	0.0	1.0	0.789	56.6	−40.3	−22.9	46.5	209
230.7	0.0	1.0	0.868	55.9	−37.9	−28.5	47.5	216
234.3	0.0	1.0	0.93	54.6	−36.0	−34.0	49.6	223
240.4	0.0	1.0	0.999	53.1	−32.9	−40.2	52.1	230
248.0	0.0	0.819	1.0	52.6	−29.3	−45.2	54.0	237
255.4	0.0	0.686	1.0	51.3	−23.4	−48.9	54.4	244
263.5	0.0	0.58	1.0	48.4	−17.5	−50.2	53.3	250
274.9	0.0	0.46	1.0	44.4	−10.5	−50.1	51.3	258
287.4	0.0	0.366	1.0	41.3	−4.7	−49.5	49.8	264
299.6	0.0	0.285	1.0	37.6	1.5	−49.6	49.7	271
307.7	0.0	0.216	1.0	35.6	7.2	−48.6	49.2	278
317.3	0.0	0.14	1.0	34.8	13.3	−46.3	48.2	285
324.8	0.0	0.072	1.0	33.4	18.8	−45.0	48.8	292
329.9	0.009	0.0	1.0	31.8	25.1	−43.1	50.0	300
336.0	0.11	0.0	1.0	31.3	30.7	−40.9	51.3	306
342.3	0.211	0.0	1.0	31.3	36.8	−37.5	52.6	314
346.1	0.311	0.0	1.0	32.3	42.3	−34.1	54.4	321
351.1	0.468	0.0	1.0	35.3	48.9	−29.7	57.3	328
352.4	0.608	0.0	1.0	38.4	54.7	−25.1	60.3	335
357.3	0.765	0.0	1.0	42.1	60.8	−18.7	63.6	342
364.1	0.958	0.0	1.0	46.6	68.6	−12.7	69.7	349
371.0	1.0	0.0	0.914	47.4	70.1	−9.7	70.8	352
	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359
	1.0	0.0	0.541	46.0	63.3	9.8	64.1	368
	1.0	0.0	0.402	45.9	60.7	18.1	63.4	376
	1.0	0.0	0.245	46.3	59.2	28.2	65.6	385

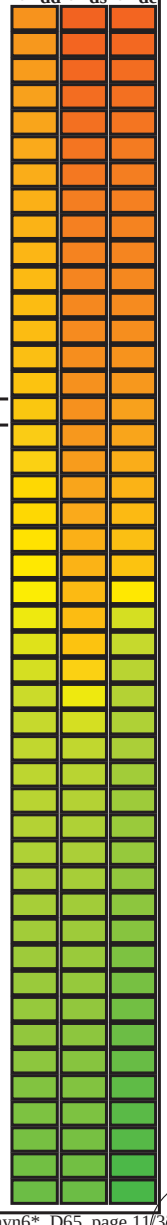


Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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
33	30	25	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33	R_d	1.0	0.0	0.136	46.6	59.4	34.3	68.6	30	R_s	1.0	0.0	0.0	1.0	0.0	0.245	46.3	59.2	28.2	65.6	25	R_e	1.0	0.0	0.0			
35	31	26	1.0	0.016	0.0	47.7	59.3	41.8	72.6	35		1.0	0.0	0.104	46.7	59.5	35.7	69.4	31		1.0	0.017	0.0	1.0	0.0	0.218	46.4	59.3	29.7	66.3	26		1.0	0.017	0.0			
36	32	27	1.0	0.033	0.0	48.5	58.7	43.8	73.2	36		1.0	0.0	0.066	46.8	59.6	37.3	70.3	32		1.0	0.033	0.0	1.0	0.0	0.191	46.4	59.4	31.2	67.1	27		1.0	0.033	0.0			
38	33	28	1.0	0.05	0.0	49.3	58.1	45.7	73.9	38		1.0	0.0	0.028	46.9	59.8	38.8	71.2	33		1.0	0.05	0.0	1.0	0.0	0.164	46.5	59.4	32.7	67.8	28		1.0	0.05	0.0			
39	34	29	1.0	0.066	0.0	50.1	57.4	47.7	74.6	39		1.0	0.003	0.0	47.1	59.7	40.3	72.1	34		1.0	0.067	0.0	1.0	0.0	0.137	46.6	59.4	34.2	68.5	29		1.0	0.067	0.0			
41	35	31	1.0	0.083	0.0	50.9	56.6	49.6	75.3	41		1.0	0.014	0.0	47.7	59.4	41.6	72.5	35		1.0	0.083	0.0	1.0	0.0	0.102	46.7	59.5	35.8	69.4	31		1.0	0.083	0.0			
42	36	32	1.0	0.1	0.0	51.7	55.8	51.5	75.9	42		1.0	0.025	0.0	48.2	59.0	42.9	73.0	36		1.0	0.1	0.0	1.0	0.0	0.06	46.8	59.7	37.5	70.5	32		1.0	0.1	0.0			
44	37	33	1.0	0.116	0.0	52.4	54.9	53.4	76.6	44		1.0	0.036	0.0	48.7	58.6	44.2	73.4	37		1.0	0.117	0.0	1.0	0.0	0.017	46.9	59.8	39.2	71.5	33		1.0	0.117	0.0			
45	38	34	1.0	0.133	0.0	53.3	53.5	55.0	76.7	45		1.0	0.047	0.0	49.2	58.2	45.5	73.9	38		1.0	0.133	0.0	1.0	0.007	0.0	47.3	59.6	40.8	72.2	34		1.0	0.133	0.0			
47	39	35	1.0	0.15	0.0	54.3	51.5	56.1	76.2	47		1.0	0.059	0.0	49.8	57.8	46.8	74.3	39		1.0	0.15	0.0	1.0	0.02	0.0	47.9	59.2	42.2	72.7	35		1.0	0.15	0.0			
49	40	36	1.0	0.166	0.0	55.3	49.5	57.2	75.7	49		1.0	0.07	0.0	50.3	57.3	48.1	74.8	40		1.0	0.167	0.0	1.0	0.032	0.0	48.5	58.8	43.7	73.2	36		1.0	0.167	0.0			
50	41	37	1.0	0.183	0.0	56.3	47.5	58.3	75.2	50		1.0	0.081	0.0	50.8	56.8	49.3	75.2	41		1.0	0.183	0.0	1.0	0.044	0.0	49.1	58.3	45.1	73.7	37		1.0	0.183	0.0			
52	42	38	1.0	0.2	0.0	57.3	45.5	59.2	74.7	52		1.0	0.092	0.0	51.3	56.2	50.6	75.7	42		1.0	0.2	0.0	1.0	0.057	0.0	49.7	57.8	46.6	74.2	38		1.0	0.2	0.0			
54	43	39	1.0	0.216	0.0	58.3	43.4	60.1	74.2	54		1.0	0.103	0.0	51.8	55.7	51.9	76.1	43		1.0	0.217	0.0	1.0	0.069	0.0	50.3	57.3	48.0	74.7	39		1.0	0.217	0.0			
55	44	41	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55		1.0	0.114	0.0	52.4	55.1	53.2	76.6	44		1.0	0.233	0.0	1.0	0.082	0.0	50.8	56.7	49.4	75.3	41		1.0	0.233	0.0			
57	45	42	1.0	0.25	0.0	60.3	39.3	61.7	73.2	57		1.0	0.125	0.0	52.9	54.5	54.5	77.0	45		1.0	0.25	0.0	1.0	0.094	0.0	51.4	56.1	50.9	75.8	42		1.0	0.25	0.0			
58	46	43	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58		1.0	0.135	0.0	53.5	53.3	55.2	76.7	46		1.0	0.267	0.0	1.0	0.106	0.0	52.0	55.5	52.3	76.3	43		1.0	0.267	0.0			
60	47	44	1.0	0.283	0.0	62.0	36.2	63.5	73.1	60		1.0	0.145	0.0	54.1	52.1	55.9	76.4	47		1.0	0.283	0.0	1.0	0.119	0.0	52.6	54.8	53.7	76.8	44		1.0	0.283	0.0			
61	48	45	1.0	0.3	0.0	62.8	34.7	64.4	73.1	61		1.0	0.155	0.0	54.7	50.9	56.5	76.1	48		1.0	0.3	0.0	1.0	0.131	0.0	53.2	53.8	54.8	76.8	45		1.0	0.3	0.0			
63	49	46	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63		1.0	0.165	0.0	55.3	49.7	57.2	75.8	49		1.0	0.317	0.0	1.0	0.142	0.0	53.9	52.5	55.6	76.5	46		1.0	0.317	0.0			
64	50	47	1.0	0.333	0.0	64.5	31.4	66.0	73.1	64		1.0	0.175	0.0	55.9	48.5	57.8	75.5	50		1.0	0.333	0.0	1.0	0.153	0.0	54.5	51.2	56.4	76.2	47		1.0	0.333	0.0			
65	51	48	1.0	0.35	0.0	65.4	29.8	66.8	73.1	65		1.0	0.185	0.0	56.5	47.3	58.4	75.2	51		1.0	0.35	0.0	1.0	0.164	0.0	55.2	49.9	57.1	75.8	48		1.0	0.35	0.0			
67	52	49	1.0	0.366	0.0	66.2	28.2	67.5	73.1	67		1.0	0.195	0.0	57.1	46.1	59.0	74.9	52		1.0	0.367	0.0	1.0	0.175	0.0	55.9	48.5	57.8	75.5	49		1.0	0.367	0.0			
68	53	51	1.0	0.383	0.0	67.0	26.7	68.2	73.2	68		1.0	0.205	0.0	57.7	44.9	59.6	74.6	53		1.0	0.383	0.0	1.0	0.186	0.0	56.5	47.2	58.5	75.1	51		1.0	0.383	0.0			
69	54	52	1.0	0.4	0.0	67.8	25.4	68.9	73.4	69		1.0	0.215	0.0	58.3	43.7	60.1	74.3	54		1.0	0.4	0.0	1.0	0.197	0.0	57.2	45.8	59.1	74.8	52		1.0	0.4	0.0			
70	55	53	1.0	0.416	0.0	68.5	24.0	69.6	73.7	70		1.0	0.225	0.0	58.9	42.4	60.6	74.0	55		1.0	0.417	0.0	1.0	0.209	0.0	57.9	44.5	59.7	74.5	53		1.0	0.417	0.0			
72	56	54	1.0	0.433	0.0	69.2	22.7	70.3	73.9	72		1.0	0.235	0.0	59.5	41.2	61.1	73.7	56		1.0	0.433	0.0	1.0	0.22	0.0	58.5	43.1	60.3	74.1	54		1.0	0.433	0.0			
73	57	55	1.0	0.45	0.0	70.0	21.3	71.0	74.1	73		1.0	0.245	0.0	60.1	39.9	61.5	73.3	57		1.0	0.45	0.0	1.0	0.231	0.0	59.2	41.7	60.9	73.8	55		1.0	0.45	0.0			
74	58	56	1.0	0.466	0.0	70.7	19.9	71.6	74.3	74		1.0	0.256	0.0	60.7	38.8	62.1	73.2	58		1.0	0.467	0.0	1.0	0.242	0.0	59.9	40.4	61.4	73.4	56		1.0	0.467	0.0			
75	59	57	1.0	0.483	0.0	71.4	18.5	72.2	74.5	75		1.0	0.268	0.0	61.3	37.7	62.7	73.2	59		1.0	0.483	0.0	1.0	0.254	0.0	60.5	39.0	61.9	73.2	57		1.0	0.483	0.0			
76	60	58	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76		1.0	0.28	0.0	61.9	36.6	63.4	73.2	60		1.0	0.5	0.0	1.0	0.267	0.0	61.2	37.8	62.7	73.2	58		1.0	0.5	0.0			
77	61	60	1.0	0.516	0.0	72.7	16.3	73.3	75.1	77		1.0	0.292	0.0	62.5	35.5	64.0	73.2	61		1.0	0.517	0.0	1.0	0.28	0.0	61.9	36.6	63.4	73.2	60		1.0	0.517	0.0			
78	62	61	1.0	0.533	0.0	73.2	15.4	73.9	75.4	78		1.0	0.304	0.0	63.1	34.4	64.6	73.2	62		1.0	0.533	0.0	1.0	0.293	0.0	62.6	35.3	64.1	73.2	61		1.0	0.533	0.0			
78	63	62	1.0	0.55	0.0	73.7	14.5	74.4	75.8	78		1.0	0.315	0.0	63.7	33.2	65.2	73.2	63		1.0	0.55	0.0	1.0	0.306	0.0	63.2	34.1	64.8	73.2	62		1.0	0.55	0.0			
79	64	63	1.0	0.566	0.0	74.2	13.6	74.9	76.1	79		1.0	0.327	0.0	64.3	32.1	65.8	73.2	64		1.0	0.567	0.0	1.0	0.32	0.0	63.9	32.8	65.4	73.2	63		1.0	0.567	0.0			
80	65	64	1.0	0.583	0.0	74.7	12.7	75.4	76.5	80		1.0	0.339	0.0	64.9	30.9	66.3	73.2	65		1.0	0.583	0.0	1.0	0.333	0.0	64.6	31.5	66.0	73.2	64		1.0	0.583	0.0			
81	66	65	1.0	0.6	0.0	75.2	11.7	75.9	76.8	81		1.0	0.351	0.0	65.5	29.8	66.9	73.2	66		1.0	0.6	0.0	1.0	0.346	0.0	65.2	30.3	66.6	73.2	65		1.0	0.6	0.0			
81	67	66	1.0	0.616	0.0	75.7	10.8	76.4	77.2	81		1.0	0.363	0.0	66.1	28.6	67.4	73.2	67		1.0	0.617	0.0	1.0	0.359	0.0	65.9	29.0	67.2	73.2	66		1.0	0.617	0.0			
82	68	67	1.0	0.633	0.0	76.4	9.6	76.9	77.5	82		1.0	0.375	0.0	66.7	27.4	67.8	73.2	68		1.0	0.633	0.0	1.0	0.372	0.0	66.6	27.6	67.8	73.2	67		1.0	0.633	0.0			
83	69	68	1.0	0.65	0.0	77.3	8.1	77.4	77.8	83		1.0	0.389	0.0	67.3	26.3	68.5	73.4	69		1.0	0.65	0.0	1.0	0.388	0.0	67.3	26.4	68.4	73.3	68		1.0	0.65	0.0			
85	70	70	1.0	0.666	0.0	78.2	6.6	77.8	78.1	85		1.0	0.403	0.0	68.0	25.2	69.1	73.5	70		1.0	0.667	0.0	1.0	0.404	0.0	68.0	25.1	69.1	73.5	70		1.0	0.667	0.0			
86	71	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86		1.0	0.418	0.0	68.6	24.0	69.7	73.7	71		1.0	0.683	0.0	1.0	0.42	0.0	68.7	23.8	69.8	73.8	71		1.0	0.683	0.0			
87	72	72	1.0	0.7	0.0	80.0	3.6	78.6	78.7	87		1.0	0.432	0.0	69.2	22.8	70.3	73.9	72		1.0	0.7	0.0	1.0	0.436	0.0	69.4	22.5	70.4	74.0	72		1.0	0.7	0.0			
88	73	73	1.0	0.716	0.0	80.9	2.0	78.9	79.0	88		1.0	0.446	0.0	69.9	21.7	70.9	74.1	73		1.0	0.717	0.0	1.0	0.452	0.0	70.1	21.2	71.1	74.2	73		1.0	0.717	0.0			
89	74	74	1.0	0.733	0.0	81.8	0.5	79.3	79.3	89		1.0	0.461	0.0	70.5	20.5	71.4	74.3	74		1.0	0.733	0.0	1.0	0.468	0.0	70.8	19.9	71.7	74.4	74		1.0	0.733	0.0			
−269	75	75	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	−269	R_d	1.0	0.475	0.0	71.1	19.3	71.9	74.5	75		1.0	0.75	0.0	1.0	0.484	0.0	71.5	18.5	72.2	74.6	75		1.0	0.75	0.0			

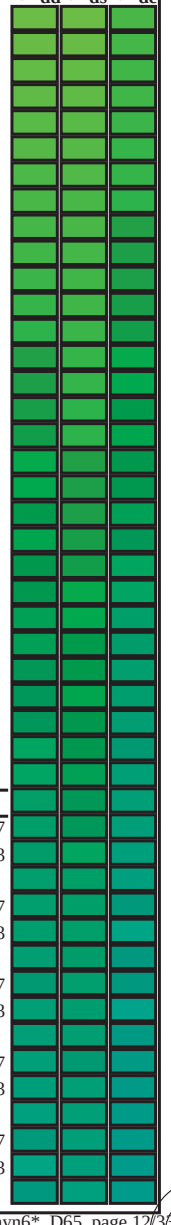
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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**dd361M			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
−269	75	75	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	−269	R_d	1.0	0.475	0.0	71.1	19.3	71.9	74.5	75		1.0	0.75	0.0	1.0	0.484	0.0	71.5	18.5	72.2	74.6	75		1.0	0.75	0.0			
91	76	76	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91		1.0	0.49	0.0	71.7	18.1	72.4	74.7	76		1.0	0.767	0.0	1.0	0.5	0.0	72.2	17.2	72.8	74.8	76		1.0	0.767	0.0			
91	77	77	1.0	0.783	0.0	83.8	−2.7	78.1	78.1	91		1.0	0.506	0.0	72.4	16.9	73.0	74.9	77		1.0	0.783	0.0	1.0	0.525	0.0	73.0	15.9	73.6	75.3	77		1.0	0.783	0.0			
92	78	78	1.0	0.8	0.0	84.4	−3.5	77.3	77.4	92		1.0	0.529	0.0	73.1	15.7	73.7	75.4	78		1.0	0.8	0.0	1.0	0.55	0.0	73.7	14.5	74.4	75.8	78		1.0	0.8	0.0			
93	79	80	1.0	0.816	0.0	84.9	−4.3	76.5	76.7	93		1.0	0.551	0.0	73.8	14.5	74.5	75.9	79		1.0	0.817	0.0	1.0	0.575	0.0	74.5	13.2	75.2	76.4	80		1.0	0.817	0.0			
93	80	81	1.0	0.833	0.0	85.5	−5.1	75.8	75.9	93		1.0	0.573	0.0	74.5	13.3	75.2	76.3	80		1.0	0.833	0.0	1.0	0.6	0.0	75.3	11.8	76.0	76.9	81		1.0	0.833	0.0			
94	81	82	1.0	0.85	0.0	86.1	−5.9	75.0	75.2	94		1.0	0.596	0.0	75.2	12.0	75.9	76.8	81		1.0	0.85	0.0	1.0	0.625	0.0	76.0	10.4	76.7	77.4	82		1.0	0.85	0.0			
95	82	83	1.0	0.866	0.0	86.6	−6.6	74.2	74.5	95		1.0	0.618	0.0	75.8	10.8	76.5	77.3	82		1.0	0.867	0.0	1.0	0.641	0.0	76.9	8.9	77.2	77.7	83		1.0	0.867	0.0			
95	83	84	1.0	0.883	0.0	87.2	−7.4	74.5	74.9	95		1.0	0.635	0.0	76.6	9.5	77.0	77.6	83		1.0	0.883	0.0	1.0	0.658	0.0	77.8	7.5	77.6	78.0	84		1.0	0.883	0.0			
96	84	85	1.0	0.9	0.0	87.8	−8.4	75.9	76.4	96		1.0	0.65	0.0	77.4	8.1	77.4	77.9	84		1.0	0.9	0.0	1.0	0.674	0.0	78.7	6.0	78.1	78.3	85		1.0	0.9	0.0			
96	85	86	1.0	0.916	0.0	88.4	−9.3	77.3	77.9	96		1.0	0.665	0.0	78.2	6.8	77.8	78.1	85		1.0	0.917	0.0	1.0	0.691	0.0	79.6	4.5	78.4	78.6	86		1.0	0.917	0.0			
97	86	87	1.0	0.933	0.0	88.9	−10.3	78.7	79.4	97		1.0	0.68	0.0	79.0	5.5	78.2	78.4	86		1.0	0.933	0.0	1.0	0.707	0.0	80.5	2.9	78.8	78.9	87		1.0	0.933	0.0			
98	87	88	1.0	0.95	0.0	89.5	−11.3	80.1	80.9	98		1.0	0.695	0.0	79.8	4.1	78.5	78.6	87		1.0	0.95	0.0	1.0	0.724	0.0	81.4	1.4	79.1	79.1	88		1.0	0.95	0.0			
98	88	90	1.0	0.966	0.0	90.1	−12.3	81.4	82.4	98		1.0	0.709	0.0	80.6	2.8	78.8	78.9	88		1.0	0.967	0.0	1.0	0.74	0.0	82.2	0.0	79.4	79.4	90		1.0	0.967	0.0			
99	89	91	1.0	0.983	0.0	90.7	−13.4	82.8	83.9	99		1.0	0.724	0.0	81.4	1.4	79.1	79.2	89		1.0	0.983	0.0	1.0	0.762	0.0	83.2	−1.6	79.1	79.1	91		1.0	0.983	0.0			
99	90	92	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99	Y_d	1.0	0.739	0.0	82.2	0.0	79.4	79.4	90	Y_s	1.0	1.0	0.0	1.0	0.792	0.0	84.2	−3.0	77.7	77.8	92	Y_e	1.0	1.0	0.0			
99	91	93	0.983	1.0	0.0	91.5	−14.8	85.3	86.6	99		1.0	0.757	0.0	83.0	−1.3	79.3	79.3	91		0.983	1.0	0.0	1.0	0.823	0.0	85.2	−4.5	76.3	76.4	93		0.983	1.0	0.0			
100	92	94	0.966	1.0	0.0	91.7	−15.2	86.5	87.8	100		1.0	0.784	0.0	83.9	−2.6	78.1	78.2	92		0.967	1.0	0.0	1.0	0.854	0.0	86.2	−6.0	74.9	75.1	94		0.967	1.0	0.0			
100	93	95	0.95	1.0	0.0	91.9	−15.6	87.6	89.0	100		1.0	0.81	0.0	84.8	−3.9	76.9	77.0	93		0.95	1.0	0.0	1.0	0.885	0.0	87.3	−7.5	74.7	75.1	95		0.95	1.0	0.0			
100	94	96	0.933	1.0	0.0	92.2	−16.1	88.8	90.3	100		1.0	0.837	0.0	85.7	−5.2	75.7	75.8	94		0.933	1.0	0.0	1.0	0.919	0.0	88.5	−9.4	77.6	78.1	96		0.933	1.0	0.0			
100	95	98	0.916	1.0	0.0	92.4	−16.5	90.0	91.5	100		1.0	0.863	0.0	86.6	−6.4	74.4	74.7	95		0.917	1.0	0.0	1.0	0.953	0.0	89.7	−11.4	80.3	81.2	98		0.917	1.0	0.0			
100	96	99	0.9	1.0	0.0	92.6	−16.9	91.1	92.7	100		1.0	0.891	0.0	87.5	−7.8	75.2	75.6	96		0.9	1.0	0.0	1.0	0.986	0.0	90.8	−13.5	83.1	84.2	99		0.9	1.0	0.0			
100	97	100	0.883	1.0	0.0	92.8	−17.3	92.3	93.9	100		1.0	0.92	0.0	88.5	−9.4	77.6	78.2	97		0.883	1.0	0.0	0.907	1.0	0.0	92.6	−16.7	90.7	92.2	100		0.883	1.0	0.0			
100	98	101	0.866	1.0	0.0	92.7	−17.8	92.6	94.3	100		1.0	0.949	0.0	89.5	−11.1	80.0	80.8	98		0.867	1.0	0.0	0.84	1.0	0.0	92.0	−18.8	91.7	93.6	101		0.867	1.0	0.0			
101	99	102	0.85	1.0	0.0	92.2	−18.5	92.0	93.9	101		1.0	0.978	0.0	90.5	−12.9	82.4	83.4	99		0.85	1.0	0.0	0.796	1.0	0.0	90.7	−20.4	90.1	92.4	102		0.85	1.0	0.0			
101	100	103	0.833	1.0	0.0	91.7	−19.1	91.4	93.4	101		0.97	1.0	0.0	91.7	−15.1	86.3	87.6	100		0.833	1.0	0.0	0.752	1.0	0.0	89.4	−21.9	88.5	91.2	103		0.833	1.0	0.0			
102	101	105	0.816	1.0	0.0	91.2	−19.7	90.8	92.9	102		0.864	1.0	0.0	92.7	−17.9	92.6	94.3	101		0.817	1.0	0.0	0.732	1.0	0.0	88.1	−23.3	86.7	89.8	105		0.817	1.0	0.0			
102	102	106	0.8	1.0	0.0	90.7	−20.3	90.2	92.5	102		0.826	1.0	0.0	91.6	−19.3	91.2	93.3	102		0.8	1.0	0.0	0.713	1.0	0.0	86.9	−24.7	84.7	88.3	106		0.8	1.0	0.0			
103	103	107	0.783	1.0	0.0	90.2	−20.9	89.6	92.0	103		0.789	1.0	0.0	90.4	−20.6	89.9	92.2	103		0.783	1.0	0.0	0.694	1.0	0.0	85.7	−25.9	82.8	86.8	107		0.783	1.0	0.0			
103	104	108	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103		0.751	1.0	0.0	89.3	−22.0	88.5	91.2	104		0.767	1.0	0.0	0.675	1.0	0.0	84.5	−27.1	80.8	85.3	108		0.767	1.0	0.0			
104	105	109	0.75	1.0	0.0	89.2	−22.0	88.4	91.1	104		0.734	1.0	0.0	88.3	−23.2	86.9	89.9	105		0.75	1.0	0.0	0.656	1.0	0.0	83.3	−28.3	78.9	83.8	109		0.75	1.0	0.0			
105	106	110	0.733	1.0	0.0	88.2	−23.3	86.7	89.8	105		0.718	1.0	0.0	87.2	−24.3	85.2	88.7	106		0.733	1.0	0.0	0.637	1.0	0.0	82.0	−29.3	76.9	82.3	110		0.733	1.0	0.0			
106	107	112	0.716	1.0	0.0	87.1	−24.5	85.1	88.5	106		0.701	1.0	0.0	86.2	−25.4	83.6	87.4	107		0.717	1.0	0.0	0.619	1.0	0.0	80.9	−30.4	75.1	81.1	112		0.717	1.0	0.0			
107	108	113	0.7	1.0	0.0	86.0	−25.6	83.4	87.2	107		0.685	1.0	0.0	85.1	−26.5	81.9	86.1	108		0.7	1.0	0.0	0.602	1.0	0.0	79.9	−31.6	73.7	80.3	113		0.7	1.0	0.0			
108	109	114	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108		0.669	1.0	0.0	84.1	−27.5	80.2	84.8	109		0.683	1.0	0.0	0.585	1.0	0.0	79.0	−32.8	72.3	79.4	114		0.683	1.0	0.0			
109	110	115	0.666	1.0	0.0	83.9	−27.7	79.9	84.6	109		0.652	1.0	0.0	83.0	−28.5	78.5	83.6	110		0.667	1.0	0.0	0.569	1.0	0.0	78.0	−33.9	70.9	78.6	115		0.667	1.0	0.0			
110	111	116	0.65	1.0	0.0	82.8	−28.7	78.2	83.3	110		0.636	1.0	0.0	82.0	−29.4	76.8	82.3	111		0.65	1.0	0.0	0.552	1.0	0.0	77.0	−35.0	69.4	77.8	116		0.65	1.0	0.0			
111	112	117	0.633	1.0	0.0	81.8	−29.6	76.5	82.0	111		0.62	1.0	0.0	81.0	−30.3	75.3	81.2	112		0.633	1.0	0.0	0.535	1.0	0.0	76.1	−36.0	68.0	77.0	117		0.633	1.0	0.0			
112	113	119	0.616	1.0	0.0	80.7	−30.6	74.9	80.9	112		0.606	1.0	0.0	80.2	−31.3	74.1	80.5	113		0.617	1.0	0.0	0.519	1.0	0.0	75.1	−36.9	66.5	76.1	119		0.617	1.0	0.0			
113	114	120	0.6	1.0	0.0	79.8	−31.8	73.5	80.1	113		0.592	1.0	0.0	79.3	−32.3	72.9	79.8	114		0.6	1.0	0.0	0.502	1.0	0.0	74.1	−37.9	65.0	75.3	120		0.6	1.0	0.0			
114	115	121	0.583	1.0	0.0	78.8	−33.0	72.1	79.3	114		0.578	1.0	0.0	78.5	−33.3	71.6	79.1	115		0.583	1.0	0.0	0.482	1.0	0.0	73.3	−38.9	63.8	74.8	121		0.583	1.0	0.0			
115	116	122	0.566	1.0	0.0	77.8	−34.1	70.7	78.5	115		0.563	1.0	0.0	77.7	−34.2	70.4	78.3	116		0.567	1.0	0.0	0.462	1.0	0.0	72.6	−39.9	62.6	74.3	122		0.567	1.0	0.0			
116	117	123	0.55	1.0	0.0	76.9	−35.1	69.2	77.6	116		0.549	1.0	0.0	76.8	−35.1	69.2	77.6	117		0.55	1.0	0.0	0.441	1.0	0.0	71.8	−40.9	61.3	73.8	123		0.55	1.0	0.0			
118	118	124	0.533	1.0	0.0	75.9	−36.1	67.8	76.8	118		0.535	1.0	0.0	76.0	−36.0	67.9	76.9	118		0.533	1.0	0.0	0.421	1.0	0.0	71.1	−41.9	60.1	73.3	124		0.533	1.0	0.0			
119	119	126	0.516	1.0	0.0	74.9	−37.1	66.3	76.0	119		0.52	1.0	0.0	75.2	−36.9	66.7	76.2	119		0.517	1.0	0.0	0.401	1.0	0.0	70.3	−42.8	58.8	72.8	126		0.517	1.0	0.0			
120	120	127	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120		0.506	1.0	0.0	74.3	−37.7	65.4	75.5	120		0.5	1.0	0.0	0.38	1.0	0.0	69.6	−43.7	57.5	72.3	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*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

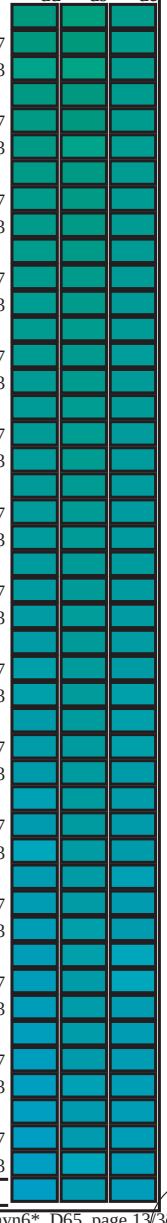
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
120	120	127	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120	0.506	1.0	0.0	74.3	−37.7	65.4	75.5	120	0.5	1.0	0.0	0.38	1.0	0.0	69.6	−43.7	57.5	72.3	127	0.5	1.0	0.0			
121	121	128	0.483	1.0	0.0	73.3	−38.9	63.8	74.8	121	0.49	1.0	0.0	73.6	−38.5	64.3	75.0	121	0.483	1.0	0.0	0.366	1.0	0.0	68.9	−44.7	56.4	72.0	128	0.483	1.0	0.0			
122	122	129	0.466	1.0	0.0	72.7	−39.7	62.8	74.4	122	0.472	1.0	0.0	73.0	−39.4	63.2	74.5	122	0.467	1.0	0.0	0.355	1.0	0.0	68.2	−45.7	55.3	71.8	129	0.467	1.0	0.0			
123	123	130	0.45	1.0	0.0	72.1	−40.6	61.8	74.0	123	0.455	1.0	0.0	72.3	−40.3	62.2	74.1	123	0.45	1.0	0.0	0.344	1.0	0.0	67.6	−46.6	54.2	71.6	130	0.45	1.0	0.0			
124	124	131	0.433	1.0	0.0	71.5	−41.3	60.8	73.5	124	0.437	1.0	0.0	71.7	−41.1	61.1	73.7	124	0.433	1.0	0.0	0.332	1.0	0.0	66.9	−47.6	53.1	71.3	131	0.433	1.0	0.0			
125	125	133	0.416	1.0	0.0	70.9	−42.1	59.8	73.1	125	0.42	1.0	0.0	71.0	−41.9	60.0	73.3	125	0.417	1.0	0.0	0.321	1.0	0.0	66.3	−48.5	51.9	71.1	133	0.417	1.0	0.0			
126	126	134	0.4	1.0	0.0	70.3	−42.9	58.7	72.7	126	0.402	1.0	0.0	70.4	−42.7	58.9	72.8	126	0.4	1.0	0.0	0.309	1.0	0.0	65.6	−49.4	50.8	70.9	134	0.4	1.0	0.0			
127	127	135	0.383	1.0	0.0	69.6	−43.6	57.7	72.3	127	0.385	1.0	0.0	69.7	−43.5	57.8	72.4	127	0.383	1.0	0.0	0.298	1.0	0.0	64.9	−50.2	49.6	70.7	135	0.383	1.0	0.0			
128	128	136	0.366	1.0	0.0	68.9	−44.7	56.4	72.0	128	0.371	1.0	0.0	69.1	−44.3	56.8	72.1	128	0.367	1.0	0.0	0.286	1.0	0.0	64.3	−51.1	48.4	70.4	136	0.367	1.0	0.0			
130	129	137	0.35	1.0	0.0	67.9	−46.1	54.8	71.6	130	0.361	1.0	0.0	68.6	−45.2	55.9	71.9	129	0.35	1.0	0.0	0.275	1.0	0.0	63.6	−51.9	47.2	70.2	137	0.35	1.0	0.0			
131	130	138	0.333	1.0	0.0	66.9	−47.5	53.1	71.3	131	0.351	1.0	0.0	68.0	−46.0	54.9	71.7	130	0.333	1.0	0.0	0.263	1.0	0.0	63.0	−52.7	46.0	70.0	138	0.333	1.0	0.0			
133	131	140	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133	0.341	1.0	0.0	67.4	−46.8	54.0	71.5	131	0.317	1.0	0.0	0.252	1.0	0.0	62.3	−53.4	44.8	69.8	140	0.317	1.0	0.0			
135	132	141	0.3	1.0	0.0	65.0	−50.1	49.8	70.7	135	0.331	1.0	0.0	66.9	−47.6	53.0	71.3	132	0.3	1.0	0.0	0.235	1.0	0.0	61.7	−54.3	43.7	69.8	141	0.3	1.0	0.0			
136	133	142	0.283	1.0	0.0	64.1	−51.3	48.0	70.3	136	0.322	1.0	0.0	66.3	−48.4	52.0	71.1	133	0.283	1.0	0.0	0.217	1.0	0.0	61.1	−55.3	42.6	69.9	142	0.283	1.0	0.0			
138	134	143	0.266	1.0	0.0	63.1	−52.5	46.3	70.0	138	0.312	1.0	0.0	65.7	−49.2	51.0	70.9	134	0.267	1.0	0.0	0.199	1.0	0.0	60.6	−56.2	41.5	70.0	143	0.267	1.0	0.0			
140	135	144	0.25	1.0	0.0	62.2	−53.6	44.5	69.7	140	0.302	1.0	0.0	65.2	−49.9	50.0	70.7	135	0.25	1.0	0.0	0.181	1.0	0.0	60.0	−57.1	40.4	70.0	144	0.25	1.0	0.0			
141	136	145	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141	0.292	1.0	0.0	64.6	−50.6	49.0	70.5	136	0.233	1.0	0.0	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145	0.233	1.0	0.0			
142	137	147	0.216	1.0	0.0	61.1	−55.3	42.5	69.8	142	0.282	1.0	0.0	64.1	−51.4	48.0	70.4	137	0.217	1.0	0.0	0.145	1.0	0.0	58.8	−58.8	38.2	70.2	147	0.217	1.0	0.0			
143	138	148	0.2	1.0	0.0	60.5	−56.2	41.5	69.9	143	0.272	1.0	0.0	63.5	−52.0	46.9	70.2	138	0.2	1.0	0.0	0.127	1.0	0.0	58.2	−59.7	37.0	70.3	148	0.2	1.0	0.0			
144	139	149	0.183	1.0	0.0	60.0	−57.0	40.5	70.0	144	0.263	1.0	0.0	62.9	−52.7	45.9	70.0	139	0.183	1.0	0.0	0.099	1.0	0.0	57.6	−60.8	36.0	70.7	149	0.183	1.0	0.0			
145	140	150	0.166	1.0	0.0	59.5	−57.9	39.5	70.1	145	0.253	1.0	0.0	62.4	−53.3	44.8	69.8	140	0.167	1.0	0.0	0.07	1.0	0.0	56.9	−61.9	35.0	71.2	150	0.167	1.0	0.0			
146	141	151	0.15	1.0	0.0	58.9	−58.7	38.4	70.1	146	0.239	1.0	0.0	61.8	−54.1	43.9	69.8	141	0.15	1.0	0.0	0.041	1.0	0.0	56.2	−63.1	34.0	71.7	151	0.15	1.0	0.0			
147	142	152	0.133	1.0	0.0	58.4	−59.4	37.3	70.2	147	0.223	1.0	0.0	61.4	−54.9	43.0	69.8	142	0.133	1.0	0.0	0.011	1.0	0.0	55.5	−64.2	32.9	72.2	152	0.133	1.0	0.0			
148	143	154	0.116	1.0	0.0	57.9	−60.2	36.5	70.4	148	0.208	1.0	0.0	60.9	−55.7	42.1	69.9	143	0.117	1.0	0.0	0.0	1.0	0.012	55.2	−64.6	31.4	71.9	154	0.117	1.0	0.0			
149	144	155	0.1	1.0	0.0	57.5	−60.8	36.0	70.7	149	0.193	1.0	0.0	60.4	−56.5	41.1	70.0	144	0.1	1.0	0.0	0.0	1.0	0.032	55.1	−64.5	29.8	71.1	155	0.1	1.0	0.0			
150	145	156	0.083	1.0	0.0	57.2	−61.5	35.4	71.0	150	0.177	1.0	0.0	59.9	−57.3	40.2	70.1	145	0.083	1.0	0.0	0.0	1.0	0.052	55.0	−64.3	28.1	70.3	156	0.083	1.0	0.0			
150	146	157	0.066	1.0	0.0	56.8	−62.1	34.8	71.2	150	0.162	1.0	0.0	59.4	−58.0	39.2	70.1	146	0.067	1.0	0.0	0.0	1.0	0.072	54.9	−64.1	26.5	69.5	157	0.067	1.0	0.0			
151	147	158	0.049	1.0	0.0	56.4	−62.8	34.2	71.5	151	0.146	1.0	0.0	58.9	−58.8	38.2	70.2	147	0.05	1.0	0.0	0.0	1.0	0.092	54.8	−63.9	24.9	68.6	158	0.05	1.0	0.0			
152	148	159	0.033	1.0	0.0	56.0	−63.4	33.7	71.8	152	0.131	1.0	0.0	58.4	−59.5	37.2	70.3	148	0.033	1.0	0.0	0.0	1.0	0.112	54.6	−63.6	23.3	67.8	159	0.033	1.0	0.0			
152	149	161	0.016	1.0	0.0	55.6	−64.0	33.0	72.1	152	0.11	1.0	0.0	57.8	−60.4	36.3	70.6	149	0.017	1.0	0.0	0.0	1.0	0.132	54.6	−63.2	21.7	66.9	161	0.017	1.0	0.0			
153	150	162	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153	G_d 0.084	1.0	0.0	57.2	−61.4	35.5	71.0	150	G_s 0.0	1.0	0.0	0.0	1.0	0.153	54.7	−62.6	20.1	65.9	162	G_e 0.0	1.0	0.0			
154	151	163	0.0	1.0	0.016	55.1	−64.6	31.0	71.7	154	0.059	1.0	0.0	56.6	−62.4	34.6	71.4	151	0.0	1.0	0.017	0.0	1.0	0.17	54.7	−62.2	18.9	65.1	163	0.0	1.0	0.017			
155	152	164	0.0	1.0	0.033	55.0	−64.5	29.6	71.0	155	0.034	1.0	0.0	56.1	−63.3	33.7	71.8	152	0.0	1.0	0.033	0.0	1.0	0.186	54.8	−61.7	17.7	64.3	164	0.0	1.0	0.033			
156	153	164	0.0	1.0	0.05	54.9	−64.4	28.3	70.3	156	0.009	1.0	0.0	55.5	−64.3	32.8	72.3	153	0.0	1.0	0.05	0.0	1.0	0.203	54.8	−61.2	16.5	63.5	164	0.0	1.0	0.05			
157	154	165	0.0	1.0	0.066	54.8	−64.2	26.9	69.6	157	0.0	1.0	0.011	55.2	−64.6	31.5	72.0	154	0.0	1.0	0.067	0.0	1.0	0.219	54.9	−60.7	15.3	62.7	165	0.0	1.0	0.067			
158	155	166	0.0	1.0	0.083	54.8	−64.0	25.5	68.9	158	0.0	1.0	0.028	55.1	−64.5	30.1	71.3	155	0.0	1.0	0.083	0.0	1.0	0.236	54.9	−60.1	14.1	61.9	166	0.0	1.0	0.083			
159	156	167	0.0	1.0	0.1	54.7	−63.8	24.2	68.3	159	0.0	1.0	0.045	55.0	−64.4	28.7	70.6	156	0.0	1.0	0.1	0.0	1.0	0.252	55.0	−59.6	13.0	61.1	167	0.0	1.0	0.1			
160	157	168	0.0	1.0	0.116	54.6	−63.6	22.9	67.6	160	0.0	1.0	0.062	54.9	−64.2	27.3	69.9	157	0.0	1.0	0.117	0.0	1.0	0.267	55.1	−59.2	11.9	60.4	168	0.0	1.0	0.117			
161	158	169	0.0	1.0	0.133	54.6	−63.2	21.6	66.8	161	0.0	1.0	0.08	54.8	−64.0	25.9	69.1	158	0.0	1.0	0.133	0.0	1.0	0.281	55.1	−58.7	10.9	59.8	169	0.0	1.0	0.133			
162	159	170	0.0	1.0	0.15	54.6	−62.8	20.3	66.0	162	0.0	1.0	0.097	54.7	−63.8	24.5	68.4	159	0.0	1.0	0.15	0.0	1.0	0.296	55.2	−58.3	9.8	59.2	170	0.0	1.0	0.15			
162	160	171	0.0	1.0	0.166	54.7	−62.3	19.1	65.2	162	0.0	1.0	0.114	54.6	−63.6	23.2	67.7	160	0.0	1.0	0.167	0.0	1.0	0.31	55.2	−57.8	8.8	58.6	171	0.0	1.0	0.167			
163	161	172	0.0	1.0	0.183	54.7	−61.8	17.8	64.4	163	0.0	1.0	0.131	54.6	−63.2	21.8	67.0	161	0.0	1.0	0.183	0.0	1.0	0.325	55.3	−57.3	7.8	57.9	172	0.0	1.0	0.183			
164	162	173	0.0	1.0	0.2	54.8	−61.3	16.6	63.5	164	0.0	1.0	0.149	54.7	−62.8	20.4	66.1	162	0.0	1.0	0.2	0.0	1.0	0.34	55.4	−56.8	6.8	57.3	173	0.0	1.0	0.2			
165	163	174	0.0	1.0	0.216	54.8	−60.8	15.4	62.7	165	0.0	1.0	0.167	54.7	−62.3	19.1	65.2	163	0.0	1.0	0.217	0.0	1.0	0.354	55.4	−56.3	5.8	56.7	174	0.0	1.0	0.217			
166	164	175	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166	0.0	1.0	0.185	54.8	−61.7	17.7	64.3	164	0.0	1.0	0.233	0.0	1.0	0.369	55.5	−55.8	4.9	56.1	175	0.0	1.0	0.233			
167	165	175	0.0	1.0	0.25	54.9	−59.7	13.1	61.1	167	0.0	1.0	0.203	54.8	−61.2	16.4	63.4	165	0.0	1.0	0.25	0.0	1.0	0.382	55.6	−55.3	4.0	55.5	175	0.0	1.0	0.25			



