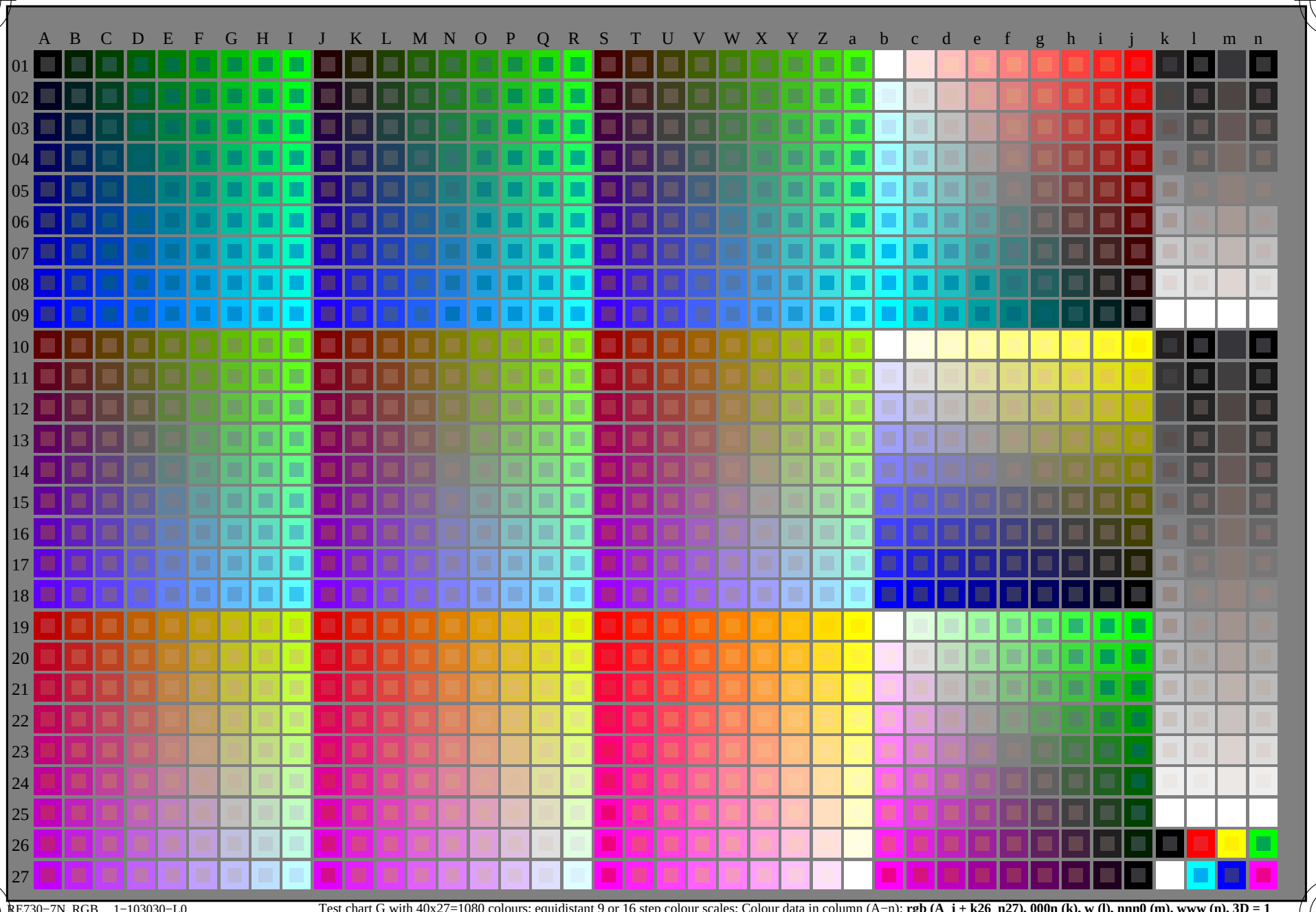