RE630−73 1−1131130−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted 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*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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
167	165	175	0.0	1.0	0.25	54.9	−59.7	13.1	61.1	167	0.0	1.0	0.203	54.8	−61.2	16.4	63.4	165	0.0	1.0	0.25	0.0	1.0	0.382	55.6	−55.3	4.0	55.5	175	0.0	1.0	0.25			
168	166	176	0.0	1.0	0.266	55.0	−59.2	11.9	60.4	168	0.0	1.0	0.221	54.9	−60.6	15.1	62.5	166	0.0	1.0	0.267	0.0	1.0	0.394	55.7	−54.8	3.0	55.0	176	0.0	1.0	0.267			
169	167	177	0.0	1.0	0.283	55.1	−58.7	10.7	59.7	169	0.0	1.0	0.239	54.9	−60.0	13.9	61.7	167	0.0	1.0	0.283	0.0	1.0	0.405	55.8	−54.4	2.2	54.5	177	0.0	1.0	0.283			
170	168	178	0.0	1.0	0.3	55.1	−58.2	9.5	59.0	170	0.0	1.0	0.257	55.0	−59.4	12.7	60.9	168	0.0	1.0	0.3	0.0	1.0	0.417	55.9	−53.9	1.3	54.0	178	0.0	1.0	0.3			
171	169	179	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171	0.0	1.0	0.273	55.1	−59.0	11.5	60.2	169	0.0	1.0	0.317	0.0	1.0	0.428	56.0	−53.5	0.4	53.6	179	0.0	1.0	0.317			
172	170	180	0.0	1.0	0.333	55.3	−57.1	7.2	57.5	172	0.0	1.0	0.289	55.1	−58.5	10.3	59.5	170	0.0	1.0	0.333	0.0	1.0	0.44	56.1	−53.0	−0.3	53.1	180	0.0	1.0	0.333			
173	171	181	0.0	1.0	0.35	55.4	−56.5	6.1	56.8	173	0.0	1.0	0.305	55.2	−58.0	9.2	58.8	171	0.0	1.0	0.35	0.0	1.0	0.452	56.2	−52.5	−1.2	52.6	181	0.0	1.0	0.35			
174	172	182	0.0	1.0	0.366	55.4	−55.9	5.0	56.1	174	0.0	1.0	0.321	55.3	−57.5	8.1	58.1	172	0.0	1.0	0.367	0.0	1.0	0.463	56.3	−51.9	−2.0	52.1	182	0.0	1.0	0.367			
176	173	183	0.0	1.0	0.383	55.5	−55.3	3.8	55.4	176	0.0	1.0	0.337	55.4	−56.9	7.0	57.4	173	0.0	1.0	0.383	0.0	1.0	0.475	56.4	−51.4	−2.8	51.6	183	0.0	1.0	0.383			
177	174	184	0.0	1.0	0.4	55.7	−54.6	2.5	54.7	177	0.0	1.0	0.353	55.4	−56.3	5.9	56.8	174	0.0	1.0	0.4	0.0	1.0	0.487	56.5	−50.9	−3.6	51.1	184	0.0	1.0	0.4			
178	175	185	0.0	1.0	0.416	55.8	−54.0	1.2	54.0	178	0.0	1.0	0.369	55.5	−55.8	4.9	56.1	175	0.0	1.0	0.417	0.0	1.0	0.498	56.6	−50.3	−4.3	50.6	185	0.0	1.0	0.417			
179	176	185	0.0	1.0	0.433	56.0	−53.3	0.0	53.3	179	0.0	1.0	0.383	55.6	−55.2	3.9	55.5	176	0.0	1.0	0.433	0.0	1.0	0.509	56.6	−49.9	−5.1	50.3	185	0.0	1.0	0.433			
181	177	186	0.0	1.0	0.45	56.1	−52.6	−1.1	52.6	181	0.0	1.0	0.396	55.7	−54.8	2.9	54.9	177	0.0	1.0	0.45	0.0	1.0	0.519	56.7	−49.5	−5.9	50.0	186	0.0	1.0	0.45			
182	178	187	0.0	1.0	0.466	56.3	−51.8	−2.3	51.9	182	0.0	1.0	0.409	55.8	−54.3	1.9	54.4	178	0.0	1.0	0.467	0.0	1.0	0.529	56.7	−49.1	−6.6	49.7	187	0.0	1.0	0.467			
183	179	188	0.0	1.0	0.483	56.4	−51.1	−3.4	51.2	183	0.0	1.0	0.421	55.9	−53.8	0.9	53.9	179	0.0	1.0	0.483	0.0	1.0	0.539	56.8	−48.7	−7.4	49.4	188	0.0	1.0	0.483			
185	180	189	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185	0.0	1.0	0.434	56.0	−53.2	0.0	53.3	180	0.0	1.0	0.5	0.0	1.0	0.549	56.8	−48.3	−8.1	49.1	189	0.0	1.0	0.5			
186	181	190	0.0	1.0	0.516	56.6	−49.7	−5.8	50.0	186	0.0	1.0	0.447	56.1	−52.7	−0.8	52.8	181	0.0	1.0	0.517	0.0	1.0	0.559	56.8	−47.9	−8.8	48.8	190	0.0	1.0	0.517			
188	182	191	0.0	1.0	0.533	56.7	−49.0	−7.0	49.5	188	0.0	1.0	0.46	56.3	−52.1	−1.7	52.2	182	0.0	1.0	0.533	0.0	1.0	0.569	56.9	−47.5	−9.5	48.5	191	0.0	1.0	0.533			
189	183	192	0.0	1.0	0.55	56.7	−48.4	−8.2	49.1	189	0.0	1.0	0.472	56.4	−51.5	−2.6	51.7	183	0.0	1.0	0.55	0.0	1.0	0.58	56.9	−47.0	−10.2	48.3	192	0.0	1.0	0.55			
191	184	193	0.0	1.0	0.566	56.8	−47.7	−9.4	48.6	191	0.0	1.0	0.485	56.5	−50.9	−3.5	51.2	184	0.0	1.0	0.567	0.0	1.0	0.59	57.0	−46.6	−10.9	48.0	193	0.0	1.0	0.567			
192	185	194	0.0	1.0	0.583	56.9	−46.9	−10.5	48.1	192	0.0	1.0	0.498	56.6	−50.3	−4.3	50.6	185	0.0	1.0	0.583	0.0	1.0	0.6	57.0	−46.1	−11.6	47.7	194	0.0	1.0	0.583			
194	186	195	0.0	1.0	0.6	56.9	−46.2	−11.6	47.6	194	0.0	1.0	0.509	56.6	−49.9	−5.2	50.3	186	0.0	1.0	0.6	0.0	1.0	0.61	57.0	−45.7	−12.2	47.4	195	0.0	1.0	0.6			
195	187	195	0.0	1.0	0.616	57.0	−45.4	−12.7	47.1	195	0.0	1.0	0.52	56.7	−49.5	−6.0	50.0	187	0.0	1.0	0.617	0.0	1.0	0.62	57.1	−45.2	−12.9	47.1	195	0.0	1.0	0.617			
197	188	196	0.0	1.0	0.633	57.0	−44.8	−13.7	46.8	197	0.0	1.0	0.531	56.7	−49.1	−6.8	49.6	188	0.0	1.0	0.633	0.0	1.0	0.631	57.1	−44.8	−13.5	46.9	196	0.0	1.0	0.633			
198	189	197	0.0	1.0	0.65	57.0	−44.3	−14.7	46.7	198	0.0	1.0	0.543	56.8	−48.6	−7.6	49.3	189	0.0	1.0	0.65	0.0	1.0	0.643	57.1	−44.5	−14.2	46.8	197	0.0	1.0	0.65			
199	190	198	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199	0.0	1.0	0.554	56.8	−48.2	−8.4	49.0	190	0.0	1.0	0.667	0.0	1.0	0.655	57.1	−44.1	−14.9	46.7	198	0.0	1.0	0.667			
200	191	199	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200	0.0	1.0	0.565	56.9	−47.7	−9.2	48.7	191	0.0	1.0	0.683	0.0	1.0	0.666	57.0	−43.8	−15.6	46.6	199	0.0	1.0	0.683			
202	192	200	0.0	1.0	0.7	56.9	−42.9	−17.5	46.3	202	0.0	1.0	0.576	56.9	−47.2	−10.0	48.4	192	0.0	1.0	0.7	0.0	1.0	0.678	57.0	−43.5	−16.2	46.5	200	0.0	1.0	0.7			
203	193	201	0.0	1.0	0.716	56.9	−42.3	−18.4	46.2	203	0.0	1.0	0.587	56.9	−46.7	−10.7	48.0	193	0.0	1.0	0.717	0.0	1.0	0.69	57.0	−43.1	−16.9	46.4	201	0.0	1.0	0.717			
204	194	202	0.0	1.0	0.733	56.9	−41.8	−19.3	46.1	204	0.0	1.0	0.598	57.0	−46.2	−11.4	47.7	194	0.0	1.0	0.733	0.0	1.0	0.702	57.0	−42.8	−17.5	46.4	202	0.0	1.0	0.733			
206	195	203	0.0	1.0	0.75	56.9	−41.2	−20.2	45.9	206	0.0	1.0	0.609	57.0	−45.7	−12.2	47.4	195	0.0	1.0	0.75	0.0	1.0	0.714	57.0	−42.4	−18.2	46.3	203	0.0	1.0	0.75			
207	196	204	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207	0.0	1.0	0.62	57.1	−45.2	−12.9	47.1	196	0.0	1.0	0.767	0.0	1.0	0.726	57.0	−42.0	−18.8	46.2	204	0.0	1.0	0.767			
209	197	205	0.0	1.0	0.783	56.6	−40.5	−22.6	46.4	209	0.0	1.0	0.632	57.1	−44.7	−13.6	46.9	197	0.0	1.0	0.783	0.0	1.0	0.737	56.9	−41.6	−19.5	46.1	205	0.0	1.0	0.783			
210	198	206	0.0	1.0	0.8	56.4	−40.0	−23.8	46.6	210	0.0	1.0	0.645	57.1	−44.4	−14.4	46.8	198	0.0	1.0	0.8	0.0	1.0	0.749	56.9	−41.2	−20.1	46.0	206	0.0	1.0	0.8			
212	199	206	0.0	1.0	0.816	56.3	−39.6	−24.9	46.8	212	0.0	1.0	0.658	57.1	−44.1	−15.1	46.7	199	0.0	1.0	0.817	0.0	1.0	0.759	56.8	−41.0	−20.8	46.1	206	0.0	1.0	0.817			
213	200	207	0.0	1.0	0.833	56.1	−39.1	−26.1	47.0	213	0.0	1.0	0.671	57.0	−43.7	−15.8	46.6	200	0.0	1.0	0.833	0.0	1.0	0.769	56.8	−40.8	−21.5	46.2	207	0.0	1.0	0.833			
215	201	208	0.0	1.0	0.85	56.0	−38.5	−27.3	47.2	215	0.0	1.0	0.684	57.0	−43.3	−16.6	46.5	201	0.0	1.0	0.85	0.0	1.0	0.779	56.7	−40.5	−22.2	46.4	208	0.0	1.0	0.85			
216	202	209	0.0	1.0	0.866	55.9	−38.0	−28.4	47.5	216	0.0	1.0	0.697	57.0	−42.9	−17.3	46.4	202	0.0	1.0	0.867	0.0	1.0	0.789	56.6	−40.3	−22.9	46.5	209	0.0	1.0	0.867			
218	203	210	0.0	1.0	0.883	55.6	−37.5	−29.8	47.9	218	0.0	1.0	0.71	57.0	−42.5	−18.0	46.3	203	0.0	1.0	0.883	0.0	1.0	0.799	56.5	−40.0	−23.6	46.6	210	0.0	1.0	0.883			
220	204	211	0.0	1.0	0.9	55.2	−37.0	−31.3	48.5	220	0.0	1.0	0.723	57.0	−42.1	−18.7	46.2	204	0.0	1.0	0.9	0.0	1.0	0.809	56.4	−39.8	−24.3	46.7	211	0.0	1.0	0.9			
221	205	212	0.0	1.0	0.916	54.8	−36.5	−32.8	49.1	221	0.0	1.0	0.736	56.9	−41.7	−19.4	46.1	205	0.0	1.0	0.917	0.0	1.0	0.819	56.3	−39.5	−25.0	46.9	212	0.0	1.0	0.917			
223	206	213	0.0	1.0	0.933	54.5	−35.9	−34.3	49.7	223	0.0	1.0	0.749	56.9	−41.2	−20.1	46.0	206	0.0	1.0	0.933	0.0	1.0	0.829	56.2	−39.2	−25.7	47.0	213	0.0	1.0	0.933			
225	207	214	0.0	1.0	0.95	54.1	−35.2	−35.9	50.3	225	0.0	1.0	0.76	56.8	−41.0	−20.8	46.1	207	0.0	1.0	0.95	0.0	1.0	0.839	56.1	−38.9	−26.4	47.1	214	0.0	1.0	0.95			
227	208	215	0.0	1.0	0.966	53.7	−34.5	−37.4	50.9	227	0.0	1.0	0.771	56.7	−40.7	−21.6	46.2	208	0.0	1.0	0.967	0.0	1.0	0.848	56.1	−38.5	−27.1	47.3	215	0.0	1.0	0.967			
229	209	216	0.0	1.0	0.983	53.4	−33.8	−38.9	51.5	229	0.0	1.0	0.782	56.6	−40.5	−22.4	46.4	209	0.0	1.0	0.983	0.0	1.0	0.858	56.0	−38.2	−27.8	47.4	216	0.0	1.0	0.983			
230	210	216	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230 C_d	0.0	1.0	0.792	56.6	−40.2	−23.2	46.5	210 C_s	0.0	1.0	1.0	0.0	1.0	0.868	55.9	−37.9	−28.5	47.5	216 C_e	0.0	1.0	1.0			



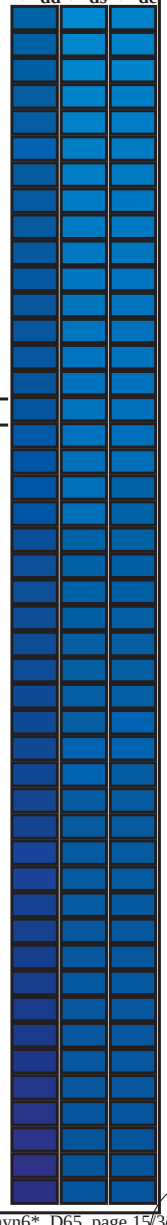
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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		
230	210	216	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230	C_d	0.0	1.0	0.792	56.6	−40.2	−23.2	46.5	210	C_s	0.0	1.0	1.0	0.0	1.0	0.868	55.9	−37.9	−28.5	47.5	216	C_e	0.0	1.0	1.0
231	211	217	0.0	0.983	1.0	52.9	−32.7	−40.8	52.3	231		0.0	1.0	0.803	56.5	−39.9	−23.9	46.7	211		0.0	0.983	1.0	0.0	1.0	0.878	55.8	−37.6	−29.2	47.7	217		0.0	0.983	1.0
231	212	218	0.0	0.966	1.0	52.9	−32.5	−41.2	52.4	231		0.0	1.0	0.814	56.4	−39.6	−24.7	46.8	212		0.0	0.967	1.0	0.0	1.0	0.886	55.6	−37.3	−30.0	48.0	218		0.0	0.967	1.0
232	213	219	0.0	0.95	1.0	52.8	−32.2	−41.6	52.6	232		0.0	1.0	0.825	56.3	−39.3	−25.5	47.0	213		0.0	0.95	1.0	0.0	1.0	0.895	55.4	−37.1	−30.8	48.4	219		0.0	0.95	1.0
232	214	220	0.0	0.933	1.0	52.7	−32.0	−42.0	52.8	232		0.0	1.0	0.836	56.2	−39.0	−26.2	47.1	214		0.0	0.933	1.0	0.0	1.0	0.904	55.2	−36.8	−31.6	48.7	220		0.0	0.933	1.0
233	215	221	0.0	0.916	1.0	52.7	−31.7	−42.4	52.9	233		0.0	1.0	0.847	56.1	−38.6	−27.0	47.2	215		0.0	0.917	1.0	0.0	1.0	0.912	55.0	−36.6	−32.4	49.0	221		0.0	0.917	1.0
233	216	222	0.0	0.9	1.0	52.6	−31.5	−42.8	53.1	233		0.0	1.0	0.858	56.0	−38.2	−27.8	47.4	216		0.0	0.9	1.0	0.0	1.0	0.921	54.8	−36.3	−33.2	49.3	222		0.0	0.9	1.0
234	217	223	0.0	0.883	1.0	52.5	−31.2	−43.1	53.3	234		0.0	1.0	0.869	55.9	−37.9	−28.5	47.5	217		0.0	0.883	1.0	0.0	1.0	0.93	54.6	−36.0	−34.0	49.6	223		0.0	0.883	1.0
234	218	224	0.0	0.866	1.0	52.5	−30.8	−43.6	53.5	234		0.0	1.0	0.879	55.7	−37.5	−29.3	47.8	218		0.0	0.867	1.0	0.0	1.0	0.938	54.4	−35.6	−34.8	49.9	224		0.0	0.867	1.0
235	219	225	0.0	0.85	1.0	52.5	−30.3	−44.2	53.6	235		0.0	1.0	0.888	55.5	−37.3	−30.2	48.1	219		0.0	0.85	1.0	0.0	1.0	0.947	54.2	−35.3	−35.5	50.2	225		0.0	0.85	1.0
236	220	226	0.0	0.833	1.0	52.5	−29.8	−44.8	53.8	236		0.0	1.0	0.898	55.3	−37.0	−31.0	48.4	220		0.0	0.833	1.0	0.0	1.0	0.956	54.0	−34.9	−36.3	50.6	226		0.0	0.833	1.0
237	221	227	0.0	0.816	1.0	52.6	−29.2	−45.4	54.0	237		0.0	1.0	0.907	55.1	−36.7	−31.9	48.8	221		0.0	0.817	1.0	0.0	1.0	0.964	53.8	−34.6	−37.1	50.9	227		0.0	0.817	1.0
237	222	227	0.0	0.8	1.0	52.6	−28.7	−45.9	54.2	237		0.0	1.0	0.917	54.9	−36.4	−32.8	49.1	222		0.0	0.8	1.0	0.0	1.0	0.973	53.6	−34.2	−37.9	51.2	227		0.0	0.8	1.0
238	223	228	0.0	0.783	1.0	52.6	−28.1	−46.5	54.3	238		0.0	1.0	0.926	54.7	−36.1	−33.6	49.5	223		0.0	0.783	1.0	0.0	1.0	0.982	53.4	−33.8	−38.7	51.5	228		0.0	0.783	1.0
239	224	229	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239		0.0	1.0	0.936	54.5	−35.7	−34.5	49.8	224		0.0	0.767	1.0	0.0	1.0	0.99	53.2	−33.4	−39.4	51.8	229		0.0	0.767	1.0
240	225	230	0.0	0.75	1.0	52.6	−27.0	−47.6	54.7	240		0.0	1.0	0.945	54.3	−35.4	−35.4	50.2	225		0.0	0.75	1.0	0.0	1.0	0.999	53.1	−32.9	−40.2	52.1	230		0.0	0.75	1.0
241	226	231	0.0	0.733	1.0	52.3	−26.1	−48.0	54.6	241		0.0	1.0	0.955	54.0	−35.0	−36.2	50.5	226		0.0	0.733	1.0	0.0	0.972	1.0	52.9	−32.5	−41.0	52.4	231		0.0	0.733	1.0
242	227	232	0.0	0.716	1.0	51.9	−25.2	−48.3	54.5	242		0.0	1.0	0.964	53.8	−34.6	−37.1	50.9	227		0.0	0.717	1.0	0.0	0.94	1.0	52.8	−32.0	−41.8	52.8	232		0.0	0.717	1.0
243	228	233	0.0	0.7	1.0	51.6	−24.3	−48.7	54.4	243		0.0	1.0	0.974	53.6	−34.2	−38.0	51.2	228		0.0	0.7	1.0	0.0	0.907	1.0	52.7	−31.5	−42.5	53.1	233		0.0	0.7	1.0
244	229	234	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244		0.0	1.0	0.983	53.4	−33.7	−38.8	51.5	229		0.0	0.683	1.0	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234		0.0	0.683	1.0
245	230	235	0.0	0.666	1.0	50.9	−22.4	−49.3	54.2	245		0.0	1.0	0.993	53.2	−33.3	−39.7	51.9	230		0.0	0.667	1.0	0.0	0.857	1.0	52.6	−30.5	−43.9	53.6	235		0.0	0.667	1.0
246	231	236	0.0	0.65	1.0	50.5	−21.5	−49.6	54.1	246		0.0	0.992	1.0	53.0	−32.8	−40.5	52.2	231		0.0	0.65	1.0	0.0	0.838	1.0	52.6	−29.9	−44.6	53.8	236		0.0	0.65	1.0
247	232	237	0.0	0.633	1.0	50.1	−20.6	−49.9	54.0	247		0.0	0.957	1.0	52.9	−32.3	−41.3	52.6	232		0.0	0.633	1.0	0.0	0.819	1.0	52.6	−29.3	−45.2	54.0	237		0.0	0.633	1.0
248	233	237	0.0	0.616	1.0	49.7	−19.6	−50.1	53.8	248		0.0	0.922	1.0	52.7	−31.8	−42.2	52.9	233		0.0	0.617	1.0	0.0	0.8	1.0	52.6	−28.7	−45.9	54.2	237		0.0	0.617	1.0
249	234	238	0.0	0.6	1.0	49.1	−18.7	−50.2	53.5	249		0.0	0.887	1.0	52.6	−31.2	−43.0	53.3	234		0.0	0.6	1.0	0.0	0.782	1.0	52.7	−28.0	−46.5	54.4	238		0.0	0.6	1.0
250	235	239	0.0	0.583	1.0	48.5	−17.7	−50.2	53.3	250		0.0	0.861	1.0	52.6	−30.6	−43.8	53.6	235		0.0	0.583	1.0	0.0	0.763	1.0	52.7	−27.4	−47.1	54.6	239		0.0	0.583	1.0
251	236	240	0.0	0.566	1.0	47.9	−16.8	−50.3	53.0	251		0.0	0.841	1.0	52.6	−30.0	−44.5	53.8	236		0.0	0.567	1.0	0.0	0.745	1.0	52.6	−26.7	−47.6	54.7	240		0.0	0.567	1.0
252	237	241	0.0	0.55	1.0	47.4	−15.8	−50.3	52.7	252		0.0	0.82	1.0	52.6	−29.3	−45.2	54.0	237		0.0	0.55	1.0	0.0	0.73	1.0	52.3	−25.9	−48.0	54.6	241		0.0	0.55	1.0
253	238	242	0.0	0.533	1.0	46.8	−14.9	−50.3	52.5	253		0.0	0.8	1.0	52.6	−28.6	−45.9	54.2	238		0.0	0.533	1.0	0.0	0.715	1.0	52.0	−25.1	−48.3	54.5	242		0.0	0.533	1.0
254	239	243	0.0	0.516	1.0	46.2	−13.9	−50.3	52.2	254		0.0	0.779	1.0	52.7	−27.9	−46.6	54.4	239		0.0	0.517	1.0	0.0	0.701	1.0	51.6	−24.2	−48.6	54.4	243		0.0	0.517	1.0
255	240	244	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255		0.0	0.759	1.0	52.7	−27.2	−47.2	54.7	240		0.0	0.5	1.0	0.0	0.686	1.0	51.3	−23.4	−48.9	54.4	244		0.0	0.5	1.0
256	241	245	0.0	0.483	1.0	45.1	−12.0	−50.2	51.6	256		0.0	0.741	1.0	52.5	−26.4	−47.7	54.7	241		0.0	0.483	1.0	0.0	0.671	1.0	51.0	−22.6	−49.2	54.3	245		0.0	0.483	1.0
257	242	246	0.0	0.466	1.0	44.6	−11.0	−50.2	51.4	257		0.0	0.724	1.0	52.1	−25.5	−48.1	54.6	242		0.0	0.467	1.0	0.0	0.656	1.0	50.7	−21.8	−49.5	54.2	246		0.0	0.467	1.0
258	243	247	0.0	0.45	1.0	44.0	−9.9	−50.1	51.1	258		0.0	0.708	1.0	51.8	−24.6	−48.5	54.5	243		0.0	0.45	1.0	0.0	0.641	1.0	50.4	−20.9	−49.7	54.1	247		0.0	0.45	1.0
259	244	248	0.0	0.433	1.0	43.5	−9.0	−50.0	50.8	259		0.0	0.691	1.0	51.4	−23.7	−48.8	54.4	244		0.0	0.433	1.0	0.0	0.626	1.0	50.0	−20.1	−50.0	54.0	248		0.0	0.433	1.0
260	245	248	0.0	0.416	1.0	43.0	−8.0	−49.9	50.5	260		0.0	0.675	1.0	51.1	−22.8	−49.1	54.3	245		0.0	0.417	1.0	0.0	0.61	1.0	49.5	−19.2	−50.1	53.7	248		0.0	0.417	1.0
261	246	249	0.0	0.4	1.0	42.4	−7.0	−49.7	50.2	261		0.0	0.659	1.0	50.7	−21.9	−49.4	54.2	246		0.0	0.4	1.0	0.0	0.595	1.0	49.0	−18.3	−50.1	53.5	249		0.0	0.4	1.0
263	247	250	0.0	0.383	1.0	41.9	−6.0	−49.6	49.9	263		0.0	0.642	1.0	50.4	−21.0	−49.7	54.1	247		0.0	0.383	1.0	0.0	0.58	1.0	48.4	−17.5	−50.2	53.3	250		0.0	0.383	1.0
264	248	251	0.0	0.366	1.0	41.3	−4.9	−49.5	49.8	264		0.0	0.626	1.0	50.0	−20.1	−50.0	54.0	248		0.0	0.367	1.0	0.0	0.564	1.0	47.9	−16.6	−50.2	53.0	251		0.0	0.367	1.0
265	249	252	0.0	0.35	1.0	40.5	−3.6	−49.6	49.8	265		0.0	0.609	1.0	49.5	−19.2	−50.1	53.7	249		0.0	0.35	1.0	0.0	0.549	1.0	47.4	−15.7	−50.2	52.8	252		0.0	0.35	1.0
267	250	253	0.0	0.333	1.0	39.8	−2.2	−49.7	49.7	267		0.0	0.592	1.0	48.9	−18.2	−50.1	53.5	250		0.0	0.333	1.0	0.0	0.534	1.0	46.9	−14.8	−50.2	52.5	253		0.0	0.333	1.0
268	251	254	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268		0.0	0.575	1.0	48.3	−17.2	−50.2	53.2	251		0.0	0.317	1.0	0.0	0.518	1.0	46.3	−14.0	−50.2	52.3	254		0.0	0.317	1.0
270	252	255	0.0	0.3	1.0	38.2	0.3	−49.7	49.7	270		0.0	0.559	1.0	47.7	−16.3	−50.2	52.9	252		0.0	0.3	1.0	0.0	0.503	1.0	45.8	−13.1	−50.2	52.0	255		0.0	0.3	1.0
271	253	256	0.0	0.283	1.0	37.5	1.6	−49.6	49.6	271		0.0	0.542	1.0	47.1	−15.3	−50.2	52.6	253		0.0	0.283	1.0	0.0	0.489	1.0	45.3	−12.2	−50.2	51.8	256		0.0	0.283	1.0
273	254	257	0.0	0.266	1.0	36.7	2.9	−49.5	49.6	273		0.0	0.525	1.0	46.6	−14.3	−50.2	52.4	254		0.0	0.267	1.0	0.0	0.474	1.0	44.9	−11.4	−50.1	51.5	257		0.0	0.267	1.0
274	255	258	0.0	0.25	1.0	36.0	4.2	−49.4	49.6	274		0.0	0.508	1.0	46.0	−13.4	−50.2	52.1	255		0.0	0.25	1.0	0.0	0.46	1.0	44.4	−10.5	−50.1	51.3	258		0.0	0.25	1.0

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

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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		
274	255	258	0.0	0.25	1.0	36.0	4.2	−49.4	49.6	274	0.0	0.508	1.0	46.0	−13.4	−50.2	52.1	255	0.0	0.25	1.0	0.0	0.46	1.0	44.4	−10.5	−50.1	51.3	258	0.0	0.25	1.0
276	256	258	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276	0.0	0.492	1.0	45.4	−12.4	−50.2	51.8	256	0.0	0.233	1.0	0.0	0.446	1.0	44.0	−9.7	−50.0	51.1	258	0.0	0.233	1.0
278	257	259	0.0	0.216	1.0	35.6	7.0	−48.6	49.2	278	0.0	0.477	1.0	44.9	−11.5	−50.2	51.6	257	0.0	0.217	1.0	0.0	0.432	1.0	43.5	−8.8	−49.9	50.8	259	0.0	0.217	1.0
279	258	260	0.0	0.2	1.0	35.4	8.4	−48.2	48.9	279	0.0	0.461	1.0	44.5	−10.6	−50.1	51.3	258	0.0	0.2	1.0	0.0	0.418	1.0	43.1	−8.0	−49.8	50.6	260	0.0	0.2	1.0
281	259	261	0.0	0.183	1.0	35.2	9.8	−47.7	48.7	281	0.0	0.446	1.0	44.0	−9.6	−50.0	51.1	259	0.0	0.183	1.0	0.0	0.404	1.0	42.6	−7.2	−49.7	50.3	261	0.0	0.183	1.0
283	260	262	0.0	0.166	1.0	35.0	11.1	−47.2	48.5	283	0.0	0.43	1.0	43.5	−8.7	−49.9	50.8	260	0.0	0.167	1.0	0.0	0.39	1.0	42.2	−6.3	−49.6	50.1	262	0.0	0.167	1.0
284	261	263	0.0	0.15	1.0	34.8	12.4	−46.7	48.3	284	0.0	0.415	1.0	43.0	−7.8	−49.8	50.5	261	0.0	0.15	1.0	0.0	0.376	1.0	41.7	−5.5	−49.5	49.9	263	0.0	0.15	1.0
286	262	264	0.0	0.133	1.0	34.7	13.7	−46.1	48.1	286	0.0	0.399	1.0	42.5	−6.9	−49.7	50.3	262	0.0	0.133	1.0	0.0	0.366	1.0	41.3	−4.7	−49.5	49.8	264	0.0	0.133	1.0
288	263	265	0.0	0.116	1.0	34.4	15.1	−45.7	48.1	288	0.0	0.384	1.0	42.0	−6.0	−49.5	50.0	263	0.0	0.117	1.0	0.0	0.356	1.0	40.8	−3.9	−49.6	49.8	265	0.0	0.117	1.0
289	264	266	0.0	0.1	1.0	34.0	16.4	−45.5	48.4	289	0.0	0.37	1.0	41.5	−5.1	−49.5	49.8	264	0.0	0.1	1.0	0.0	0.345	1.0	40.4	−3.1	−49.6	49.8	266	0.0	0.1	1.0
291	265	267	0.0	0.083	1.0	33.6	17.8	−45.2	48.6	291	0.0	0.359	1.0	41.0	−4.2	−49.5	49.8	265	0.0	0.083	1.0	0.0	0.335	1.0	39.9	−2.4	−49.6	49.8	267	0.0	0.083	1.0
293	266	268	0.0	0.066	1.0	33.3	19.2	−44.9	48.9	293	0.0	0.348	1.0	40.5	−3.4	−49.6	49.8	266	0.0	0.067	1.0	0.0	0.325	1.0	39.4	−1.6	−49.6	49.8	268	0.0	0.067	1.0
294	267	269	0.0	0.049	1.0	32.9	20.5	−44.6	49.1	294	0.0	0.337	1.0	40.0	−2.5	−49.6	49.8	267	0.0	0.05	1.0	0.0	0.315	1.0	39.0	−0.8	−49.6	49.7	269	0.0	0.05	1.0
296	268	269	0.0	0.033	1.0	32.5	21.9	−44.2	49.4	296	0.0	0.326	1.0	39.5	−1.6	−49.6	49.8	268	0.0	0.033	1.0	0.0	0.305	1.0	38.5	0.0	−49.6	49.7	269	0.0	0.033	1.0
297	269	270	0.0	0.016	1.0	32.2	23.3	−43.8	49.6	297	0.0	0.315	1.0	39.0	−0.8	−49.6	49.7	269	0.0	0.017	1.0	0.0	0.295	1.0	38.1	0.7	−49.6	49.7	270	0.0	0.017	1.0
299	270	271	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299	B_d	0.0	0.304	1.0	38.5	0.0	−49.6	49.7	270	B_s	0.0	0.0	1.0	0.0	0.285	1.0	37.6	1.5	−49.6	49.7	271	B_e	0.0	0.0	1.0
300	271	272	0.016	0.0	1.0	31.7	25.5	−43.0	50.1	300	0.0	0.293	1.0	38.0	0.9	−49.6	49.7	271	0.017	0.0	1.0	0.0	0.275	1.0	37.1	2.3	−49.5	49.7	272	0.017	0.0	1.0
301	272	273	0.033	0.0	1.0	31.6	26.5	−42.7	50.3	301	0.0	0.282	1.0	37.5	1.7	−49.6	49.7	272	0.033	0.0	1.0	0.0	0.264	1.0	36.7	3.1	−49.4	49.6	273	0.033	0.0	1.0
302	273	274	0.05	0.0	1.0	31.6	27.4	−42.4	50.5	302	0.0	0.271	1.0	37.0	2.6	−49.5	49.7	273	0.05	0.0	1.0	0.0	0.254	1.0	36.2	4.0	−49.4	49.6	274	0.05	0.0	1.0
303	274	275	0.066	0.0	1.0	31.5	28.3	−42.0	50.7	303	0.0	0.26	1.0	36.5	3.5	−49.4	49.6	274	0.067	0.0	1.0	0.0	0.244	1.0	36.0	4.8	−49.2	49.5	275	0.067	0.0	1.0
305	275	276	0.083	0.0	1.0	31.4	29.2	−41.6	50.9	305	0.0	0.249	1.0	36.0	4.3	−49.3	49.6	275	0.083	0.0	1.0	0.0	0.234	1.0	35.9	5.6	−49.0	49.4	276	0.083	0.0	1.0
306	276	277	0.1	0.0	1.0	31.3	30.1	−41.2	51.1	306	0.0	0.239	1.0	35.9	5.2	−49.1	49.5	276	0.1	0.0	1.0	0.0	0.225	1.0	35.8	6.4	−48.8	49.3	277	0.1	0.0	1.0
307	277	278	0.116	0.0	1.0	31.3	31.0	−40.8	51.3	307	0.0	0.229	1.0	35.8	6.0	−48.9	49.4	277	0.117	0.0	1.0	0.0	0.216	1.0	35.6	7.2	−48.6	49.2	278	0.117	0.0	1.0
308	278	279	0.133	0.0	1.0	31.2	32.0	−40.3	51.5	308	0.0	0.219	1.0	35.7	6.9	−48.7	49.2	278	0.133	0.0	1.0	0.0	0.206	1.0	35.5	7.9	−48.3	49.1	279	0.133	0.0	1.0
309	279	280	0.15	0.0	1.0	31.2	33.0	−39.8	51.7	309	0.0	0.209	1.0	35.6	7.7	−48.4	49.1	279	0.15	0.0	1.0	0.0	0.197	1.0	35.4	8.7	−48.1	48.9	280	0.15	0.0	1.0
310	280	281	0.166	0.0	1.0	31.2	34.1	−39.2	51.9	310	0.0	0.199	1.0	35.5	8.5	−48.1	49.0	280	0.167	0.0	1.0	0.0	0.187	1.0	35.3	9.5	−47.8	48.8	281	0.167	0.0	1.0
312	281	282	0.183	0.0	1.0	31.2	35.1	−38.6	52.2	312	0.0	0.189	1.0	35.3	9.3	−47.9	48.9	281	0.183	0.0	1.0	0.0	0.178	1.0	35.2	10.3	−47.5	48.7	282	0.183	0.0	1.0
313	282	283	0.2	0.0	1.0	31.2	36.1	−38.0	52.4	313	0.0	0.18	1.0	35.2	10.1	−47.6	48.7	282	0.2	0.0	1.0	0.0	0.168	1.0	35.1	11.0	−47.2	48.6	283	0.2	0.0	1.0
314	283	284	0.216	0.0	1.0	31.2	37.1	−37.3	52.6	314	0.0	0.17	1.0	35.1	10.9	−47.3	48.6	283	0.217	0.0	1.0	0.0	0.159	1.0	35.0	11.8	−46.9	48.5	284	0.217	0.0	1.0
316	284	285	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316	0.0	0.16	1.0	35.0	11.7	−46.9	48.5	284	0.233	0.0	1.0	0.0	0.15	1.0	34.9	12.5	−46.6	48.4	285	0.233	0.0	1.0
317	285	285	0.25	0.0	1.0	31.2	39.0	−35.9	53.1	317	0.0	0.15	1.0	34.9	12.5	−46.6	48.4	285	0.25	0.0	1.0	0.0	0.14	1.0	34.8	13.3	−46.3	48.2	285	0.25	0.0	1.0
318	286	286	0.266	0.0	1.0	31.5	39.9	−35.5	53.4	318	0.0	0.14	1.0	34.8	13.3	−46.3	48.2	286	0.267	0.0	1.0	0.0	0.131	1.0	34.7	14.0	−45.9	48.1	286	0.267	0.0	1.0
319	287	287	0.283	0.0	1.0	31.8	40.8	−35.0	53.8	319	0.0	0.13	1.0	34.7	14.1	−45.9	48.1	287	0.283	0.0	1.0	0.0	0.121	1.0	34.5	14.7	−45.7	48.1	287	0.283	0.0	1.0
320	288	288	0.3	0.0	1.0	32.1	41.7	−34.5	54.1	320	0.0	0.12	1.0	34.5	14.9	−45.7	48.1	288	0.3	0.0	1.0	0.0	0.111	1.0	34.3	15.5	−45.6	48.2	288	0.3	0.0	1.0
321	289	289	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321	0.0	0.109	1.0	34.3	15.7	−45.5	48.3	289	0.317	0.0	1.0	0.0	0.102	1.0	34.1	16.3	−45.4	48.4	289	0.317	0.0	1.0
322	290	290	0.333	0.0	1.0	32.7	43.4	−33.5	54.9	322	0.0	0.099	1.0	34.0	16.6	−45.4	48.4	290	0.333	0.0	1.0	0.0	0.092	1.0	33.9	17.2	−45.3	48.5	290	0.333	0.0	1.0
323	291	291	0.35	0.0	1.0	33.0	44.3	−32.9	55.2	323	0.0	0.089	1.0	33.8	17.4	−45.3	48.6	291	0.35	0.0	1.0	0.0	0.082	1.0	33.7	18.0	−45.1	48.7	291	0.35	0.0	1.0
324	292	292	0.366	0.0	1.0	33.3	45.2	−32.4	55.6	324	0.0	0.078	1.0	33.6	18.3	−45.1	48.7	292	0.367	0.0	1.0	0.0	0.072	1.0	33.4	18.8	−45.0	48.8	292	0.367	0.0	1.0
325	293	293	0.383	0.0	1.0	33.6	45.9	−31.9	55.9	325	0.0	0.068	1.0	33.3	19.1	−44.9	48.9	293	0.383	0.0	1.0	0.0	0.063	1.0	33.2	19.6	−44.8	49.0	293	0.383	0.0	1.0
325	294	294	0.4	0.0	1.0	33.9	46.5	−31.5	56.2	325	0.0	0.058	1.0	33.1	19.9	−44.7	49.0	294	0.4	0.0	1.0	0.0	0.053	1.0	33.0	20.4	−44.6	49.1	294	0.4	0.0	1.0
326	295	295	0.416	0.0	1.0	34.2	47.1	−31.1	56.4	326	0.0	0.048	1.0	32.9	20.8	−44.5	49.2	295	0.417	0.0	1.0	0.0	0.043	1.0	32.8	21.2	−44.4	49.3	295	0.417	0.0	1.0
327	296	296	0.433	0.0	1.0	34.6	47.7	−30.7	56.7	327	0.0	0.037	1.0	32.7	21.6	−44.3	49.3	296	0.433	0.0	1.0	0.0	0.033	1.0	32.6	22.0	−44.2	49.4	296	0.433	0.0	1.0
327	297	297	0.45	0.0	1.0	34.9	48.2	−30.3	57.0	327	0.0	0.027	1.0	32.4	22.5	−44.0	49.5	297	0.45	0.0	1.0	0.0	0.024	1.0	32.4	22.7	−43.9	49.6	297	0.45	0.0	1.0
328	298	298	0.466	0.0	1.0	35.2	48.8	−29.8	57.2	328	0.0	0.017	1.0	32.2	23.3	−43.7	49.7	298	0.467	0.0	1.0	0.0	0.014	1.0	32.1	23.5	−43.7	49.7	298	0.467	0.0	1.0
329	299	299	0.483	0.0	1.0	35.6	49.4	−29.4	57.5	329	0.0	0.006	1.0	32.0	24.1	−43.5	49.8	299	0.483	0.0	1.0	0.0	0.004	1.0	31.9	24.3	−43.4	49.8	299	0.483	0.0	1.0
329	300	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329	0.006	0.0	1.0	31.8	25.0	−43.2	50.0	300	0.5	0.0	1.0	0.009	0.0	1.0	31.8	25.1	−43.1	50.0	300	0.5	0.0	1.0

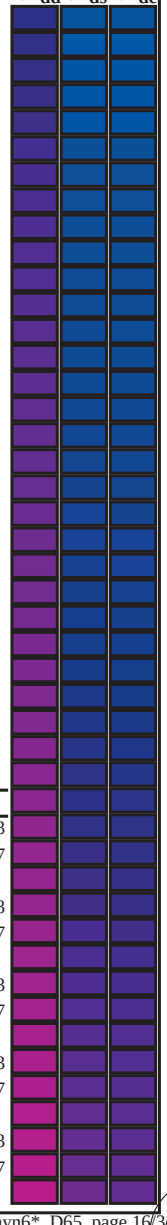


TUB-test chart RE63; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

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

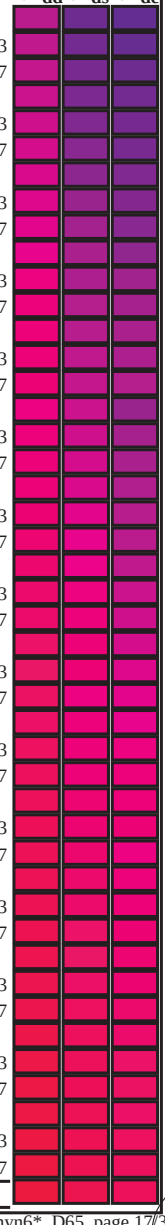
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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*
329	300	300	0.5 0.0 1.0	35.9 50.0 −28.9 57.8 329	0.006 0.0 1.0	31.8 25.0 −43.2 50.0 300	0.5 0.0 1.0	0.009 0.0 1.0	31.8 25.1 −43.1 50.0 300	0.5 0.0 1.0
330	301	301	0.516 0.0 1.0	36.3 50.7 −28.4 58.1 330	0.021 0.0 1.0	31.7 25.8 −42.9 50.2 301	0.517 0.0 1.0	0.023 0.0 1.0	31.7 25.9 −42.9 50.2 301	0.517 0.0 1.0
331	302	302	0.533 0.0 1.0	36.6 51.4 −27.8 58.5 331	0.036 0.0 1.0	31.7 26.7 −42.6 50.3 302	0.533 0.0 1.0	0.038 0.0 1.0	31.7 26.7 −42.6 50.4 302	0.533 0.0 1.0
332	303	303	0.55 0.0 1.0	37.0 52.2 −27.3 58.9 332	0.052 0.0 1.0	31.6 27.5 −42.3 50.5 303	0.55 0.0 1.0	0.052 0.0 1.0	31.6 27.5 −42.3 50.5 303	0.55 0.0 1.0
333	304	303	0.566 0.0 1.0	37.4 52.9 −26.7 59.3 333	0.067 0.0 1.0	31.5 28.4 −42.0 50.7 304	0.567 0.0 1.0	0.067 0.0 1.0	31.5 28.3 −42.0 50.7 303	0.567 0.0 1.0
334	305	304	0.583 0.0 1.0	37.8 53.6 −26.1 59.6 334	0.082 0.0 1.0	31.5 29.2 −41.6 50.9 305	0.583 0.0 1.0	0.081 0.0 1.0	31.5 29.1 −41.6 50.9 304	0.583 0.0 1.0
334	306	305	0.6 0.0 1.0	38.1 54.3 −25.5 60.0 334	0.098 0.0 1.0	31.4 30.0 −41.2 51.1 306	0.6 0.0 1.0	0.096 0.0 1.0	31.4 29.9 −41.3 51.1 305	0.6 0.0 1.0
335	307	306	0.616 0.0 1.0	38.5 55.0 −24.9 60.4 335	0.113 0.0 1.0	31.3 30.9 −40.9 51.3 307	0.617 0.0 1.0	0.11 0.0 1.0	31.3 30.7 −40.9 51.3 306	0.617 0.0 1.0
336	308	307	0.633 0.0 1.0	38.9 55.7 −24.2 60.8 336	0.128 0.0 1.0	31.3 31.7 −40.5 51.5 308	0.633 0.0 1.0	0.125 0.0 1.0	31.3 31.5 −40.6 51.4 307	0.633 0.0 1.0
337	309	308	0.65 0.0 1.0	39.3 56.4 −23.5 61.1 337	0.141 0.0 1.0	31.3 32.5 −40.0 51.6 309	0.65 0.0 1.0	0.137 0.0 1.0	31.3 32.3 −40.2 51.6 308	0.65 0.0 1.0
338	310	309	0.666 0.0 1.0	39.7 57.0 −22.8 61.4 338	0.154 0.0 1.0	31.3 33.3 −39.6 51.8 310	0.667 0.0 1.0	0.149 0.0 1.0	31.3 33.0 −39.8 51.8 309	0.667 0.0 1.0
339	311	310	0.683 0.0 1.0	40.1 57.7 −22.1 61.8 339	0.167 0.0 1.0	31.3 34.1 −39.1 52.0 311	0.683 0.0 1.0	0.162 0.0 1.0	31.3 33.8 −39.3 51.9 310	0.683 0.0 1.0
339	312	311	0.7 0.0 1.0	40.5 58.3 −21.4 62.1 339	0.18 0.0 1.0	31.3 34.9 −38.7 52.2 312	0.7 0.0 1.0	0.174 0.0 1.0	31.3 34.6 −38.9 52.1 311	0.7 0.0 1.0
340	313	312	0.716 0.0 1.0	40.9 58.9 −20.6 62.4 340	0.193 0.0 1.0	31.3 35.7 −38.2 52.3 313	0.717 0.0 1.0	0.186 0.0 1.0	31.3 35.3 −38.4 52.3 312	0.717 0.0 1.0
341	314	313	0.733 0.0 1.0	41.3 59.5 −19.9 62.8 341	0.206 0.0 1.0	31.3 36.5 −37.7 52.5 314	0.733 0.0 1.0	0.199 0.0 1.0	31.3 36.1 −38.0 52.4 313	0.733 0.0 1.0
342	315	314	0.75 0.0 1.0	41.7 60.2 −19.1 63.1 342	0.219 0.0 1.0	31.3 37.3 −37.2 52.7 315	0.75 0.0 1.0	0.211 0.0 1.0	31.3 36.8 −37.5 52.6 314	0.75 0.0 1.0
342	316	315	0.766 0.0 1.0	42.1 60.8 −18.7 63.6 342	0.232 0.0 1.0	31.3 38.0 −36.6 52.9 316	0.767 0.0 1.0	0.223 0.0 1.0	31.3 37.5 −37.0 52.8 315	0.767 0.0 1.0
343	317	316	0.783 0.0 1.0	42.4 61.4 −18.3 64.1 343	0.245 0.0 1.0	31.3 38.8 −36.1 53.1 317	0.783 0.0 1.0	0.236 0.0 1.0	31.3 38.3 −36.5 52.9 316	0.783 0.0 1.0
343	318	317	0.8 0.0 1.0	42.8 62.0 −17.9 64.6 343	0.26 0.0 1.0	31.4 39.6 −35.6 53.3 318	0.8 0.0 1.0	0.248 0.0 1.0	31.3 39.0 −35.9 53.1 317	0.8 0.0 1.0
344	319	318	0.816 0.0 1.0	43.2 62.7 −17.5 65.1 344	0.277 0.0 1.0	31.7 40.5 −35.1 53.7 319	0.817 0.0 1.0	0.263 0.0 1.0	31.5 39.8 −35.5 53.4 318	0.817 0.0 1.0
344	320	319	0.833 0.0 1.0	43.5 63.3 −17.1 65.6 344	0.294 0.0 1.0	32.0 41.4 −34.6 54.1 320	0.833 0.0 1.0	0.279 0.0 1.0	31.8 40.6 −35.1 53.7 319	0.833 0.0 1.0
345	321	320	0.85 0.0 1.0	43.9 63.9 −16.7 66.0 345	0.31 0.0 1.0	32.3 42.3 −34.1 54.4 321	0.85 0.0 1.0	0.295 0.0 1.0	32.1 41.5 −34.6 54.1 320	0.85 0.0 1.0
345	322	321	0.866 0.0 1.0	44.2 64.5 −16.2 66.5 345	0.327 0.0 1.0	32.6 43.2 −33.6 54.8 322	0.867 0.0 1.0	0.311 0.0 1.0	32.3 42.3 −34.1 54.4 321	0.867 0.0 1.0
346	323	321	0.883 0.0 1.0	44.6 65.2 −15.7 67.1 346	0.344 0.0 1.0	32.9 44.0 −33.1 55.1 323	0.883 0.0 1.0	0.327 0.0 1.0	32.6 43.1 −33.6 54.8 321	0.883 0.0 1.0
347	324	322	0.9 0.0 1.0	45.1 66.0 −15.0 67.7 347	0.361 0.0 1.0	33.2 44.9 −32.5 55.5 324	0.9 0.0 1.0	0.343 0.0 1.0	32.9 44.0 −33.1 55.1 322	0.9 0.0 1.0
347	325	323	0.916 0.0 1.0	45.5 66.7 −14.4 68.2 347	0.378 0.0 1.0	33.5 45.8 −31.9 55.9 325	0.917 0.0 1.0	0.358 0.0 1.0	33.2 44.8 −32.6 55.4 323	0.917 0.0 1.0
348	326	324	0.933 0.0 1.0	45.9 67.4 −13.7 68.8 348	0.403 0.0 1.0	34.0 46.6 −31.4 56.3 326	0.933 0.0 1.0	0.374 0.0 1.0	33.4 45.6 −32.0 55.8 324	0.933 0.0 1.0
349	327	325	0.95 0.0 1.0	46.4 68.2 −13.0 69.4 349	0.428 0.0 1.0	34.5 47.5 −30.8 56.7 327	0.95 0.0 1.0	0.397 0.0 1.0	33.9 46.4 −31.5 56.2 325	0.95 0.0 1.0
349	328	326	0.966 0.0 1.0	46.8 68.9 −12.3 70.0 349	0.453 0.0 1.0	35.0 48.4 −30.1 57.1 328	0.967 0.0 1.0	0.421 0.0 1.0	34.4 47.3 −30.9 56.5 326	0.967 0.0 1.0
350	329	327	0.983 0.0 1.0	47.2 69.6 −11.6 70.6 350	0.477 0.0 1.0	35.5 49.2 −29.5 57.5 329	0.983 0.0 1.0	0.444 0.0 1.0	34.8 48.1 −30.3 56.9 327	0.983 0.0 1.0
351	330	328	1.0 0.0 1.0	47.7 70.4 −10.9 71.2 351	M_d 0.502 0.0 1.0	36.0 50.1 −28.8 57.9 330	M_s 1.0 0.0 1.0	0.468 0.0 1.0	35.3 48.9 −29.7 57.3 328	M_e 1.0 0.0 1.0
351	331	329	1.0 0.0 0.983	47.6 70.3 −10.7 71.1 351	0.522 0.0 1.0	36.4 51.0 −28.2 58.3 331	1.0 0.0 0.983	0.491 0.0 1.0	35.8 49.7 −29.1 57.7 329	1.0 0.0 0.983
351	332	330	1.0 0.0 0.966	47.5 70.3 −10.4 71.0 351	0.542 0.0 1.0	36.9 51.9 −27.5 58.8 332	1.0 0.0 0.967	0.512 0.0 1.0	36.2 50.6 −28.5 58.1 330	1.0 0.0 0.967
351	333	331	1.0 0.0 0.95	47.5 70.2 −10.2 71.0 351	0.563 0.0 1.0	37.4 52.8 −26.8 59.2 333	1.0 0.0 0.95	0.531 0.0 1.0	36.7 51.4 −27.9 58.5 331	1.0 0.0 0.95
351	334	332	1.0 0.0 0.933	47.4 70.2 −10.0 70.9 351	0.583 0.0 1.0	37.8 53.6 −26.1 59.7 334	1.0 0.0 0.933	0.55 0.0 1.0	37.1 52.2 −27.2 59.0 332	1.0 0.0 0.933
352	335	333	1.0 0.0 0.916	47.3 70.1 −9.8 70.8 352	0.603 0.0 1.0	38.3 54.5 −25.3 60.1 335	1.0 0.0 0.917	0.57 0.0 1.0	37.5 53.1 −26.5 59.4 333	1.0 0.0 0.917
352	336	334	1.0 0.0 0.9	47.2 70.0 −9.5 70.7 352	0.623 0.0 1.0	38.7 55.4 −24.6 60.6 336	1.0 0.0 0.9	0.589 0.0 1.0	37.9 53.9 −25.8 59.8 334	1.0 0.0 0.9
352	337	335	1.0 0.0 0.883	47.2 70.0 −9.3 70.6 352	0.643 0.0 1.0	39.2 56.2 −23.7 61.0 337	1.0 0.0 0.883	0.608 0.0 1.0	38.4 54.7 −25.1 60.3 335	1.0 0.0 0.883
352	338	336	1.0 0.0 0.866	47.1 69.8 −8.8 70.4 352	0.663 0.0 1.0	39.7 56.9 −22.9 61.4 338	1.0 0.0 0.867	0.627 0.0 1.0	38.8 55.5 −24.4 60.7 336	1.0 0.0 0.867
353	339	337	1.0 0.0 0.85	46.9 69.6 −7.9 70.0 353	0.683 0.0 1.0	40.2 57.7 −22.1 61.8 339	1.0 0.0 0.85	0.646 0.0 1.0	39.3 56.3 −23.6 61.1 337	1.0 0.0 0.85
354	340	338	1.0 0.0 0.833	46.8 69.3 −7.1 69.6 354	0.703 0.0 1.0	40.6 58.5 −21.2 62.2 340	1.0 0.0 0.833	0.665 0.0 1.0	39.7 57.0 −22.8 61.4 338	1.0 0.0 0.833
354	341	339	1.0 0.0 0.816	46.7 69.0 −6.3 69.3 354	0.723 0.0 1.0	41.1 59.2 −20.3 62.6 341	1.0 0.0 0.817	0.684 0.0 1.0	40.2 57.7 −22.0 61.8 339	1.0 0.0 0.817
355	342	339	1.0 0.0 0.8	46.6 68.7 −5.5 68.9 355	0.743 0.0 1.0	41.6 59.9 −19.4 63.0 342	1.0 0.0 0.8	0.703 0.0 1.0	40.6 58.5 −21.2 62.2 339	1.0 0.0 0.8
356	343	340	1.0 0.0 0.783	46.4 68.3 −4.6 68.5 356	0.771 0.0 1.0	42.2 61.0 −18.6 63.8 343	1.0 0.0 0.783	0.721 0.0 1.0	41.1 59.2 −20.4 62.6 340	1.0 0.0 0.783
356	344	341	1.0 0.0 0.766	46.3 68.0 −3.8 68.1 356	0.805 0.0 1.0	42.9 62.3 −17.8 64.8 344	1.0 0.0 0.767	0.74 0.0 1.0	41.5 59.9 −19.5 63.0 341	1.0 0.0 0.767
357	345	342	1.0 0.0 0.75	46.2 67.7 −3.0 67.7 357	0.838 0.0 1.0	43.7 63.5 −16.9 65.7 345	1.0 0.0 0.75	0.765 0.0 1.0	42.1 60.8 −18.7 63.6 342	1.0 0.0 0.75



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*$_d$: $h_{ab,d}$ = 33.7, 99.8, 153.4, 230.8, 299.6, 351.2; 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
357	345	342	1.0	0.0	0.75	46.2	67.7	−3.0	67.7	357	0.838	0.0	1.0	43.7	63.5	−16.9	65.7	345	1.0	0.0	0.75	0.765	0.0	1.0	42.1	60.8	−18.7	63.6	342	1.0	0.0	0.75	
358	346	343	1.0	0.0	0.733	46.2	67.4	−2.0	67.4	358	0.871	0.0	1.0	44.4	64.7	−16.0	66.7	346	1.0	0.0	0.733	0.797	0.0	1.0	42.8	62.0	−17.9	64.5	343	1.0	0.0	0.733	
359	347	344	1.0	0.0	0.716	46.2	67.0	−0.9	67.0	359	0.897	0.0	1.0	45.0	65.9	−15.1	67.6	347	1.0	0.0	0.717	0.829	0.0	1.0	43.5	63.2	−17.2	65.5	344	1.0	0.0	0.717	
360	348	345	1.0	0.0	0.7	46.2	66.7	0.1	66.7	360	0.922	0.0	1.0	45.7	67.0	−14.1	68.5	348	1.0	0.0	0.7	0.86	0.0	1.0	44.1	64.3	−16.3	66.4	345	1.0	0.0	0.7	
361	349	346	1.0	0.0	0.683	46.2	66.3	1.1	66.3	361	0.946	0.0	1.0	46.3	68.1	−13.1	69.3	349	1.0	0.0	0.683	0.887	0.0	1.0	44.8	65.4	−15.5	67.3	346	1.0	0.0	0.683	
361	350	347	1.0	0.0	0.666	46.2	66.0	2.1	66.0	361	0.971	0.0	1.0	47.0	69.2	−12.1	70.2	350	1.0	0.0	0.667	0.911	0.0	1.0	45.4	66.5	−14.6	68.1	347	1.0	0.0	0.667	
362	351	348	1.0	0.0	0.65	46.2	65.6	3.2	65.6	362	0.996	0.0	1.0	47.6	70.2	−11.0	71.1	351	1.0	0.0	0.65	0.934	0.0	1.0	46.0	67.5	−13.6	68.9	348	1.0	0.0	0.65	
363	352	349	1.0	0.0	0.633	46.2	65.2	4.2	65.3	363	1.0	0.0	0.92	47.4	70.2	−9.8	70.9	352	1.0	0.0	0.633	0.958	0.0	1.0	46.6	68.6	−12.7	69.7	349	1.0	0.0	0.633	
364	353	350	1.0	0.0	0.616	46.2	64.8	5.2	65.0	364	1.0	0.0	0.861	47.1	69.8	−8.5	70.3	353	1.0	0.0	0.617	0.981	0.0	1.0	47.2	69.6	−11.7	70.6	350	1.0	0.0	0.617	
365	354	351	1.0	0.0	0.6	46.1	64.5	6.2	64.8	365	1.0	0.0	0.836	46.9	69.4	−7.2	69.7	354	1.0	0.0	0.6	1.0	0.0	0.982	47.6	70.4	−10.6	71.2	351	1.0	0.0	0.6	
366	355	352	1.0	0.0	0.583	46.1	64.2	7.2	64.6	366	1.0	0.0	0.811	46.7	68.9	−5.9	69.2	355	1.0	0.0	0.583	1.0	0.0	0.891	47.3	70.1	−9.4	70.7	352	1.0	0.0	0.583	
367	356	353	1.0	0.0	0.566	46.0	63.8	8.2	64.4	367	1.0	0.0	0.785	46.5	68.4	−4.7	68.6	356	1.0	0.0	0.567	1.0	0.0	0.855	47.0	69.7	−8.1	70.2	353	1.0	0.0	0.567	
368	357	354	1.0	0.0	0.55	46.0	63.5	9.2	64.1	368	1.0	0.0	0.76	46.3	67.9	−3.5	68.0	357	1.0	0.0	0.55	1.0	0.0	0.831	46.8	69.3	−6.9	69.6	354	1.0	0.0	0.55	
369	358	355	1.0	0.0	0.533	45.9	63.1	10.2	63.9	369	1.0	0.0	0.739	46.2	67.5	−2.3	67.6	358	1.0	0.0	0.533	1.0	0.0	0.807	46.7	68.8	−5.7	69.1	355	1.0	0.0	0.533	
370	359	356	1.0	0.0	0.516	45.9	62.7	11.2	63.7	370	1.0	0.0	0.72	46.2	67.2	−1.1	67.2	359	1.0	0.0	0.517	1.0	0.0	0.783	46.5	68.4	−4.6	68.5	356	1.0	0.0	0.517	
371	360	352	1.0	0.0	0.5	45.8	62.3	12.1	63.5	371	1.0	0.0	0.702	46.2	66.8	0.0	66.8	360	1.0	0.0	0.5	1.0	0.0	0.914	47.4	70.1	−9.7	70.8	352	1.0	0.0	0.5	
371	361	353	1.0	0.0	0.483	45.8	62.1	13.1	63.5	371	1.0	0.0	0.683	46.2	66.4	1.2	66.4	361	1.0	0.0	0.483	1.0	0.0	0.857	47.0	69.7	−8.2	70.2	353	1.0	0.0	0.483	
372	362	354	1.0	0.0	0.466	45.9	61.8	14.1	63.4	372	1.0	0.0	0.665	46.3	66.0	2.3	66.0	362	1.0	0.0	0.467	1.0	0.0	0.829	46.8	69.2	−6.8	69.6	354	1.0	0.0	0.467	
373	363	355	1.0	0.0	0.45	45.9	61.6	15.1	63.4	373	1.0	0.0	0.647	46.3	65.5	3.4	65.6	363	1.0	0.0	0.45	1.0	0.0	0.8	46.6	68.7	−5.4	68.9	355	1.0	0.0	0.45	
374	364	356	1.0	0.0	0.433	45.9	61.3	16.1	63.4	374	1.0	0.0	0.628	46.3	65.1	4.6	65.2	364	1.0	0.0	0.433	1.0	0.0	0.772	46.4	68.2	−4.0	68.3	356	1.0	0.0	0.433	
375	365	357	1.0	0.0	0.416	45.9	61.0	17.1	63.3	375	1.0	0.0	0.61	46.2	64.7	5.7	65.0	365	1.0	0.0	0.417	1.0	0.0	0.745	46.2	67.6	−2.7	67.7	357	1.0	0.0	0.417	
376	366	358	1.0	0.0	0.4	45.9	60.7	18.1	63.3	376	1.0	0.0	0.592	46.2	64.4	6.8	64.7	366	1.0	0.0	0.4	1.0	0.0	0.725	46.2	67.3	−1.4	67.3	358	1.0	0.0	0.4	
377	367	359	1.0	0.0	0.383	45.9	60.3	19.1	63.3	377	1.0	0.0	0.573	46.1	64.0	7.9	64.5	367	1.0	0.0	0.383	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359	1.0	0.0	0.383	
378	368	360	1.0	0.0	0.366	45.9	60.1	20.1	63.4	378	1.0	0.0	0.555	46.1	63.6	8.9	64.3	368	1.0	0.0	0.367	1.0	0.0	0.684	46.2	66.4	1.1	66.4	360	1.0	0.0	0.367	
379	369	362	1.0	0.0	0.35	46.0	60.0	21.2	63.7	379	1.0	0.0	0.537	46.0	63.2	10.0	64.0	369	1.0	0.0	0.35	1.0	0.0	0.663	46.3	65.9	2.4	66.0	362	1.0	0.0	0.35	
380	370	363	1.0	0.0	0.333	46.0	59.9	22.3	64.0	380	1.0	0.0	0.519	45.9	62.8	11.1	63.8	370	1.0	0.0	0.333	1.0	0.0	0.643	46.3	65.4	3.7	65.5	363	1.0	0.0	0.333	
381	371	364	1.0	0.0	0.316	46.0	59.8	23.4	64.3	381	1.0	0.0	0.501	45.9	62.4	12.1	63.6	371	1.0	0.0	0.317	1.0	0.0	0.622	46.3	65.0	4.9	65.1	364	1.0	0.0	0.317	
382	372	365	1.0	0.0	0.3	46.1	59.7	24.5	64.6	382	1.0	0.0	0.483	45.9	62.1	13.2	63.5	372	1.0	0.0	0.3	1.0	0.0	0.602	46.2	64.6	6.1	64.9	365	1.0	0.0	0.3	
383	373	366	1.0	0.0	0.283	46.1	59.5	25.7	64.8	383	1.0	0.0	0.465	45.9	61.9	14.3	63.5	373	1.0	0.0	0.283	1.0	0.0	0.582	46.1	64.2	7.4	64.6	366	1.0	0.0	0.283	
384	374	367	1.0	0.0	0.266	46.2	59.4	26.8	65.1	384	1.0	0.0	0.447	45.9	61.6	15.3	63.4	374	1.0	0.0	0.267	1.0	0.0	0.562	46.1	63.8	8.6	64.3	367	1.0	0.0	0.267	
385	375	368	1.0	0.0	0.25	46.2	59.2	27.9	65.4	385	1.0	0.0	0.429	45.9	61.3	16.4	63.4	375	1.0	0.0	0.25	1.0	0.0	0.541	46.0	63.3	9.8	64.1	368	1.0	0.0	0.25	
385	376	369	1.0	0.0	0.233	46.3	59.2	28.8	65.9	385	1.0	0.0	0.412	45.9	60.9	17.5	63.4	376	1.0	0.0	0.233	1.0	0.0	0.521	46.0	62.9	11.0	63.8	369	1.0	0.0	0.233	
386	377	370	1.0	0.0	0.216	46.3	59.3	29.7	66.3	386	1.0	0.0	0.394	46.0	60.6	18.5	63.3	377	1.0	0.0	0.217	1.0	0.0	0.501	45.9	62.4	12.1	63.6	370	1.0	0.0	0.217	
387	378	372	1.0	0.0	0.2	46.4	59.3	30.6	66.8	387	1.0	0.0	0.376	46.0	60.2	19.6	63.3	378	1.0	0.0	0.2	1.0	0.0	0.481	45.9	62.1	13.3	63.5	372	1.0	0.0	0.2	
388	379	373	1.0	0.0	0.183	46.4	59.3	31.6	67.2	388	1.0	0.0	0.359	46.0	60.1	20.7	63.6	379	1.0	0.0	0.183	1.0	0.0	0.461	45.9	61.8	14.5	63.5	373	1.0	0.0	0.183	
388	380	374	1.0	0.0	0.166	46.5	59.3	32.5	67.7	388	1.0	0.0	0.341	46.0	60.0	21.9	63.9	380	1.0	0.0	0.167	1.0	0.0	0.441	45.9	61.5	15.7	63.4	374	1.0	0.0	0.167	
389	381	375	1.0	0.0	0.15	46.5	59.3	33.4	68.1	389	1.0	0.0	0.324	46.1	59.9	23.0	64.2	381	1.0	0.0	0.15	1.0	0.0	0.421	45.9	61.1	16.9	63.4	375	1.0	0.0	0.15	
390	382	376	1.0	0.0	0.133	46.6	59.3	34.4	68.6	390	1.0	0.0	0.307	46.1	59.8	24.2	64.5	382	1.0	0.0	0.133	1.0	0.0	0.402	45.9	60.7	18.1	63.4	376	1.0	0.0	0.133	
390	383	377	1.0	0.0	0.116	46.6	59.4	35.2	69.0	390	1.0	0.0	0.289	46.2	59.6	25.3	64.8	383	1.0	0.0	0.117	1.0	0.0	0.382	46.0	60.3	19.2	63.3	377	1.0	0.0	0.117	
391	384	378	1.0	0.0	0.1	46.7	59.4	35.8	69.4	391	1.0	0.0	0.272	46.2	59.5	26.5	65.1	384	1.0	0.0	0.1	1.0	0.0	0.362	46.0	60.1	20.5	63.5	378	1.0	0.0	0.1	
391	385	379	1.0	0.0	0.083	46.7	59.5	36.5	69.8	391	1.0	0.0	0.255	46.2	59.3	27.6	65.4	385	1.0	0.0	0.083	1.0	0.0	0.343	46.0	60.0	21.7	63.9	379	1.0	0.0	0.083	
391	386	381	1.0	0.0	0.066	46.8	59.6	37.2	70.2	391	1.0	0.0	0.232	46.3	59.3	28.9	65.9	386	1.0	0.0	0.067	1.0	0.0	0.324	46.1	59.9	23.0	64.2	381	1.0	0.0	0.067	
392	387	382	1.0	0.0	0.049	46.8	59.6	37.8	70.6	392	1.0	0.0	0.208	46.4	59.3	30.2	66.6	387	1.0	0.0	0.05	1.0	0.0	0.304	46.1	59.8	24.3	64.5	382	1.0	0.0	0.05	
392	388	383	1.0	0.0	0.033	46.9	59.7	38.5	71.1	392	1.0	0.0	0.184	46.5	59.4	31.6	67.3	388	1.0	0.0	0.033	1.0	0.0	0.285	46.2	59.6	25.6	64.9	383	1.0	0.0	0.033	
393	389	384	1.0	0.0	0.016	46.9	59.7	39.2	71.5	393	1.0	0.0	0.16	46.5	59.4	32.9	67.9	389	1.0	0.0	0.017	1.0	0.0	0.266	46.2	59.4	26.9	65.2	384	1.0	0.0	0.017	
393	390	385	1.0	0.0	0.0	46.9	59.8	39.9	71.9	393 R_d	1.0	0.0	0.136	46.6	59.4	34.3	68.6	390 R_s	1.0	0.0	0.0	1.0	0.0	0.245	46.3	59.2	28.2	65.6	385 R_e	1.0	0.0	0.0	



TUB-test chart RE63; 1080 standard colours, *cf*=1
48 step hue circles; *rgb*−*LabCh**tables

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

n/j	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$				*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$				*DE'*$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$			
0/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4	1.0	0.0	0.246	46.2	60.8	26.3	66.2	23.4	2.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
1/657	R13Y_100_100$_{de}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.0	0.017	46.9	59.7	39.2	71.5	33.2	1.0	0.0	0.017	46.6	60.5	37.0	70.9	31.4	2.3	389	1.0	0.0	0.017	46.9	59.7	39.2	71.5	33.2
2/666	R25Y_100_100$_{de}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0	1.0	0.079	0.0	50.9	58.3	50.6	77.2	40.9	2.0	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
3/675	R38Y_100_100$_{de}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.175	0.0	55.8	48.5	57.8	75.4	49.9	1.0	0.174	0.0	57.1	45.7	57.7	73.6	51.5	3.0	39	1.0	0.175	0.0	55.8	48.5	57.8	75.4	49.9
4/684	R50Y_100_100$_{de}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8	1.0	0.267	0.0	62.8	34.5	63.0	71.9	61.2	3.6	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
5/693	R63Y_100_100$_{de}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.372	0.0	66.5	27.6	67.7	73.1	67.8	0.999	0.373	0.0	67.1	26.5	66.8	71.9	68.3	1.4	51	1.0	0.372	0.0	66.5	27.6	67.7	73.1	67.8
6/702	R75Y_100_100$_{de}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7	1.0	0.501	0.0	72.5	16.6	71.9	73.8	76.9	1.1	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
7/711	R88Y_100_100$_{de}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.657	0.0	77.8	7.4	77.6	77.9	84.5	1.0	0.657	0.0	77.7	7.3	77.9	78.2	84.5	0.3	70	1.0	0.657	0.0	77.8	7.4	77.6	77.9	84.5
8/720	Y00G_100_100$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3	0.983	0.781	0.018	84.0	−2.8	77.5	77.5	92.0	0.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
9/639	Y13G_100_100$_{de}$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.906	1.0	0.0	92.5	−16.7	90.7	92.2	100.4	0.909	1.0	0.0	92.4	−16.6	90.7	92.2	100.4	0.1	94	0.906	1.0	0.0	92.5	−16.7	90.7	92.2	100.4
10/558	Y25G_100_100$_{de}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6	0.673	1.0	0.0	84.9	−26.2	82.1	86.2	107.7	1.7	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
11/477	Y38G_100_100$_{de}$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.535	1.0	0.0	76.0	−36.0	67.9	76.9	117.9	0.536	1.0	0.0	76.2	−35.4	67.1	75.9	117.8	1.0	117	0.535	1.0	0.0	76.0	−36.0	67.9	76.9	117.9
12/396	Y50G_100_100$_{de}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2	0.381	1.0	0.0	69.8	−42.7	57.4	71.5	126.6	1.0	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
13/315	Y63G_100_100$_{de}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.286	1.0	0.0	64.2	−51.1	48.4	70.4	136.5	0.288	1.0	0.0	67.6	−46.0	53.3	70.5	130.7	7.8	133	0.286	1.0	0.0	64.2	−51.1	48.4	70.4	136.5
14/234	Y75G_100_100$_{de}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9	0.146	0.874	0.017	59.3	−58.2	40.8	71.1	144.9	1.5	141	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9
15/153	Y88G_100_100$_{de}$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.0	1.0	0.012	55.1	−64.6	31.4	71.9	154.0	0.054	0.868	0.041	56.2	−62.4	32.9	70.5	152.1	2.8	150	0.0	1.0	0.012	55.1	−64.6	31.4	71.9	154.0
16/72	G00C_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2	0.03	0.938	0.172	55.7	−60.1	19.2	63.1	162.2	2.9	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
17/73	G13C_100_100$_{de}$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.266	55.0	−59.2	11.9	60.4	168.6	0.033	0.931	0.274	56.2	−56.4	10.2	57.4	169.6	3.4	164	0.0	1.0	0.266	55.0	−59.2	11.9	60.4	168.6
18/74	G25C_100_100$_{de}$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.368	55.4	−55.8	4.8	56.0	175.0	0.046	0.862	0.341	55.4	−55.1	2.9	55.1	176.9	2.0	171	0.0	1.0	0.368	55.4	−55.8	4.8	56.0	175.0
19/75	G38C_100_100$_{de}$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.463	56.2	−52.0	−2.0	52.0	182.3	0.047	0.872	0.419	56.5	−50.4	−3.4	50.5	183.8	2.0	177	0.0	1.0	0.463	56.2	−52.0	−2.0	52.0	182.3
20/76	G50C_100_100$_{de}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6	0.048	0.873	0.483	57.8	−46.4	−8.8	47.2	190.7	2.3	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
21/77	G63C_100_100$_{de}$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.631	57.0	−44.8	−13.6	46.9	196.9	0.052	0.868	0.557	58.4	−42.8	−13.3	44.8	197.2	2.4	188	0.0	1.0	0.631	57.0	−44.8	−13.6	46.9	196.9
22/78	G75C_100_100$_{de}$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.725	56.9	−42.1	−18.9	46.1	204.2	0.04	0.914	0.662	57.6	−40.8	−19.3	45.1	205.3	1.4	194	0.0	1.0	0.725	56.9	−42.1	−18.9	46.1	204.2
23/79	G88C_100_100$_{de}$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.798	56.4	−40.1	−23.7	46.6	210.5	0.045	0.874	0.709	56.7	−38.4	−25.1	45.9	213.1	2.1	199	0.0	1.0	0.798	56.4	−40.1	−23.7	46.6	210.5
24/80	C00B_100_100$_{de}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9	0.043	0.874	0.776	55.6	−36.9	−30.5	47.9	219.5	2.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
25/71	C13B_100_100$_{de}$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	1.0	0.929	54.6	−36.0	−34.0	49.6	223.3	0.03	0.874	0.838	53.3	−35.0	−36.4	50.6	226.1	2.8	206	0.0	1.0	0.929	54.6	−36.0	−34.0	49.6	223.3
26/62	C25B_100_100$_{de}$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	1.0	0.99	53.2	−33.4	−39.5	51.8	229.7	0.014	0.865	0.903	52.4	−33.9	−39.4	52.0	229.2	0.9	209	0.0	1.0	0.99	53.2	−33.4	−39.5	51.8	229.7
27/53	C38B_100_100$_{de}$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.819	1.0	52.6	−29.3	−45.3	54.0	237.0	0.0	0.749	0.955	52.4	−27.1	−46.5	53.9	239.7	2.5	219	0.0	0.819	1.0	52.6	−29.3	−45.3	54.0	237.0
28/44	C50B_100_100$_{de}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3	0.0	0.685	1.0	51.5	−22.0	−49.8	54.5	246.1	1.7	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
29/35	C63B_100_100$_{de}$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.564	1.0	47.9	−16.6	−50.3	53.0	251.6	0.0	0.566	1.0	48.5	−16.8	−49.8	52.6	251.3	0.7	235	0.0	0.564	1.0	47.9	−16.6	−50.3	53.0	251.6
30/26	C75B_100_100$_{de}$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.446	1.0	43.9	−9.7	−50.1	51.0	258.9	0.0	0.403	0.874	43.7	−8.9	−49.7	50.5	259.8	0.9	243	0.0	0.446	1.0	43.9	−9.7	−50.1	51.0	258.9
31/17	C88B_100_100$_{de}$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.355	1.0	40.8	−4.0	−49.6	49.8	265.3	0.0	0.338	0.874	40.7	−4.0	−48.7	48.9	265.2	0.9	249	0.0	0.355	1.0	40.8	−4.0	−49.6	49.8	265.3
32/8	B00M_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7	0.0	0.286	0.874	39.1	−1.8	−48.5	48.6	267.8	3.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
33/89	B13M_100_100$_{de}$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.215	1.0	35.6	7.1	−48.6	49.1	278.3	0.009	0.236	0.874	35.7	5.9	−48.7	49.0	276.9	1.1	258	0.0	0.215	1.0	35.6	7.1	−48.6	49.1	278.3
34/170	B25M_100_100$_{de}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.149	1.0	34.8	12.5	−46.7	48.3	285.0	0.013	0.177	0.874	35.5	12.8	−45.4	47.2	285.8	1.4	262	0.0	0.149	1.0	34.8	12.5	−46.7	48.3	285.0
35/251	B38M_100_100$_{de}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.072	1.0	33.4	18.7	−45.0	48.8	292.5	0.0	0.101	0.874	34.5	18.0	−45.5	48.9	291.6	1.3	266	0.0	0.072	1.0	33.4	18.7	−45.0	48.8	292.5
36/332	B50M_100_100$_{de}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1	0.036	0.045	0.874	32.9	25.7	−43.4	50.4	300.6	1.3	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
37/413	B63M_100_100$_{de}$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.124	0.0	1.0	31.2	31.4	−40.6	51.4	307.7	0.124	0.0	1.0	31.9	32.8	−40.0	51.7	309.3	1.6	276	0.124	0.0	1.0	31.2	31.4	−40.6	51.4	307.7
38/494	B75M_100_100$_{de}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3	0.225	0.0	1.0	32.6	37.5	−36.3	52.2	315.9	1.6	282	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3
39/575	B88M_100_100$_{de}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.326	0.0	1.0	32.6	43.1	−33.7	54.7	321.9	0.328	0.0	1.0	32.8	42.7	−33.4	54.2	321.9	0.5	288	0.326	0.0	1.0	32.6	43.1	−33.7	54.7	321.9
40/656	M00R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6	0.47	0.0	1.0	35.2	48.8	−28.6	56.5	329.6	1.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
41/655	M13R_100_100$_{de}$	1.0	0.0	0.875	1.0	1.0	0.5	337	0.608	0.0	1.0	38.3	54.7	−25.2	60.2	335.2	0.607	0.0	1.0	38.1	54.2	−24.5	59.5	335.6	0.8	307	0.608	0.0	1.0	38.3	54.7	−25.2	60.2	335.2
42/654	M25R_100_100$_{de}$	1.0	0.0	0.75	1.0	1.0	0.5	344	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8	0.738	0.0	1.0	40.5	60.2	−20.2	63.5	341.3	1.2	315	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
43/653	M38R_100_100$_{de}$	1.0	0.0	0.625	1.0	1.0	0.5	352	0.957	0.0	1.0	46.6	68.5	−12.7	69.7	349.4	0.957	0.0	1.0	45.8	70.0	−12.5	71.1	349.8	1.6	327	0.957	0.0	1.0	46.6	68.5	−12.7	69.7	349.4
44/652	M50R_100_100$_{de}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0	1.0	0.0	0.913	47.0	71.4	−10.3	72.2	351.7	1.5	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
45/651	M63R_100_100$_{de}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.683	46.2	66.3	1.1	66.4	0.9	1.0	0.0	0.691	46.4	67.9	−0.8	67.9	359.3	2.4	348	1.0	0.0	0.683	46.2	66.3	1.1	66.4	0.9
46/650	M75R_100_100$_{de}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8	1.0	0.0	0.522	46.2	64.3	8.1	64.8	367.2	3.1	358	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
47/649	M88R_100_100$_{de}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.381	45.9	60.3	19.2	63.3	17.6	0.999	0.0	0.383	45.9	61.9	17.8	64.4	376.0	2.1	367	1.0	0.0	0.381	45.9	60.3	19.2	63.3	17.6
48/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4	1.0	0.0	0.246	46.2	60.8	26.3	66.2	383.4	2.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
49/0	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.9	0.0	0.0	0.0	0.0	0.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
50/91	NW_013$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	25.4	0.1	−0.3	0.3	297.5	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
51/182	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	36.6	0.0	−0.9	0.9	274.1	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
52/273	NW_038$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	45.6	0.3	−0.6	0.7	297.5	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
53/364	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	55.8	0.1	−0.1	0.2	306.0	0.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
54/455	NW_063$_{de}$	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	0.576	0.565	0.557	66.0	0.0	−0.9	0.9	272.5	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
55/546	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	76.0	0.0	−0.3	0.3	286.1	0.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
56/637	NW_088$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	86.1	0.1	0.0	0.1	0.0	0.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
57/728	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta** **1.7**

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, Δ*E'**

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

1−1131730−F0

n/j	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'*$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
0/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4	1.0	0.0	0.246	46.2	60.8	26.3	66.2	23.4	2.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
1/666	R25Y_100_100$_{de}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0	1.0	0.079	0.0	50.9	58.3	50.6	77.2	40.9	2.0	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
2/684	R50Y_100_100$_{de}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8	1.0	0.267	0.0	62.8	34.5	63.0	71.9	61.2	3.6	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
3/702	R75Y_100_100$_{de}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7	1.0	0.501	0.0	72.5	16.6	71.9	73.8	76.9	1.1	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
4/720	Y00G_100_100$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3	0.983	0.781	0.018	84.0	−2.8	77.5	77.5	92.0	0.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
5/558	Y25G_100_100$_{de}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6	0.673	1.0	0.0	84.9	−26.2	82.1	86.2	107.7	1.7	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
6/396	Y50G_100_100$_{de}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2	0.381	1.0	0.0	69.8	−42.7	57.4	71.5	126.6	1.0	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
7/234	Y75G_100_100$_{de}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9	0.146	0.874	0.017	59.3	−58.2	40.8	71.1	144.9	1.5	141	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9
8/72	G00B_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2	0.03	0.938	0.172	55.7	−60.1	19.2	63.1	162.2	2.9	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
9/72	G00B_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2	0.03	0.938	0.172	55.7	−60.1	19.2	63.1	162.2	2.9	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
10/76	G25B_100_100$_{de}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6	0.048	0.873	0.483	57.8	−46.4	−8.8	47.2	190.7	2.3	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
11/80	G50B_100_100$_{de}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9	0.043	0.874	0.776	55.6	−36.9	−30.5	47.9	219.5	2.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
12/44	G75B_100_100$_{de}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3	0.0	0.685	1.0	51.5	−22.0	−49.8	54.5	246.1	1.7	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
13/8	B00M_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7	0.0	0.286	0.874	39.1	−1.8	−48.5	48.6	267.8	3.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
14/332	B25R_100_100$_{de}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1	0.036	0.045	0.874	32.9	25.7	−43.4	50.4	300.6	1.3	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
15/656	B50R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6	0.47	0.0	1.0	35.2	48.8	−28.6	56.5	329.6	1.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
16/652	B75R_100_100$_{de}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0	1.0	0.0	0.913	47.0	71.4	−10.3	72.2	351.7	1.5	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
17/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4	1.0	0.0	0.246	46.2	60.8	26.3	66.2	23.4	2.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
18/688	R00Y_100_050$_{de}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.622	71.2	29.6	14.1	32.8	25.4	1.0	0.47	0.66	71.5	28.9	13.5	31.9	24.9	0.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
19/706	R50Y_100_050$_{de}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.633	0.5	78.7	18.9	31.3	36.6	58.8	1.0	0.591	0.54	77.8	15.4	26.1	30.3	59.5	6.2	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
20/724	Y00G_100_050$_{de}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.895	0.5	90.2	−1.5	38.8	38.8	92.3	1.0	0.874	0.576	88.7	−2.1	34.8	34.9	93.5	4.2	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
21/562	Y50G_100_050$_{de}$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.69	1.0	0.5	82.9	−21.8	28.7	36.1	127.2	0.645	0.959	0.477	82.9	−24.9	33.9	42.1	126.2	6.0	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
22/400	G00B_100_050$_{de}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.576	75.4	−31.3	10.0	32.9	162.2	0.405	0.874	0.501	74.5	−28.9	8.0	30.0	164.4	3.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
23/404	G50B_100_050$_{de}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.934	76.0	−18.9	−14.2	23.7	216.9	0.471	0.873	0.797	76.7	−18.2	−13.2	22.4	215.9	1.5	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
24/368	B00R_100_050$_{de}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.642	1.0	66.9	0.7	−24.8	24.8	271.7	0.516	0.618	0.907	68.6	1.9	−25.4	25.5	274.3	2.1	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
25/692	B50R_100_050$_{de}$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.733	0.5	1.0	65.8	24.4	−14.9	28.6	328.6	0.742	0.478	0.853	67.5	22.3	−12.9	25.8	329.8	3.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
26/688	R00Y_100_050$_{de}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.622	71.2	29.6	14.1	32.8	25.4	1.0	0.47	0.66	71.5	28.9	13.5	31.9	24.9	0.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
27/506	R00Y_075_050$_{de}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.372	51.3	29.6	14.1	32.8	25.4	0.736	0.213	0.393	52.9	28.5	12.8	31.3	24.2	2.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
28/524	R50Y_075_050$_{de}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.383	0.25	58.7	18.9	31.3	36.6	58.8	0.766	0.313	0.239	58.9	19.2	29.5	35.3	56.8	1.8	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
29/542	Y00G_075_050$_{de}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.645	0.25	70.2	−1.5	38.8	38.8	92.3	0.712	0.565	0.258	70.4	−1.8	38.0	38.1	92.7	0.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
30/380	Y50G_075_050$_{de}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.44	0.75	0.25	62.9	−21.8	28.7	36.1	127.2	0.39	0.642	0.209	64.7	−20.8	28.3	35.2	126.3	2.0	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
31/218	G00B_075_050$_{de}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.326	55.5	−31.3	10.0	32.9	162.2	0.222	0.681	0.289	57.1	−30.1	8.9	31.4	163.3	2.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
32/222	G50B_075_050$_{de}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.684	56.1	−18.9	−14.2	23.7	216.9	0.257	0.62	0.52	58.2	−17.6	−14.8	23.0	219.9	2.5	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
33/186	B00R_075_050$_{de}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.392	0.75	46.9	0.7	−24.8	24.8	271.7	0.243	0.331	0.593	49.2	0.5	−24.2	24.2	271.2	2.3	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
34/510	B50R_075_050$_{de}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.483	0.25	0.75	45.8	24.4	−14.9	28.6	328.6	0.458	0.213	0.564	43.0	25.3	−15.5	29.7	328.4	2.9	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
35/506	R00Y_075_050$_{de}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.372	51.3	29.6	14.1	32.8	25.4	0.736	0.213	0.393	52.9	28.5	12.8	31.3	24.2	2.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
36/324	R00Y_050_050$_{de}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.122	31.3	29.6	14.1	32.8	25.4	0.4	0.0	0.087	34.1	25.4	14.5	29.2	29.7	5.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
37/342	R50Y_050_050$_{de}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.133	0.0	38.7	18.9	31.3	36.6	58.8	0.469	0.123	0.024	40.1	16.4	31.8	35.8	62.7	2.8	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
38/360	Y00G_050_050$_{de}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.395	0.0	50.2	−1.5	38.8	38.8	92.3	0.459	0.34	0.058	51.2	−3.2	40.6	40.7	94.5	2.6	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
39/198	Y50G_050_050$_{de}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.19	0.5	0.0	42.9	−21.8	28.7	36.1	127.2	0.204	0.411	0.017	44.7	−20.4	28.5	35.1	125.6	2.3	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
40/36	G00B_050_050$_{de}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.076	35.5	−31.3	10.0	32.9	162.2	0.0	0.375	0.0	40.8	−36.1	13.8	38.7	159.0	8.1	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
41/40	G50B_050_050$_{de}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.434	36.1	−18.9	−14.2	23.7	216.9	0.013	0.299	0.219	37.1	−18.2	−17.2	25.0	223.4	3.2	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
42/4	B00R_050_050$_{de}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.142	0.5	26.9	0.7	−24.8	24.8	271.7	0.0	0.054	0.287	29.6	0.1	−25.2	25.2	270.3	2.7	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
43/328	B50R_050_050$_{de}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.233	0.0	0.5	25.8	24.4	−14.9	28.6	328.6	0.25	0.0	0.299	32.2	26.6	−12.8	29.6	334.1	7.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
44/324	R00Y_050_050$_{de}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.122	31.3	29.6	14.1	32.8	25.4	0.4	0.0	0.087	34.1	25.4	14.5	29.2	29.7	5.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
45/0	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.9	0.0	0.0	0.0	0.0	0.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
46/91	NW_013$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	25.4	0.1	−0.3	0.3	297.5	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
47/182	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	36.6	0.0	−0.9	0.9	274.1	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
48/273	NW_038$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	45.6	0.3	−0.6	0.7	297.5	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
49/364	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	55.8	0.1	−0.1	0.2	306.0	0.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
50/455	NW_063$_{de}$	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	0.576	0.565	0.557	66.0	0.0	−0.9	0.9	272.5	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
51/546	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	76.0	0.0	−0.3	0.3	286.1	0.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
52/637	NW_088$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	86.1	0.1	0.0	0.1	0.0	0.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
53/728	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 2.4

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

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

1−1131830−F0

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 20/33

n=j	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde				
0	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0
1	B00R_012_012de	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.035	0.125	19.0	0.1	−6.2	6.2	271.7
2	B00R_025_025de	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.071	0.25	21.6	0.3	−12.4	12.4	271.7
3	B00R_037_037de	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.106	0.375	24.3	0.5	−18.6	18.6	271.7
4	B00R_050_050de	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.142	0.5	26.9	0.7	−24.8	24.8	271.7
5	B00R_062_062de	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.178	0.625	29.6	0.9	−31.0	31.0	271.7
6	B00R_075_075de	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.213	0.75	32.3	1.1	−37.2	37.2	271.7
7	B00R_087_087de	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.249	0.875	34.9	1.3	−43.4	43.4	271.7
8	B00R_100_100de	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
9	G00B_012_012de	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.019	21.1	−7.8	2.5	8.2	162.2
10	G50B_012_012de	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.108	21.3	−4.7	−3.5	5.9	216.9
11	G75B_025_025de	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.171	0.25	25.1	−5.8	−12.2	13.5	244.3
12	G84B_037_037de	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.194	0.375	27.6	−5.2	−18.8	19.6	254.3
13	G88B_050_050de	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.223	0.5	30.1	−4.8	−25.0	25.5	258.9
14	G90B_062_062de	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.252	0.625	32.7	−4.5	−31.1	31.4	261.6
15	G92B_075_075de	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.281	0.75	35.3	−4.2	−37.1	37.4	263.5
16	G93B_087_087de	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.319	0.875	38.1	−4.2	−43.4	43.6	264.4
17	G94B_100_100de	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.355	1.0	40.8	−4.0	−49.6	49.8	265.3
18	G00B_025_025de	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.038	25.9	−15.6	5.0	16.4	162.2
19	G25B_025_025de	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.137	26.4	−12.1	−2.0	12.2	189.6
20	G50B_025_025de	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.217	26.2	−9.4	−7.1	11.8	216.9
21	G65B_037_037de	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.328	0.375	29.9	−11.6	−16.2	20.0	234.3
22	G75B_050_050de	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.342	0.5	33.8	−11.7	−24.5	27.1	244.3
23	G80B_062_062de	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.362	0.625	36.4	−10.9	−31.4	33.2	250.7
24	G84B_075_075de	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.388	0.75	38.8	−10.5	−37.7	39.2	254.3
25	G86B_087_087de	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.415	0.875	41.3	−10.0	−43.9	45.0	257.1
26	G88B_100_100de	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.446	1.0	43.9	−9.7	−50.1	51.0	258.9
27	G00B_037_037de	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.057	30.7	−23.5	7.5	24.7	162.2
28	G15B_037_037de	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.16	31.2	−20.0	0.1	20.0	179.5
29	G34B_037_037de	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.249	31.6	−16.4	−5.8	17.4	199.6
30	G50B_037_037de	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.325	31.1	−14.2	−10.7	17.8	216.9
31	G61B_050_050de	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.5	0.495	34.8	−16.7	−19.7	25.9	229.7
32	G69B_062_062de	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.5	0.625	39.0	−17.9	−28.7	33.8	237.9
33	G75B_075_075de	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.514	0.75	42.5	−17.6	−36.7	40.7	244.3
34	G79B_087_087de	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.534	0.875	45.3	−16.9	−43.8	47.0	248.9
35	G81B_100_100de	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.564	1.0	47.9	−16.6	−50.3	53.0	251.6
36	G00B_050_050de	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.076	35.5	−31.3	10.0	32.9	162.2
37	G11B_050_050de	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.184	35.9	−27.9	2.4	28.0	175.0
38	G25B_050_050de	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.274	36.5	−24.2	−4.0	24.5	189.6
39	G38B_050_050de	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.362	36.6	−21.0	−9.4	23.0	204.2
40	G50B_050_050de	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.434	36.1	−18.9	−14.2	23.7	216.9
41	G59B_062_062de	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.625	0.602	39.7	−21.6	−23.2	31.7	227.0
42	G65B_075_075de	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.656	0.75	43.5	−23.3	−32.5	40.0	234.3
43	G70B_087_087de	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.667	0.875	48.1	−24.0	−41.2	47.7	239.7
44	G75B_100_100de	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
45	G00B_062_062de	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.095	40.3	−39.2	12.5	41.1	162.2
46	G09B_062_062de	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.203	40.7	−35.8	4.8	36.2	172.2
47	G19B_062_062de	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.296	41.3	−32.1	−1.8	32.2	183.2
48	G30B_062_062de	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.387	41.8	−28.2	−8.1	29.4	195.9
49	G40B_062_062de	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.474	41.6	−25.6	−13.0	28.8	206.9
50	G50B_062_062de	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.542	41.0	−23.7	−17.8	29.7	216.9
51	G57B_075_075de	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.75	0.71	44.7	−26.5	−26.7	37.6	225.1
52	G63B_087_087de	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.85	0.875	48.3	−28.5	−35.9	45.8	231.5
53	G68B_100_100de	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.819	1.0	52.6	−29.3	−45.3	54.0	237.0
54	G00B_075_075de	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.114	45.0	−47.0	15.0	49.4	162.2
55	G07B_075_075de	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.221	45.4	−43.7	7.3	44.3	170.4
56	G15B_075_075de	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.321	46.0	−40.1	0.3	40.1	179.5
57	G25B_075_075de	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.411	46.6	−36.3	−6.1	36.8	189.6
58	G34B_075_075de	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.499	46.8	−32.9	−11.7	34.9	199.6
59	G42B_075_075de	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.584	46.5	−30.4	−16.7	34.7	208.7
60	G50B_075_075de	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.651	46.0	−28.4	−21.4	35.6	216.9
61	G56B_087_087de	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.875	0.821	49.6	−31.2	−30.4	43.6	224.2
62	G61B_100_100de	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	1.0	0.99	53.2	−33.4	−39.5	51.8	229.7
63	G00B_087_087de	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.134	49.8	−54.9	17.6	57.6	162.2
64	G06B_087_087de	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.246	50.2	−51.4	9.5	52.3	169.5
65	G13B_087_087de	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.344	50.7	−48.0	2.6	48.1	176.8
66	G20B_087_087de	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.436	51.5	−44.1	−3.8	44.2	185.0
67	G29B_087_087de	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.524	51.9	−40.4	−10.2	41.7	194.1
68	G36B_087_087de	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.614	51.9	−37.5	−15.4	40.5	202.3
69	G43B_087_087de	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.69	51.5	−35.3	−20.1	40.6	209.6
70	G50B_087_087de	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.759	50.9	−33.2	−25.0	41.5	216.9
71	G55B_100_100de	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	1.0	0.929	54.6	−36.0	−34.0	49.6	223.3
72	G00B_100_100de	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
73	G05B_100_100de	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.266	55.0	−59.2	11.9	60.4	168.6
74	G11B_100_100de	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.368	55.4	−55.8	4.8	56.0	175.0
75	G18B_100_100de	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.463	56.2	−52.0	−2.0	52.0	182.3
76	G25B_100_100de	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
77	G31B_100_100de	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.631	57.0	−44.8	−13.6	46.9	196.9
78	G38B_100_100de	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.725	56.9	−42.1	−18.9	46.1	204.2
79	G44B_100_100de	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.798	56.4	−40.1	−23.7	46.6	210.5
80	G50B_100_100de	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9

n=j	rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
0	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1	0.0	0.005	0.047	24.7	4.9	−12.6	13.5	291.3	9.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
2	0.0	0.005	0.091	23.7	4.7	−21.9	22.4	282.2	10.7	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
3	0.012	0.042	0.25	28.2	10.1	−29.8	31.5	288.8	15.3	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
4	0.0	0.054	0.287	29.8	18.0	−38.5	42.5	295.0	22.2	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
5	0.0	0.06	0.365	27.8	25.8	−43.6	50.7	300.6	27.9	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
6	0.0	0.125	0.457	28.9	25.4	−43.3	50.3	300.4	25.3	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
7	0.0	0.201	0.623	30.3	26.6	−43.3	50.8	301.6	25.7	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
8	0.0	0.286	0.874	31.8	24.6	−43.3	49.9	299.6	24.6	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
9	0.0	0.064	0.0	31.0	−8.7	4.5	9.8	152.2	10.1	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
10	0.0	0.046	0.02	28.7	−9.2	−12.4	15.5	233.4	12.4	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
11	0.045	0.128	0.125	28.8	−5.8	−22.4	23.2	255.2	10.8	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
12	0.002	0.125	0.198	31.6	−3.8	−30.3	30.6	262.7	12.2	238	0.0	0.518	1.0	46.3	−14.0	−50.3	52.2	254.3
13	0.008	0.13	0.299	33.6	2.6	−39.5	39.6	273.7	16.6	243	0.0	0.446	1.0	43.9	−9.7	−50.1	51.0	258.9
14	0.0	0.149	0.391	35.0	9.4	−44.9	45.8	281.8	19.7	246	0.0	0.404	1.0	42.6	−7.2	−49.8	50.3	261.6
15	0.0	0.192	0.484	32.7	15.8	−46.0	48.7	289.0	22.1	248	0.0	0.375	1.0	41.7	−5.6	−49.5	49.8	263.5
16	0.005	0.258	0.641	33.7	16.7	−45.4	48.4	290.2	21.5	248	0.0	0.365	1.0	41.2	−4.8	−49.6	49.8	264.4
17	0.0	0.338	0.874	34.6	14.4	−45.8	48.0	287.4	19.8	249	0.0	0.355	1.0	40.8	−4.0	−49.6	49.8	265.3
18	0.0	0.125	0.0	35.7	−22.3	5.5	22.9	166.0	11.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
19	0.0	0.097	0.0	32.1	−19.3	−6.7	20.4	199.1	10.3	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
20	0.043	0.125	0.125	35.4	−13.6	−20.5	24.7	236.3	16.8	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
21	0.0	0.125	0.125	36.6	−10.9	−29.0	31.0	249.2	14.4	216	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
22	0.0	0.21	0.282	37.5	−8.2	−36.1	37.0	257.0	12.6	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
23	0.0	0.246	0.4	37.6	−4.5	−43.4	43.7	263.9	13.6	234	0.0	0.579	1.0	48.4	−17.5	−50.2	53.2	250.7
24	0.0	0.305	0.534	37.7	−0.7	−47.5	47.6	269.1	13.9	238	0.0	0.518	1.0	46.3	−14.0	−50.3	52.2	254.3
25	0.0	0.353	0.666	35.7	4.7	−49.3	49.5	275.4	16.6	241	0.0	0.474	1.0	44.8	−11.4	−50.2	51.5	257.1
26	0.0	0.403	0.874	36.0	4.2	−49.4	49.6	274.9	16.1	243	0.0	0.446	1.0	43.9	−9.7	−50.1	51.0	258.9
27	0.0	0.25	0.0	39.9	−35.9	13.8	38.4	158.9	16.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
28	0.012	0.25	0.125	38.1	−32.5	−0.7	32.5	181.3	14.2	175	0.0	1.0	0.428	55.9	−53.5	0.4	53.5	179.5
29	0.001	0.211	0.102	38.2	−25.0	−15.5	29.4	211.7	14.5	190	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199.6
30	0.005	0.202	0.147	40.0	−19.7	−27.3	33.6	234.2	19.6	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
31	0.0	0.253	0.224	40.4	−15.0	−34.8	37.9	246.5	16.1	209	0.0	1.0	0.99	53.2	−33.4	−39.5	51.8	229.7
32	0.0	0.346	0.382	41.9	−12.3	−41.1	42.9	253.2	13.9	220	0.0	0.8	1.0	52.6	−28.7	−45.9	54.2	237.9
33	0.003	0.432	0.554	42.9	−9.5	−47.6	48.5	258.6	13.5	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
34	0.006	0.464	0.713	43.1	−8.0	−49.4	50.1	260.7	10.7	232	0.0	0.61	1.0	49.5	−19.3	−50.1	53.7	248.9
35	0.0	0.566	1.0	41.6	−5.5	−49.5	49.8	263.5	12.7	235	0.0	0.564	1.0	47.9	−16.6	−50.3	53.0	251.6
36	0.0	0.375	0.0	43.4	−62.0	24.5	66.7	158.4	34.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
37	0.0	0.291	0.031	43.6	−61.4	11.8	62.6	169.1	35.6	171	0.0	1.0	0.368	55.4	−55.8	4.8	56.0	175.0
38	0.027	0.328	0.15	41.9	−44.2	−7.1	44.8	189.1	20.9	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
39	0.035	0.323	0.198	42.9	−34.8	−22.3	41.3	212.7	19.8	194	0.0	1.0	0.725	56.9	−42.1	−18.9	46.1	204.2
40	0.013	0.299	0.219	43.9	−23.5	−34.3	41.6	235.6	21.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
41	0.006	0.382	0.34	44.7	−21.3	−38.9	44.4	241.3	16.4	208	0.0	1.0	0.964	53.8	−34.6	−37.2	50.8	227.0
42	0.006	0.484	0.485	46.8	−19.7	−45.8	49.8	246.7	14.1	216	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
43	0.007	0.551	0.709	47.4	−16.3	−49.5	52.1	251.7	11.3	223	0.0	0.762	1.0	52.6	−27.4	−47.1	54.6	239.7
44	0.0	0.685	1.0	45.6	−13.0	−50.3	51.9	255.4	11.9	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
45	0.011	0.4	0.035	48.1	−68.1	29.1	74.1	156.8	34.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
46	0.051	0.426	0.133	48.0	−74.0	21.1	76.9	164.0	42.1	168	0.0	1.0	0.325	55.3	−57.4	7.8	57.9	172.2
47	0.068	0.452	0.208	48.7	−69.5	6.2	69.8	174.8	38.9	178	0.0	1.0	0.475	56.3	−51.5	−2.8	51.5	183.2
48	0.077	0.46	0.269	49.9	−55.3	−10.5	56.3	190.8	28.3	187	0.0	1.0	0.62	57.0	−45.2	−12.9	47.0	195.9
49	0.07	0.443	0.303	51.3	−45.8	−25.2	52.3	208.7	25.4	196	0.0	1.0	0.759	56.8	−41.0	−20.8	46.0	206.9
50	0.049	0.418	0.326	50.4	−32.6	−36.2	48.8	227.9	22.4	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
51	0.035	0.51	0.45	50.5	−30.3	−40.4	50.5	233.0	15.3	207	0.0	1.0	0.947	54.2	−35.4	−35.6	50.2	225.1
52	0.007	0.575	0.61	50.7	−25.3	−46.5	52.9	241.3	11.2	211	0.0	0.971	1.0	52.9	−32.5	−41.0	52.4	231.5
53	0.0	0.749	0.955	50.0	−20.1	−50.0	53.9	248.0	10.6	219	0.0	0.819	1.0	52.6	−29.3	−45.3	54.0	237.0
54	0.07	0.532	0.11	51.2	−70.8	30.3	77.0	156.8	28.9	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
55	0.071	0.544	0.183	50.0	−73.8	22.2	77.1	163.2	33.8	166	0.0	1.0	0.295	55.1	−58.3	9.8	59.1	170.4
56	0.078	0.558	0.255	50.0	−68.5	8.7	69.0	172.7	29.8	175	0.0	1.0	0.428	55.9	−53.5	0.4	53.5	179.5
57	0.081	0.562	0.313	51.2	−59.6	−5.4	59.9	185.2	23.8	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
58	0.082	0.559	0.359	52.4	−50.8	−18.0	54.0	199.5	19.8	190	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199.6
59	0.075	0.546	0.396	52.7	−43.9	−27.1	51.6	211.7	18.1	197	0.0	1.0	0.779	56.6	−40.6	−22.3	46.3	208.7
60	0.061	0.53	0.426	52.5	−36.6	−36.6	51.8	225.0	18.4	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
61	0.032	0.591	0.562	52.3	−32.9	−41.3	52.8	231.4	11.3	206	0.0	1.0	0.938	54.4	−35.7	−34.8	49.9	224.2
62	0.014	0.865	0.903	52.6	−27.0	−47.6	54.7	240.4	10.3	209	0.0	1.0	0.99	53.2	−33.4	−39.5	51.8	229.7
63	0.063	0.749	0.143	53.0	−69.3	31.1	75.9	155.7	20.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
64	0.071	0.749	0.25	52.2	−68.8	22.2	72.3	162.1	21.6	165	0.0	1.0	0.281	55.1	−58.8	10.8	59.8	169.5
65	0.073	0.749	0.29	52.6	−63.7	11.3	64.7	169.9	17.9	172	0.0	1.0	0.393	55.6	−54.9	3.0	55.0	176.8
66	0.078	0.673	0.355	53.9	−57.4	0.1	57.4	179.8	14.1	179	0.0	1.0	0.498	56.5	−50.4	−4.4	50.6	185.0
67	0.076	0.749	0.501	54.4	−50.3	−12.4	51.8	193.8	10.4	186	0.0	1.0	0.599	56.9	−46.2	−11.6	47.6	194.1
68	0.075	0.653	0.455	54.8	−45.3	−19.6	49.4	203.4	9.4	193	0.0	1.0	0.701	56.9	−42.8	−17.6	46.3	202.3
69	0.086	0.749	0.623	53.5	−41.7	−28.4	50.5	214.3	10.6	198	0.0	1.0	0.788	56.5	−40.3	−23.0	46.4	209.6
70	0.085	0.749	0.623	52.4	−35.3	−38.9	52.5	227.7	14.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
71	0.03	0.874	0.838	52.5	−31.1	−43.3	53.4	234.3	10.7	206	0.0	1.0	0.929	54.6	−36.0	−34.0	49.6	223.3
72	0.03	0.938	0.172	55.2	−64.7	32.4	72.4	153.3	12.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
73	0.033	0.931	0.274	54.5	−63.4	22.2	67.2	160.6	11.1	164	0.0	1.0	0.266	55.0	−59.2	11.9	60.4	168.6
74	0.046	0.862	0.341	54.9	−59.7	13.1	61.1	167.5	9.1	171	0.0	1.0	0.368	55.4	−55.8	4.8	56.0	175.0
75	0.047	0.872	0.419	55.5	−55.6	4.5	55.8	175.3	7.5	177	0.0	1.0	0.463	56.2	−52.0	−2.0	52.0	182.3
76	0.048	0.873	0.483	56.5	−50.3	−4.5	50.5	185.1	4.1	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
77	0.052	0.868	0.557	57.0	−45.0	−13.2	46.9	196.4	0.3	188	0.0	1.0	0.631	57.0	−44.8	−13.6	46.9	196.9
78	0.04	0.914	0.662	56.9	−41.2	−20.2	45.9	206.0	1.5	194	0.0	1.0	0.725	56.9	−42.1	−18.9	46.1	204.2
79	0.045	0.874	0.709	55.8	−37.7	−29.0	47.6	217.5	5.8	199	0.0	1.0	0.798	56.4	−40.1	−23.7	46.6	210.5
80	0.043	0.874	0.776	53.0	−32.9	−40.4	52.1	230.7	13.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9

Mean color difference of this page: **delta** **16.9**

1-1131930-F0 RE630-7N, Page 20/33-F

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to $cmyk^*_{de}$

see similar files: http://130.149.60.45/~farbmetrik/RE63/RE63.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-1131930-F0

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 21/33

n	HIC*_Fde	rgb_Fde			ict_Fde			h_si_F,de	rgb*_Fde			LabCh*_Fde				
81	R00Y_012_012de	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.03	20.1	7.4	3.5	8.2	25.4
82	B50R_012_012de	0.125	0.0	0.125	0.125	0.125	0.062	330	0.058	0.0	0.125	18.7	6.1	−3.7	7.1	328.6
83	B25R_025_025de	0.125	0.0	0.25	0.25	0.25	0.125	300	0.002	0.0	0.25	20.2	6.2	−10.8	12.5	300.1
84	B15R_037_037de	0.125	0.0	0.375	0.375	0.375	0.187	289	0.0	0.038	0.375	23.0	6.1	−17.0	18.1	289.7
85	B11R_050_050de	0.125	0.0	0.5	0.5	0.5	0.25	284	0.0	0.074	0.5	25.6	6.2	−23.3	24.1	285.0
86	B09R_062_062de	0.125	0.0	0.625	0.625	0.625	0.312	281	0.0	0.111	0.625	28.1	6.4	−29.7	30.4	282.1
87	B07R_075_075de	0.125	0.0	0.75	0.75	0.75	0.375	279	0.0	0.147	0.75	30.6	6.5	−36.1	36.7	280.2
88	B06R_087_087de	0.125	0.0	0.875	0.875	0.875	0.437	278	0.0	0.18	0.875	33.1	6.9	−42.3	42.9	279.3
89	B05R_100_100de	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.215	1.0	35.6	7.1	−48.6	49.1	278.3
90	Y00G_012_012de	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.098	0.0	24.8	−0.3	9.7	9.7	92.3
91	NW_012de	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0
92	B00R_025_012de	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.16	0.25	29.0	0.1	−6.2	6.2	271.7
93	B00R_037_025de	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.196	0.375	31.6	0.3	−12.4	12.4	271.7
94	B00R_050_037de	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.231	0.5	34.3	0.5	−18.6	18.6	271.7
95	B00R_062_050de	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.267	0.625	36.9	0.7	−24.8	24.8	271.7
96	B00R_075_062de	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.303	0.75	39.6	0.9	−31.0	31.0	271.7
97	B00R_087_075de	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.338	0.875	42.2	1.1	−37.2	37.2	271.7
98	B00R_100_087de	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.374	1.0	44.9	1.3	−43.4	43.4	271.7
99	Y50G_025_025de	0.125	0.25	0.0	0.25	0.25	0.125	120	0.095	0.25	0.0	29.6	−10.9	14.3	18.0	127.2
100	G00B_025_012de	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.144	31.1	−7.8	2.5	8.2	162.2
101	G50B_025_012de	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.233	31.3	−4.7	−3.5	5.9	216.9
102	G75B_037_025de	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.296	0.375	35.1	−5.8	−12.2	13.5	244.3
103	G84B_050_037de	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.319	0.5	37.5	−5.2	−18.8	19.6	254.3
104	G88B_062_050de	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.348	0.625	40.1	−4.8	−25.0	25.5	258.9
105	G90B_075_062de	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.377	0.75	42.7	−4.5	−31.1	31.4	261.6
106	G92B_087_075de	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.406	0.875	45.3	−4.2	−37.1	37.4	263.5
107	G93B_100_087de	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.444	1.0	48.1	−4.2	−43.4	43.6	264.4
108	Y68G_037_037de	0.125	0.375	0.0	0.375	0.375	0.187	131	0.094	0.375	0.0	33.6	−20.0	16.7	26.1	140.0
109	G00B_037_025de	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.163	35.9	−15.6	5.0	16.4	162.2
110	G25B_037_025de	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.262	36.4	−12.1	−2.0	12.2	189.6
111	G50B_037_025de	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.342	36.2	−9.4	−7.1	11.8	216.9
112	G65B_050_037de	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.453	0.5	39.9	−11.6	−16.2	20.0	234.3
113	G75B_062_050de	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.467	0.625	43.8	−11.7	−24.5	27.1	244.3
114	G80B_075_062de	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.487	0.75	46.4	−10.9	−31.4	33.2	250.7
115	G84B_087_075de	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.513	0.875	48.8	−10.5	−37.7	39.2	254.3
116	G86B_100_087de	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.54	1.0	51.3	−10.0	−43.9	45.0	257.1
117	Y76G_050_050de	0.125	0.5	0.0	0.5	0.5	0.25	136	0.081	0.5	0.0	37.8	−29.0	19.6	35.0	145.9
118	G00B_050_037de	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.182	40.7	−23.5	7.5	24.7	162.2
119	G15B_050_037de	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.285	41.2	−20.0	0.1	20.0	179.5
120	G34B_050_037de	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.374	41.6	−16.4	−5.8	17.4	199.6
121	G50B_050_037de	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.45	41.1	−14.2	−10.7	17.8	216.9
122	G61B_062_050de	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.625	0.62	44.8	−16.7	−19.7	25.9	229.7
123	G69B_075_062de	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.625	0.75	49.0	−17.9	−28.7	33.8	237.9
124	G75B_087_075de	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.639	0.875	52.5	−17.6	−36.7	40.7	244.3
125	G79B_100_087de	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.659	1.0	55.3	−16.9	−43.8	47.0	248.9
126	Y81G_062_062de	0.125	0.625	0.0	0.625	0.625	0.312	139	0.062	0.625	0.0	42.1	−38.0	22.5	44.2	149.4
127	G00B_062_050de	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.201	45.5	−31.3	10.0	32.9	162.2
128	G11B_062_050de	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.309	45.9	−27.9	2.4	28.0	175.0
129	G25B_062_050de	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.399	46.5	−24.2	−4.0	24.5	189.6
130	G38B_062_050de	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.487	46.6	−21.0	−9.4	23.0	204.2
131	G50B_062_050de	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.559	46.1	−18.9	−14.2	23.7	216.9
132	G59B_075_062de	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.75	0.727	49.7	−21.6	−23.2	31.7	227.0
133	G65B_087_075de	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.781	0.875	53.4	−23.3	−32.5	40.0	234.3
134	G70B_100_087de	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.792	1.0	58.1	−24.0	−41.2	47.7	239.7
135	Y85G_075_075de	0.125	0.75	0.0	0.75	0.75	0.375	141	0.03	0.75	0.0	46.2	−47.3	25.4	53.7	151.7
136	G00B_075_062de	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.22	50.2	−39.2	12.5	41.1	162.2
137	G09B_075_062de	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.328	50.6	−35.8	4.8	36.2	172.2
138	G19B_075_062de	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.421	51.3	−32.1	−1.8	32.2	183.2
139	G30B_075_062de	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.512	51.8	−28.2	−8.1	29.4	195.9
140	G40B_075_062de	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.599	51.6	−25.6	−13.0	28.8	206.9
141	G50B_075_062de	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.667	51.0	−23.7	−17.8	29.7	216.9
142	G57B_087_075de	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.875	0.835	54.7	−26.5	−26.7	37.6	225.1
143	G63B_100_087de	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	0.975	1.0	58.3	−28.5	−35.9	45.8	231.5
144	Y86G_087_087de	0.125	0.875	0.0	0.875	0.875	0.437	142	0.009	0.875	0.0	50.6	−56.2	28.7	63.1	152.9
145	G00B_087_075de	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.239	55.0	−47.0	15.0	49.4	162.2
146	G07B_087_075de	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.346	55.4	−43.7	7.3	44.3	170.4
147	G15B_087_075de	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.446	56.0	−40.1	0.3	40.1	179.5
148	G25B_087_075de	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.536	56.6	−36.3	−6.1	36.8	189.6
149	G34B_087_075de	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.624	56.8	−32.9	−11.7	34.9	199.6
150	G42B_087_075de	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.709	56.5	−30.4	−16.7	34.7	208.7
151	G50B_087_075de	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.776	56.0	−28.4	−21.4	35.6	216.9
152	G56B_100_087de	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	1.0	0.946	59.6	−31.2	−30.4	43.6	224.2
153	Y88G_100_100de	0.125	1.0	0.0	1.0	1.0	0.5	143	0.0	1.0	0.012	55.1	−64.6	31.4	71.9	154.0
154	G00B_100_087de	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.259	59.8	−54.9	17.6	57.6	162.2
155	G06B_100_087de	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.371	60.2	−51.4	9.5	52.3	169.5
156	G13B_100_087de	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.469	60.7	−48.0	2.6	48.1	176.8
157	G20B_100_087de	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.561	61.5	−44.1	−3.8	44.2	185.0
158	G29B_100_087de	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.649	61.9	−40.4	−10.2	41.7	194.1
159	G36B_100_087de	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.739	61.9	−37.5	−15.4	40.5	202.3
160	G43B_100_087de	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	1.0	0.815	61.5	−35.3	−20.1	40.6	209.6
161	G50B_100_087de	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	0.884	60.9	−33.2	−25.0	41.5	216.9

n	rgb'*_Fde			LabCh'*_Fde					DE'*_Fde	h_siM,de	rgb*_Mde			LabCh*_Mde				
81	0.095	0.0	0.002	24.0	5.9	7.2	9.4	50.8	5.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
82	0.031	0.0	0.047	26.0	11.4	−4.6	12.3	338.0	9.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
83	0.0	0.0	0.092	26.4	14.7	−16.0	21.8	312.4	11.7	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
84	0.0	0.0	0.157	27.8	17.4	−23.7	29.4	306.3	14.0	264	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
85	0.015	0.011	0.283	28.6	26.8	−31.8	41.6	310.1	22.4	262	0.0	0.149	1.0	34.8	12.5	−46.7	48.3	285.0
86	0.0	0.016	0.359	28.6	31.6	−35.0	47.2	312.0	25.7	260	0.0	0.177	1.0	35.2	10.2	−47.6	48.7	282.1
87	0.0	0.053	0.442	29.3	34.3	−37.9	51.1	312.1	27.8	259	0.0	0.196	1.0	35.4	8.7	−48.1	48.9	280.2
88	0.0	0.104	0.545	29.7	34.0	−39.9	52.4	310.4	27.3	258	0.0	0.206	1.0	35.5	7.9	−48.4	49.0	279.3
89	0.009	0.236	0.874	31.2	31.5	−40.6	51.4	307.7	26.0	258	0.0	0.215	1.0	35.6	7.1	−48.6	49.1	278.3
90	0.084	0.046	0.0	30.2	−4.3	14.4	15.0	106.8	8.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
91	0.153	0.147	0.143	21.3	0.0	−0.5	0.6	267.5	5.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
92	0.15	0.158	0.193	28.9	2.8	−15.8	16.0	280.2	9.9	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
93	0.156	0.175	0.248	31.2	5.1	−24.1	24.6	281.9	12.6	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
94	0.156	0.194	0.336	35.4	9.4	−28.1	29.7	288.4	13.0	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
95	0.137	0.205	0.434	37.8	14.4	−33.6	36.6	293.2	16.3	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
96	0.105	0.218	0.546	39.1	16.2	−38.1	41.4	293.0	16.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
97	0.092	0.249	0.695	36.0	21.3	−42.3	47.4	296.6	21.7	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
98	0.151	0.354	0.873	35.1	23.1	−41.8	47.8	298.9	24.0	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
99	0.125	0.125	0.0	36.6	−11.9	18.7	22.2	122.6	8.2	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
100	0.113	0.202	0.116	36.9	−11.2	4.4	12.0	158.2	6.9	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
101	0.138	0.197	0.175	34.4	−9.6	−14.9	17.7	237.1	12.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
102	0.164	0.249	0.27	37.8	−5.5	−22.5	23.2	256.1	10.6	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
103	0.152	0.262	0.348	40.4	−2.7	−27.9	28.0	264.3	9.8	238	0.0	0.518	1.0	46.3	−14.0	−50.3	52.2	254.3
104	0.132	0.274	0.448	43.4	0.9	−31.2	31.2	271.7	9.1	243	0.0	0.446	1.0	43.9	−9.7	−50.1	51.0	258.9
105	0.106	0.301	0.578	44.4	3.1	−36.3	36.4	274.9	9.4	246	0.0	0.404	1.0	42.6	−7.2	−49.8	50.3	261.6
106	0.098	0.343	0.741	39.7	10.9	−43.7	45.0	284.0	17.4	248	0.0	0.375	1.0	41.7	−5.6	−49.5	49.8	263.5
107	0.2	0.504	0.973	38.2	14.5	−43.2	45.6	288.5	21.2	248	0.0	0.365	1.0	41.2	−4.8	−49.6	49.8	264.4
108	0.125	0.25	0.0	40.9	−28.5	23.4	36.8	140.5	12.9	135	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
109	0.081	0.261	0.087	39.5	−22.7	6.3	23.6	164.3	8.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
110	0.132	0.274	0.176	37.5	−18.0	−7.4	19.5	202.4	8.1	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
111	0.166	0.287	0.24	42.7	−13.3	−21.4	25.2	238.1	16.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
112	0.143	0.338	0.331	43.7	−10.2	−26.4	28.3	248.8	10.9	216	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
113	0.128	0.389	0.462	45.8	−7.7	−30.3	31.3	255.6	7.3	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
114	0.108	0.424	0.611	47.2	−5.4	−34.0	34.5	260.8	6.1	234	0.0	0.579	1.0	48.4	−17.5	−50.2	53.2	250.7
115	0.104	0.464	0.777	45.3	−2.8	−44.7	44.8	266.3	10.9	238	0.0	0.518	1.0	46.3	−14.0	−50.3	52.2	254.3
116	0.185	0.586	0.992	40.4	2.5	−46.9	47.0	273.0	16.8	241	0.0	0.474	1.0	44.8	−11.4	−50.2	51.5	257.1
117	0.125	0.375	0.0	43.7	−42.4	28.6	51.2	145.9	17.1	141	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9
118	0.132	0.401	0.129	44.1	−29.9	11.1	31.9	159.5	8.1	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
119	0.155	0.415	0.22	44.2	−26.8	−1.5	26.9	183.3	7.6	175	0.0	1.0	0.428	55.9	−53.5	0.4	53.5	179.5
120	0.171	0.403	0.279	45.0	−20.8	−15.3	25.8	216.4	10.9	190	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199.6
121	0.165	0.378	0.307	47.1	−16.3	−26.5	31.1	238.4	17.0	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
122	0.129	0.455	0.411	49.2	−13.5	−30.9	33.7	246.3	12.4	209	0.0	1.0	0.99	53.2	−33.4	−39.5	51.8	229.7
123	0.111	0.534	0.57	50.5	−11.4	−33.9	35.8	251.3	8.5	220	0.0	0.8	1.0	52.6	−28.7	−45.9	54.2	237.9
124	0.106	0.605	0.797	50.7	−10.8	−40.8	42.2	255.1	8.1	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
125	0.161	0.701	1.0	46.1	−8.6	−47.6	48.4	259.7	12.9	232	0.0	0.61	1.0	49.5	−19.3	−50.1	53.7	248.9
126	0.094	0.439	0.014	49.0	−53.8	33.4	63.3	148.1	20.4	144	0.099	1.0	0.0	57.5	−60.8	36.0	70.7	149.4
127	0.126	0.532	0.153	49.2	−38.1	17.4	41.9	155.5	10.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
128	0.145	0.527	0.239	49.3	−36.0	5.8	36.5	170.8	9.4	171	0.0	1.0	0.368	55.4	−55.8	4.8	56.0	175.0
129	0.159	0.524	0.306	50.0	−30.6	−8.3	31.7	195.2	8.3	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
130	0.166	0.514	0.353	51.5	−24.3	−19.7	31.3	219.0	11.8	194	0.0	1.0	0.725	56.9	−42.1	−18.9	46.1	204.2
131	0.158	0.499	0.386	52.7	−21.6	−28.6	35.9	233.0	16.0	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
132	0.119	0.574	0.509	53.5	−17.6	−33.2	37.6	242.0	11.4	208	0.0	1.0	0.964	53.8	−34.6	−37.2	50.8	227.0
133	0.097	0.65	0.708	53.2	−15.5	−38.6	41.6	248.1	9.9	216	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
134	0.133	0.85	1.0	51.2	−14.6	−46.5	48.7	252.5	12.7	223	0.0	0.762	1.0	52.6	−27.4	−47.1	54.6	239.7
135	0.104	0.559	0.037	54.0	−58.1	36.9	68.9	147.5	17.6	147	0.04	1.0	0.0	56.2	−63.1	33.9	71.7	151.7
136	0.121	0.646	0.189	55.2	−43.6	22.2	49.0	152.9	11.7	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
137	0.132	0.645	0.272	55.0	−42.3	11.7	43.9	164.5	10.3	168	0.0	1.0	0.325	55.3	−57.4	7.8	57.9	172.2
138	0.145	0.64	0.339	56.2	−40.4	0.2	40.4	179.6	9.8	178	0.0	1.0	0.475	56.3	−51.5	−2.8	51.5	183.2
139	0.155	0.63	0.4	57.7	−34.1	−12.3	36.3	199.9	9.3	187	0.0	1.0	0.62	57.0	−45.2	−12.9	47.0	195.9
140	0.152	0.619	0.443	57.9	−30.1	−22.3	37.5	216.6	12.0	196	0.0	1.0	0.759	56.8	−41.0	−20.8	46.0	206.9
141	0.139	0.605	0.478	57.5	−25.3	−30.9	39.9	230.6	14.6	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
142	0.112	0.681	0.629	56.9	−21.3	−36.8	42.5	239.9	11.6	207	0.0	1.0	0.947	54.2	−35.4	−35.6	50.2	225.1
143	0.112	0.867	0.913	55.9	−20.2	−43.0	47.5	244.7	11.1	211	0.0	0.971	1.0	52.9	−32.5	−41.0	52.4	231.5
144	0.089	0.673	0.042	58.4	−60.0	39.3	71.8	146.7	13.6	149	0.011	1.0	0.0	55.5	−64.2	32.9	72.2	152.9
145	0.111	0.766	0.217	59.3	−56.3	28.7	63.2	152.9	17.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
146	0.117	0.757	0.3	59.2	−53.5	17.9	56.4	161.4	14.9	166	0.0	1.0	0.295	55.1	−58.3	9.8	59.1	170.4
147	0.126	0.745	0.373	59.5	−49.3	5.3	49.6	173.7	11.0	175	0.0	1.0	0.428	55.9	−53.5	0.4	53.5	179.5
148	0.13	0.739	0.437	60.7	−42.8	−6.0	43.3	187.9	7.7	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
149	0.131	0.729	0.488	60.9	−38.4	−14.4	41.0	200.6	7.3	190	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199.6
150	0.13	0.719	0.538	60.8	−33.5	−23.4	40.9	214.9	8.5	197	0.0	1.0	0.779	56.6	−40.6	−22.3	46.3	208.7
151	0.124	0.706	0.584	59.5	−29.4	−32.9	44.2	228.2	12.0	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
152	0.119	0.874	0.841	58.3	−25.8	−40.3	47.8	237.3	11.3	206	0.0	1.0	0.938	54.4	−35.7	−34.8	49.9	224.2
153	0.054	0.868	0.041	58.1	−59.8	36.8	70.3	148.3	7.8	150	0.0	1.0	0.012	55.1	−64.6	31.4	71.9	154.0
154	0.125	0.874	0.25	56.9	−60.4	29.4	67.2	153.9	13.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
155	0.13	0.874	0.345	56.7	−57.8	19.3	60.9	161.5	12.1	165	0.0	1.0	0.281	55.1	−58.8	10.8	59.8	169.5
156	0.131	0.874	0.418	58.1	−53.1	9.6	54.0	169.7	9.0	172	0.0	1.0	0.393	55.6	−54.9	3.0	55.0	176.8
157	0.134	0.874	0.492	59.0	−47.2	−1.5	47.3	181.8	4.7	179	0.0	1.0	0.498	56.5	−50.4	−4.4	50.6	185.0
158	0.136	0.874	0.583	59.5	−41.3	−12.1	43.0	196.4	3.1	186	0.0	1.0	0.599	56.9	−46.2	−11.6	47.6	194.1
159	0.136	0.874	0.623	59.8	−37.5	−18.5	41.9	206.3	3.7	193	0.0	1.0	0.701	56.9	−42.8	−17.6	46.3	202.3
160	0.125	0.874	0.717	59.9	−33.1	−26.0	42.1	218.1	6.5	198	0.0	1.0	0.788	56.5	−40.3	−23.0	46.4	209.6
161	0.125	0.874	0.778	56.0	−30.7	−37.5	48.5	230.7	13.6	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9

Mean color difference of this page: **delta** **12.3**

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RE630−7N, Page 21/33−F

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to $cmyk^*_{de}$

1−1132030−F0

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
162	R00Y_025_025de	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.061	23.8	14.8	7.0	16.4	25.4	0.25	0.0	0.125	27.6	12.4	13.9	18.6	48.2	8.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
163	R00Y_025_025de	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.228	24.1	17.5	−2.4	17.7	352.0	0.25	0.0	0.147	26.6	15.4	3.1	15.7	11.5	6.4	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
164	B50R_025_025de	0.25	0.0	0.25	0.25	0.25	0.125	330	0.116	0.0	0.25	21.1	12.2	−7.4	14.3	328.6	0.125	0.0	0.125	27.9	23.4	−8.3	24.9	340.4	13.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
165	B34R_037_037de	0.25	0.0	0.375	0.375	0.375	0.187	311	0.06	0.0	0.375	21.9	12.6	−14.7	19.4	310.5	0.125	0.0	0.25	29.1	27.1	−16.1	31.5	329.2	16.2	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
166	B25R_050_050de	0.25	0.0	0.5	0.5	0.5	0.25	300	0.004	0.0	0.5	24.0	12.5	−21.6	25.0	300.1	0.04	0.0	0.277	29.7	31.5	−22.8	38.9	324.1	19.8	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
167	B19R_062_062de	0.25	0.0	0.625	0.625	0.625	0.312	293	0.0	0.039	0.625	26.9	12.2	−28.0	30.6	293.5	0.008	0.0	0.355	30.1	35.9	−27.9	45.5	322.1	24.0	266	0.0	0.062	1.0	33.2	19.5	−44.8	48.9	293.5
168	B15R_075_075de	0.25	0.0	0.75	0.75	0.75	0.375	289	0.0	0.076	0.75	29.6	12.2	−34.1	36.2	289.7	0.006	0.021	0.442	30.6	38.8	−31.1	49.7	321.2	26.7	264	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
169	B13R_087_087de	0.25	0.0	0.875	0.875	0.875	0.437	286	0.0	0.114	0.875	32.3	12.2	−40.2	42.1	286.9	0.014	0.077	0.553	31.0	39.9	−34.5	52.8	319.0	28.2	263	0.0	0.13	1.0	34.6	13.9	−46.0	48.1	286.9
170	B11R_100_100de	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.149	1.0	34.8	12.5	−46.7	48.3	285.0	0.013	0.177	0.874	31.2	39.0	−35.9	53.1	317.3	28.8	262	0.0	0.149	1.0	34.8	12.5	−46.7	48.3	285.0
171	R50Y_025_025de	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.066	0.0	27.5	9.4	15.6	18.3	58.8	0.227	0.011	0.0	31.6	1.6	20.1	20.2	85.3	9.8	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
172	R00Y_025_012de	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.155	30.1	7.4	3.5	8.2	25.4	0.238	0.129	0.158	29.9	6.6	8.1	10.5	50.7	4.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
173	B50R_025_012de	0.25	0.125	0.25	0.25	0.125	0.187	330	0.183	0.124	0.25	28.7	6.1	−3.7	7.1	328.6	0.194	0.128	0.192	32.1	13.5	−6.9	15.2	332.9	8.8	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
174	B25R_037_025de	0.25	0.125	0.375	0.375	0.25	0.25	300	0.127	0.124	0.375	30.2	6.2	−10.8	12.5	300.1	0.178	0.132	0.241	34.3	14.4	−15.5	21.2	312.9	10.2	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
175	B15R_050_037de	0.25	0.125	0.5	0.5	0.375	0.312	289	0.124	0.163	0.5	33.0	6.1	−17.0	18.1	289.7	0.182	0.154	0.333	36.0	18.5	−22.2	28.9	309.8	13.8	264	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
176	B11R_062_050de	0.25	0.125	0.625	0.625	0.5	0.375	284	0.125	0.199	0.625	35.6	6.2	−23.3	24.1	285.0	0.165	0.167	0.432	38.9	21.5	−27.8	35.1	307.6	16.2	262	0.0	0.149	1.0	34.8	12.5	−46.7	48.3	285.0
177	B09R_075_062de	0.25	0.125	0.75	0.75	0.625	0.437	281	0.125	0.236	0.75	38.1	6.4	−29.7	30.4	282.1	0.124	0.171	0.542	39.5	25.2	−32.9	41.5	307.4	19.1	260	0.0	0.177	1.0	35.2	10.2	−47.6	48.7	282.1
178	B07R_087_075de	0.25	0.125	0.875	0.875	0.75	0.5	279	0.125	0.272	0.875	40.6	6.5	−36.1	36.7	280.2	0.103	0.199	0.673	35.9	31.9	−37.3	49.1	310.5	25.8	259	0.0	0.196	1.0	35.4	8.7	−48.1	48.9	280.2
179	B06R_100_087de	0.25	0.125	1.0	1.0	0.875	0.562	278	0.125	0.305	1.0	43.1	6.9	−42.3	42.9	279.3	0.162	0.308	0.868	35.5	30.6	−38.1	48.9	308.7	25.2	258	0.0	0.206	1.0	35.5	7.9	−48.4	49.0	279.3
180	Y00G_025_025de	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.197	0.0	33.3	−0.7	19.4	19.4	92.3	0.241	0.17	0.035	38.0	−7.2	29.9	30.8	103.5	13.2	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
181	Y00G_025_012de	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.223	0.124	34.8	−0.3	9.7	9.7	92.3	0.249	0.214	0.152	37.1	−4.8	15.4	16.1	107.3	7.5	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
182	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	35.1	0.0	−1.1	1.1	269.9	1.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
183	B00R_037_012de	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.285	0.375	39.0	0.1	−6.2	6.2	271.7	0.268	0.277	0.309	37.8	3.6	−16.3	16.7	282.4	10.7	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
184	B00R_050_025de	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.321	0.5	41.6	0.3	−12.4	12.4	271.7	0.279	0.301	0.37	41.5	6.0	−22.2	23.0	285.1	11.3	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
185	B00R_062_037de	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.356	0.625	44.3	0.5	−18.6	18.6	271.7	0.272	0.32	0.469	45.6	8.5	−25.4	26.8	288.6	10.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
186	B00R_075_050de	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.392	0.75	46.9	0.7	−24.8	24.8	271.7	0.243	0.331	0.593	46.2	13.1	−30.7	33.4	293.2	13.7	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
187	B00R_087_062de	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.428	0.875	49.6	0.9	−31.0	31.0	271.7	0.236	0.364	0.755	40.8	20.2	−39.1	44.0	297.4	22.7	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
188	B00R_100_075de	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.463	1.0	52.2	1.1	−37.2	37.2	271.7	0.277	0.445	0.874	38.9	22.0	−39.6	45.3	299.0	24.9	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
189	Y31G_037_037de	0.25	0.375	0.0	0.375	0.375	0.187	109	0.219	0.375	0.0	39.8	−12.3	27.1	29.7	114.4	0.223	0.314	0.018	42.0	−13.5	33.2	35.8	112.1	6.5	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
190	Y50G_037_025de	0.25	0.375	0.125	0.375	0.25	0.25	120	0.22	0.375	0.124	39.6	−10.9	14.3	18.0	127.2	0.212	0.305	0.117	44.6	−13.2	18.9	23.1	125.0	7.1	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
191	G00B_037_012de	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.269	41.1	−7.8	2.5	8.2	162.2	0.254	0.34	0.249	43.2	−11.1	3.3	11.6	163.3	4.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
192	G50B_037_012de	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.358	41.2	−4.7	−3.5	5.9	216.9	0.264	0.324	0.297	44.0	−8.9	−14.2	16.8	237.9	11.8	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
193	G75B_050_025de	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.421	0.5	45.0	−5.8	−12.2	13.5	244.3	0.279	0.369	0.387	46.5	−4.8	−21.2	21.7	257.2	9.1	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
194	G84B_062_037de	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.444	0.625	47.5	−5.2	−18.8	19.6	254.3	0.27	0.394	0.486	49.2	−1.9	−25.5	25.6	265.6	7.6	238	0.0	0.518	1.0	46.3	−14.0	−50.3	52.2	254.3
195	G88B_075_050de	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.473	0.75	50.1	−4.8	−25.0	25.5	258.9	0.25	0.425	0.611	50.5	0.0	−29.9	29.9	270.1	7.0	243	0.0	0.446	1.0	43.9	−9.7	−50.1	51.0	258.9
196	G90B_087_062de	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.502	0.875	52.7	−4.5	−31.1	31.4	261.6	0.249	0.468	0.775	48.6	5.5	−39.6	39.9	277.9	13.7	246	0.0	0.404	1.0	42.6	−7.2	−49.8	50.3	261.6
197	G92B_100_075de	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.531	1.0	55.3	−4.2	−37.1	37.4	263.5	0.308	0.573	0.953	44.9	9.9	−40.7	41.9	283.7	17.9	248	0.0	0.375	1.0	41.7	−5.6	−49.5	49.8	263.5
198	Y50G_050_050de	0.25	0.5	0.0	0.5	0.5	0.25	120	0.19	0.5	0.0	42.9	−21.8	28.7	36.1	127.2	0.204	0.411	0.017	47.0	−24.5	37.8	45.1	122.9	10.3	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
199	Y68G_050_037de	0.25	0.5	0.125	0.5	0.375	0.312	131	0.219	0.5	0.124	43.5	−20.0	16.7	26.1	140.0	0.196	0.41	0.107	49.7	−21.9	22.1	31.1	134.7	8.3	135	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
200	G00B_050_025de	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.288	45.9	−15.6	5.0	16.4	162.2	0.253	0.441	0.255	47.9	−20.3	7.1	21.5	160.6	5.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
201	G25B_050_025de	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.387	46.4	−12.1	−2.0	12.2	189.6	0.268	0.424	0.315	48.6	−15.6	−7.2	17.2	204.8	6.6	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
202	G50B_050_025de	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.467	46.2	−9.4	−7.1	11.8	216.9	0.275	0.406	0.353	51.5	−12.9	−19.9	23.7	237.1	14.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
203	G65B_062_037de	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.578	0.625	49.9	−11.6	−16.2	20.0	234.3	0.258	0.474	0.464	52.1	−8.6	−25.4	26.9	251.3	9.9	216	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
204	G75B_075_050de	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.592	0.75	53.8	−11.7	−24.5	27.1	244.3	0.249	0.554	0.621	53.7	−6.8	−28.9	29.8	256.6	6.6	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
205	G80B_087_062de	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.612	0.875	56.4	−10.9	−31.4	33.2	250.7	0.246	0.601	0.798	53.8	−5.6	−37.1	37.5	261.3	8.1	234	0.0	0.579	1.0	48.4	−17.5	−50.2	53.2	250.7
206	G84B_100_075de	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.638	1.0	58.8	−10.5	−37.7	39.2	254.3	0.297	0.664	0.981	47.1	0.7	−42.7	42.8	271.0	17.0	238	0.0	0.518	1.0	46.3	−14.0	−50.3	52.2	254.3
207	Y61G_062_062de	0.25	0.625	0.0	0.625	0.625	0.312	127	0.186	0.625	0.0	46.7	−31.4	30.9	44.1	135.4	0.2	0.516	0.028	51.6	−35.6	41.0	54.3	130.9	11.9	133	0.297	1.0	0.0	64.9	−50.3	49.5	70.6	135.4
208	Y76G_062_050de	0.25	0.625	0.125	0.625	0.5	0.375	136	0.206	0.625	0.125	47.8	−29.0	19.6	35.0	145.9	0.186	0.531	0.11	54.4	−29.8	25.4	39.2	139.5	8.7	141	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9
209	G00B_062_037de	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.307	50.7	−23.5	7.5	24.7	162.2	0.248	0.562	0.269	53.3	−27.9	12.4	30.5	156.0	7.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
210	G15B_062_037de	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.41	51.2	−20.0	0.1	20.0	179.5	0.254	0.553	0.338	54.9	−23.1	0.0	23.1	180.1	4.8	175	0.0	1.0	0.428	55.9	−53.5	0.4	53.5	179.5
211	G34B_062_037de	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.499	51.6	−16.4	−5.8	17.4	199.6	0.268	0.533	0.394	55.8	−20.1	−13.0	23.9	213.0	9.1	190	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199.6
212	G50B_062_037de	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.575	51.1	−14.2	−10.7	17.8	216.9	0.268	0.51	0.429	56.1	−15.5	−23.3	28.0	236.3	13.6	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
213	G61B_075_050de	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.75	0.745	54.7	−16.7	−19.7	25.9	229.7	0.24	0.598	0.563	57.1	−12.4	−28.9	31.4	246.6	10.3	209	0.0	1.0	0.99	53.2	−33.4	−39.5	51.8	229.7
214	G69B_087_062de	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.75	0.875	59.0	−17.9	−28.7	33.8	237.9	0.217	0.701	0.759	57.1	−10.5	−34.3	35.9	252.8	9.4	220	0.0	0.8	1.0	52.6	−28.7	−45.9	54.2	237.9
215	G75B_100_075de	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.764	1.0	62.5	−17.6	−36.7	40.7	244.3	0.249	0.797	0.976	55.1	−10.3	−41.2	42.5	255.8	11.2	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
216	Y68G_075_075de	0.25	0.75	0.0	0.75	0.75	0.375	131	0.188	0.75	0.0	50.8	−40.1	33.5	52.3	140.0	0.199	0.618	0.033	58.9	−42.3	46.5	62.9	132.3	15.4	135	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
217	Y81G_075_062de	0.25	0.75	0.125	0.75	0.625	0.437	139	0.187	0.75	0.125	52.1	−38.0	22.5	44.2	149.4	0.165	0.655	0.114	57.9	−36.8	29.6	47.3	141.1	9.3	144	0.099	1.0	0.0	57.5	−60.8	36.0	70.7	149.4
218	G00B_075_050de	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.326	55.5	−31.3	10.0	32.9	162.2	0.222	0.681	0.289	58.9	−34.0	18.3	38.6	151.6	9.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
219	G11B_075_050de	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.434	55.9	−27.9	2.4	28.0	175.0	0.227	0.668	0.364	60.5	−31.1	8.2	32.2	165.2	8.0	171	0.0	1.0	0.368	55.4	−55.8	4.8	56.0	175.0
220	G25B_075_050de	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.524	56.5	−24.2	−4.0	24.5	189.6	0.241	0.656	0.432	62.0	−26.5	−3.7	26.8	188.1	5.9	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
221	G38B_075_050de	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.612	56.6	−21.0	−9.4	23.0	204.2	0.257	0.636	0.48	62.2	−21.9	−15.0	26.6	214.3	7.9	194	0.0	1.0	0.725	56.9	−42.1	−18.9	46.1	204.2
222	G50B_075_050de	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.684	56.1	−18.9	−14.2	23.7	216.9	0.257	0.62	0.52	61.9	−19.0	−25.6	31.9	233.3	12.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
223	G59B_087_062de	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.875	0.852	59.7	−21.6	−23.2	31.7	227.0	0.209	0.726	0.684	61.5	−16.5	−31.9	35.9	242.6	10.2	208	0.0	1.0	0.964	53.8	−34.6	−37.2	50.8	227.0
224	G65B_100_075de	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.906	1.0	63.4	−23.3	−32.5	40.0	234.3	0.21	0.866	0.905	60.9	−16.4	−39.4	42.7	247.3	10.0	216	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
225	Y73G_087_087de	0.25	0.875	0.0	0.875	0.875	0.437	134	0.174	0.875	0.0	55.0	−49.2	36.3	61.2	143.5	0.17	0.73	0.027	63.5	−50.0	47.7	69.1	136.3	14.2	139	0.199	1.0	0.0	60.5	−56.2	41.5	69.9	143.5
226	Y85G_087_075de	0.25	0.875	0.125	0.875	0.75	0.5	141	0.155	0.875	0.125	56.2	−47.3	25.4	53.7	151.7	0.131	0.778	0.113	64.6	−48.7	35.2	60.1	144.1	12.9	147	0.04	1.0	0.0	56.2	−63.1	33.9	71.7	151.7
227	G00B_087_062de	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.345	60.2	−39.2	12.5	41.1	162.2	0.209	0.793	0.313	64.8	−45.6	23.5	51.3	152.7	13.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
228	G09B_087_062de	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.453	60.6	−35.8	4.8	36.2	172.2	0.209	0.782	0.395	66.5	−40.4	11.9	42.2	163.5	10.2	168	0.0	1.0	0.325	55.3	−57.4	7.8	57.9	172.2
229	G19B_087_062de	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.546	61.3	−32.1	−1.8	32.2	183.2	0.214	0.776	0.465	66.9	−35.7	−0.4	35.7	180.7	6.7	178	0.0	1.0	0.475	56.3	−51.5	−2.8	51.5	183.2
230	G30B_087_062de	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.637	61.7	−28.2	−8.1	29.4	195.9	0.222	0.767	0.535	67.4	−30.7	−9.6	32.2	197.3	6.3	187	0.0	1.0	0.62	57.0	−45.2	−12.9	47.0	195.9
231	G40B_087_062de	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.724	61.6	−25.6	−13.0	28.8	206.9	0.224	0.758	0.588	65.8	−26.0	−19.6	32.6	217.0	7.8	196	0.0	1.0	0.759	56.8	−41.0	−20.8	46.0	206.9
232	G50B_087_062de	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.792	61.0	−23.7	−17.8	29.7	216.9	0.218	0.747	0.633	66.2	−22.2	−29.6	37.0	233.0	12.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
233	G57B_100_075de	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	1.0	0.96	64.7	−26.5	−26.7	37.6	225.1	0.213	0.874	0.83	64.7	−18.6	−35.8	40.4	242.4	12.0	207	0.0	1.0	0.947	54.2	−35.4	−35.6	50.2	225.1
234	Y76G_100_100de	0.25	1.0	0.0	1.0	1.0	0.5	136	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9	0.146	0.874	0.017	62.2	−53.6	44.5	69.7	140.2	7.4	141	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9
235	Y86G_100_087de	0.25	1.0	0.125	1.0	0.875	0.562	142	0.134	1.0	0.125	60.6	−56.2	28.7	63.1	152.9	0.135	0.874	0.125	64.1	−49.0	34.6	60.0	144.7	9.9	149	0.011	1.0	0.0	55.5	−64.2	32.9	72.2	152.9
236	G00B_100_075de	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.364	65.0	−47.0	15.0	49.4	162.2	0.25	1.0	0.375	62.6	−49.8	26.2	56.3	152.2	11.7	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
237	G07B_100_075de	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.471	65.4	−43.7	7.3	44.3	170.4	0.21	0.874	0.41	62.7	−47.1	15.1	49.4	162.1	8.8	166	0.0	1.0	0.295	55.1	−58.3	9.8	59.1	170.4
238	G15B_100_075de	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.571	66.0	−40.1	0.3	40.1	179.5	0.215	0.874	0.486	63.7	−41.5	3.0	41.6	175.8	3.8	175	0.0	1.0	0.428	55.9	−53.5	0.4	53.5	179.5
239	G25B_100_075de	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.661	66.6	−36.3	−6.1	36.8	189.6	0.221	0.874	0.575	64.1	−35.6	−9.9	36.9	195.6	4.6	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
240	G34B_100_075de	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.749	66.8	−32.9	−11.7	34.9	199.6	0.222	0.874	0.623	65.2	−31.2	−15.8	35.0	206.8	4.6	190	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199.6
241	G42B_100_075de	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.834	66.5	−30.4	−16.7	34.7	208.7	0.273	1.0	0.749	65.0	−27.2	−23.8	36.1	221.1	7.9	197	0.0	1.0	0.779	56.6	−40.6	−22.3	46.3	208.7
242	G50B_100_075de	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	0.901	65.9	−28.4	−21.4	35.6	216.9	0.229	0.874	0.749	61.1	−25.3	−35.2	43.4	234.2	14.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9

Mean color difference of this page: delta **11.6**

1−1132130−F0

RE630−7N, Page 22/33−F

TUB-test chart RE63; 1080 standard colours, cf=1
colors and differences, $\Delta E'*$

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmyk*_{de}$

TUB registration: 20150701-RE63/RE63L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6* (CMYK)

see similar files: http://130.149.60.45/~farbmetrik/RE63/RE63.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−1132130−F0

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 23/33

n	HIC*$_{Fde}$	*rgb*$_{\_Fde}$			*ict*$_{\_Fde}$			$h_{si\_F,de}$	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'**$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
243	R00Y_037_037de	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.091	27.5	22.2	10.5	24.6	25.4	0.302	0.0	0.056	30.3	27.2	22.2	35.2	39.2	13.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
244	R18Y_037_037de	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.233	27.5	24.3	1.8	24.4	4.3	0.301	0.0	0.152	32.0	25.7	9.6	27.5	20.4	9.0	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
245	B65R_037_037de	0.375	0.0	0.25	0.375	0.375	0.187	349	0.332	0.0	0.375	27.0	24.5	−5.8	25.2	346.6	0.259	0.0	0.224	31.0	30.7	−0.5	30.7	358.9	9.1	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
246	B50R_037_037de	0.375	0.0	0.375	0.375	0.375	0.187	330	0.175	0.0	0.375	23.4	18.3	−11.1	21.4	328.6	0.125	0.0	0.25	31.9	36.7	−9.1	37.8	345.9	20.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
247	B38R_050_050de	0.375	0.0	0.5	0.5	0.5	0.25	316	0.111	0.0	0.5	23.8	18.7	−18.5	26.3	315.3	0.14	0.0	0.25	31.7	39.1	−15.6	42.1	338.1	22.0	282	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3
248	B30R_062_062de	0.375	0.0	0.625	0.625	0.625	0.312	307	0.068	0.0	0.625	25.7	19.1	−25.6	32.0	306.8	0.125	0.0	0.375	32.2	42.3	−21.3	47.4	333.2	24.4	275	0.11	0.0	1.0	31.3	30.7	−41.0	51.2	306.8
249	B25R_075_075de	0.375	0.0	0.75	0.75	0.75	0.375	300	0.006	0.0	0.75	27.9	18.8	−32.4	37.5	300.1	0.026	0.0	0.433	32.4	45.0	−26.9	52.5	329.1	27.1	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
250	B20R_087_087de	0.375	0.0	0.875	0.875	0.875	0.437	295	0.0	0.037	0.875	30.7	18.5	−38.9	43.1	295.4	0.033	0.039	0.557	33.3	45.9	−30.6	55.2	326.2	28.7	267	0.0	0.043	1.0	32.7	21.1	−44.4	49.2	295.4
251	B18R_100_100de	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.072	1.0	33.4	18.7	−45.0	48.8	292.5	0.0	0.101	0.874	33.4	45.6	−32.1	55.7	324.8	29.8	266	0.0	0.072	1.0	33.4	18.7	−45.0	48.8	292.5
252	R31Y_037_037de	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.053	0.0	30.4	19.6	20.8	28.6	46.6	0.334	0.021	0.0	37.2	9.7	29.1	30.7	71.4	14.5	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
253	R00Y_037_025de	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.186	33.8	14.8	7.0	16.4	25.4	0.329	0.102	0.175	37.6	12.2	16.9	20.9	54.0	10.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
254	R00Y_037_025de	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.353	34.1	17.5	−2.4	17.7	352.0	0.321	0.113	0.26	36.0	18.0	2.8	18.3	9.0	5.6	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
255	B50R_037_025de	0.375	0.125	0.375	0.375	0.25	0.25	330	0.241	0.124	0.375	31.1	12.2	−7.4	14.3	328.6	0.229	0.114	0.241	38.4	25.0	−9.1	26.6	339.8	14.8	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
256	B34R_050_037de	0.375	0.125	0.5	0.5	0.375	0.312	311	0.185	0.124	0.5	31.9	12.6	−14.7	19.4	310.5	0.213	0.108	0.325	39.4	26.4	−15.5	30.6	329.5	15.7	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
257	B25R_062_050de	0.375	0.125	0.625	0.625	0.5	0.375	300	0.129	0.125	0.625	34.0	12.5	−21.6	25.0	300.1	0.197	0.122	0.429	39.7	30.2	−21.3	37.0	324.7	18.5	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
258	B19R_075_062de	0.375	0.125	0.75	0.75	0.625	0.437	293	0.125	0.164	0.75	36.8	12.2	−28.0	30.6	293.5	0.161	0.137	0.538	41.6	31.4	−27.1	41.5	319.1	19.7	266	0.0	0.062	1.0	33.2	19.5	−44.8	48.9	293.5
259	B15R_087_075de	0.375	0.125	0.875	0.875	0.75	0.5	289	0.125	0.201	0.875	39.6	12.2	−34.1	36.2	289.7	0.133	0.155	0.662	37.8	39.8	−33.8	52.2	319.6	27.6	264	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
260	B13R_100_087de	0.375	0.125	1.0	1.0	0.875	0.562	286	0.125	0.239	1.0	42.3	12.2	−40.2	42.1	286.9	0.196	0.278	0.859	37.6	37.9	−34.7	51.4	317.5	26.7	263	0.0	0.13	1.0	34.6	13.9	−46.0	48.1	286.9
261	R68Y_037_037de	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.157	0.0	35.9	8.9	26.1	27.6	71.1	0.352	0.121	0.01	42.7	−0.4	38.3	38.3	90.6	16.7	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
262	R50Y_037_025de	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.191	0.124	37.5	9.4	15.6	18.3	58.8	0.353	0.148	0.131	45.4	0.8	22.4	22.4	87.9	13.4	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
263	R00Y_037_012de	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.28	40.0	7.4	3.5	8.2	25.4	0.341	0.226	0.254	43.6	6.9	7.0	9.8	45.4	4.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
264	B50R_037_012de	0.375	0.25	0.375	0.375	0.125	0.312	330	0.308	0.249	0.375	38.7	6.1	−3.7	7.1	328.6	0.302	0.233	0.297	44.8	11.9	−7.0	13.8	329.3	9.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
265	B25R_050_025de	0.375	0.25	0.5	0.5	0.25	0.375	300	0.252	0.249	0.5	40.2	6.2	−10.8	12.5	300.1	0.298	0.25	0.359	45.7	14.8	−15.6	21.5	313.5	11.2	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
266	B15R_062_037de	0.375	0.25	0.625	0.625	0.375	0.437	289	0.25	0.288	0.625	43.0	6.1	−17.0	18.1	289.7	0.295	0.273	0.456	47.0	17.3	−21.6	27.7	308.6	12.7	264	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
267	B11R_075_050de	0.375	0.25	0.75	0.75	0.5	0.5	284	0.25	0.324	0.75	45.6	6.2	−23.3	24.1	285.0	0.271	0.283	0.578	48.2	18.8	−26.9	32.9	305.0	13.4	262	0.0	0.149	1.0	34.8	12.5	−46.7	48.3	285.0
268	B09R_087_062de	0.375	0.25	0.875	0.875	0.625	0.562	281	0.25	0.361	0.875	48.1	6.4	−29.7	30.4	282.1	0.249	0.31	0.731	44.4	27.0	−34.8	44.0	307.8	21.5	260	0.0	0.177	1.0	35.2	10.2	−47.6	48.7	282.1
269	B07R_100_075de	0.375	0.25	1.0	1.0	0.75	0.625	279	0.25	0.397	1.0	50.6	6.5	−36.1	36.7	280.2	0.296	0.392	0.856	42.4	27.3	−36.1	45.3	307.0	22.3	259	0.0	0.196	1.0	35.4	8.7	−48.1	48.9	280.2
270	Y00G_037_037de	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.296	0.0	41.7	−1.1	29.1	29.1	92.3	0.341	0.244	0.052	51.8	−10.2	44.8	45.9	102.9	20.7	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
271	Y00G_037_025de	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.322	0.124	43.3	−0.7	19.4	19.4	92.3	0.34	0.257	0.136	54.0	−8.6	31.8	32.9	105.1	18.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
272	Y00G_037_012de	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.348	0.249	44.8	−0.3	9.7	9.7	92.3	0.343	0.3	0.232	51.5	−5.6	13.8	14.9	112.1	9.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
273	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	49.3	0.1	−1.1	1.1	276.0	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
274	B00R_050_012de	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.41	0.5	49.0	0.1	−6.2	6.2	271.7	0.362	0.373	0.411	50.4	2.7	−14.3	14.6	280.9	8.6	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
275	B00R_062_025de	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.446	0.625	51.6	0.3	−12.4	12.4	271.7	0.376	0.402	0.49	51.6	5.4	−20.3	21.1	284.8	9.4	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
276	B00R_075_037de	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.481	0.75	54.3	0.5	−18.6	18.6	271.7	0.387	0.444	0.609	53.0	7.9	−25.5	26.7	287.3	10.1	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
277	B00R_087_050de	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.517	0.875	56.9	0.7	−24.8	24.8	271.7	0.397	0.487	0.762	51.7	14.5	−34.3	37.3	293.0	17.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
278	B00R_100_062de	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.553	1.0	59.6	0.9	−31.0	31.0	271.7	0.395	0.525	0.868	48.4	16.5	−36.0	39.7	294.6	19.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
279	Y23G_050_050de	0.375	0.5	0.0	0.5	0.5	0.25	104	0.337	0.5	0.0	50.4	−13.6	40.4	42.6	108.6	0.341	0.432	0.028	51.3	−14.3	49.0	51.0	106.2	8.7	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
280	Y31G_050_037de	0.375	0.5	0.125	0.5	0.375	0.312	109	0.344	0.5	0.124	49.8	−12.3	27.1	29.7	114.4	0.313	0.397	0.113	57.7	−15.0	33.8	37.0	114.0	10.7	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
281	Y50G_050_025de	0.375	0.5	0.25	0.5	0.25	0.375	120	0.345	0.5	0.249	49.6	−10.9	14.3	18.0	127.2	0.32	0.409	0.219	56.7	−13.1	17.2	21.6	127.2	7.9	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
282	G00B_050_012de	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.394	51.1	−7.8	2.5	8.2	162.2	0.344	0.434	0.337	56.1	−10.1	3.5	10.7	160.9	5.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
283	G50B_050_012de	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.483	51.2	−4.7	−3.5	5.9	216.9	0.356	0.427	0.398	56.7	−7.4	−11.0	13.3	236.1	9.6	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
284	G75B_062_025de	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.546	0.625	55.0	−5.8	−12.2	13.5	244.3	0.366	0.476	0.5	55.8	−4.2	−19.8	20.2	257.9	7.7	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
285	G84B_075_037de	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.569	0.75	57.5	−5.2	−18.8	19.6	254.3	0.384	0.523	0.628	56.4	−2.1	−24.9	25.0	265.0	6.9	238	0.0	0.518	1.0	46.3	−14.0	−50.3	52.2	254.3
286	G88B_087_050de	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.598	0.875	60.1	−4.8	−25.0	25.5	258.9	0.389	0.564	0.771	58.1	1.7	−33.0	33.0	273.0	10.5	243	0.0	0.446	1.0	43.9	−9.7	−50.1	51.0	258.9
287	G90B_100_062de	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.627	1.0	62.7	−4.5	−31.1	31.4	261.6	0.422	0.638	0.946	53.2	6.8	−36.1	36.7	280.8	15.6	246	0.0	0.404	1.0	42.6	−7.2	−49.8	50.3	261.6
288	Y38G_062_062de	0.375	0.625	0.0	0.625	0.625	0.312	113	0.324	0.625	0.0	53.0	−23.1	41.5	47.5	119.1	0.324	0.564	0.032	55.3	−23.5	50.1	55.4	115.1	8.8	118	0.518	1.0	0.0	75.0	−37.0	66.5	76.1	119.1
289	Y50G_062_050de	0.375	0.625	0.125	0.625	0.5	0.375	120	0.315	0.625	0.125	52.9	−21.8	28.7	36.1	127.2	0.291	0.532	0.109	61.7	−21.7	37.1	43.0	120.3	12.1	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
290	Y68G_062_037de	0.375	0.625	0.25	0.625	0.375	0.437	131	0.344	0.625	0.25	53.5	−20.0	16.7	26.1	140.0	0.304	0.538	0.219	61.4	−21.3	22.1	30.7	133.9	9.6	135	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
291	G00B_062_025de	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.413	55.9	−15.6	5.0	16.4	162.2	0.337	0.545	0.35	61.8	−19.4	8.0	21.0	157.4	7.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
292	G25B_062_025de	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.512	56.4	−12.1	−2.0	12.2	189.6	0.354	0.529	0.42	62.1	−14.8	−4.0	15.3	195.3	6.6	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
293	G50B_062_025de	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.592	56.2	−9.4	−7.1	11.8	216.9	0.361	0.51	0.462	63.4	−12.8	−15.6	20.2	230.4	11.6	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
294	G65B_075_037de	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.703	0.75	59.9	−11.6	−16.2	20.0	234.3	0.349	0.589	0.599	62.2	−9.9	−24.4	26.3	247.8	8.6	216	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
295	G75B_087_050de	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.717	0.875	63.8	−11.7	−24.5	27.1	244.3	0.374	0.661	0.771	62.4	−7.6	−29.2	30.1	255.3	6.4	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
296	G80B_100_062de	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.737	1.0	66.3	−10.9	−31.4	33.2	250.7	0.401	0.728	0.966	58.1	−4.4	−37.0	37.3	263.1	11.9	234	0.0	0.579	1.0	48.4	−17.5	−50.2	53.2	250.7
297	Y50G_075_075de	0.375	0.75	0.0	0.75	0.75	0.375	120	0.285	0.75	0.0	56.2	−32.8	43.1	54.2	127.2	0.297	0.667	0.026	63.5	−31.8	55.8	64.3	119.6	14.7	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
298	Y61G_075_062de	0.375	0.75	0.125	0.75	0.625	0.437	127	0.311	0.75	0.125	56.7	−31.4	30.9	44.1	135.4	0.273	0.665	0.108	66.7	−30.6	40.3	50.6	127.1	13.7	133	0.297	1.0	0.0	64.9	−50.3	49.5	70.6	135.4
299	Y76G_075_050de	0.375	0.75	0.25	0.75	0.5	0.5	136	0.331	0.75	0.25	57.8	−29.0	19.6	35.0	145.9	0.286	0.673	0.227	66.3	−28.8	25.8	38.7	138.1	10.4	141	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9
300	G00B_075_037de	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.432	60.7	−23.5	7.5	24.7	162.2	0.324	0.665	0.369	66.8	−25.9	13.3	29.2	152.7	8.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
301	G15B_075_037de	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.535	61.1	−20.0	0.1	20.0	179.5	0.334	0.653	0.446	68.0	−22.0	3.1	22.2	171.8	7.7	175	0.0	1.0	0.428	55.9	−53.5	0.4	53.5	179.5
302	G34B_075_037de	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.624	61.5	−16.4	−5.8	17.4	199.6	0.351	0.636	0.51	67.6	−19.1	−9.9	21.5	207.4	7.7	190	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199.6
303	G50B_075_037de	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.7	61.1	−14.2	−10.7	17.8	216.9	0.354	0.615	0.552	67.7	−17.3	−21.2	27.4	230.7	12.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
304	G61B_087_050de	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.875	0.87	64.7	−16.7	−19.7	25.9	229.7	0.341	0.715	0.705	67.4	−13.8	−28.2	31.4	243.8	9.3	209	0.0	1.0	0.99	53.2	−33.4	−39.5	51.8	229.7
305	G69B_100_062de	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.875	1.0	69.0	−17.9	−28.7	33.8	237.9	0.347	0.84	0.899	66.5	−13.0	−33.3	35.7	248.6	7.1	220	0.0	0.8	1.0	52.6	−28.7	−45.9	54.2	237.9
306	Y58G_087_087de	0.375	0.875	0.0	0.875	0.875	0.437	125	0.28	0.875	0.0	60.0	−42.5	45.4	62.2	133.0	0.259	0.771	0.015	67.9	−38.7	57.9	69.7	123.7	15.2	131	0.32	1.0	0.0	66.2	−48.5	51.9	71.1	133.0
307	Y68G_087_075de	0.375	0.875	0.125	0.875	0.75	0.5	131	0.313	0.875	0.125	60.8	−40.1	33.5	52.3	140.0	0.263	0.788	0.116	71.1	−38.6	47.1	60.9	129.3	17.1	135	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
308	Y81G_087_062de	0.375	0.875	0.25	0.875	0.625	0.562	139	0.312	0.875	0.25	62.1	−38.0	22.5	44.2	149.4	0.266	0.798	0.238	71.0	−36.0	30.3	47.1	139.9	12.0	144	0.099	1.0	0.0	57.5	−60.8	36.0	70.7	149.4
309	G00B_087_050de	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.451	65.4	−31.3	10.0	32.9	162.2	0.302	0.793	0.398	72.6	−34.0	20.4	39.6	149.0	12.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
310	G11B_087_050de	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.559	65.9	−27.9	2.4	28.0	175.0	0.305	0.785	0.48	73.1	−30.5	8.4	31.7	164.5	9.7	171	0.0	1.0	0.368	55.4	−55.8	4.8	56.0	175.0
311	G25B_087_050de	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.649	66.5	−24.2	−4.0	24.5	189.6	0.323	0.776	0.556	72.4	−26.9	−2.4	27.0	185.2	6.6	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
312	G38B_087_050de	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.737	66.6	−21.0	−9.4	23.0	204.2	0.341	0.761	0.611	71.6	−23.8	−14.3	27.7	211.0	7.4	194	0.0	1.0	0.725	56.9	−42.1	−18.9	46.1	204.2
313	G50B_087_050de	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.809	66.1	−18.9	−14.2	23.7	216.9	0.345	0.743	0.655	71.6	−19.1	−26.4	32.6	234.0	13.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
314	G59B_100_062de	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	1.0	0.977	69.7	−21.6	−23.2	31.7	227.0	0.336	0.871	0.827	70.4	−16.4	−31.2	35.2	242.2	9.5	208	0.0	1.0	0.964	53.8	−34.6	−37.2	50.8	227.0
315	Y63G_100_100de	0.375	1.0	0.0	1.0	1.0	0.5	128	0.286	1.0	0.0	64.2	−51.1	48.4	70.4	136.5	0.288	1.0	0.0	69.3	−44.0	57.2	72.1	127.5	12.4	133	0.286	1.0	0.0	64.2	−51.1	48.4	70.4	136.5
316	Y73G_100_087de	0.375	1.0	0.125	1.0	0.875	0.562	134	0.299	1.0	0.125	65.0	−49.2	36.3	61.2	143.5	0.253	0.874	0.119	69.7	−43.0	47.7	64.2	131.9	13.8	139	0.199	1.0	0.0	60.5	−56.2	41.5	69.9	143.5
317	Y85G_100_075de	0.375	1.0	0.25	1.0	0.75	0.625	141	0.28	1.0	0.25	66.2	−47.3	25.4	53.7	151.7	0.25	0.874	0.244	70.8	−39.2	31.4	50.2	141.2	11.1	147	0.04	1.0	0.0	56.2	−63.1	33.9	71.7	151.7
318	G00B_100_062de	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.47	70.2	−39.2	12.5	41.1	162.2	0.291	0.874	0.376	70.5	−38.1	22.9	44.5	148.9	10.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
319	G09B_100_062de	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.578	70.6	−35.8	4.8	36.2	172.2	0.302	0.874	0.494	71.1	−34.5	13.1	36.9	159.2	8.3	168	0.0	1.0	0.325	55.3	−57.4	7.8	57.9	172.2
320	G19B_100_062de	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.671	71.3	−32.1	−1.8	32.2	183.2	0.374	1.0	0.623	71.8	−30.4	0.7	30.4	178.6	3.1	178	0.0	1.0	0.475	56.3	−51.5	−2.8	51.5	183.2
321	G30B_100_062de	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.762	71.7	−28.2	−8.1	29.4	195.9	0.376	1.0	0.734	71.4	−26.3	−11.6	28.8	203.8	4.0	187	0.0	1.0	0.62	57.0	−45.2	−12.9	47.0	195.9
322	G40B_100_062de	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.849	71.6	−25.6	−13.0	28.8	206.9	0.376	1.0	0.788	71.2	−23.7	−18.0	29.8	217.1	5.3	196	0.0	1.0	0.759	56.8	−41.0	−20.8	46.0	206.9
323	G50B_100_062de	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	0.917	71.0	−23.7	−17.8	29.7	216.9	0.367	0.946	0.815	70.0	−19.9	−28.6	34.8	235.1	11.4	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9

Mean color difference of this page: delta 12.6

1-1132230-F0 RE630-7N, Page 23/33-F

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to $cmyk^*_{de}$

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 24/33

n	HIC^*_{Fde}	$rgb_{\_Fde}$			$ict_{\_Fde}$			$h_{si\_F,de}$	rgb^*_{Fde}			$LabCh^*_{Fde}$					rgb'^*_{Fde}			$LabCh'^*_{Fde}$					DE'^*_{Fde}	$h_{siM,de}$	rgb^*_{Mde}			$LabCh^*_{Mde}$				
324	R00Y_050_050de	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.122	31.3	29.6	14.1	32.8	25.4	0.4	0.0	0.087	32.6	38.4	27.1	47.1	35.2	15.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
325	R26Y_050_050de	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.26	31.1	31.4	5.4	31.9	9.8	0.397	0.0	0.182	34.4	34.7	17.7	38.9	27.0	13.0	358	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
326	R00Y_050_050de	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.457	31.8	35.0	−4.8	35.4	352.0	0.392	0.0	0.325	33.6	37.5	6.2	38.0	9.4	11.5	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
327	B61R_050_050de	0.5	0.0	0.375	0.5	0.5	0.25	344	0.37	0.0	0.5	28.9	29.9	−9.7	31.4	341.8	0.296	0.0	0.314	33.5	42.3	−3.5	42.5	355.1	14.6	315	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
328	B50R_050_050de	0.5	0.0	0.5	0.5	0.5	0.25	330	0.233	0.0	0.5	25.8	24.4	−14.9	28.6	328.6	0.25	0.0	0.299	34.4	45.4	−10.4	46.6	347.0	23.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
329	B40R_062_062de	0.5	0.0	0.625	0.625	0.625	0.312	319	0.164	0.0	0.625	25.8	24.8	−22.2	33.3	318.1	0.137	0.0	0.376	34.6	48.3	−16.4	51.0	341.2	25.7	284	0.263	0.0	1.0	31.4	39.8	−35.6	53.4	318.1
330	B34R_075_075de	0.5	0.0	0.75	0.75	0.75	0.375	311	0.121	0.0	0.75	27.5	25.3	−29.5	38.9	310.5	0.125	0.0	0.456	35.0	49.8	−22.9	54.9	335.2	26.4	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
331	B29R_087_087de	0.5	0.0	0.875	0.875	0.875	0.437	305	0.07	0.0	0.875	29.5	25.4	−36.5	44.5	304.9	0.082	0.015	0.581	36.1	51.2	−26.9	57.8	332.2	28.2	274	0.081	0.0	1.0	31.4	29.1	−41.7	50.8	304.9
332	B25R_100_100de	0.5	0.0	1.0	1.0	1.0	0.5	300	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1	0.036	0.045	0.874	35.9	50.0	−28.9	57.8	329.9	28.9	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
333	R23Y_050_050de	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.04	0.0	33.6	28.3	24.7	37.6	41.0	0.442	0.032	0.023	39.0	21.7	35.4	41.5	58.5	13.7	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
334	R00Y_050_037de	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.216	37.5	22.2	10.5	24.6	25.4	0.446	0.101	0.208	41.0	20.3	23.3	30.9	48.8	13.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
335	R18Y_050_037de	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.358	37.5	24.3	1.8	24.4	4.3	0.435	0.108	0.293	40.0	23.2	10.0	25.2	23.3	8.6	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
336	B65R_050_037de	0.5	0.125	0.375	0.5	0.375	0.312	349	0.457	0.124	0.5	37.0	24.5	−5.8	25.2	346.6	0.376	0.109	0.34	40.1	28.2	−1.4	28.3	357.1	6.5	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
337	B50R_050_037de	0.5	0.125	0.5	0.5	0.375	0.312	330	0.3	0.124	0.5	33.4	18.3	−11.1	21.4	328.6	0.278	0.1	0.334	41.6	33.7	−10.4	35.2	342.8	17.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
338	B38R_062_050de	0.5	0.125	0.625	0.625	0.5	0.375	316	0.236	0.125	0.625	33.8	18.7	−18.5	26.3	315.3	0.249	0.098	0.428	41.6	37.5	−16.3	40.9	336.4	20.4	282	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3
339	B30R_075_062de	0.5	0.125	0.75	0.75	0.625	0.437	307	0.193	0.125	0.75	35.7	19.1	−25.6	32.0	306.8	0.217	0.107	0.538	42.9	39.4	−21.9	45.1	330.9	21.8	275	0.11	0.0	1.0	31.3	30.7	−41.0	51.2	306.8
340	B25R_087_075de	0.5	0.125	0.875	0.875	0.75	0.5	300	0.131	0.125	0.875	37.9	18.8	−32.4	37.5	300.1	0.175	0.117	0.651	41.1	45.0	−29.4	53.8	326.8	26.6	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
341	B20R_100_087de	0.5	0.125	1.0	1.0	0.875	0.562	295	0.125	0.162	1.0	40.7	18.5	−38.9	43.1	295.4	0.222	0.236	0.857	39.2	43.3	−31.4	53.5	324.0	25.9	267	0.0	0.043	1.0	32.7	21.1	−44.4	49.2	295.4
342	R50Y_050_050de	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.133	0.0	38.7	18.9	31.3	36.6	58.8	0.469	0.123	0.024	44.3	7.9	41.5	42.3	79.1	15.9	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
343	R31Y_050_037de	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.178	0.124	40.4	19.6	20.8	28.6	46.6	0.484	0.124	0.139	47.9	7.3	28.4	29.4	75.4	16.3	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
344	R00Y_050_025de	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.311	43.8	14.8	7.0	16.4	25.4	0.465	0.214	0.289	46.3	11.1	14.3	18.1	52.1	8.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
345	R00Y_050_025de	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.478	44.1	17.5	−2.4	17.7	352.0	0.446	0.215	0.37	46.9	16.0	1.3	16.1	4.7	4.9	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
346	B50R_050_025de	0.5	0.25	0.5	0.5	0.25	0.375	330	0.366	0.249	0.5	41.0	12.2	−7.4	14.3	328.6	0.342	0.216	0.353	49.4	20.8	−9.3	22.8	335.8	12.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
347	B34R_062_037de	0.5	0.25	0.625	0.625	0.375	0.437	311	0.31	0.25	0.625	41.9	12.6	−14.7	19.4	310.5	0.327	0.224	0.442	48.1	25.2	−15.7	29.7	328.0	14.0	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
348	B25R_075_050de	0.5	0.25	0.75	0.75	0.5	0.5	300	0.254	0.25	0.75	44.0	12.5	−21.6	25.0	300.1	0.305	0.236	0.561	49.9	26.2	−21.0	33.6	321.1	14.8	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
349	B19R_087_062de	0.5	0.25	0.875	0.875	0.625	0.562	293	0.25	0.289	0.875	46.8	12.2	−28.0	30.6	293.5	0.281	0.262	0.708	47.5	32.8	−30.0	44.5	317.5	20.7	266	0.0	0.062	1.0	33.2	19.5	−44.8	48.9	293.5
350	B15R_100_075de	0.5	0.25	1.0	1.0	0.75	0.625	289	0.25	0.326	1.0	49.6	12.2	−34.1	36.2	289.7	0.33	0.352	0.844	44.2	33.7	−32.0	46.5	316.4	22.2	264	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
351	R76Y_050_050de	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.249	0.0	44.2	8.5	36.3	37.3	76.7	0.484	0.233	0.035	48.8	−1.2	47.1	47.1	91.5	15.2	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
352	R68Y_050_037de	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.282	0.124	45.9	8.9	26.1	27.6	71.1	0.478	0.223	0.125	55.4	−1.8	35.6	35.6	92.9	17.1	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
353	R50Y_050_025de	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.316	0.249	47.5	9.4	15.6	18.3	58.8	0.501	0.269	0.246	54.3	0.8	19.9	19.9	87.4	11.7	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
354	R00Y_050_012de	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.405	50.0	7.4	3.5	8.2	25.4	0.467	0.331	0.36	53.1	5.6	5.0	7.5	41.7	3.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
355	B50R_050_012de	0.5	0.375	0.5	0.5	0.125	0.437	330	0.433	0.375	0.5	48.7	6.1	−3.7	7.1	328.6	0.405	0.331	0.399	54.6	10.6	−7.2	12.8	325.7	8.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
356	B25R_062_025de	0.5	0.375	0.625	0.625	0.25	0.5	300	0.377	0.375	0.625	50.2	6.2	−10.8	12.5	300.1	0.404	0.351	0.479	54.5	15.0	−14.1	20.6	316.8	10.3	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
357	B15R_075_037de	0.5	0.375	0.75	0.75	0.375	0.562	289	0.375	0.413	0.75	52.9	6.1	−17.0	18.1	289.7	0.412	0.393	0.597	55.5	15.7	−19.5	25.1	308.8	10.2	264	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
358	B11R_087_050de	0.5	0.375	0.875	0.875	0.5	0.625	284	0.375	0.449	0.875	55.6	6.2	−23.3	24.1	285.0	0.416	0.428	0.75	53.8	22.1	−29.8	37.1	306.6	17.2	262	0.0	0.149	1.0	34.8	12.5	−46.7	48.3	285.0
359	B09R_100_062de	0.5	0.375	1.0	1.0	0.625	0.687	281	0.375	0.486	1.0	58.1	6.4	−29.7	30.4	282.1	0.421	0.476	0.852	51.1	22.5	−31.5	38.8	305.5	17.6	260	0.0	0.177	1.0	35.2	10.2	−47.6	48.7	282.1
360	Y00G_050_050de	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.395	0.0	50.2	−1.5	38.8	38.8	92.3	0.459	0.34	0.058	58.5	−10.2	57.3	58.2	100.0	22.0	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
361	Y00G_050_037de	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.421	0.124	51.7	−1.1	29.1	29.1	92.3	0.445	0.332	0.14	62.8	−9.9	42.3	43.4	103.1	19.2	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
362	Y00G_050_025de	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.447	0.249	53.3	−0.7	19.4	19.4	92.3	0.465	0.37	0.239	62.4	−7.8	27.0	28.1	106.2	13.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
363	Y00G_050_012de	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.473	0.375	54.8	−0.3	9.7	9.7	92.3	0.466	0.414	0.336	61.3	−4.4	11.0	11.8	112.1	7.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
364	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	59.2	0.1	−1.0	1.0	279.0	3.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
365	B00R_062_012de	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.535	0.625	58.9	0.1	−6.2	6.2	271.7	0.48	0.496	0.537	61.1	3.0	−12.8	13.2	283.3	7.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
366	B00R_075_025de	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.571	0.75	61.6	0.3	−12.4	12.4	271.7	0.489	0.523	0.614	61.6	5.4	−18.1	19.0	286.7	7.7	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
367	B00R_087_037de	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.606	0.875	64.3	0.5	−18.6	18.6	271.7	0.49	0.564	0.759	62.3	9.7	−27.0	28.7	289.7	12.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
368	B00R_100_050de	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.642	1.0	66.9	0.7	−24.8	24.8	271.7	0.516	0.618	0.907	57.5	11.5	−30.8	32.9	290.5	15.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
369	Y18G_062_062de	0.5	0.625	0.0	0.625	0.625	0.312	101	0.457	0.625	0.0	61.2	−14.6	54.1	56.1	105.1	0.482	0.589	0.036	61.6	−14.7	60.5	62.3	103.7	6.3	104	0.732	1.0	0.0	88.1	−23.4	86.6	89.7	105.1
370	Y23G_062_050de	0.5	0.625	0.125	0.625	0.5	0.375	104	0.462	0.625	0.125	60.4	−13.6	40.4	42.6	108.6	0.438	0.524	0.111	66.8	−14.9	47.4	49.7	107.4	9.5	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
371	Y31G_062_037de	0.5	0.625	0.25	0.625	0.375	0.437	109	0.469	0.625	0.25	59.8	−12.3	27.1	29.7	114.4	0.428	0.514	0.209	67.3	−14.3	32.4	35.4	113.7	9.3	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
372	Y50G_062_025de	0.5	0.625	0.375	0.625	0.25	0.5	120	0.47	0.625	0.375	59.6	−10.9	14.3	18.0	127.2	0.427	0.525	0.317	67.3	−12.0	17.6	21.3	124.3	8.4	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
373	G00B_062_012de	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.519	61.1	−7.8	2.5	8.2	162.2	0.448	0.546	0.448	68.1	−9.6	4.1	10.5	156.5	7.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
374	G50B_062_012de	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.608	61.2	−4.7	−3.5	5.9	216.9	0.465	0.543	0.517	67.3	−6.7	−11.6	13.5	239.8	10.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
375	G75B_075_025de	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.671	0.75	65.0	−5.8	−12.2	13.5	244.3	0.477	0.595	0.618	67.6	−3.4	−16.4	16.7	258.2	5.4	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
376	G84B_087_037de	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.694	0.875	67.5	−5.2	−18.8	19.6	254.3	0.481	0.64	0.773	67.7	−1.3	−23.9	23.9	266.7	6.4	238	0.0	0.518	1.0	46.3	−14.0	−50.3	52.2	254.3
377	G88B_100_050de	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.723	1.0	70.1	−4.8	−25.0	25.5	258.9	0.522	0.707	0.938	63.6	1.8	−29.9	30.0	273.4	10.5	243	0.0	0.446	1.0	43.9	−9.7	−50.1	51.0	258.9
378	Y31G_075_075de	0.5	0.75	0.0	0.75	0.75	0.375	109	0.439	0.75	0.0	63.3	−24.6	54.2	59.5	114.4	0.424	0.695	0.028	69.6	−23.0	66.2	70.1	109.1	13.6	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
379	Y38G_075_062de	0.5	0.75	0.125	0.75	0.625	0.437	113	0.449	0.75	0.125	63.0	−23.1	41.5	47.5	119.1	0.395	0.655	0.107	71.8	−22.7	54.0	58.6	112.8	15.2	118	0.518	1.0	0.0	75.0	−37.0	66.5	76.1	119.1
380	Y50G_075_050de	0.5	0.75	0.25	0.75	0.5	0.5	120	0.44	0.75	0.25	62.9	−21.8	28.7	36.1	127.2	0.39	0.642	0.209	72.1	−21.4	35.7	41.7	120.9	11.5	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
381	Y68G_075_037de	0.5	0.75	0.375	0.75	0.375	0.562	131	0.469	0.75	0.375	63.5	−20.0	16.7	26.1	140.0	0.4	0.643	0.321	73.0	−20.2	22.1	29.9	132.4	10.8	135	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
382	G00B_075_025de	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.538	65.9	−15.6	5.0	16.4	162.2	0.428	0.656	0.462	73.0	−16.4	10.1	19.2	148.2	8.7	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
383	G25B_075_025de	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.637	66.4	−12.1	−2.0	12.2	189.6	0.45	0.641	0.534	72.9	−13.8	−1.9	13.9	187.8	6.7	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
384	G50B_075_025de	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.717	66.2	−9.4	−7.1	11.8	216.9	0.465	0.622	0.575	73.7	−12.5	−15.0	19.5	230.3	11.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
385	G65B_087_037de	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.828	0.875	69.8	−11.6	−16.2	20.0	234.3	0.461	0.709	0.732	72.6	−9.9	−22.4	24.5	246.1	6.9	216	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
386	G75B_100_050de	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.842	1.0	73.8	−11.7	−24.5	27.1	244.3	0.503	0.815	0.938	69.6	−7.8	−28.8	29.9	254.7	7.1	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
387	Y41G_087_087de	0.5	0.875	0.0	0.875	0.875	0.437	115	0.421	0.875	0.0	66.2	−34.1	55.8	65.4	121.4	0.384	0.802	0.015	74.1	−29.9	67.7	74.0	113.8	14.8	121	0.482	1.0	0.0	73.3	−39.0	63.8	74.7	121.4
388	Y50G_087_075de	0.5	0.875	0.125	0.875	0.75	0.5	120	0.41	0.875	0.125	66.2	−32.8	43.1	54.2	127.2	0.365	0.77	0.103	76.3	−29.2	56.4	63.6	117.4	17.0	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
389	Y61G_087_062de	0.5	0.875	0.25	0.875	0.625	0.562	127	0.436	0.875	0.25	66.7	−31.4	30.9	44.1	135.4	0.365	0.773	0.209	75.7	−28.7	37.5	47.2	127.5	11.4	133	0.297	1.0	0.0	64.9	−50.3	49.5	70.6	135.4
390	Y76G_087_050de	0.5	0.875	0.375	0.875	0.5	0.625	136	0.456	0.875	0.375	67.8	−29.0	19.6	35.0	145.9	0.374	0.778	0.326	75.8	−27.6	24.0	36.6	138.9	9.2	141	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9
391	G00B_087_037de	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.557	70.6	−23.5	7.5	24.7	162.2	0.408	0.786	0.489	77.2	−25.3	14.4	29.1	150.3	9.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
392	G15B_087_037de	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.66	71.1	−20.0	0.1	20.0	179.5	0.429	0.779	0.574	78.2	−22.9	5.3	23.5	166.9	9.2	175	0.0	1.0	0.428	55.9	−53.5	0.4	53.5	179.5
393	G34B_087_037de	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.749	71.5	−16.4	−5.8	17.4	199.6	0.455	0.762	0.641	77.5	−19.6	−7.8	21.1	201.8	7.0	190	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199.6
394	G50B_087_037de	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.825	71.1	−14.2	−10.7	17.8	216.9	0.462	0.739	0.682	77.5	−15.5	−20.5	25.7	232.9	11.8	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
395	G61B_100_050de	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	1.0	0.995	74.7	−16.7	−19.7	25.9	229.7	0.46	0.85	0.84	74.6	−13.1	−26.3	29.4	243.5	7.5	209	0.0	1.0	0.99	53.2	−33.4	−39.5	51.8	229.7
396	Y50G_100_100de	0.5	1.0	0.0	1.0	1.0	0.5	120	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2	0.381	1.0	0.0	73.9	−38.0	64.8	75.2	120.4	10.2	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
397	Y58G_100_087de	0.5	1.0	0.125	1.0	0.875	0.562	125	0.405	1.0	0.125	70.0	−42.5	45.4	62.2	133.0	0.379	1.0	0.145	75.2	−36.4	56.9	67.5	122.6	13.9	131	0.32	1.0	0.0	66.2	−48.5	51.9	71.1	133.0
398	Y68G_100_075de	0.5	1.0	0.25	1.0	0.75	0.625	131	0.438	1.0	0.25	70.8	−40.1	33.5	52.3	140.0	0.376	1.0	0.236	74.9	−35.2	42.0	54.8	130.0	10.6	135	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
399	Y81G_100_062de	0.5	1.0	0.375	1.0	0.625	0.687	139	0.437	1.0	0.375	72.0	−38.0	22.5	44.2	149.4	0.375	1.0	0.375	76.5	−30.9	26.7	40.9	139.2	9.3	144	0.099	1.0	0.0	57.5	−60.8	36.0	70.7	149.4
400	G00B_100_050de	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.576	75.4	−31.3	10.0	32.9	162.2	0.405	0.874	0.501	77.7	−27.5	17.5	32.6	147.4	8.7	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
401	G11B_100_050de	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.684	75.8	−27.9	2.4	28.0	175.0	0.42	0.874	0.622	78.0	−25.5	9.2	27.1	160.1	7.5	171	0.0	1.0	0.368	55.4	−55.8	4.8	56.0	175.0
402	G25B_100_050de	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.774	76.5	−24.2	−4.0	24.5	189.6	0.453	0.874	0.703	77.5	−21.6	−5.3	22.2	193.8	3.0	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
403	G38B_100_050de	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.862	76.6	−21.0	−9.4	23.0	204.2	0.486	0.98	0.791	76.7	−19.5	−13.7	23.9	215.1	4.5	194	0.0	1.0	0.725	56.9	−42.1	−18.9	46.1	204.2
404	G50B_100_050de	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.934	76.0	−18.9	−14.2	23.7	216.9	0.471	0.873	0.797	75.5	−15.9	−24.6	29.3	237.0	10.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9

Mean color difference of this page: **delta** **12.7**

1-1132330-F0

RE630−7N, Page 24/33−F

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to $cmyk^*_{de}$

1-1132330-F0

TUB registration: 20150701-RE63/RE63L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6* (CMYK)

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
405	R00Y_062_062de	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.153	35.0	37.0	17.6	41.0	25.4	0.534	0.001	0.143	35.7	44.9	29.4	53.7	33.2	14.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
406	R31Y_062_062de	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.288	34.8	38.6	9.0	39.6	13.2	0.541	0.008	0.247	36.9	42.3	23.1	48.2	28.6	14.7	362	1.0	0.0	0.461	45.9	61.7	14.5	63.4	13.2
407	R11Y_062_062de	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.44	35.0	41.7	−0.1	41.7	359.8	0.544	0.015	0.364	35.6	44.0	13.1	46.0	16.5	13.4	346	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359.8
408	B69R_062_062de	0.625	0.0	0.375	0.625	0.625	0.312	353	0.613	0.0	0.625	35.6	43.4	−7.3	44.1	350.4	0.524	0.02	0.467	35.3	46.7	2.9	46.8	3.6	10.7	329	0.981	0.0	1.0	47.2	69.5	−11.7	70.5	350.4
409	B59R_062_062de	0.625	0.0	0.5	0.625	0.625	0.312	341	0.427	0.0	0.625	31.2	36.0	−13.8	38.6	339.0	0.348	0.0	0.435	36.0	50.4	−5.4	50.7	353.8	17.3	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
410	B50R_062_062de	0.625	0.0	0.625	0.625	0.625	0.312	330	0.292	0.0	0.625	28.2	30.5	−18.6	35.8	328.6	0.25	0.0	0.415	36.7	53.6	−12.4	55.1	346.9	25.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
411	B42R_075_075de	0.625	0.0	0.75	0.75	0.75	0.375	321	0.221	0.0	0.75	28.1	31.1	−26.0	40.5	320.0	0.198	0.0	0.501	37.9	54.9	−18.4	58.0	341.4	26.8	286	0.295	0.0	1.0	32.0	41.4	−34.7	54.0	320.0
412	B36R_087_087de	0.625	0.0	0.875	0.875	0.875	0.437	314	0.173	0.0	0.875	29.3	31.5	−33.3	45.8	313.4	0.152	0.005	0.617	38.7	55.5	−22.5	59.9	337.8	27.9	280	0.198	0.0	1.0	31.2	36.0	−38.0	52.4	313.4
413	B31R_100_100de	0.625	0.0	1.0	1.0	1.0	0.5	308	0.124	0.0	1.0	31.2	31.4	−40.6	51.4	307.7	0.124	0.0	1.0	38.7	55.4	−24.5	60.6	336.0	29.7	276	0.124	0.0	1.0	31.2	31.4	−40.6	51.4	307.7
414	R18Y_062_062de	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.027	0.0	36.8	36.4	28.2	46.0	37.7	0.57	0.039	0.043	40.9	30.7	38.1	49.0	51.1	12.2	32	1.0	0.044	0.0	49.0	58.3	45.1	73.7	37.7
415	R00Y_062_050de	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.247	41.3	29.6	14.1	32.8	25.4	0.585	0.112	0.251	43.7	29.0	29.8	41.5	45.7	15.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
416	R26Y_062_050de	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.385	41.1	31.4	5.4	31.9	9.8	0.575	0.114	0.343	42.8	30.4	16.5	34.6	28.4	11.2	358	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
417	R00Y_062_050de	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.582	41.8	35.0	−4.8	35.4	352.0	0.557	0.116	0.47	42.8	33.1	5.5	33.6	9.4	10.6	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
418	B61R_062_050de	0.625	0.125	0.5	0.625	0.5	0.375	344	0.495	0.125	0.625	38.9	29.9	−9.7	31.4	341.8	0.433	0.108	0.444	43.9	37.4	−3.0	37.5	355.4	11.2	315	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
419	B50R_062_050de	0.625	0.125	0.625	0.625	0.5	0.375	330	0.358	0.125	0.625	35.8	24.4	−14.9	28.6	328.6	0.322	0.097	0.433	44.1	42.4	−11.4	43.9	344.8	20.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
420	B40R_075_062de	0.625	0.125	0.75	0.75	0.625	0.437	319	0.289	0.125	0.75	35.8	24.8	−22.2	33.3	318.1	0.283	0.094	0.538	45.3	45.1	−17.2	48.2	339.0	22.8	284	0.263	0.0	1.0	31.4	39.8	−35.6	53.4	318.1
421	B34R_087_075de	0.625	0.125	0.875	0.875	0.75	0.5	311	0.246	0.125	0.875	37.5	25.3	−29.5	38.9	310.5	0.249	0.102	0.667	44.7	49.7	−23.4	55.0	334.7	26.2	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
422	B29R_100_087de	0.625	0.125	1.0	1.0	0.875	0.562	305	0.195	0.125	1.0	39.5	25.4	−36.5	44.5	304.9	0.264	0.188	0.849	42.4	48.2	−27.0	55.3	330.6	24.7	274	0.081	0.0	1.0	31.4	29.1	−41.7	50.8	304.9
423	R38Y_062_062de	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.116	0.0	41.4	29.4	36.5	46.9	51.0	0.615	0.128	0.022	45.9	17.1	43.9	47.2	68.7	15.1	40	1.0	0.186	0.0	56.5	47.1	58.4	75.1	51.0
424	R23Y_062_050de	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.165	0.125	43.5	28.3	24.7	37.6	41.0	0.614	0.13	0.17	51.1	15.1	33.4	36.7	65.6	17.5	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
425	R00Y_062_037de	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.341	47.5	22.2	10.5	24.6	25.4	0.595	0.215	0.329	50.7	17.7	20.6	27.2	49.2	11.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
426	R18Y_062_037de	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.483	47.5	24.3	1.8	24.4	4.3	0.579	0.214	0.417	50.7	21.4	8.5	23.1	21.8	8.0	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
427	B65R_062_037de	0.625	0.25	0.5	0.625	0.375	0.437	349	0.582	0.25	0.625	47.0	24.5	−5.8	25.2	346.6	0.526	0.212	0.473	51.5	25.2	−1.5	25.2	356.5	6.2	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
428	B50R_062_037de	0.625	0.25	0.625	0.625	0.375	0.437	330	0.425	0.25	0.625	43.4	18.3	−11.1	21.4	328.6	0.389	0.207	0.443	52.1	30.6	−11.1	32.5	340.0	15.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
429	B38R_075_050de	0.625	0.25	0.75	0.75	0.5	0.5	316	0.361	0.25	0.75	43.7	18.7	−18.5	26.3	315.3	0.362	0.21	0.548	53.0	31.8	−15.2	35.2	334.4	16.3	282	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3
430	B30R_087_062de	0.625	0.25	0.875	0.875	0.625	0.562	307	0.318	0.25	0.875	45.7	19.1	−25.6	32.0	306.8	0.343	0.222	0.691	51.4	39.9	−24.0	46.6	328.8	21.5	275	0.11	0.0	1.0	31.3	30.7	−41.0	51.2	306.8
431	B25R_100_075de	0.625	0.25	1.0	1.0	0.75	0.625	300	0.256	0.25	1.0	47.9	18.8	−32.4	37.5	300.1	0.363	0.3	0.833	47.5	39.9	−27.2	48.3	325.7	21.7	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
432	R61Y_062_062de	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.224	0.0	47.3	18.0	42.0	45.7	66.6	0.632	0.242	0.027	50.2	5.5	49.2	49.5	83.5	14.7	50	1.0	0.359	0.0	65.9	28.9	67.2	73.1	66.6
433	R50Y_062_050de	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.258	0.125	48.7	18.9	31.3	36.6	58.8	0.616	0.213	0.132	57.9	4.5	39.8	40.1	83.5	19.0	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
434	R31Y_062_037de	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.303	0.25	50.4	19.6	20.8	28.6	46.6	0.637	0.238	0.252	57.7	7.7	25.4	26.6	73.1	14.8	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
435	R00Y_062_025de	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.436	53.8	14.8	7.0	16.4	25.4	0.596	0.321	0.404	57.4	9.9	13.2	16.5	52.9	8.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
436	R00Y_062_025de	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.603	54.0	17.5	−2.4	17.7	352.0	0.579	0.318	0.5	58.3	13.3	2.5	13.6	10.8	7.7	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
437	B50R_062_025de	0.625	0.375	0.625	0.625	0.25	0.5	330	0.491	0.375	0.625	51.0	12.2	−7.4	14.3	328.6	0.47	0.323	0.476	58.5	19.1	−8.6	21.0	335.6	10.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
438	B34R_075_037de	0.625	0.375	0.75	0.75	0.375	0.562	311	0.435	0.375	0.75	51.9	12.6	−14.7	19.4	310.5	0.453	0.345	0.583	58.3	21.3	−14.0	25.5	326.6	10.8	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
439	B25R_087_050de	0.625	0.375	0.875	0.875	0.5	0.625	300	0.379	0.375	0.875	54.0	12.5	−21.6	25.0	300.1	0.446	0.37	0.732	59.0	28.8	−22.8	36.8	321.6	17.0	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
440	B19R_100_062de	0.625	0.375	1.0	1.0	0.625	0.687	293	0.375	0.414	1.0	56.8	12.2	−28.0	30.6	293.5	0.457	0.435	0.843	54.6	29.0	−26.5	39.3	317.5	17.0	266	0.0	0.062	1.0	33.2	19.5	−44.8	48.9	293.5
441	R81Y_062_062de	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.359	0.0	52.7	8.2	47.0	47.7	80.0	0.641	0.353	0.035	59.8	−3.5	59.7	59.8	93.3	18.7	64	1.0	0.574	0.0	74.5	13.1	75.2	76.3	80.0
442	R76Y_062_050de	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.374	0.125	54.2	8.5	36.3	37.3	76.7	0.606	0.317	0.123	64.6	−4.1	48.7	48.9	94.8	20.5	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
443	R68Y_062_037de	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.407	0.25	55.9	8.9	26.1	27.6	71.1	0.613	0.348	0.231	64.9	−1.9	32.2	32.3	93.3	15.3	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
444	R50Y_062_025de	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.441	0.375	57.5	9.4	15.6	18.3	58.8	0.622	0.377	0.351	64.7	0.6	19.0	19.0	87.9	11.8	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
445	R00Y_062_012de	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.53	60.0	7.4	3.5	8.2	25.4	0.588	0.441	0.485	64.0	4.8	5.9	7.7	50.8	5.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
446	B50R_062_012de	0.625	0.5	0.625	0.625	0.125	0.562	330	0.558	0.5	0.625	58.7	6.1	−3.7	7.1	328.6	0.531	0.452	0.528	64.5	10.1	−6.6	12.1	326.7	7.6	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
447	B25R_075_025de	0.625	0.5	0.75	0.75	0.25	0.625	300	0.502	0.5	0.75	60.1	6.2	−10.8	12.5	300.1	0.522	0.475	0.609	64.8	12.6	−12.7	18.0	314.7	8.1	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
448	B15R_087_037de	0.625	0.5	0.875	0.875	0.375	0.687	289	0.5	0.538	0.875	62.9	6.1	−17.0	18.1	289.7	0.527	0.514	0.751	66.6	18.0	−20.6	27.3	311.1	12.9	264	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
449	B11R_100_050de	0.625	0.5	1.0	1.0	0.5	0.75	284	0.5	0.574	1.0	65.5	6.2	−23.3	24.1	285.0	0.529	0.554	0.859	62.6	18.2	−24.2	30.3	306.9	12.3	262	0.0	0.149	1.0	34.8	12.5	−46.7	48.3	285.0
450	Y00G_062_062de	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.494	0.0	58.7	−1.9	48.5	48.6	92.3	0.59	0.45	0.069	68.8	−11.7	69.1	70.1	99.6	24.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
451	Y00G_062_050de	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.52	0.125	60.2	−1.5	38.8	38.8	92.3	0.574	0.436	0.151	71.9	−11.2	56.2	57.3	101.3	23.0	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
452	Y00G_062_037de	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.546	0.25	61.7	−1.1	29.1	29.1	92.3	0.581	0.462	0.244	72.4	−9.6	39.2	40.4	103.8	17.0	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
453	Y00G_062_025de	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.572	0.375	63.2	−0.7	19.4	19.4	92.3	0.587	0.492	0.347	72.3	−7.0	25.9	26.8	105.2	12.7	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
454	Y00G_062_012de	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.598	0.5	64.8	−0.3	9.7	9.7	92.3	0.584	0.53	0.455	72.0	−4.3	10.7	11.5	111.9	8.3	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
455	NW_062de	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	0.576	0.565	0.557	69.5	0.1	−0.8	0.8	280.1	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
456	B00R_075_012de	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.66	0.75	68.9	0.1	−6.2	6.2	271.7	0.595	0.614	0.658	71.2	3.2	−11.2	11.7	286.2	6.3	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
457	B00R_087_025de	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.696	0.875	71.6	0.3	−12.4	12.4	271.7	0.599	0.646	0.757	71.9	6.1	−17.9	18.9	289.0	8.0	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
458	B00R_100_037de	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.731	1.0	74.2	0.5	−18.6	18.6	271.7	0.62	0.698	0.911	69.4	7.9	−22.7	24.0	289.3	9.7	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
459	Y15G_075_075de	0.625	0.75	0.0	0.75	0.75	0.375	99	0.597	0.75	0.0	72.0	−15.3	67.6	69.3	102.7	0.599	0.696	0.034	75.3	−16.1	76.3	78.0	101.9	9.3	101	0.796	1.0	0.0	90.6	−20.4	90.1	92.4	102.7
460	Y18G_075_062de	0.625	0.75	0.125	0.75	0.625	0.437	101	0.582	0.75	0.125	71.2	−14.6	54.1	56.1	105.1	0.572	0.659	0.124	76.9	−16.5	60.7	62.9	105.2	8.9	104	0.732	1.0	0.0	88.1	−23.4	86.6	89.7	105.1
461	Y23G_075_050de	0.625	0.75	0.25	0.75	0.5	0.5	104	0.587	0.75	0.25	70.4	−13.6	40.4	42.6	108.6	0.557	0.645	0.218	77.3	−15.3	45.1	47.7	108.7	8.5	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
462	Y31G_075_037de	0.625	0.75	0.375	0.75	0.375	0.562	109	0.594	0.75	0.375	69.8	−12.3	27.1	29.7	114.4	0.543	0.64	0.324	77.9	−13.8	32.9	35.7	112.8	10.0	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
463	Y50G_075_025de	0.625	0.75	0.5	0.75	0.25	0.625	120	0.595	0.75	0.5	69.6	−10.9	14.3	18.0	127.2	0.53	0.643	0.432	77.3	−11.4	20.5	23.5	119.1	9.8	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
464	G00B_075_012de	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.644	71.1	−7.8	2.5	8.2	162.2	0.559	0.666	0.568	77.1	−10.1	6.6	12.1	146.9	7.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
465	G50B_075_012de	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.733	71.2	−4.7	−3.5	5.9	216.9	0.582	0.665	0.644	77.2	−6.5	−8.9	11.1	233.7	8.2	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
466	G75B_087_025de	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.796	0.875	75.0	−5.8	−12.2	13.5	244.3	0.589	0.724	0.769	77.3	−3.3	−15.9	16.3	258.2	5.0	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
467	G84B_100_037de	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.819	1.0	77.5	−5.2	−18.8	19.6	254.3	0.624	0.782	0.944	74.9	−3.3	−22.2	22.5	261.3	4.7	238	0.0	0.518	1.0	46.3	−14.0	−50.3	52.2	254.3
468	Y26G_087_087de	0.625	0.875	0.0	0.875	0.875	0.437	106	0.557	0.875	0.0	73.8	−25.7	67.2	72.0	110.9	0.523	0.824	0.019	81.3	−21.8	79.6	82.6	105.3	15.0	111	0.636	1.0	0.0	82.0	−29.4	76.8	82.3	110.9
469	Y31G_087_075de	0.625	0.875	0.125	0.875	0.75	0.5	109	0.564	0.875	0.125	73.3	−24.6	54.2	59.5	114.4	0.503	0.788	0.13	81.8	−22.0	66.2	69.7	108.4	14.9	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
470	Y38G_087_062de	0.625	0.875	0.25	0.875	0.625	0.562	113	0.574	0.875	0.25	73.0	−23.1	41.5	47.5	119.1	0.505	0.776	0.215	80.6	−20.5	44.2	48.8	114.8	8.5	118	0.518	1.0	0.0	75.0	−37.0	66.5	76.1	119.1
471	Y50G_087_050de	0.625	0.875	0.375	0.875	0.5	0.625	120	0.565	0.875	0.375	72.9	−21.8	28.7	36.1	127.2	0.499	0.765	0.316	81.0	−20.2	33.4	39.1	121.2	9.4	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
472	Y68G_087_037de	0.625	0.875	0.5	0.875	0.375	0.687	131	0.594	0.875	0.5	73.5	−20.0	16.7	26.1	140.0	0.498	0.772	0.436	81.9	−18.6	22.3	29.1	129.8	10.1	135	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
473	G00B_087_025de	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.663	75.8	−15.6	5.0	16.4	162.2	0.539	0.788	0.601	82.9	−16.6	13.2	21.2	141.4	10.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
474	G25B_087_025de	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.762	76.4	−12.1	−2.0	12.2	189.6	0.568	0.772	0.676	82.7	−14.4	0.1	14.4	179.2	7.1	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
475	G50B_087_025de	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.842	76.2	−9.4	−7.1	11.8	216.9	0.583	0.753	0.718	83.1	−11.3	−14.6	18.5	232.2	10.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
476	G65B_100_037de	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	0.953	1.0	79.8	−11.6	−16.2	20.0	234.3	0.577	0.848	0.865	80.4	−10.2	−19.8	22.2	242.7	3.8	216	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
477	Y36G_100_100de	0.625	1.0	0.0	1.0	1.0	0.5	112	0.535	1.0	0.0	76.0	−36.0	67.9	76.9	117.9	0.536	1.0	0.0	81.2	−30.0	75.6	81.4	111.6	11.0	117	0.535	1.0	0.0	76.0	−36.0	67.9	76.9	117.9
478	Y41G_100_087de	0.625	1.0	0.125	1.0	0.875	0.562	115	0.546	1.0	0.125	76.2	−34.1	55.8	65.4	121.4	0.514	0.976	0.142	83.1	−27.9	66.8	72.5	112.7	14.4	121	0.482	1.0	0.0	73.3	−39.0	63.8	74.7	121.4
479	Y50G_100_075de	0.625	1.0	0.25	1.0	0.75	0.625	120	0.535	1.0	0.25	76.2	−32.8	43.1	54.2	127.2	0.522	0.976	0.249	82.0	−28.1	53.5	60.4	117.7	12.7	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
480	Y61G_100_062de	0.625	1.0	0.375	1.0	0.625	0.687	127	0.561	1.0	0.375	76.7	−31.4	30.9	44.1	135.4	0.512	0.999	0.35	81.1	−27.4	38.7	47.5	125.2	9.8	133	0.297	1.0	0.0	64.9	−50.3	49.5	70.6	135.4
481	Y76G_100_050de	0.625	1.0	0.5	1.0	0.5	0.75	136	0.581	1.0	0.5	77.8	−29.0	19.6	35.0	145.9	0.501	1.0	0.49	82.4	−23.3	23.8	33.3	134.4	8.3	141	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9
482	G00B_100_037de	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.682	80.6	−23.5	7.5	24.7	162.2	0.526	0.874	0.623	84.0	−20.0	15.4	25.2	142.4	9.2	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
483	G15B_100_037de	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.785	81.1	−20.0	0.1	20.0	179.5	0.564	1.0	0.749	84.0	−16.9	3.8	17.4	167.3	5.5	175	0.0	1.0	0.428	55.9	−53.5	0.4	53.5	179.5
484	G34B_100_037de	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.874	81.5	−16.4	−5.8	17.4	199.6	0.591	0.984	0.823	82.6	−14.6	−8.1	16.8	209.0	3.1	190	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199.6
485	G50B_100_037de	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	0.95	81.1	−14.2	−10.7	17.8	216.9	0.582	0.876	0.822	81.5	−11.9	−17.9	21.6	236.3	7.6	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9

Mean color difference of this page: delta 13.0

1-1132430-F0 RE630-7N, Page 25/33-F

TUB-test chart RE63; 1080 standard colours, cf=1
colors and differences, $\Delta E'*$

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

1-1132430-F0

TUB registration: 20150701-RE63/RE63L0FP.PDF /.PS   TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6* (CMYK)

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
486	R00Y_075_075de	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.183	38.7	44.4	21.1	49.2	25.4	0.701	0.019	0.17	39.6	49.4	30.9	58.3	32.0	11.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
487	R35Y_075_075de	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.316	38.5	45.8	12.6	47.5	15.4	0.711	0.023	0.297	38.2	48.6	22.7	53.6	25.0	10.4	365	1.0	0.0	0.421	45.9	61.1	16.8	63.3	15.4
488	R18Y_075_075de	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.466	38.7	48.7	3.6	48.8	4.3	0.722	0.026	0.435	37.7	48.9	15.5	51.4	17.6	11.9	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
489	R00Y_075_075de	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.685	39.6	52.6	−7.3	53.1	352.0	0.719	0.032	0.599	37.3	50.7	7.3	51.2	8.2	14.9	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
490	B65R_075_075de	0.75	0.0	0.5	0.75	0.75	0.375	349	0.665	0.0	0.75	37.6	49.0	−11.6	50.4	346.6	0.592	0.027	0.594	37.4	53.7	−1.0	53.7	358.8	11.6	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
491	B57R_075_075de	0.75	0.0	0.625	0.75	0.75	0.375	339	0.484	0.0	0.75	33.5	42.2	−17.7	45.8	337.1	0.417	0.01	0.582	37.8	56.8	−9.0	57.6	350.9	17.6	309	0.646	0.0	1.0	39.2	56.2	−23.7	61.0	337.1
492	B50R_075_075de	0.75	0.0	0.75	0.75	0.75	0.375	330	0.35	0.0	0.75	30.5	36.6	−22.3	42.9	328.6	0.3	0.0	0.556	38.8	58.2	−14.0	59.8	346.4	24.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
493	B43R_087_087de	0.75	0.0	0.875	0.875	0.875	0.437	322	0.272	0.0	0.875	30.3	37.0	−29.9	47.6	321.0	0.242	0.0	0.683	40.2	58.3	−18.4	61.2	342.5	26.2	287	0.31	0.0	1.0	32.3	42.3	−34.2	54.4	321.0
494	B38R_100_100de	0.75	0.0	1.0	1.0	1.0	0.5	316	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3	0.225	0.0	1.0	41.7	60.2	−19.1	63.1	342.3	30.7	282	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3
495	R15Y_075_075de	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.014	0.0	40.0	44.4	31.6	54.5	35.5	0.704	0.033	0.032	47.1	40.4	46.6	61.6	49.0	17.0	30	1.0	0.019	0.0	47.9	59.2	42.2	72.7	35.5
496	R00Y_075_062de	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.278	45.0	37.0	17.6	41.0	25.4	0.726	0.112	0.301	47.4	34.2	32.8	47.4	43.8	15.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
497	R31Y_075_062de	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.413	44.8	38.6	9.0	39.6	13.2	0.717	0.119	0.415	46.9	35.7	23.1	42.6	32.8	14.4	362	1.0	0.0	0.461	45.9	61.7	14.5	63.4	13.2
498	R11Y_075_062de	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.565	45.0	41.7	−0.1	41.7	359.8	0.705	0.123	0.531	45.9	37.7	14.4	40.4	20.9	15.1	346	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359.8
499	B69R_075_062de	0.75	0.125	0.5	0.75	0.625	0.437	353	0.738	0.125	0.75	45.6	43.4	−7.3	44.1	350.4	0.69	0.133	0.619	45.7	42.1	4.9	42.4	6.7	12.4	329	0.981	0.0	1.0	47.2	69.5	−11.7	70.5	350.4
500	B59R_075_062de	0.75	0.125	0.625	0.75	0.625	0.437	341	0.552	0.125	0.75	41.2	36.0	−13.8	38.6	339.0	0.497	0.119	0.567	46.0	46.0	−4.5	46.2	354.3	14.4	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
501	B50R_075_062de	0.75	0.125	0.75	0.75	0.625	0.437	330	0.417	0.125	0.75	38.2	30.5	−18.6	35.8	328.6	0.374	0.102	0.564	46.5	50.1	−13.0	51.8	345.3	22.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
502	B42R_087_075de	0.75	0.125	0.875	0.875	0.75	0.5	321	0.346	0.125	0.875	38.1	31.1	−26.0	40.5	320.0	0.331	0.096	0.678	47.3	52.4	−18.1	55.4	340.9	24.5	286	0.295	0.0	1.0	32.0	41.4	−34.7	54.0	320.0
503	B36R_100_087de	0.75	0.125	1.0	1.0	0.875	0.562	314	0.298	0.125	1.0	39.3	31.5	−33.3	45.8	313.4	0.321	0.145	0.827	46.9	53.1	−21.6	57.3	337.7	25.6	280	0.198	0.0	1.0	31.2	36.0	−38.0	52.4	313.4
504	R31Y_075_075de	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.106	0.0	44.5	39.3	41.7	57.3	46.6	0.717	0.105	0.005	55.4	22.3	55.5	59.8	68.1	24.5	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
505	R18Y_075_062de	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.152	0.125	46.8	36.4	28.2	46.0	37.7	0.755	0.116	0.183	55.1	22.0	39.9	45.6	61.0	20.3	32	1.0	0.044	0.0	49.0	58.3	45.1	73.7	37.7
506	R00Y_075_050de	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.372	51.3	29.6	14.1	32.8	25.4	0.736	0.213	0.393	54.9	23.2	27.4	36.0	49.7	15.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
507	R26Y_075_050de	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.51	51.1	31.4	5.4	31.9	9.8	0.718	0.216	0.495	53.9	26.2	16.8	31.1	32.8	12.8	358	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
508	R00Y_075_050de	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.707	51.8	35.0	−4.8	35.4	352.0	0.713	0.226	0.62	54.0	28.8	8.0	29.9	15.5	14.5	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
509	B61R_075_050de	0.75	0.25	0.625	0.75	0.5	0.5	344	0.62	0.25	0.75	48.9	29.9	−9.7	31.4	341.8	0.582	0.22	0.579	53.8	33.7	−2.3	33.8	356.0	9.6	315	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
510	B50R_075_050de	0.75	0.25	0.75	0.75	0.5	0.5	330	0.483	0.25	0.75	45.8	24.4	−14.9	28.6	328.6	0.458	0.213	0.564	53.8	38.4	−12.4	40.4	342.0	16.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
511	B40R_087_062de	0.75	0.25	0.875	0.875	0.625	0.562	319	0.414	0.25	0.875	45.8	24.8	−22.2	33.3	318.1	0.418	0.209	0.683	54.9	41.2	−17.3	44.7	337.1	19.3	284	0.263	0.0	1.0	31.4	39.8	−35.6	53.4	318.1
512	B34R_100_075de	0.75	0.25	1.0	1.0	0.75	0.625	311	0.371	0.25	1.0	47.5	25.3	−29.5	38.9	310.5	0.425	0.261	0.824	52.9	43.4	−21.9	48.6	333.2	20.3	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
513	R50Y_075_075de	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.2	0.0	50.0	28.3	47.0	54.9	58.8	0.719	0.194	0.02	60.4	11.7	60.4	61.5	79.0	23.7	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
514	R38Y_075_062de	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.241	0.125	51.4	29.4	36.5	46.9	51.0	0.76	0.184	0.131	61.5	11.9	47.0	48.5	75.7	22.7	40	1.0	0.186	0.0	56.5	47.1	58.4	75.1	51.0
515	R23Y_075_050de	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.29	0.25	53.5	28.3	24.7	37.6	41.0	0.77	0.222	0.288	61.4	12.5	31.0	33.4	67.9	18.7	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
516	R00Y_075_037de	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.466	57.5	22.2	10.5	24.6	25.4	0.741	0.32	0.483	60.6	15.7	20.3	25.7	52.2	12.1	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
517	R18Y_075_037de	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.608	57.5	24.3	1.8	24.4	4.3	0.726	0.327	0.575	60.7	17.8	11.1	21.0	31.9	11.7	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
518	B65R_075_037de	0.75	0.375	0.625	0.75	0.375	0.562	349	0.707	0.375	0.75	57.0	24.5	−5.8	25.2	346.6	0.676	0.332	0.623	60.3	22.3	0.0	22.3	359.8	7.0	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
519	B50R_075_037de	0.75	0.375	0.75	0.75	0.375	0.562	330	0.55	0.375	0.75	53.4	18.3	−11.1	21.4	328.6	0.532	0.333	0.589	59.8	27.7	−10.5	29.7	339.1	11.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
520	B38R_087_050de	0.75	0.375	0.875	0.875	0.5	0.625	316	0.486	0.375	0.875	53.7	18.7	−18.5	26.3	315.3	0.506	0.34	0.72	61.0	32.8	−16.9	36.9	332.6	15.8	282	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3
521	B30R_100_062de	0.75	0.375	1.0	1.0	0.625	0.687	307	0.443	0.375	1.0	55.6	19.1	−25.6	32.0	306.8	0.511	0.391	0.833	58.5	35.3	−21.0	41.0	329.2	17.0	275	0.11	0.0	1.0	31.3	30.7	−41.0	51.2	306.8
522	R68Y_075_075de	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.314	0.0	55.6	17.8	52.3	55.3	71.1	0.727	0.291	0.024	64.6	3.2	65.3	65.3	87.1	21.5	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
523	R61Y_075_062de	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.349	0.125	57.3	18.0	42.0	45.7	66.6	0.743	0.296	0.127	67.2	3.1	54.3	54.4	86.6	21.7	50	1.0	0.359	0.0	65.9	28.9	67.2	73.1	66.6
524	R50Y_075_050de	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.383	0.25	58.7	18.9	31.3	36.6	58.8	0.766	0.313	0.239	67.1	4.0	37.6	37.8	83.8	18.1	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
525	R31Y_075_037de	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.428	0.375	60.4	19.6	20.8	28.6	46.6	0.782	0.354	0.385	66.5	7.0	25.8	26.7	74.8	14.9	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
526	R00Y_075_025de	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.561	63.8	14.8	7.0	16.4	25.4	0.74	0.452	0.564	66.5	9.4	15.2	17.8	58.2	10.1	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
527	R00Y_075_025de	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.728	64.0	17.5	−2.4	17.7	352.0	0.731	0.469	0.664	65.7	14.0	3.5	14.5	14.2	7.1	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
528	B50R_075_025de	0.75	0.5	0.75	0.75	0.25	0.625	330	0.616	0.5	0.75	61.0	12.2	−7.4	14.3	328.6	0.597	0.447	0.609	65.3	20.5	−9.2	22.5	335.6	9.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
529	B34R_087_037de	0.75	0.5	0.875	0.875	0.375	0.687	311	0.56	0.5	0.875	61.9	12.6	−14.7	19.4	310.5	0.58	0.466	0.743	67.3	23.5	−15.4	28.1	326.8	12.1	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
530	B25R_100_050de	0.75	0.5	1.0	1.0	0.5	0.75	300	0.504	0.5	1.0	64.0	12.5	−21.6	25.0	300.1	0.561	0.5	0.839	65.9	26.7	−19.0	32.8	324.4	14.5	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
531	R85Y_075_075de	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.468	0.0	61.1	7.7	57.5	58.0	82.2	0.728	0.419	0.031	73.4	−5.5	74.3	74.5	94.2	24.7	68	1.0	0.624	0.0	76.0	10.3	76.7	77.4	82.2
532	R81Y_075_062de	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.484	0.125	62.6	8.2	47.0	47.7	80.0	0.728	0.413	0.133	74.2	−5.1	60.6	60.8	94.8	22.3	64	1.0	0.574	0.0	74.5	13.1	75.2	76.3	80.0
533	R76Y_075_050de	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.499	0.25	64.2	8.5	36.3	37.3	76.7	0.751	0.436	0.234	74.1	−3.6	44.2	44.3	94.6	17.5	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
534	R68Y_075_037de	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.532	0.375	65.9	8.9	26.1	27.6	71.1	0.762	0.481	0.37	73.5	−1.6	32.8	32.8	92.9	14.6	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
535	R50Y_075_025de	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.566	0.5	67.5	9.4	15.6	18.3	58.8	0.762	0.514	0.511	73.1	1.4	21.4	21.5	86.1	11.3	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
536	R00Y_075_012de	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.655	70.0	7.4	3.5	8.2	25.4	0.732	0.591	0.64	71.9	4.8	7.5	8.9	57.4	5.1	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
537	B50R_075_012de	0.75	0.625	0.75	0.75	0.125	0.687	330	0.683	0.625	0.75	68.6	6.1	−3.7	7.1	328.6	0.659	0.581	0.665	71.9	10.3	−6.5	12.2	327.7	6.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
538	B25R_087_025de	0.75	0.625	0.875	0.875	0.25	0.75	300	0.627	0.625	0.875	70.1	6.2	−10.8	12.5	300.1	0.645	0.601	0.749	73.6	13.6	−13.6	19.2	315.1	8.6	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
539	B15R_100_037de	0.75	0.625	1.0	1.0	0.375	0.812	289	0.625	0.663	1.0	72.9	6.1	−17.0	18.1	289.7	0.646	0.642	0.881	73.0	16.6	−16.7	23.6	314.8	10.5	264	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
540	Y00G_075_075de	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.593	0.0	67.2	−2.3	58.2	58.3	92.3	0.695	0.539	0.079	81.5	−13.2	83.1	84.2	99.0	30.7	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
541	Y00G_075_062de	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.619	0.125	68.7	−1.9	48.5	48.6	92.3	0.699	0.544	0.17	80.6	−12.0	67.6	68.6	100.0	24.5	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
542	Y00G_075_050de	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.645	0.25	70.2	−1.5	38.8	38.8	92.3	0.712	0.565	0.258	80.6	−10.8	50.9	52.0	101.9	18.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
543	Y00G_075_037de	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.671	0.375	71.7	−1.1	29.1	29.1	92.3	0.717	0.598	0.381	80.1	−9.0	39.7	40.7	102.8	15.6	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
544	Y00G_075_025de	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.697	0.5	73.2	−0.7	19.4	19.4	92.3	0.714	0.631	0.498	80.4	−7.7	29.2	30.2	104.8	13.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
545	Y00G_075_012de	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.723	0.625	74.8	−0.3	9.7	9.7	92.3	0.725	0.679	0.616	79.0	−4.2	13.7	14.4	107.1	7.0	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
546	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	77.0	0.2	−0.2	0.3	313.6	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
547	B00R_087_012de	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.785	0.875	78.9	0.1	−6.2	6.2	271.7	0.738	0.755	0.82	79.8	1.9	−10.2	10.4	280.7	4.4	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
548	B00R_100_025de	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.821	1.0	81.6	0.3	−12.4	12.4	271.7	0.748	0.777	0.938	80.4	3.3	−15.2	15.6	282.4	4.2	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
549	Y13G_087_087de	0.75	0.875	0.0	0.875	0.875	0.437	98	0.735	0.875	0.0	82.5	−16.5	80.2	81.9	101.6	0.702	0.815	0.027	88.3	−16.5	89.8	91.3	100.4	11.2	98	0.84	1.0	0.0	91.9	−18.8	91.7	93.6	101.6
550	Y15G_087_075de	0.75	0.875	0.125	0.875	0.75	0.5	99	0.722	0.875	0.125	82.0	−15.3	67.6	69.3	102.7	0.716	0.806	0.136	86.0	−16.6	75.6	77.4	102.3	9.0	101	0.796	1.0	0.0	90.6	−20.4	90.1	92.4	102.7
551	Y18G_087_062de	0.75	0.875	0.25	0.875	0.625	0.562	101	0.707	0.875	0.25	81.2	−14.6	54.1	56.1	105.1	0.706	0.798	0.221	85.1	−16.2	55.3	57.6	106.3	4.4	104	0.732	1.0	0.0	88.1	−23.4	86.6	89.7	105.1
552	Y23G_087_050de	0.75	0.875	0.375	0.875	0.5	0.625	104	0.712	0.875	0.375	80.3	−13.6	40.4	42.6	108.6	0.69	0.788	0.345	85.1	−15.4	45.6	48.1	108.6	7.3	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
553	Y31G_087_037de	0.75	0.875	0.5	0.875	0.375	0.687	109	0.719	0.875	0.5	79.8	−12.3	27.1	29.7	114.4	0.671	0.781	0.475	85.5	−14.4	35.1	38.0	112.3	10.1	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
554	Y50G_087_025de	0.75	0.875	0.625	0.875	0.25	0.75	120	0.72	0.875	0.625	79.6	−10.9	14.3	18.0	127.2	0.662	0.787	0.593	85.3	−11.9	23.2	26.1	117.1	10.5	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
555	G00B_087_012de	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.769	81.1	−7.8	2.5	8.2	162.2	0.694	0.811	0.734	86.7	−10.8	10.2	14.9	136.5	10.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
556	G50B_087_012de	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.858	81.2	−4.7	−3.5	5.9	216.9	0.715	0.802	0.8	86.7	−6.8	−8.8	11.1	232.5	7.8	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
557	G75B_100_025de	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.921	1.0	85.0	−5.8	−12.2	13.5	244.3	0.739	0.852	0.952	86.4	−7.7	−12.9	15.1	238.9	2.4	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
558	Y23G_100_100de	0.75	1.0	0.0	1.0	1.0	0.5	104	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6	0.673	1.0	0.0	89.2	−22.0	88.4	91.1	104.0	10.3	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
559	Y26G_100_087de	0.75	1.0	0.125	1.0	0.875	0.562	106	0.682	1.0	0.125	83.8	−25.7	67.2	72.0	110.9	0.645	0.976	0.133	88.8	−21.4	75.2	78.2	105.9	10.3	111	0.636	1.0	0.0	82.0	−29.4	76.8	82.3	110.9
560	Y31G_100_075de	0.75	1.0	0.25	1.0	0.75	0.625	109	0.689	1.0	0.25	83.3	−24.6	54.2	59.5	114.4	0.655	0.967	0.244	88.8	−21.6	61.7	65.4	109.3	9.8	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
561	Y38G_100_062de	0.75	1.0	0.375	1.0	0.625	0.687	113	0.699	1.0	0.375	83.0	−23.1	41.5	47.5	119.1	0.664	0.954	0.373	88.0	−22.0	53.4	57.7	112.4	12.9	118	0.518	1.0	0.0	75.0	−37.0	66.5	76.1	119.1
562	Y50G_100_050de	0.75	1.0	0.5	1.0	0.5	0.75	120	0.69	1.0	0.5	82.9	−21.8	28.7	36.1	127.2	0.645	0.959	0.477	87.6	−21.1	41.2	46.3	117.1	13.3	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
563	Y68G_100_037de	0.75	1.0	0.625	1.0	0.375	0.812	131	0.719	1.0	0.625	83.5	−20.0	16.7	26.1	140.0	0.623	0.976	0.598	87.6	−19.1	27.3	33.4	124.9	11.3	135	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
564	G00B_100_025de	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.788	85.8	−15.6	5.0	16.4	162.2	0.679	1.0	0.791	89.0	−15.2	15.8	22.0	133.9	11.2	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
565	G25B_100_025de	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.887	86.4	−12.1	−2.0	12.2	189.6	0.721	0.969	0.862	87.5	−12.6	0.4	12.6	178.1	2.7	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
566	G50B_100_025de	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	0.967	86.1	−9.4	−7.1	11.8	216.9	0.726	0.919	0.882	86.1	−9.2	−13.4	16.3	235.4	6.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9

Mean color difference of this page: delta 14.1

1-1132530-F0   RE630-7N, Page 26/33-F

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'*$

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

see similar files: http://130.149.60.45/~farbmetrik/RE63/RE63.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-1132530-F0

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
567	R00Y_087_087de	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.214	42.5	51.8	24.6	57.4	25.4	0.842	0.017	0.18	43.1	54.8	33.4	64.2	31.4	9.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
568	R36Y_087_087de	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.351	42.2	53.1	15.8	55.4	16.5	0.847	0.019	0.324	42.7	54.6	27.0	60.9	26.3	11.3	366	1.0	0.0	0.401	45.9	60.7	18.0	63.3	16.5
569	R23Y_087_087de	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.491	42.3	55.8	7.5	56.3	7.6	0.857	0.022	0.459	42.0	54.8	20.4	58.4	20.4	12.9	355	1.0	0.0	0.561	46.0	63.7	8.5	64.3	7.6
570	R08Y_087_087de	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.652	42.5	59.1	−2.4	59.2	357.6	0.856	0.024	0.606	41.6	56.5	11.6	57.7	11.6	14.3	344	1.0	0.0	0.745	46.2	67.6	−2.7	67.6	357.6
571	B70R_087_087de	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.779	43.3	61.3	−8.2	61.8	352.3	0.858	0.03	0.707	41.5	58.3	4.1	58.5	4.0	12.9	335	1.0	0.0	0.89	47.2	70.0	−9.4	70.7	352.3
572	B63R_087_087de	0.875	0.0	0.625	0.875	0.875	0.437	346	0.697	0.0	0.875	39.4	54.2	−15.7	56.4	343.7	0.669	0.022	0.729	41.5	61.6	−3.9	61.7	356.3	14.0	318	0.796	0.0	1.0	42.7	61.9	−18.0	64.5	343.7
573	B56R_087_087de	0.875	0.0	0.75	0.875	0.875	0.437	338	0.548	0.0	0.875	35.9	48.5	−21.4	53.1	336.1	0.507	0.014	0.725	42.3	63.9	−10.9	64.9	350.2	19.6	308	0.627	0.0	1.0	38.8	55.5	−24.4	60.6	336.1
574	B50R_087_087de	0.875	0.0	0.875	0.875	0.875	0.437	330	0.409	0.0	0.875	32.9	42.7	−26.1	50.1	328.6	0.364	0.01	0.719	43.5	64.2	−14.9	66.0	346.9	26.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
575	B44R_100_100de	0.875	0.0	1.0	1.0	1.0	0.5	323	0.326	0.0	1.0	32.6	43.1	−33.7	54.7	321.9	0.328	0.0	1.0	44.4	64.8	−16.0	66.8	346.1	30.4	288	0.326	0.0	1.0	32.6	43.1	−33.7	54.7	321.9
576	R13Y_087_087de	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.006	0.0	43.4	52.1	35.6	63.2	34.3	0.839	0.018	0.0	52.2	47.0	53.0	70.8	48.4	20.0	30	1.0	0.007	0.0	47.3	59.6	40.7	72.2	34.3
577	R00Y_087_075de	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.308	48.7	44.4	21.1	49.2	25.4	0.832	0.127	0.347	51.4	45.6	42.8	62.5	43.1	21.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
578	R35Y_087_075de	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.441	48.5	45.8	12.6	47.5	15.4	0.823	0.136	0.46	50.9	46.4	31.3	55.9	34.0	18.8	365	1.0	0.0	0.421	45.9	61.1	16.8	63.3	15.4
579	R18Y_087_075de	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.591	48.7	48.7	3.6	48.8	4.3	0.824	0.14	0.575	49.6	48.8	21.0	53.1	23.3	17.3	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
580	R00Y_087_075de	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.81	49.5	52.6	−7.3	53.1	352.0	0.826	0.147	0.718	48.9	52.7	12.4	54.1	13.3	19.8	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
581	B65R_087_075de	0.875	0.125	0.625	0.875	0.75	0.5	349	0.79	0.125	0.875	47.6	49.0	−11.6	50.4	346.6	0.759	0.14	0.736	49.0	55.7	1.6	55.7	1.6	14.9	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
582	B57R_087_075de	0.875	0.125	0.75	0.875	0.75	0.5	339	0.609	0.125	0.875	43.5	42.2	−17.7	45.8	337.1	0.566	0.12	0.711	49.2	60.2	−8.2	60.8	352.2	21.2	309	0.646	0.0	1.0	39.2	56.2	−23.7	61.0	337.1
583	B50R_087_075de	0.875	0.125	0.875	0.875	0.75	0.5	330	0.475	0.125	0.875	40.5	36.6	−22.3	42.9	328.6	0.441	0.108	0.702	49.5	60.6	−15.5	62.6	345.5	26.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
584	B43R_100_087de	0.875	0.125	1.0	1.0	0.875	0.562	322	0.397	0.125	1.0	40.3	37.0	−29.9	47.6	321.0	0.403	0.13	0.82	49.4	58.4	−17.5	61.0	343.3	26.4	287	0.31	0.0	1.0	32.3	42.3	−34.2	54.4	321.0
585	R26Y_087_087de	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.093	0.0	47.5	48.5	45.7	66.7	43.3	0.838	0.077	0.0	60.4	30.8	60.8	68.1	63.1	26.6	35	1.0	0.106	0.0	52.0	55.5	52.3	76.2	43.3
586	R15Y_087_075de	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.139	0.125	50.0	44.4	31.6	54.5	35.5	0.85	0.122	0.225	59.7	29.9	49.0	57.4	58.5	24.5	30	1.0	0.019	0.0	47.9	59.2	42.2	72.7	35.5
587	R00Y_087_062de	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.403	55.0	37.0	17.6	41.0	25.4	0.848	0.219	0.438	59.7	30.7	34.3	46.1	48.2	18.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
588	R31Y_087_062de	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.538	54.8	38.6	9.0	39.6	13.2	0.838	0.224	0.546	58.3	33.3	24.4	41.3	36.2	16.6	362	1.0	0.0	0.461	45.9	61.7	14.5	63.4	13.2
589	R11Y_087_062de	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.69	55.0	41.7	−0.1	41.7	359.8	0.839	0.227	0.661	57.8	35.9	15.3	39.0	23.1	16.7	346	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359.8
590	B69R_087_062de	0.875	0.25	0.625	0.875	0.625	0.562	353	0.863	0.25	0.875	55.6	43.4	−7.3	44.1	350.4	0.838	0.234	0.748	57.5	39.3	6.3	39.8	9.0	14.3	329	0.981	0.0	1.0	47.2	69.5	−11.7	70.5	350.4
591	B59R_087_062de	0.875	0.25	0.75	0.875	0.625	0.562	341	0.677	0.25	0.875	51.2	36.0	−13.8	38.6	339.0	0.653	0.22	0.723	57.8	42.6	−4.9	42.9	353.3	12.8	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
592	B50R_087_062de	0.875	0.25	0.875	0.875	0.625	0.562	330	0.542	0.25	0.875	48.1	30.5	−18.6	35.8	328.6	0.526	0.216	0.711	57.9	46.9	−13.8	48.9	343.5	19.6	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
593	B42R_100_075de	0.875	0.25	1.0	1.0	0.75	0.625	321	0.471	0.25	1.0	48.1	31.1	−26.0	40.5	320.0	0.504	0.24	0.819	57.1	48.5	−16.3	51.2	341.3	21.8	286	0.295	0.0	1.0	32.0	41.4	−34.7	54.0	320.0
594	R41Y_087_087de	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.182	0.0	52.6	38.9	52.2	65.1	53.3	0.823	0.164	0.007	65.8	21.1	66.1	69.4	72.2	26.0	41	1.0	0.208	0.0	57.8	44.4	59.7	74.4	53.3
595	R31Y_087_075de	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.231	0.125	54.4	39.3	41.7	57.3	46.6	0.87	0.174	0.157	64.3	20.5	51.9	55.8	68.3	23.5	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
596	R18Y_087_062de	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.277	0.25	56.8	36.4	28.2	46.0	37.7	0.878	0.22	0.322	64.3	21.1	37.2	42.8	60.3	19.3	32	1.0	0.044	0.0	49.0	58.3	45.1	73.7	37.7
597	R00Y_087_050de	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.497	61.2	29.6	14.1	32.8	25.4	0.864	0.332	0.531	63.9	23.3	27.0	35.7	49.1	14.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
598	R26Y_087_050de	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.635	61.1	31.4	5.4	31.9	9.8	0.854	0.339	0.636	63.7	26.0	17.6	31.4	34.1	13.5	358	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
599	R00Y_087_050de	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.832	61.8	35.0	−4.8	35.4	352.0	0.859	0.358	0.751	63.4	28.6	8.9	29.9	17.2	15.3	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
600	B61R_087_050de	0.875	0.375	0.75	0.875	0.5	0.625	344	0.745	0.375	0.875	58.9	29.9	−9.7	31.4	341.8	0.756	0.351	0.74	62.9	34.6	−3.7	34.8	353.8	8.6	315	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
601	B50R_087_050de	0.875	0.375	0.875	0.875	0.5	0.625	330	0.608	0.375	0.875	55.8	24.4	−14.9	28.6	328.6	0.605	0.327	0.737	63.6	38.2	−12.8	40.3	341.4	15.9	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
602	B40R_100_062de	0.875	0.375	1.0	1.0	0.625	0.687	319	0.539	0.375	1.0	55.7	24.8	−22.2	33.3	318.1	0.57	0.355	0.823	63.2	39.4	−16.2	42.6	337.6	17.4	284	0.263	0.0	1.0	31.4	39.8	−35.6	53.4	318.1
603	R58Y_087_087de	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.291	0.0	58.5	27.6	57.7	64.0	64.4	0.827	0.25	0.01	70.6	10.5	70.8	71.6	81.4	24.6	49	1.0	0.332	0.0	64.5	31.5	66.0	73.1	64.4
604	R50Y_087_075de	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.325	0.125	59.9	28.3	47.0	54.9	58.8	0.866	0.266	0.141	70.8	10.5	58.2	59.1	79.7	23.6	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
605	R38Y_087_062de	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.366	0.25	61.4	29.4	36.5	46.9	51.0	0.898	0.296	0.265	70.5	10.7	41.5	42.8	75.5	21.4	40	1.0	0.186	0.0	56.5	47.1	58.4	75.1	51.0
606	R23Y_087_050de	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.415	0.375	63.5	28.3	24.7	37.6	41.0	0.907	0.36	0.437	70.0	12.4	32.1	34.5	68.8	18.7	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
607	R00Y_087_037de	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.591	67.5	22.2	10.5	24.6	25.4	0.872	0.455	0.626	70.3	14.5	22.2	26.6	56.7	14.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
608	R18Y_087_037de	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.733	67.5	24.3	1.8	24.4	4.3	0.859	0.47	0.709	70.1	18.2	12.2	22.0	33.9	12.3	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
609	B65R_087_037de	0.875	0.5	0.75	0.875	0.375	0.687	349	0.832	0.5	0.875	66.9	24.5	−5.8	25.2	346.6	0.821	0.483	0.768	69.4	24.0	−0.2	24.0	359.3	6.1	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
610	B50R_087_037de	0.875	0.5	0.875	0.875	0.375	0.687	330	0.675	0.5	0.875	63.4	18.3	−11.1	21.4	328.6	0.681	0.468	0.745	70.1	28.2	−10.9	30.2	338.8	11.9	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
611	B38R_100_050de	0.875	0.5	1.0	1.0	0.5	0.75	316	0.611	0.5	1.0	63.7	18.7	−18.5	26.3	315.3	0.619	0.465	0.829	71.1	30.8	−13.1	33.5	336.9	15.1	282	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3
612	R73Y_087_087de	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.409	0.0	63.9	17.4	62.7	65.0	74.4	0.828	0.38	0.013	76.7	2.8	77.6	77.6	87.9	24.4	57	1.0	0.467	0.0	70.7	19.8	71.6	74.3	74.4
613	R68Y_087_075de	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.439	0.125	65.5	17.8	52.3	55.3	71.1	0.866	0.404	0.13	76.4	2.3	67.2	67.3	87.9	24.0	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
614	R61Y_087_062de	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.474	0.25	67.3	18.0	42.0	45.7	66.6	0.895	0.429	0.242	76.3	2.7	46.9	47.0	86.6	18.5	50	1.0	0.359	0.0	65.9	28.9	67.2	73.1	66.6
615	R50Y_087_050de	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.508	0.375	68.7	18.9	31.3	36.6	58.8	0.912	0.459	0.399	75.6	4.7	37.6	37.9	82.8	16.9	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
616	R31Y_087_037de	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.553	0.5	70.4	19.6	20.8	28.6	46.6	0.917	0.486	0.543	76.1	5.9	28.1	28.7	78.0	16.5	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
617	R00Y_087_025de	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.686	73.8	14.8	7.0	16.4	25.4	0.876	0.598	0.705	75.0	9.4	16.6	19.1	60.5	11.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
618	R00Y_087_025de	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.853	74.0	17.5	−2.4	17.7	352.0	0.862	0.606	0.795	74.6	14.7	2.9	15.0	11.4	6.1	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
619	B50R_087_025de	0.875	0.625	0.875	0.875	0.25	0.75	330	0.741	0.625	0.875	71.0	12.2	−7.4	14.3	328.6	0.749	0.604	0.759	75.8	20.0	−8.4	21.8	337.1	9.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
620	B34R_100_037de	0.875	0.625	1.0	1.0	0.375	0.812	311	0.685	0.625	1.0	71.9	12.6	−14.7	19.4	310.5	0.707	0.602	0.863	77.1	23.6	−11.0	26.1	335.0	12.7	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
621	R86Y_087_087de	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.561	0.0	69.3	7.8	67.5	67.9	83.4	0.835	0.509	0.021	84.4	−4.8	85.7	85.8	93.2	26.7	69	1.0	0.641	0.0	76.9	8.9	77.1	77.6	83.4
622	R85Y_087_075de	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.593	0.125	71.1	7.7	57.5	58.0	82.2	0.85	0.522	0.135	82.8	−5.1	72.9	73.1	94.0	23.2	68	1.0	0.624	0.0	76.0	10.3	76.7	77.4	82.2
623	R81Y_087_062de	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.609	0.25	72.6	8.2	47.0	47.7	80.0	0.88	0.544	0.228	82.9	−4.1	53.6	53.8	94.4	17.3	64	1.0	0.574	0.0	74.5	13.1	75.2	76.3	80.0
624	R76Y_087_050de	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.624	0.375	74.2	8.5	36.3	37.3	76.7	0.897	0.583	0.384	82.6	−2.8	44.5	44.5	93.6	16.3	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
625	R68Y_087_037de	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.657	0.5	75.9	8.9	26.1	27.6	71.1	0.901	0.611	0.528	82.4	−1.1	33.3	33.3	91.9	13.9	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
626	R50Y_087_025de	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.691	0.625	77.5	9.4	15.6	18.3	58.8	0.897	0.657	0.656	81.7	1.9	22.2	22.3	84.8	10.8	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
627	R00Y_087_012de	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.78	80.0	7.4	3.5	8.2	25.4	0.865	0.726	0.777	81.2	4.8	8.2	9.5	59.4	5.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
628	B50R_087_012de	0.875	0.75	0.875	0.875	0.125	0.812	330	0.808	0.75	0.875	78.6	6.1	−3.7	7.1	328.6	0.802	0.723	0.814	82.3	10.0	−6.1	11.7	328.5	5.8	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
629	B25R_100_025de	0.875	0.75	1.0	1.0	0.25	0.875	300	0.752	0.75	1.0	80.1	6.2	−10.8	12.5	300.1	0.786	0.734	0.917	84.1	12.0	−9.0	15.0	323.0	7.2	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
630	Y00G_087_087de	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.692	0.0	75.6	−2.7	68.0	68.0	92.3	0.801	0.635	0.085	89.7	−13.0	90.1	91.0	98.2	28.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
631	Y00G_087_075de	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.718	0.125	77.2	−2.3	58.2	58.3	92.3	0.821	0.656	0.178	88.5	−12.5	77.9	78.9	99.1	24.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
632	Y00G_087_062de	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.744	0.25	78.7	−1.9	48.5	48.6	92.3	0.841	0.68	0.26	88.0	−11.1	61.1	62.1	100.2	18.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
633	Y00G_087_050de	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.77	0.375	80.2	−1.5	38.8	38.8	92.3	0.849	0.714	0.409	87.5	−9.9	49.1	50.1	101.4	15.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
634	Y00G_087_037de	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.796	0.5	81.7	−1.1	29.1	29.1	92.3	0.853	0.746	0.537	88.3	−8.5	39.5	40.4	102.1	14.3	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
635	Y00G_087_025de	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.822	0.625	83.2	−0.7	19.4	19.4	92.3	0.857	0.786	0.66	88.3	−7.2	29.8	30.7	103.6	13.2	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
636	Y00G_087_012de	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.848	0.75	84.7	−0.3	9.7	9.7	92.3	0.859	0.812	0.763	88.8	−5.4	16.2	17.1	108.5	9.2	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
637	NW_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	88.7	0.1	−0.1	0.2	313.1	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
638	B00R_100_012de	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.91	1.0	88.9	0.1	−6.2	6.2	271.7	0.851	0.868	0.965	90.3	1.7	−6.4	6.7	285.3	2.0	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
639	Y11G_100_100de	0.875	1.0	0.0	1.0	1.0	0.5	97	0.906	1.0	0.0	92.5	−16.7	90.7	92.2	100.4	0.909	1.0	0.0	92.9	−17.5	92.9	94.5	100.7	2.4	94	0.906	1.0	0.0	92.5	−16.7	90.7	92.2	100.4
640	Y13G_100_087de	0.875	1.0	0.125	1.0	0.875	0.562	98	0.86	1.0	0.125	92.5	−16.5	80.2	81.9	101.6	0.875	1.0	0.125	91.3	−16.6	82.0	83.7	101.4	2.1	98	0.84	1.0	0.0	91.9	−18.8	91.7	93.6	101.6
641	Y15G_100_075de	0.875	1.0	0.25	1.0	0.75	0.625	99	0.847	1.0	0.25	92.0	−15.3	67.6	69.3	102.7	0.951	1.0	0.221	90.5	−15.7	63.4	65.3	103.9	4.4	101	0.796	1.0	0.0	90.6	−20.4	90.1	92.4	102.7
642	Y18G_100_062de	0.875	1.0	0.375	1.0	0.625	0.687	101	0.832	1.0	0.375	91.1	−14.6	54.1	56.1	105.1	0.896	0.988	0.377	91.2	−15.7	54.6	56.8	106.0	1.2	104	0.732	1.0	0.0	88.1	−23.4	86.6	89.7	105.1
643	Y23G_100_050de	0.875	1.0	0.5	1.0	0.5	0.75	104	0.837	1.0	0.5	90.3	−13.6	40.4	42.6	108.6	0.859	0.959	0.534	91.8	−15.5	45.5	48.0	108.8	5.6	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
644	Y31G_100_037de	0.875	1.0	0.625	1.0	0.375	0.812	109	0.844	1.0	0.625	89.8	−12.3	27.1	29.7	114.4	0.835	0.95	0.663	92.6	−14.4	36.1	38.9	111.7	9.7	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
645	Y50G_100_025de	0.875	1.0	0.75	1.0	0.25	0.875	120	0.845	1.0	0.75	89.6	−10.9	14.3	18.0	127.2	0.811	0.95	0.771	92.8	−12.2	23.7	26.7	117.3	9.9	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
646	G00B_100_012de	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.894	91.0	−7.8	2.5	8.2	162.2	0.842	0.988	0.9	93.0	−7.9	7.9	11.2	135.0	5.7	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
647	G50B_100_012de	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	0.983	91.2	−4.7	−3.5	5.9	216.9	0.863	0.974	0.967	91.8	−4.9	−5.9	7.7	230.0	2.4	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9

Mean color difference of this page: delta 15.4

1−1132630−F0

RE630−7N, Page 27/33−F

TUB-test chart RE63; 1080 standard colours, cf=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to $cmyk^*_{de}$

TUB registration: 20150701-RE63/RE63L0FP.PDF /.PS
application for measurement of laser printer output, separation cmyn6* (CMYK)

TUB material: code=rha4ta

1−1132630−F0

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 28/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
648	R00Y_100_100de	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4	1.0	0.0	0.246	46.9	59.8	39.9	71.9	33.7	11.7	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
649	R38Y_100_100de	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.381	45.9	60.3	19.2	63.3	17.6	0.999	0.0	0.383	46.6	59.3	34.8	68.8	30.4	15.6	367	1.0	0.0	0.381	45.9	60.3	19.2	63.3	17.6
650	R26Y_100_100de	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8	1.0	0.0	0.522	46.2	59.2	27.9	65.4	25.2	17.3	358	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
651	R13Y_100_100de	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.683	46.2	66.3	1.1	66.4	0.9	1.0	0.0	0.691	45.9	60.1	19.6	63.3	18.0	19.5	348	1.0	0.0	0.683	46.2	66.3	1.1	66.4	0.9
652	R00Y_100_100de	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0	1.0	0.0	0.913	45.8	62.3	12.1	63.5	11.0	23.3	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
653	B68R_100_100de	1.0	0.0	0.625	1.0	1.0	0.5	352	0.957	0.0	1.0	46.6	68.5	−12.7	69.7	349.4	0.957	0.0	1.0	46.2	65.0	4.7	65.1	4.1	17.8	327	0.957	0.0	1.0	46.6	68.5	−12.7	69.7	349.4
654	B61R_100_100de	1.0	0.0	0.75	1.0	1.0	0.5	344	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8	0.738	0.0	1.0	46.2	67.7	−3.0	67.7	357.3	18.8	315	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
655	B55R_100_100de	1.0	0.0	0.875	1.0	1.0	0.5	337	0.608	0.0	1.0	38.3	54.7	−25.2	60.2	335.2	0.607	0.0	1.0	47.1	70.0	−9.2	70.6	352.4	23.8	307	0.608	0.0	1.0	38.3	54.7	−25.2	60.2	335.2
656	B50R_100_100de	1.0	0.0	1.0	1.0	1.0	0.5	330	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6	0.47	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	31.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
657	R11Y_100_100de	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.0	0.017	46.9	59.7	39.2	71.5	33.2	1.0	0.0	0.017	52.8	54.4	54.4	77.0	44.9	17.1	389	1.0	0.0	0.017	46.9	59.7	39.2	71.5	33.2
658	R00Y_100_087de	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.339	52.5	51.8	24.6	57.4	25.4	0.945	0.162	0.396	51.9	56.5	48.1	74.2	40.4	23.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
659	R36Y_100_087de	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.476	52.2	53.1	15.8	55.4	16.5	0.933	0.167	0.512	51.2	58.6	37.8	69.8	32.8	22.7	366	1.0	0.0	0.401	45.9	60.7	18.0	63.3	16.5
660	R23Y_100_087de	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.616	52.3	55.8	7.5	56.3	7.6	0.938	0.172	0.611	50.6	61.4	27.3	67.2	23.9	20.6	355	1.0	0.0	0.561	46.0	63.7	8.5	64.3	7.6
661	R08Y_100_087de	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.777	52.4	59.1	−2.4	59.2	357.6	0.939	0.172	0.731	50.2	63.8	18.9	66.5	16.5	21.9	344	1.0	0.0	0.745	46.2	67.6	−2.7	67.6	357.6
662	B70R_100_087de	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.904	53.3	61.3	−8.2	61.8	352.3	0.953	0.178	0.827	49.2	68.3	7.9	68.8	6.6	18.2	335	1.0	0.0	0.89	47.2	70.0	−9.4	70.7	352.3
663	B63R_100_087de	1.0	0.125	0.75	1.0	0.875	0.562	346	0.822	0.125	1.0	49.4	54.2	−15.7	56.4	343.7	0.807	0.143	0.854	49.5	70.7	−1.3	70.7	358.9	21.9	318	0.796	0.0	1.0	42.7	61.9	−18.0	64.5	343.7
664	B56R_100_087de	1.0	0.125	0.875	1.0	0.875	0.562	338	0.673	0.125	1.0	45.9	48.5	−21.4	53.1	336.1	0.646	0.136	0.852	50.1	72.3	−9.0	72.9	352.9	27.1	308	0.627	0.0	1.0	38.8	55.5	−24.4	60.6	336.1
665	B50R_100_087de	1.0	0.125	1.0	1.0	0.875	0.562	330	0.534	0.125	1.0	42.9	42.7	−26.1	50.1	328.6	0.52	0.137	0.832	52.0	67.1	−11.4	68.1	350.2	29.8	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
666	R23Y_100_100de	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0	1.0	0.079	0.0	60.3	39.3	61.7	73.2	57.4	23.2	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
667	R13Y_100_087de	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.131	0.125	53.4	52.1	35.6	63.2	34.3	0.974	0.161	0.284	59.8	40.4	56.4	69.4	54.3	24.6	30	1.0	0.007	0.0	47.3	59.6	40.7	72.2	34.3
668	R00Y_100_075de	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.433	58.7	44.4	21.1	49.2	25.4	0.969	0.27	0.511	60.0	41.1	45.8	61.6	48.0	24.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
669	R35Y_100_075de	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.566	58.5	45.8	12.6	47.5	15.4	0.957	0.267	0.596	58.5	45.7	33.6	56.8	36.3	21.0	365	1.0	0.0	0.421	45.9	61.1	16.8	63.3	15.4
670	R18Y_100_075de	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.716	58.7	48.7	3.6	48.8	4.3	0.961	0.269	0.698	57.4	49.7	23.6	55.1	25.4	20.0	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
671	R00Y_100_075de	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.935	59.5	52.6	−7.3	53.1	352.0	0.971	0.269	0.835	57.5	52.7	11.5	54.0	12.3	18.9	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
672	B65R_100_075de	1.0	0.25	0.75	1.0	0.75	0.625	349	0.915	0.25	1.0	57.6	49.0	−11.6	50.4	346.6	0.898	0.244	0.853	57.7	55.9	0.2	55.9	0.2	13.7	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
673	B57R_100_075de	1.0	0.25	0.875	1.0	0.75	0.625	339	0.734	0.25	1.0	53.5	42.2	−17.7	45.8	337.1	0.734	0.234	0.863	59.2	57.3	−9.9	58.2	350.1	17.9	309	0.646	0.0	1.0	39.2	56.2	−23.7	61.0	337.1
674	B50R_100_075de	1.0	0.25	1.0	1.0	0.75	0.625	330	0.6	0.25	1.0	50.5	36.6	−22.3	42.9	328.6	0.595	0.239	0.83	61.1	53.8	−11.8	55.1	347.5	22.7	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
675	R36Y_100_100de	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.175	0.0	55.8	48.5	57.8	75.4	49.9	1.0	0.174	0.0	66.7	27.3	67.8	73.1	68.0	25.8	39	1.0	0.175	0.0	55.8	48.5	57.8	75.4	49.9
676	R26Y_100_087de	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.218	0.125	57.5	48.5	45.7	66.7	43.3	1.0	0.214	0.248	66.4	28.1	60.2	66.5	64.9	26.5	35	1.0	0.106	0.0	52.0	55.5	52.3	76.2	43.3
677	R15Y_100_075de	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.264	0.25	60.0	44.4	31.6	54.5	35.5	1.0	0.279	0.418	66.1	29.7	50.4	58.5	59.4	24.5	30	1.0	0.019	0.0	47.9	59.2	42.2	72.7	35.5
678	R00Y_100_062de	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.528	65.0	37.0	17.6	41.0	25.4	0.988	0.372	0.592	66.1	31.7	37.5	49.1	49.7	20.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
679	R31Y_100_062de	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.663	64.8	38.6	9.0	39.6	13.2	0.975	0.371	0.679	65.7	34.6	26.6	43.6	37.5	18.0	362	1.0	0.0	0.461	45.9	61.7	14.5	63.4	13.2
680	R11Y_100_062de	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.815	65.0	41.7	−0.1	41.7	359.8	0.977	0.369	0.781	65.3	38.4	15.5	41.4	22.0	16.0	346	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359.8
681	B69R_100_062de	1.0	0.375	0.75	1.0	0.625	0.687	353	0.988	0.375	1.0	65.6	43.4	−7.3	44.1	350.4	0.975	0.375	0.866	65.7	41.3	4.3	41.5	5.9	11.8	329	0.981	0.0	1.0	47.2	69.5	−11.7	70.5	350.4
682	B59R_100_062de	1.0	0.375	0.875	1.0	0.625	0.687	341	0.802	0.375	1.0	61.2	36.0	−13.8	38.6	339.0	0.809	0.356	0.853	66.1	45.0	−6.8	45.5	351.3	12.4	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
683	B50R_100_062de	1.0	0.375	1.0	1.0	0.625	0.687	330	0.667	0.375	1.0	58.1	30.5	−18.6	35.8	328.6	0.67	0.35	0.839	67.2	45.2	−10.7	46.5	346.6	19.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
684	R50Y_100_100de	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8	1.0	0.267	0.0	72.2	17.1	72.8	74.8	76.7	25.4	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
685	R41Y_100_087de	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.307	0.125	62.6	38.9	52.2	65.1	53.3	1.0	0.3	0.229	72.6	16.6	65.9	68.0	75.8	28.0	41	1.0	0.208	0.0	57.8	44.4	59.7	74.4	53.3
686	R31Y_100_075de	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.356	0.25	64.4	39.3	41.7	57.3	46.6	1.0	0.338	0.363	72.5	18.4	51.3	54.5	70.2	24.4	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
687	R18Y_100_062de	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.402	0.375	66.7	36.4	28.2	46.0	37.7	1.0	0.375	0.5	72.5	20.2	40.5	45.3	63.5	21.2	32	1.0	0.044	0.0	49.0	58.3	45.1	73.7	37.7
688	R00Y_100_050de	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.622	71.2	29.6	14.1	32.8	25.4	1.0	0.47	0.66	72.9	21.9	30.1	37.2	53.8	17.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
689	R26Y_100_050de	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.76	71.1	31.4	5.4	31.9	9.8	0.988	0.475	0.743	73.3	24.7	18.2	30.7	36.3	14.5	358	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
690	R00Y_100_050de	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.957	71.8	35.0	−4.8	35.4	352.0	0.993	0.484	0.862	72.9	29.6	5.9	30.2	11.2	12.1	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
691	B61R_100_050de	1.0	0.5	0.875	1.0	0.5	0.75	344	0.87	0.5	1.0	68.9	29.9	−9.7	31.4	341.8	0.88	0.478	0.859	72.8	34.3	−5.5	34.8	350.7	7.2	315	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
692	B50R_100_050de	1.0	0.5	1.0	1.0	0.5	0.75	330	0.733	0.5	1.0	65.8	24.4	−14.9	28.6	328.6	0.742	0.478	0.853	73.3	35.3	−9.3	36.5	345.2	14.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
693	R63Y_100_100de	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.372	0.0	66.5	27.6	67.7	73.1	67.8	0.999	0.373	0.0	76.0	10.3	76.7	77.4	82.3	21.6	51	1.0	0.372	0.0	66.5	27.6	67.7	73.1	67.8
694	R58Y_100_087de	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.416	0.125	68.5	27.6	57.7	64.0	64.4	1.0	0.412	0.198	77.4	8.3	69.4	69.9	83.1	24.2	49	1.0	0.332	0.0	64.5	31.5	66.0	73.1	64.4
695	R50Y_100_075de	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.45	0.25	69.9	28.3	47.0	54.9	58.8	1.0	0.436	0.329	77.8	9.2	56.1	56.8	80.6	22.6	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
696	R38Y_100_062de	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.491	0.375	71.4	29.4	36.5	46.9	51.0	1.0	0.456	0.458	78.0	10.9	43.6	44.9	75.8	20.8	40	1.0	0.186	0.0	56.5	47.1	58.4	75.1	51.0
697	R23Y_100_050de	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.54	0.5	73.5	28.3	24.7	37.6	41.0	1.0	0.487	0.583	78.6	12.5	32.9	35.2	69.1	18.5	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
698	R00Y_100_037de	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.716	77.5	22.2	10.5	24.6	25.4	1.0	0.584	0.731	79.2	14.8	22.0	26.5	55.9	13.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
699	R18Y_100_037de	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.858	77.5	24.3	1.8	24.4	4.3	0.996	0.588	0.815	79.2	19.0	9.5	21.3	26.5	9.4	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
700	B65R_100_037de	1.0	0.625	0.875	1.0	0.375	0.812	349	0.957	0.625	1.0	76.9	24.5	−5.8	25.2	346.6	0.953	0.597	0.882	79.7	23.5	−3.1	23.7	352.4	4.0	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
701	B50R_100_037de	1.0	0.625	1.0	1.0	0.375	0.812	330	0.8	0.625	1.0	73.4	18.3	−11.1	21.4	328.6	0.808	0.599	0.868	79.7	25.7	−7.7	26.9	343.2	10.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
702	R76Y_100_100de	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7	1.0	0.501	0.0	82.7	−1.0	79.6	79.6	90.7	22.1	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
703	R73Y_100_087de	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.534	0.125	73.9	17.4	62.7	65.0	74.4	1.0	0.524	0.176	83.4	−0.8	67.1	67.1	90.7	21.0	57	1.0	0.467	0.0	70.7	19.8	71.6	74.3	74.4
704	R68Y_100_075de	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.564	0.25	75.5	17.8	52.3	55.3	71.1	1.0	0.5	0.25	83.5	0.0	59.2	59.2	90.0	20.8	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
705	R61Y_100_062de	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.599	0.375	77.3	18.0	42.0	45.7	66.6	1.0	0.58	0.376	83.5	1.5	49.4	49.4	88.1	19.1	50	1.0	0.359	0.0	65.9	28.9	67.2	73.1	66.6
706	R50Y_100_050de	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.633	0.5	78.7	18.9	31.3	36.6	58.8	1.0	0.591	0.54	84.2	2.3	40.9	41.0	86.7	19.9	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
707	R31Y_100_037de	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.678	0.625	80.3	19.6	20.8	28.6	46.6	1.0	0.605	0.623	84.4	5.6	28.2	28.8	78.7	16.4	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
708	R00Y_100_025de	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.811	83.7	14.8	7.0	16.4	25.4	1.0	0.704	0.807	86.0	7.8	14.4	16.4	61.3	10.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
709	R00Y_100_025de	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.978	84.0	17.5	−2.4	17.7	352.0	0.999	0.717	0.922	85.3	14.3	1.0	14.3	4.2	4.9	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
710	B50R_100_025de	1.0	0.75	1.0	1.0	0.25	0.875	330	0.866	0.75	1.0	81.0	12.2	−7.4	14.3	328.6	0.866	0.721	0.897	85.7	16.8	−5.8	17.8	340.7	6.8	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
711	R88Y_100_100de	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.657	0.0	77.8	7.4	77.6	77.9	84.5	1.0	0.657	0.0	86.9	−7.0	73.8	74.1	95.4	17.5	70	1.0	0.657	0.0	77.8	7.4	77.6	77.9	84.5
712	R86Y_100_087de	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.686	0.125	79.3	7.8	67.5	67.9	83.4	1.0	0.656	0.143	87.4	−6.9	67.0	67.3	95.9	16.8	69	1.0	0.641	0.0	76.9	8.9	77.1	77.6	83.4
713	R85Y_100_075de	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.718	0.25	81.1	7.7	57.5	58.0	82.2	1.0	0.681	0.25	87.6	−5.7	57.1	57.4	95.7	14.9	68	1.0	0.624	0.0	76.0	10.3	76.7	77.4	82.2
714	R81Y_100_062de	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.734	0.375	82.6	8.2	47.0	47.7	80.0	1.0	0.709	0.376	87.8	−4.3	48.8	49.0	95.1	13.7	64	1.0	0.574	0.0	74.5	13.1	75.2	76.3	80.0
715	R76Y_100_050de	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.749	0.5	84.2	8.5	36.3	37.3	76.7	1.0	0.716	0.559	88.1	−3.1	41.3	41.5	94.4	13.3	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
716	R68Y_100_037de	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.782	0.625	85.9	8.9	26.1	27.6	71.1	1.0	0.749	0.662	88.8	−1.7	32.9	33.0	93.0	13.0	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
717	R50Y_100_025de	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.816	0.75	87.5	9.4	15.6	18.3	58.8	1.0	0.75	0.75	91.4	−1.9	21.4	21.5	95.1	13.3	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
718	R00Y_100_012de	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.905	90.0	7.4	3.5	8.2	25.4	1.0	0.843	0.913	91.1	3.3	8.2	8.9	67.7	6.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
719	B50R_100_012de	1.0	0.875	1.0	1.0	0.125	0.937	330	0.933	0.875	1.0	88.6	6.1	−3.7	7.1	328.6	0.921	0.837	0.96	91.9	7.5	−3.1	8.1	337.3	3.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
720	Y00G_100_100de	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3	0.983	0.781	0.018	91.3	−14.4	84.1	85.4	99.7	14.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
721	Y00G_100_087de	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.817	0.125	85.6	−2.7	68.0	68.0	92.3	1.0	0.831	0.125	91.4	−14.0	76.1	77.4	100.4	15.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
722	Y00G_100_075de	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.843	0.25	87.1	−2.3	58.2	58.3	92.3	1.0	0.873	0.25	91.6	−12.3	62.3	63.5	101.2	11.7	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
723	Y00G_100_062de	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.869	0.375	88.7	−1.9	48.5	48.6	92.3	1.0	0.875	0.375	92.7	−12.6	55.0	56.5	102.9	13.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
724	Y00G_100_050de	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.895	0.5	90.2	−1.5	38.8	38.8	92.3	1.0	0.874	0.576	93.3	−11.7	47.0	48.4	104.0	13.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
725	Y00G_100_037de	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.921	0.625	91.7	−1.1	29.1	29.1	92.3	1.0	0.891	0.697	93.9	−10.4	38.4	39.8	105.2	13.3	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
726	Y00G_100_025de	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.947	0.75	93.2	−0.7	19.4	19.4	92.3	1.0	0.909	0.813	95.2	−9.8	29.8	31.4	108.3	13.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
727	Y00G_100_012de	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.973	0.875	94.7	−0.3	9.7	9.7	92.3	1.0	0.955	0.921	95.7	−6.4	17.8	19.0	109.9	10.2	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
728	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 17.4

1−1132730−F0

RE630−7N, Page 28/33−F

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'*$

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

TUB registration: 20150701-RE63/RE63L0FP.PDF /.PS
application for measurement of laser printer output, separation cmyn6* (CMYK)

TUB material: code=rha4ta

see similar files: http://130.149.60.45/~farbmetrik/RE63/RE63.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−1132730−F0

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 29/33

n	HIC*$_{Fde}$	rgb$_{_Fde}$			ict$_{_Fde}$			$h_{si\_F,de}$	rgb*$_{Fde}$			LabCh*$_{Fde}$					rgb'*$_{Fde}$			LabCh'*$_{Fde}$					DE'*$_{Fde}$	$h_{siM,de}$	rgb*$_{Mde}$			LabCh*$_{Mde}$				
729	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.3	0.3	272.1	0.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
730	G50B_100_012de	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	0.983	91.2	−4.7	−3.5	5.9	216.9	0.863	0.974	0.967	91.7	−4.9	−6.4	8.1	232.3	2.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
731	G50B_100_025de	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	0.967	86.1	−9.4	−7.1	11.8	216.9	0.726	0.919	0.882	86.0	−8.7	−13.6	16.2	237.3	6.5	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
732	G50B_100_037de	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	0.95	81.1	−14.2	−10.7	17.8	216.9	0.582	0.876	0.822	81.3	−11.7	−18.6	22.0	237.8	8.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
733	G50B_100_050de	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.934	76.0	−18.9	−14.2	23.7	216.9	0.471	0.873	0.797	75.3	−15.3	−24.9	29.2	238.3	11.2	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
734	G50B_100_062de	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	0.917	71.0	−23.7	−17.8	29.7	216.9	0.367	0.946	0.815	69.6	−19.0	−29.6	35.2	237.2	12.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
735	G50B_100_075de	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	0.901	65.9	−28.4	−21.4	35.6	216.9	0.229	0.874	0.749	61.9	−25.1	−34.5	42.7	233.9	14.0	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
736	G50B_100_087de	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	0.884	60.9	−33.2	−25.0	41.5	216.9	0.125	0.874	0.778	55.9	−29.4	−38.7	48.6	232.6	15.0	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
737	G50B_100_100de	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9	0.043	0.874	0.776	52.7	−31.6	−41.0	51.8	232.3	14.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
738	R00Y_100_012de	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.905	90.0	7.4	3.5	8.2	25.4	1.0	0.843	0.913	91.5	3.3	7.1	7.9	64.7	5.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
739	NW_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	89.6	0.2	−0.2	0.3	305.8	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
740	G50B_087_012de	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.858	81.2	−4.7	−3.5	5.9	216.9	0.715	0.802	0.8	87.2	−6.4	−8.9	11.0	234.3	8.2	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
741	G50B_087_025de	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.842	76.2	−9.4	−7.1	11.8	216.9	0.583	0.753	0.718	82.9	−10.9	−15.8	19.2	235.3	11.0	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
742	G50B_087_037de	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.825	71.1	−14.2	−10.7	17.8	216.9	0.462	0.739	0.682	77.3	−15.0	−20.9	25.7	234.2	11.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
743	G50B_087_050de	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.809	66.1	−18.9	−14.2	23.7	216.9	0.345	0.743	0.655	71.4	−18.1	−27.1	32.6	236.2	13.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
744	G50B_087_062de	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.792	61.0	−23.7	−17.8	29.7	216.9	0.218	0.747	0.633	66.2	−22.2	−29.9	37.2	233.4	13.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
745	G50B_087_075de	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.776	56.0	−28.4	−21.4	35.6	216.9	0.124	0.706	0.584	59.6	−28.7	−33.0	43.8	228.9	12.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
746	G50B_087_087de	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.759	50.9	−33.2	−25.0	41.5	216.9	0.085	0.749	0.623	52.3	−33.3	−39.4	51.6	229.7	14.4	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
747	R00Y_100_025de	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.811	83.7	14.8	7.0	16.4	25.4	1.0	0.704	0.807	86.8	8.2	10.5	13.3	52.0	8.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
748	R00Y_087_012de	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.78	80.0	7.4	3.5	8.2	25.4	0.865	0.726	0.777	82.6	5.3	5.9	8.0	48.0	4.1	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
749	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	79.0	0.1	−0.2	0.2	303.9	2.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
750	G50B_075_012de	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.733	71.2	−4.7	−3.5	5.9	216.9	0.582	0.665	0.644	77.1	−6.4	−9.7	11.7	236.4	8.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
751	G50B_075_025de	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.717	66.2	−9.4	−7.1	11.8	216.9	0.465	0.622	0.575	73.5	−12.3	−15.9	20.1	232.2	11.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
752	G50B_075_037de	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.7	61.1	−14.2	−10.7	17.8	216.9	0.354	0.615	0.552	67.9	−16.2	−21.9	27.3	233.4	13.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
753	G50B_075_050de	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.684	56.1	−18.9	−14.2	23.7	216.9	0.257	0.62	0.52	61.8	−19.2	−26.5	32.8	234.0	13.5	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
754	G50B_075_062de	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.667	51.0	−23.7	−17.8	29.7	216.9	0.139	0.605	0.478	57.4	−25.2	−31.0	40.0	230.7	14.6	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
755	G50B_075_075de	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.651	46.0	−28.4	−21.4	35.6	216.9	0.061	0.53	0.426	51.8	−36.0	−36.8	51.5	225.6	18.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
756	R00Y_100_037de	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.716	77.5	22.2	10.5	24.6	25.4	1.0	0.584	0.731	80.3	14.1	18.2	23.0	52.3	11.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
757	R00Y_087_025de	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.686	73.8	14.8	7.0	16.4	25.4	0.876	0.598	0.705	77.1	9.1	13.1	16.0	55.3	9.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
758	R00Y_075_012de	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.655	70.0	7.4	3.5	8.2	25.4	0.732	0.591	0.64	74.2	5.0	6.1	7.9	50.5	5.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
759	NW_062de	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	0.576	0.565	0.557	69.0	0.1	−0.9	0.9	282.1	2.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
760	G50B_062_012de	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.608	61.2	−4.7	−3.5	5.9	216.9	0.465	0.543	0.517	67.3	−6.7	−12.0	13.7	240.7	10.5	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
761	G50B_062_025de	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.592	56.2	−9.4	−7.1	11.8	216.9	0.361	0.51	0.462	63.7	−12.3	−16.5	20.6	233.2	12.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
762	G50B_062_037de	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.575	51.1	−14.2	−10.7	17.8	216.9	0.268	0.51	0.429	57.5	−15.3	−23.1	27.7	236.4	13.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
763	G50B_062_050de	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.559	46.1	−18.9	−14.2	23.7	216.9	0.158	0.499	0.386	53.6	−21.0	−28.9	35.7	233.9	16.5	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
764	G50B_062_062de	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.542	41.0	−23.7	−17.8	29.7	216.9	0.049	0.418	0.326	50.0	−32.3	−36.5	48.7	228.5	22.4	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
765	R00Y_100_050de	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.622	71.2	29.6	14.1	32.8	25.4	1.0	0.47	0.66	73.9	21.5	24.9	32.9	49.2	13.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
766	R00Y_087_037de	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.591	67.5	22.2	10.5	24.6	25.4	0.872	0.455	0.626	71.2	15.4	18.7	24.3	50.4	11.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
767	R00Y_075_025de	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.561	63.8	14.8	7.0	16.4	25.4	0.74	0.452	0.564	67.5	9.5	13.1	16.2	53.8	8.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
768	R00Y_062_012de	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.53	60.0	7.4	3.5	8.2	25.4	0.588	0.441	0.485	62.4	5.6	4.9	7.5	41.3	3.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
769	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	58.4	0.1	−0.9	0.9	276.5	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
770	G50B_050_012de	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.483	51.2	−4.7	−3.5	5.9	216.9	0.356	0.427	0.398	56.5	−6.8	−11.7	13.6	239.7	9.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
771	G50B_050_025de	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.467	46.2	−9.4	−7.1	11.8	216.9	0.275	0.406	0.353	52.9	−12.7	−19.0	22.9	236.1	14.0	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
772	G50B_050_037de	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.45	41.1	−14.2	−10.7	17.8	216.9	0.165	0.378	0.307	49.0	−15.8	−25.8	30.3	238.4	17.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
773	G50B_050_050de	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.434	36.1	−18.9	−14.2	23.7	216.9	0.013	0.299	0.219	45.7	−23.5	−33.2	40.7	234.6	21.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
774	R00Y_100_062de	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.528	65.0	37.0	17.6	41.0	25.4	0.988	0.372	0.592	66.4	31.1	36.2	47.8	49.3	19.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
775	R00Y_087_050de	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.497	61.2	29.6	14.1	32.8	25.4	0.864	0.332	0.531	64.9	22.3	25.6	34.0	48.8	14.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
776	R00Y_075_037de	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.466	57.5	22.2	10.5	24.6	25.4	0.741	0.32	0.483	60.3	16.4	18.7	24.9	48.7	10.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
777	R00Y_062_025de	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.436	53.8	14.8	7.0	16.4	25.4	0.596	0.321	0.404	54.7	11.4	12.4	16.9	47.5	6.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
778	R00Y_050_012de	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.405	50.0	7.4	3.5	8.2	25.4	0.467	0.331	0.36	50.8	6.1	4.2	7.4	34.6	1.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
779	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	49.3	0.0	−1.4	1.4	273.8	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
780	G50B_037_012de	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.358	41.2	−4.7	−3.5	5.9	216.9	0.264	0.324	0.297	46.6	−8.3	−14.6	16.8	240.2	12.8	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
781	G50B_037_025de	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.342	36.2	−9.4	−7.1	11.8	216.9	0.166	0.287	0.24	45.1	−12.7	−21.2	24.7	239.1	16.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
782	G50B_037_037de	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.325	31.1	−14.2	−10.7	17.8	216.9	0.005	0.202	0.147	42.3	−19.4	−26.3	32.7	233.5	19.8	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
783	R00Y_100_075de	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.433	58.7	44.4	21.1	49.2	25.4	0.969	0.27	0.511	60.8	39.5	44.8	59.7	48.5	24.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
784	R00Y_087_062de	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.403	55.0	37.0	17.6	41.0	25.4	0.848	0.219	0.438	59.5	30.6	34.2	45.9	48.1	18.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
785	R00Y_075_050de	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.372	51.3	29.6	14.1	32.8	25.4	0.736	0.213	0.393	53.7	24.1	26.8	36.0	47.9	14.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
786	R00Y_062_037de	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.341	47.5	22.2	10.5	24.6	25.4	0.595	0.215	0.329	48.4	17.9	21.7	28.1	50.3	11.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
787	R00Y_050_025de	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.311	43.8	14.8	7.0	16.4	25.4	0.465	0.214	0.289	44.8	12.0	14.3	18.7	50.0	7.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
788	R00Y_037_012de	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.28	40.0	7.4	3.5	8.2	25.4	0.341	0.226	0.254	41.3	7.8	6.5	10.2	39.8	3.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
789	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	37.7	0.0	−1.1	1.1	270.9	1.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
790	G50B_025_012de	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.233	31.3	−4.7	−3.5	5.9	216.9	0.138	0.197	0.175	38.0	−9.2	−15.1	17.7	238.6	14.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
791	G50B_025_025de	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.217	26.2	−9.4	−7.1	11.8	216.9	0.043	0.125	0.125	38.1	−13.7	−19.6	24.0	234.9	17.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
792	R00Y_100_087de	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.339	52.5	51.8	24.6	57.4	25.4	0.945	0.162	0.396	52.6	54.8	46.0	71.6	39.9	21.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
793	R00Y_087_075de	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.308	48.7	44.4	21.1	49.2	25.4	0.832	0.127	0.347	51.7	44.6	41.2	60.8	42.7	20.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
794	R00Y_075_062de	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.278	45.0	37.0	17.6	41.0	25.4	0.726	0.112	0.301	46.7	34.1	31.6	46.5	42.8	14.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
795	R00Y_062_050de	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.247	41.3	29.6	14.1	32.8	25.4	0.585	0.112	0.251	42.1	28.6	29.5	41.1	45.9	15.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
796	R00Y_050_037de	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.216	37.5	22.2	10.5	24.6	25.4	0.446	0.101	0.208	39.0	21.0	22.9	31.1	47.4	12.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
797	R00Y_037_025de	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.186	33.8	14.8	7.0	16.4	25.4	0.329	0.102	0.175	36.5	13.1	16.3	20.9	51.2	9.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
798	R00Y_025_012de	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.155	30.1	7.4	3.5	8.2	25.4	0.238	0.129	0.158	32.5	7.7	9.2	12.0	49.9	6.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
799	NW_012de	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	23.0	0.0	−0.5	0.5	273.4	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
800	G50B_012_012de	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.108	21.3	−4.7	−3.5	5.9	216.9	0.0	0.046	0.02	32.2	−9.1	−12.3	15.4	233.4	14.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
801	R00Y_100_100de	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4	1.0	0.0	0.246	47.0	58.3	38.5	69.9	33.4	10.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
802	R00Y_087_087de	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.214	42.5	51.8	24.6	57.4	25.4	0.842	0.017	0.18	41.9	52.7	32.2	61.8	31.4	7.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
803	R00Y_075_075de	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.183	38.7	44.4	21.1	49.2	25.4	0.701	0.019	0.17	38.7	47.8	30.7	56.8	32.7	10.1	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
804	R00Y_062_062de	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.153	35.0	37.0	17.6	41.0	25.4	0.534	0.001	0.143	34.8	43.3	28.8	52.0	33.6	12.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
805	R00Y_050_050de	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.122	31.3	29.6	14.1	32.8	25.4	0.4	0.0	0.087	32.2	36.6	25.6	44.7	35.0	13.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
806	R00Y_037_037de	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.091	27.5	22.2	10.5	24.6	25.4	0.302	0.0	0.056	30.5	26.6	20.4	33.6	37.4	11.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
807	R00Y_025_025de	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.061	23.8	14.8	7.0	16.4	25.4	0.25	0.0	0.125	29.1	14.8	15.1	21.2	45.5	9.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
808	R00Y_012_012de	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.03	20.1	7.4	3.5	8.2	25.4	0.095	0.0	0.002	25.6	7.4	8.6	11.4	49.4	7.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
809	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.1	0.0	0.3	0.3	88.2	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 11.1

1−1132830−F0 RE630−7N, Page 29/33−F

TUB registration: 20150701-RE63/RE63L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6* (CMYK)

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 30/33

n	HIC*$_{Fde}$	rgb$_{_Fde}$			ict$_{_Fde}$			$h_{si\_F,de}$	rgb*$_{Fde}$			LabCh*$_{Fde}$					rgb'*$_{Fde}$			LabCh'*$_{Fde}$					DE'*$_{Fde}$	$h_{siM,de}$	rgb*$_{Mde}$			LabCh*$_{Mde}$				
810	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.1	-0.4	0.4	285.0	0.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
811	B00R_100_012de	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.91	1.0	88.9	0.1	-6.2	6.2	271.7	0.851	0.868	0.965	89.7	2.2	-7.0	7.4	287.3	2.3	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
812	B00R_100_025de	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.821	1.0	81.6	0.3	-12.4	12.4	271.7	0.748	0.777	0.938	80.8	3.4	-15.0	15.4	283.0	4.1	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
813	B00R_100_037de	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.731	1.0	74.2	0.5	-18.6	18.6	271.7	0.62	0.698	0.911	70.2	7.3	-21.9	23.1	288.4	8.5	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
814	B00R_100_050de	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.642	1.0	66.9	0.7	-24.8	24.8	271.7	0.516	0.618	0.907	58.2	11.4	-29.9	32.0	290.8	14.7	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
815	B00R_100_062de	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.553	1.0	59.6	0.9	-31.0	31.0	271.7	0.395	0.525	0.868	48.3	17.2	-35.3	39.3	295.9	20.2	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
816	B00R_100_075de	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.463	1.0	52.2	1.1	-37.2	37.2	271.7	0.277	0.445	0.874	39.0	21.9	-40.2	45.8	298.6	24.8	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
817	B00R_100_087de	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.374	1.0	44.9	1.3	-43.4	43.4	271.7	0.151	0.354	0.873	35.2	22.8	-42.3	48.0	298.3	23.6	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
818	B00R_100_100de	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7	0.0	0.286	0.874	31.2	24.1	-44.0	50.2	298.6	24.1	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
819	Y00G_100_012de	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.973	0.875	94.7	-0.3	9.7	9.7	92.3	1.0	0.955	0.921	95.8	-5.8	15.9	17.0	110.2	8.3	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
820	NW_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	90.1	0.1	0.0	0.1	338.0	3.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
821	B00R_087_012de	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.785	0.875	78.9	0.1	-6.2	6.2	271.7	0.738	0.755	0.82	81.8	2.2	-9.9	10.2	282.9	5.2	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
822	B00R_087_025de	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.696	0.875	71.6	0.3	-12.4	12.4	271.7	0.599	0.646	0.757	72.8	5.8	-17.5	18.4	288.6	7.6	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
823	B00R_087_037de	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.606	0.875	64.3	0.5	-18.6	18.6	271.7	0.49	0.564	0.759	63.0	9.5	-26.2	27.9	290.0	11.8	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
824	B00R_087_050de	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.517	0.875	56.9	0.7	-24.8	24.8	271.7	0.397	0.487	0.762	50.8	15.3	-34.1	37.4	294.1	18.3	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
825	B00R_087_062de	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.428	0.875	49.6	0.9	-31.0	31.0	271.7	0.236	0.364	0.755	41.3	19.7	-39.5	44.2	296.5	22.2	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
826	B00R_087_075de	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.338	0.875	42.2	1.1	-37.2	37.2	271.7	0.092	0.249	0.695	36.2	20.9	-42.3	47.2	296.2	21.3	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
827	B00R_087_087de	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.249	0.875	34.9	1.3	-43.4	43.4	271.7	0.0	0.201	0.623	29.5	26.1	-43.9	51.1	300.7	25.4	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
828	Y00G_100_025de	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.947	0.75	93.2	-0.7	19.4	19.4	92.3	1.0	0.909	0.813	95.3	-9.1	27.1	28.6	108.6	11.6	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
829	Y00G_087_012de	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.848	0.75	84.7	-0.3	9.7	9.7	92.3	0.859	0.812	0.763	90.0	-4.8	14.2	15.0	108.6	8.2	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
830	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	79.4	0.2	-0.3	0.4	302.5	3.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
831	B00R_075_012de	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.66	0.75	68.9	0.1	-6.2	6.2	271.7	0.595	0.614	0.658	71.9	3.1	-10.9	11.4	285.8	6.3	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
832	B00R_075_025de	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.571	0.75	61.6	0.3	-12.4	12.4	271.7	0.489	0.523	0.614	62.3	5.6	-17.7	18.5	287.6	7.5	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
833	B00R_075_037de	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.481	0.75	54.3	0.5	-18.6	18.6	271.7	0.387	0.444	0.609	52.4	8.6	-25.5	27.0	288.5	10.8	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
834	B00R_075_050de	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.392	0.75	46.9	0.7	-24.8	24.8	271.7	0.243	0.331	0.593	45.8	13.6	-31.8	34.6	293.2	14.7	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
835	B00R_075_062de	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.303	0.75	39.6	0.9	-31.0	31.0	271.7	0.105	0.218	0.546	39.3	16.0	-38.4	41.6	292.6	16.8	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
836	B00R_075_075de	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.213	0.75	32.3	1.1	-37.2	37.2	271.7	0.0	0.125	0.457	28.0	26.1	-44.6	51.7	300.3	26.4	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
837	Y00G_100_037de	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.921	0.625	91.7	-1.1	29.1	29.1	92.3	1.0	0.891	0.697	93.8	-9.3	34.8	36.0	104.9	10.1	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
838	Y00G_087_025de	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.822	0.625	83.2	-0.7	19.4	19.4	92.3	0.857	0.786	0.66	89.6	-6.3	25.9	26.7	103.7	10.7	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
839	Y00G_075_012de	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.723	0.625	74.8	-0.3	9.7	9.7	92.3	0.725	0.679	0.616	81.5	-3.5	11.4	11.9	107.2	7.6	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
840	NW_062de	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	0.576	0.565	0.557	70.5	0.2	-1.0	1.0	283.8	4.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
841	B00R_062_012de	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.535	0.625	58.9	0.1	-6.2	6.2	271.7	0.48	0.496	0.537	61.9	3.4	-12.7	13.1	285.1	7.8	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
842	B00R_062_025de	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.446	0.625	51.6	0.3	-12.4	12.4	271.7	0.376	0.402	0.49	51.6	6.0	-20.6	21.4	286.2	9.9	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
843	B00R_062_037de	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.356	0.625	44.3	0.5	-18.6	18.6	271.7	0.272	0.32	0.469	44.5	9.9	-26.9	28.7	290.2	12.5	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
844	B00R_062_050de	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.267	0.625	36.9	0.7	-24.8	24.8	271.7	0.137	0.205	0.434	38.7	15.0	-33.3	36.5	294.3	16.7	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
845	B00R_062_062de	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.178	0.625	29.6	0.9	-31.0	31.0	271.7	0.0	0.06	0.365	27.1	26.2	-45.2	52.3	300.0	29.1	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
846	Y00G_100_050de	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.895	0.5	90.2	-1.5	38.8	38.8	92.3	1.0	0.874	0.576	93.3	-11.0	43.8	45.2	104.0	11.1	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
847	Y00G_087_037de	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.796	0.5	81.7	-1.1	29.1	29.1	92.3	0.853	0.746	0.537	89.1	-7.9	36.6	37.5	102.2	12.5	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
848	Y00G_075_025de	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.697	0.5	73.2	-0.7	19.4	19.4	92.3	0.714	0.631	0.498	81.6	-7.0	26.6	27.5	104.8	12.6	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
849	Y00G_062_012de	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.598	0.5	64.8	-0.3	9.7	9.7	92.3	0.584	0.53	0.455	72.3	-4.0	10.1	10.9	111.5	8.4	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
850	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	59.6	0.1	-1.1	1.1	276.4	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
851	B00R_050_012de	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.41	0.5	49.0	0.1	-6.2	6.2	271.7	0.362	0.373	0.411	50.0	3.5	-14.5	14.9	283.7	9.0	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
852	B00R_050_025de	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.321	0.5	41.6	0.3	-12.4	12.4	271.7	0.279	0.301	0.37	42.3	6.9	-22.6	23.6	287.0	12.1	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
853	B00R_050_037de	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.231	0.5	34.3	0.5	-18.6	18.6	271.7	0.156	0.194	0.336	36.7	10.6	-28.1	30.0	290.7	14.0	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
854	B00R_050_050de	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.142	0.5	26.9	0.7	-24.8	24.8	271.7	0.0	0.054	0.287	30.2	19.3	-39.1	43.6	296.2	23.6	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
855	Y00G_100_062de	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.869	0.375	88.7	-1.9	48.5	48.6	92.3	1.0	0.875	0.375	92.7	-12.4	54.2	55.6	102.8	12.5	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
856	Y00G_087_050de	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.77	0.375	80.2	-1.5	38.8	38.8	92.3	0.849	0.714	0.409	88.3	-10.2	48.6	49.6	101.8	15.3	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
857	Y00G_075_037de	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.671	0.375	71.7	-1.1	29.1	29.1	92.3	0.717	0.598	0.381	81.4	-8.3	36.9	37.8	102.7	14.3	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
858	Y00G_062_025de	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.572	0.375	63.2	-0.7	19.4	19.4	92.3	0.587	0.492	0.347	72.3	-6.9	25.7	26.7	105.1	12.7	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
859	Y00G_050_012de	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.473	0.375	54.8	-0.3	9.7	9.7	92.3	0.466	0.414	0.336	61.3	-4.3	10.6	11.4	112.2	7.7	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
860	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	48.8	0.0	-1.3	1.3	274.3	2.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
861	B00R_037_012de	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.285	0.375	39.0	0.1	-6.2	6.2	271.7	0.268	0.277	0.309	40.8	3.5	-15.9	16.3	282.4	10.4	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
862	B00R_037_025de	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.196	0.375	31.6	0.3	-12.4	12.4	271.7	0.156	0.175	0.248	33.3	6.2	-23.8	24.6	284.5	12.9	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
863	B00R_037_037de	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.106	0.375	24.3	0.5	-18.6	18.6	271.7	0.012	0.042	0.25	29.4	10.6	-29.8	31.7	289.6	15.9	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
864	Y00G_100_075de	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.843	0.25	87.1	-2.3	58.2	58.3	92.3	1.0	0.873	0.25	91.6	-12.5	62.7	64.0	101.2	11.9	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
865	Y00G_087_062de	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.744	0.25	78.7	-1.9	48.5	48.6	92.3	0.841	0.68	0.26	88.7	-11.2	59.9	61.0	100.6	17.8	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
866	Y00G_075_050de	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.645	0.25	70.2	-1.5	38.8	38.8	92.3	0.712	0.565	0.258	81.5	-10.9	49.8	51.0	102.3	18.3	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
867	Y00G_062_037de	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.546	0.25	61.7	-1.1	29.1	29.1	92.3	0.581	0.462	0.244	72.2	-9.5	38.6	39.8	103.8	16.4	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
868	Y00G_050_025de	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.447	0.249	53.3	-0.7	19.4	19.4	92.3	0.465	0.37	0.239	62.1	-7.7	26.3	27.4	106.2	13.2	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
869	Y00G_037_012de	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.348	0.249	44.8	-0.3	9.7	9.7	92.3	0.343	0.3	0.232	51.0	-5.5	13.5	14.6	112.4	8.9	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
870	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	37.4	0.0	-1.1	1.1	274.9	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
871	B00R_025_012de	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.16	0.25	29.0	0.1	-6.2	6.2	271.7	0.15	0.158	0.193	31.3	3.2	-15.3	15.7	282.0	9.9	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
872	B00R_025_025de	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.071	0.25	21.6	0.3	-12.4	12.4	271.7	0.0	0.005	0.091	25.0	5.8	-23.0	23.8	284.2	12.4	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
873	Y00G_100_087de	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.817	0.125	85.6	-2.7	68.0	68.0	92.3	1.0	0.831	0.125	91.4	-14.0	76.2	77.5	100.4	15.1	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
874	Y00G_087_075de	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.718	0.125	77.2	-2.3	58.2	58.3	92.3	0.821	0.656	0.178	88.8	-12.6	77.4	78.4	99.2	24.6	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
875	Y00G_075_062de	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.619	0.125	68.7	-1.9	48.5	48.6	92.3	0.699	0.544	0.17	81.1	-12.1	67.9	69.0	100.1	25.1	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
876	Y00G_062_050de	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.52	0.125	60.2	-1.5	38.8	38.8	92.3	0.574	0.436	0.151	71.5	-11.1	55.8	56.9	101.3	22.4	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
877	Y00G_050_037de	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.421	0.124	51.7	-1.1	29.1	29.1	92.3	0.445	0.332	0.14	61.5	-9.6	42.6	43.6	102.7	18.6	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
878	Y00G_037_025de	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.322	0.124	43.3	-0.7	19.4	19.4	92.3	0.34	0.257	0.136	52.3	-8.3	31.2	32.2	104.9	16.6	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
879	Y00G_025_012de	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.223	0.124	34.8	-0.3	9.7	9.7	92.3	0.249	0.214	0.152	40.4	-5.0	15.7	16.4	107.7	9.4	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
880	NW_012de	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	22.0	0.0	-0.5	0.5	274.4	4.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
881	B00R_012_012de	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.035	0.125	19.0	0.1	-6.2	6.2	271.7	0.0	0.005	0.047	26.1	5.8	-13.2	14.4	293.7	11.4	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
882	Y00G_100_100de	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3	0.983	0.781	0.018	91.2	-14.4	84.3	85.5	99.7	14.9	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
883	Y00G_087_087de	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.692	0.0	75.6	-2.7	68.0	68.0	92.3	0.801	0.635	0.085	90.1	-13.2	90.5	91.5	98.3	28.7	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
884	Y00G_075_075de	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.593	0.0	67.2	-2.3	58.2	58.3	92.3	0.695	0.539	0.079	81.7	-13.1	82.2	83.3	99.0	30.0	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
885	Y00G_062_062de	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.494	0.0	58.7	-1.9	48.5	48.6	92.3	0.59	0.45	0.069	68.5	-11.5	68.1	69.1	99.6	23.9	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
886	Y00G_050_050de	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.395	0.0	50.2	-1.5	38.8	38.8	92.3	0.459	0.34	0.058	57.4	-9.8	56.0	56.9	99.9	20.3	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
887	Y00G_037_037de	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.296	0.0	41.7	-1.1	29.1	29.1	92.3	0.341	0.244	0.052	49.9	-9.7	43.6	44.7	102.6	18.7	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
888	Y00G_025_025de	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.197	0.0	33.3	-0.7	19.4	19.4	92.3	0.241	0.17	0.035	41.7	-7.8	32.1	33.0	103.8	16.8	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
889	Y00G_012_012de	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.098	0.0	24.8	-0.3	9.7	9.7	92.3	0.084	0.046	0.0	31.8	-4.5	15.8	16.4	106.1	10.1	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
890	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8	0.0	0.1	0.1	74.0	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 13.5

1-1132930-F0 RE630-7N, Page 30/33-F

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'*$

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

see similar files: http://130.149.60.45/~farbmetrik/RE63/RE63.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-1132930-F0

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 31/33

n	HIC*$_{Fde}$	*rgb*$_{\_Fde}$			*ict*$_{\_Fde}$			*h*$_{si\_F,de}$	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'**$_{Fde}$	*h*$_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
891	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.2	0.2	273.0	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
892	B50R_100_012$_{de}$	1.0	0.875	1.0	1.0	0.125	0.937	330	0.933	0.875	1.0	88.6	6.1	−3.7	7.1	328.6	0.921	0.837	0.96	91.5	8.3	−3.4	9.0	337.6	3.6	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
893	B50R_100_025$_{de}$	1.0	0.75	1.0	1.0	0.25	0.875	330	0.866	0.75	1.0	81.0	12.2	−7.4	14.3	328.6	0.866	0.721	0.897	85.9	16.6	−5.8	17.6	340.7	6.8	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
894	B50R_100_037$_{de}$	1.0	0.625	1.0	1.0	0.375	0.812	330	0.8	0.625	1.0	73.4	18.3	−11.1	21.4	328.6	0.808	0.599	0.868	79.7	25.5	−7.5	26.6	343.4	10.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
895	B50R_100_050$_{de}$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.733	0.5	1.0	65.8	24.4	−14.9	28.6	328.6	0.742	0.478	0.853	73.7	34.3	−9.0	35.5	345.2	14.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
896	B50R_100_062$_{de}$	1.0	0.375	1.0	1.0	0.625	0.687	330	0.667	0.375	1.0	58.1	30.5	−18.6	35.8	328.6	0.67	0.35	0.839	66.9	45.3	−10.4	46.4	347.0	19.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
897	B50R_100_075$_{de}$	1.0	0.25	1.0	1.0	0.75	0.625	330	0.6	0.25	1.0	50.5	36.6	−22.3	42.9	328.6	0.595	0.239	0.83	59.7	54.9	−11.4	56.1	348.2	23.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
898	B50R_100_087$_{de}$	1.0	0.125	1.0	1.0	0.875	0.562	330	0.534	0.125	1.0	42.9	42.7	−26.1	50.1	328.6	0.52	0.137	0.832	51.3	68.0	−10.7	68.8	351.0	30.7	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
899	B50R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6	0.47	0.0	1.0	46.9	70.2	−10.2	70.9	351.7	31.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
900	G00B_100_012$_{de}$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.894	91.0	−7.8	2.5	8.2	162.2	0.842	0.988	0.9	92.7	−8.0	7.2	10.8	138.0	5.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
901	NW_087$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	89.9	0.2	−0.2	0.3	312.5	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
902	B50R_087_012$_{de}$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.808	0.75	0.875	78.6	6.1	−3.7	7.1	328.6	0.802	0.723	0.814	83.4	10.0	−5.8	11.5	329.8	6.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
903	B50R_087_025$_{de}$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.741	0.625	0.875	71.0	12.2	−7.4	14.3	328.6	0.749	0.604	0.759	77.2	19.4	−8.2	21.1	336.9	9.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
904	B50R_087_037$_{de}$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.675	0.5	0.875	63.4	18.3	−11.1	21.4	328.6	0.681	0.468	0.745	70.7	28.4	−10.6	30.4	339.4	12.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
905	B50R_087_050$_{de}$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.608	0.375	0.875	55.8	24.4	−14.9	28.6	328.6	0.605	0.327	0.737	64.3	38.1	−12.7	40.2	341.4	16.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
906	B50R_087_062$_{de}$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.542	0.25	0.875	48.1	30.5	−18.6	35.8	328.6	0.526	0.216	0.711	57.5	47.6	−13.8	49.6	343.8	20.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
907	B50R_087_075$_{de}$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.475	0.125	0.875	40.5	36.6	−22.3	42.9	328.6	0.441	0.108	0.702	49.9	59.6	−15.7	61.6	345.2	25.7	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
908	B50R_087_087$_{de}$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.409	0.0	0.875	32.9	42.7	−26.1	50.1	328.6	0.364	0.01	0.719	43.7	64.2	−13.3	65.6	348.2	27.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
909	G00B_100_025$_{de}$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.788	85.8	−15.6	5.0	16.4	162.2	0.679	1.0	0.791	88.6	−14.9	13.1	19.9	138.7	8.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
910	G00B_087_012$_{de}$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.769	81.1	−7.8	2.5	8.2	162.2	0.694	0.811	0.734	87.1	−10.6	9.1	14.0	139.5	9.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
911	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	78.7	0.2	−0.3	0.3	303.5	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
912	B50R_075_012$_{de}$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.683	0.625	0.75	68.6	6.1	−3.7	7.1	328.6	0.659	0.581	0.665	72.8	10.1	−6.4	11.9	327.5	6.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
913	B50R_075_025$_{de}$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.616	0.5	0.75	61.0	12.2	−7.4	14.3	328.6	0.597	0.447	0.609	66.5	19.6	−8.9	21.6	335.5	9.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
914	B50R_075_037$_{de}$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.55	0.375	0.75	53.4	18.3	−11.1	21.4	328.6	0.532	0.333	0.589	59.3	28.7	−10.4	30.6	340.0	11.9	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
915	B50R_075_050$_{de}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.483	0.25	0.75	45.8	24.4	−14.9	28.6	328.6	0.458	0.213	0.564	52.7	39.3	−12.5	41.2	342.3	16.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
916	B50R_075_062$_{de}$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.417	0.125	0.75	38.2	30.5	−18.6	35.8	328.6	0.374	0.102	0.564	45.6	50.5	−12.7	52.1	345.8	22.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
917	B50R_075_075$_{de}$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.35	0.0	0.75	30.5	36.6	−22.3	42.9	328.6	0.3	0.0	0.556	38.7	57.7	−13.3	59.2	347.0	24.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
918	G00B_100_037$_{de}$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.682	80.6	−23.5	7.5	24.7	162.2	0.526	0.874	0.623	83.5	−20.9	16.0	26.4	142.5	9.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
919	G00B_087_025$_{de}$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.663	75.8	−15.6	5.0	16.4	162.2	0.539	0.788	0.601	82.3	−17.1	13.2	21.6	142.2	10.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
920	G00B_075_012$_{de}$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.644	71.1	−7.8	2.5	8.2	162.2	0.559	0.666	0.568	76.8	−10.3	6.0	11.9	149.7	7.1	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
921	NW_062$_{de}$	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	0.576	0.565	0.557	68.7	0.2	−0.9	0.9	284.6	2.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
922	B50R_062_012$_{de}$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.558	0.5	0.625	58.7	6.1	−3.7	7.1	328.6	0.531	0.452	0.528	63.1	10.7	−7.2	12.9	326.2	7.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
923	B50R_062_025$_{de}$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.491	0.375	0.625	51.0	12.2	−7.4	14.3	328.6	0.47	0.323	0.476	55.7	20.3	−9.3	22.3	335.1	9.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
924	B50R_062_037$_{de}$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.425	0.25	0.625	43.4	18.3	−11.1	21.4	328.6	0.389	0.207	0.443	49.1	31.0	−11.5	33.1	339.6	13.9	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
925	B50R_062_050$_{de}$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.358	0.125	0.625	35.8	24.4	−14.9	28.6	328.6	0.322	0.097	0.433	41.8	41.5	−11.4	43.0	344.6	18.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
926	B50R_062_062$_{de}$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.292	0.0	0.625	28.2	30.5	−18.6	35.8	328.6	0.25	0.0	0.415	34.8	51.0	−11.4	52.3	347.3	22.7	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
927	G00B_100_050$_{de}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.576	75.4	−31.3	10.0	32.9	162.2	0.405	0.874	0.501	77.5	−27.9	17.5	32.9	147.8	8.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
928	G00B_087_037$_{de}$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.557	70.6	−23.5	7.5	24.7	162.2	0.408	0.786	0.489	76.5	−26.1	15.3	30.3	149.6	10.1	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
929	G00B_075_025$_{de}$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.538	65.9	−15.6	5.0	16.4	162.2	0.428	0.656	0.462	72.0	−17.1	10.7	20.2	147.9	8.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
930	G00B_062_012$_{de}$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.519	61.1	−7.8	2.5	8.2	162.2	0.448	0.546	0.448	66.9	−10.3	4.9	11.4	154.1	6.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
931	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	57.8	0.1	−1.0	1.0	278.4	1.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
932	B50R_050_012$_{de}$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.433	0.375	0.5	48.7	6.1	−3.7	7.1	328.6	0.405	0.331	0.399	51.4	11.3	−7.5	13.5	326.2	6.9	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
933	B50R_050_025$_{de}$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.366	0.249	0.5	41.0	12.2	−7.4	14.3	328.6	0.342	0.216	0.353	45.3	22.2	−9.7	24.2	336.4	11.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
934	B50R_050_037$_{de}$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.3	0.124	0.5	33.4	18.3	−11.1	21.4	328.6	0.278	0.1	0.334	38.9	32.1	−9.7	33.5	343.0	14.8	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
935	B50R_050_050$_{de}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.233	0.0	0.5	25.8	24.4	−14.9	28.6	328.6	0.25	0.0	0.299	31.9	42.0	−9.0	43.0	347.8	19.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
936	G00B_100_062$_{de}$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.47	70.2	−39.2	12.5	41.1	162.2	0.291	0.874	0.376	70.5	−37.5	22.9	44.0	148.5	10.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
937	G00B_087_050$_{de}$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.451	65.4	−31.3	10.0	32.9	162.2	0.302	0.793	0.398	71.7	−34.8	19.7	40.0	150.4	12.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
938	G00B_075_037$_{de}$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.432	60.7	−23.5	7.5	24.7	162.2	0.324	0.665	0.369	66.0	−26.1	14.4	29.8	151.0	9.1	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
939	G00B_062_025$_{de}$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.413	55.9	−15.6	5.0	16.4	162.2	0.337	0.545	0.35	60.5	−19.6	8.7	21.5	155.9	7.1	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
940	G00B_050_012$_{de}$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.394	51.1	−7.8	2.5	8.2	162.2	0.344	0.434	0.337	54.5	−10.3	4.1	11.1	158.0	4.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
941	NW_037$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	47.0	0.0	−1.1	1.1	274.4	1.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
942	B50R_037_012$_{de}$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.308	0.249	0.375	38.7	6.1	−3.7	7.1	328.6	0.302	0.233	0.297	40.3	12.3	−7.3	14.4	329.2	7.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
943	B50R_037_025$_{de}$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.241	0.124	0.375	31.1	12.2	−7.4	14.3	328.6	0.229	0.114	0.241	35.5	23.4	−8.7	25.0	339.5	12.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
944	B50R_037_037$_{de}$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.175	0.0	0.375	23.4	18.3	−11.1	21.4	328.6	0.125	0.0	0.25	30.1	32.8	−8.3	33.8	345.8	16.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
945	G00B_100_075$_{de}$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.364	65.0	−47.0	15.0	49.4	162.2	0.25	1.0	0.375	64.1	−48.0	26.9	55.1	150.7	11.9	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
946	G00B_087_062$_{de}$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.345	60.2	−39.2	12.5	41.1	162.2	0.209	0.793	0.313	66.6	−44.3	25.5	51.2	150.0	15.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
947	G00B_075_050$_{de}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.326	55.5	−31.3	10.0	32.9	162.2	0.222	0.681	0.289	60.1	−33.9	18.3	38.5	151.5	9.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
948	G00B_062_037$_{de}$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.307	50.7	−23.5	7.5	24.7	162.2	0.248	0.562	0.269	54.4	−28.3	13.3	31.3	154.7	8.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
949	G00B_050_025$_{de}$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.288	45.9	−15.6	5.0	16.4	162.2	0.253	0.441	0.255	48.5	−21.0	9.4	23.1	155.7	7.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
950	G00B_037_012$_{de}$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.269	41.1	−7.8	2.5	8.2	162.2	0.254	0.34	0.249	43.9	−11.5	4.3	12.2	159.4	4.9	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
951	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	34.9	0.0	−0.9	0.9	273.6	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
952	B50R_025_012$_{de}$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.183	0.124	0.25	28.7	6.1	−3.7	7.1	328.6	0.194	0.128	0.192	32.1	12.3	−6.1	13.8	333.6	7.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
953	B50R_025_025$_{de}$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.116	0.0	0.25	21.1	12.2	−7.4	14.3	328.6	0.125	0.0	0.125	28.7	21.1	−7.1	22.3	341.2	11.7	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
954	G00B_100_087$_{de}$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.259	59.8	−54.9	17.6	57.6	162.2	0.125	0.874	0.25	58.3	−58.5	31.2	66.4	151.9	14.2	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
955	G00B_087_075$_{de}$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.239	55.0	−47.0	15.0	49.4	162.2	0.111	0.766	0.217	60.7	−54.7	30.8	62.8	150.6	18.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
956	G00B_075_062$_{de}$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.22	50.2	−39.2	12.5	41.1	162.2	0.121	0.646	0.189	56.0	−42.5	22.9	48.3	151.6	12.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
957	G00B_062_050$_{de}$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.201	45.5	−31.3	10.0	32.9	162.2	0.126	0.532	0.153	50.8	−36.8	18.7	41.3	153.0	11.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
958	G00B_050_037$_{de}$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.182	40.7	−23.5	7.5	24.7	162.2	0.132	0.401	0.129	44.9	−29.5	13.4	32.4	155.6	9.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
959	G00B_037_025$_{de}$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.163	35.9	−15.6	5.0	16.4	162.2	0.081	0.261	0.087	39.3	−22.8	8.0	24.2	160.5	8.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
960	G00B_025_012$_{de}$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.144	31.1	−7.8	2.5	8.2	162.2	0.113	0.202	0.116	36.5	−11.2	5.2	12.4	154.9	6.9	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
961	NW_012$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	22.6	0.0	−0.3	0.3	278.9	3.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
962	B50R_012_012$_{de}$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.058	0.0	0.125	18.7	6.1	−3.7	7.1	328.6	0.031	0.0	0.047	25.8	10.7	−3.7	11.3	340.6	8.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
963	G00B_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2	0.03	0.938	0.172	56.2	−63.4	34.4	72.2	151.4	14.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
964	G00B_087_087$_{de}$	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.134	49.8	−54.9	17.6	57.6	162.2	0.063	0.749	0.143	53.3	−69.2	32.4	76.4	154.8	20.9	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
965	G00B_075_075$_{de}$	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.114	45.0	−47.0	15.0	49.4	162.2	0.07	0.532	0.11	51.4	−70.2	30.8	76.7	156.3	28.7	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
966	G00B_062_062$_{de}$	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.095	40.3	−39.2	12.5	41.1	162.2	0.011	0.4	0.035	48.0	−66.7	29.2	72.9	156.3	33.1	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
967	G00B_050_050$_{de}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.076	35.5	−31.3	10.0	32.9	162.2	0.0	0.375	0.0	43.8	−58.7	24.2	63.5	157.5	31.9	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
968	G00B_037_037$_{de}$	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.057	30.7	−23.5	7.5	24.7	162.2	0.0	0.25	0.0	39.0	−35.8	14.3	38.6	158.2	16.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
969	G00B_025_025$_{de}$	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.038	25.9	−15.6	5.0	16.4	162.2	0.0	0.125	0.0	34.1	−22.4	7.4	23.6	161.5	10.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
970	G00B_012_012$_{de}$	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.019	21.1	−7.8	2.5	8.2	162.2	0.0	0.064	0.0	30.2	−8.7	5.5	10.3	147.8	9.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
971	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	0.0	−0.1	0.1	283.3	0.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta** **12.1**

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TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to $cmyk^*_{de}$

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 32/33

n	HIC*$_{Fde}$	rgb$_{Fde}$			ict$_{Fde}$			$h_{si\_F,de}$	rgb*$_{Fde}$			LabCh*$_{Fde}$					rgb'*$_{Fde}$			LabCh'*$_{Fde}$					DE'*$_{Fde}$	$h_{siM,de}$	rgb*$_{Mde}$			LabCh*$_{Mde}$				
972	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	0.0	0.0	0.0	111.1	1.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
973	NW_012$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	20.7	0.0	−0.5	0.5	261.0	5.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
974	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	35.4	0.0	−1.2	1.2	268.4	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
975	NW_037$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	46.8	0.0	−0.9	0.9	271.7	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
976	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	58.7	0.1	−1.1	1.1	276.3	2.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
977	NW_062$_{de}$	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	0.576	0.565	0.557	69.9	0.0	−0.9	0.9	275.2	3.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
978	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	79.7	0.1	−0.4	0.5	292.0	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
979	NW_087$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	89.9	0.1	−0.1	0.1	325.5	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
980	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.3	0.3	283.1	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
981	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.4	0.0	0.0	0.0	218.8	2.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
982	NW_012$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	19.6	0.0	−0.6	0.6	266.0	6.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
983	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	34.5	0.0	−1.2	1.2	270.3	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
984	NW_037$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	46.1	0.1	−1.1	1.1	276.0	1.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
985	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	57.9	0.1	−1.1	1.1	279.2	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
986	NW_062$_{de}$	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	0.576	0.565	0.557	69.4	0.2	−1.0	1.0	282.1	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
987	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	79.4	0.2	−0.5	0.6	293.1	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
988	NW_087$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	89.9	0.2	−0.2	0.3	310.2	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
989	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.1	−0.4	0.4	285.7	0.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
990	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.1	119.9	3.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
991	NW_012$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	19.3	0.0	−0.6	0.6	268.2	7.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
992	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	33.7	0.0	−0.9	0.9	270.0	2.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
993	NW_037$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	46.3	0.1	−1.0	1.0	278.2	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
994	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	57.6	0.1	−0.8	0.9	280.8	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
995	NW_062$_{de}$	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	0.576	0.565	0.557	69.4	0.2	−0.9	0.9	283.6	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
996	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	79.7	0.2	−0.3	0.4	302.7	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
997	NW_087$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	90.1	0.2	−0.3	0.3	309.8	3.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
998	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.2	0.2	273.8	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
999	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9	0.0	0.1	0.1	116.8	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1000	NW_012$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.153	0.147	0.143	19.0	0.0	−0.4	0.4	257.1	7.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1001	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.262	0.257	0.249	33.9	0.0	−0.9	0.9	267.5	2.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1002	NW_037$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.343	0.332	0.324	46.2	0.0	−0.8	0.8	273.3	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1003	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.461	0.449	0.438	56.9	0.1	−0.7	0.7	282.7	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1004	NW_062$_{de}$	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	0.576	0.565	0.557	68.6	0.1	−0.6	0.6	283.9	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1005	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.725	0.724	0.722	79.1	0.2	−0.2	0.3	310.0	2.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1006	NW_087$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.843	0.838	0.845	90.0	0.1	0.0	0.1	9.4	3.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1007	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.1	0.1	272.3	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1008	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9	0.0	0.0	0.0	144.8	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1009	NW_006$_{de}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.6	0.0	0.0	0.0	0.0	0.024	0.027	0.023	16.5	0.0	−0.1	0.1	268.5	5.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1010	NW_013$_{de}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	27.0	0.0	0.0	0.0	0.0	0.156	0.15	0.147	23.4	0.0	−0.8	0.8	269.7	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1011	NW_020$_{de}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	32.3	0.0	0.0	0.0	0.0	0.198	0.19	0.184	31.2	0.0	−1.0	1.0	268.3	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1012	NW_026$_{de}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.6	0.0	0.0	0.0	0.0	0.271	0.265	0.257	39.3	0.0	−1.2	1.2	271.6	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1013	NW_033$_{de}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.9	0.0	0.0	0.0	0.0	0.313	0.302	0.293	44.2	0.0	−1.0	1.0	274.0	1.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1014	NW_040$_{de}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.3	0.0	0.0	0.0	0.0	0.363	0.355	0.347	50.5	0.1	−1.1	1.1	275.6	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1015	NW_046$_{de}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.6	0.0	0.0	0.0	0.0	0.43	0.418	0.407	55.4	0.1	−0.9	0.9	277.8	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1016	NW_053$_{de}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.9	0.0	0.0	0.0	0.0	0.495	0.489	0.48	61.5	0.1	−0.9	0.9	279.0	2.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1017	NW_060$_{de}$	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	0.554	0.543	0.537	67.7	0.1	−0.7	0.8	280.8	3.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1018	NW_066$_{de}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.6	0.0	0.0	0.0	0.0	0.623	0.619	0.612	72.8	0.1	−0.6	0.7	284.3	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1019	NW_073$_{de}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.0	0.0	0.0	0.0	0.0	0.699	0.696	0.697	78.2	0.1	−0.3	0.4	296.9	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1020	NW_080$_{de}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.3	0.0	0.0	0.0	0.0	0.777	0.772	0.784	82.6	0.2	−0.1	0.2	327.3	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1021	NW_086$_{de}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.834	0.829	0.838	88.0	0.1	0.0	0.1	340.9	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1022	NW_093$_{de}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.909	0.909	0.932	93.0	0.0	0.0	0.1	321.2	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1023	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−0.1	0.1	253.3	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1024	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	0.0	0.0	0.0	67.5	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1025	NW_006$_{de}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.6	0.0	0.0	0.0	0.0	0.024	0.027	0.023	16.7	0.0	−0.1	0.1	298.2	4.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1026	NW_013$_{de}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	27.0	0.0	0.0	0.0	0.0	0.156	0.15	0.147	23.3	0.0	−0.7	0.7	270.9	3.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1027	NW_020$_{de}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	32.3	0.0	0.0	0.0	0.0	0.198	0.19	0.184	30.6	0.0	−1.1	1.1	270.3	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1028	NW_026$_{de}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.6	0.0	0.0	0.0	0.0	0.271	0.265	0.257	38.8	0.0	−1.2	1.2	272.4	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1029	NW_033$_{de}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.9	0.0	0.0	0.0	0.0	0.313	0.302	0.293	43.7	0.1	−1.0	1.0	277.8	1.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1030	NW_040$_{de}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.3	0.0	0.0	0.0	0.0	0.363	0.355	0.347	50.1	0.1	−0.9	0.9	279.4	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1031	NW_046$_{de}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.6	0.0	0.0	0.0	0.0	0.43	0.418	0.407	54.8	0.1	−0.9	0.9	281.9	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1032	NW_053$_{de}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.9	0.0	0.0	0.0	0.0	0.495	0.489	0.48	61.4	0.2	−0.9	0.9	283.0	2.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1033	NW_060$_{de}$	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	0.554	0.543	0.537	67.1	0.2	−0.9	0.9	284.9	2.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1034	NW_066$_{de}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.6	0.0	0.0	0.0	0.0	0.623	0.619	0.612	72.2	0.2	−0.6	0.6	289.8	2.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1035	NW_073$_{de}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.0	0.0	0.0	0.0	0.0	0.699	0.696	0.697	77.6	0.2	−0.4	0.5	298.2	2.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1036	NW_080$_{de}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.3	0.0	0.0	0.0	0.0	0.777	0.772	0.784	82.6	0.2	−0.1	0.3	324.4	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1037	NW_086$_{de}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.834	0.829	0.838	88.0	0.2	−0.2	0.3	320.4	2.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1038	NW_093$_{de}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.909	0.909	0.932	93.0	0.1	−0.2	0.3	305.1	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1039	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.3	0.3	278.8	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1040	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.1	0.1	61.0	4.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1041	NW_006$_{de}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.6	0.0	0.0	0.0	0.0	0.024	0.027	0.023	15.9	0.1	−0.1	0.1	317.6	5.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1042	NW_013$_{de}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	27.0	0.0	0.0	0.0	0.0	0.156	0.15	0.147	22.8	0.0	−0.7	0.7	273.7	4.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1043	NW_020$_{de}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	32.3	0.0	0.0	0.0	0.0	0.198	0.19	0.184	30.1	0.0	−0.8	0.8	273.5	2.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1044	NW_026$_{de}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.6	0.0	0.0	0.0	0.0	0.271	0.265	0.257	38.5	0.1	−1.0	1.0	276.4	1.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1045	NW_033$_{de}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.9	0.0	0.0	0.0	0.0	0.313	0.302	0.293	43.0	0.1	−0.9	0.9	276.8	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1046	NW_040$_{de}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.3	0.0	0.0	0.0	0.0	0.363	0.355	0.347	49.8	0.2	−0.9	0.9	284.1	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1047	NW_046$_{de}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.6	0.0	0.0	0.0	0.0	0.43	0.418	0.407	54.5	0.1	−0.7	0.7	283.9	1.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1048	NW_053$_{de}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.9	0.0	0.0	0.0	0.0	0.495	0.489	0.48	60.7	0.2	−0.9	0.9	285.1	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1049	NW_060$_{de}$	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	0.554	0.543	0.537	66.5	0.1	−0.6	0.6	286.3	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1050	NW_066$_{de}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.6	0.0	0.0	0.0	0.0	0.623	0.619	0.612	71.9	0.2	−0.6	0.7	290.9	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1051	NW_073$_{de}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.0	0.0	0.0	0.0	0.0	0.699	0.696	0.697	77.4	0.2	−0.2	0.3	307.9	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1052	NW_080$_{de}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.3	0.0	0.0	0.0	0.0	0.777	0.772	0.784	82.1	0.3	−0.2	0.4	322.8	1.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta** **2.6**

1-1133130-F0

RE630-7N, Page 32/33-F

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'*$

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

TUB registration: 20150701-RE63/RE63L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6* (CMYK)

see similar files: http://130.149.60.45/~farbmetrik/RE63/RE63.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-1133130-F0

http://130.149.60.45/~farbmetrik/RE63/RE63L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE63/RE63LE30FP.DAT in file (F), page 33/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde				
1053	NW_086de	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0
1054	NW_093de	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0
1055	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1056	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0
1057	NW_006de	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.6	0.0	0.0	0.0	0.0
1058	NW_013de	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	27.0	0.0	0.0	0.0	0.0
1059	NW_020de	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	32.3	0.0	0.0	0.0	0.0
1060	NW_026de	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.6	0.0	0.0	0.0	0.0
1061	NW_033de	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.9	0.0	0.0	0.0	0.0
1062	NW_040de	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.3	0.0	0.0	0.0	0.0
1063	NW_046de	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.6	0.0	0.0	0.0	0.0
1064	NW_053de	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.9	0.0	0.0	0.0	0.0
1065	NW_060de	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
1066	NW_066de	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.6	0.0	0.0	0.0	0.0
1067	NW_073de	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.0	0.0	0.0	0.0	0.0
1068	NW_080de	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.3	0.0	0.0	0.0	0.0
1069	NW_086de	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0
1070	NW_093de	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0
1071	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1072	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0
1073	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1074	R00Y_100_100de	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
1075	G50B_100_100de	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
1076	Y00G_100_100de	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
1077	B00R_100_100de	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
1078	G00B_100_100de	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
1079	B50R_100_100de	1.0	0.0	1.0	1.0	1.0	0.5	330	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6

n	rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
1053	0.834	0.829	0.838	87.5	0.1	0.0	0.1	14.3	1.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1054	0.909	0.909	0.932	92.9	0.2	−0.3	0.3	304.0	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1055	1.0	1.0	1.0	96.2	0.0	−0.1	0.1	245.9	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1056	0.0	0.0	0.0	11.5	0.0	0.2	0.2	82.0	4.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1057	0.024	0.027	0.023	14.8	0.0	0.1	0.1	78.2	6.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1058	0.156	0.15	0.147	21.9	0.0	−0.4	0.4	270.8	5.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1059	0.198	0.19	0.184	29.5	0.0	−0.8	0.8	274.4	2.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1060	0.271	0.265	0.257	38.1	0.0	−0.8	0.8	274.0	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1061	0.313	0.302	0.293	42.6	0.1	−0.8	0.8	278.2	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1062	0.363	0.355	0.347	49.3	0.1	−0.7	0.7	278.3	1.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1063	0.43	0.418	0.407	54.1	0.1	−0.6	0.7	286.3	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1064	0.495	0.489	0.48	61.0	0.1	−0.6	0.6	282.7	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1065	0.554	0.543	0.537	66.4	0.1	−0.6	0.6	286.2	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1066	0.623	0.619	0.612	71.9	0.1	−0.4	0.4	288.3	2.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1067	0.699	0.696	0.697	77.2	0.2	−0.2	0.3	314.2	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1068	0.777	0.772	0.784	81.8	0.2	0.0	0.2	15.2	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1069	0.834	0.829	0.838	87.6	0.1	0.0	0.1	2.0	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1070	0.909	0.909	0.932	92.7	0.0	0.1	0.1	70.4	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1071	1.0	1.0	1.0	96.2	0.0	0.0	0.1	282.1	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1072	0.0	0.0	0.0	14.6	0.0	0.0	0.0	39.8	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1073	1.0	1.0	1.0	96.3	0.0	0.0	0.0	109.2	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1074	1.0	0.0	0.246	46.1	58.9	40.3	71.4	34.3	12.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
1075	0.043	0.874	0.776	53.0	−32.8	−40.1	51.8	230.6	12.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
1076	0.983	0.781	0.018	91.2	−14.6	87.8	89.0	99.4	16.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
1077	0.0	0.286	0.874	31.6	22.5	−44.6	50.0	296.8	22.4	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
1078	0.03	0.938	0.172	54.7	−66.4	34.5	74.8	152.5	14.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
1079	0.47	0.0	1.0	46.8	71.8	−11.8	72.7	350.5	31.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6

Mean color difference of this page: **delta** **5.7**

1−1133230−F0 RE630−7N, Page 33/33−F

TUB-test chart RE63; 1080 standard colours, *cf*=1
colors and differences, Δ*E'**

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to $cmyk^*_{de}$

1−1133230−F0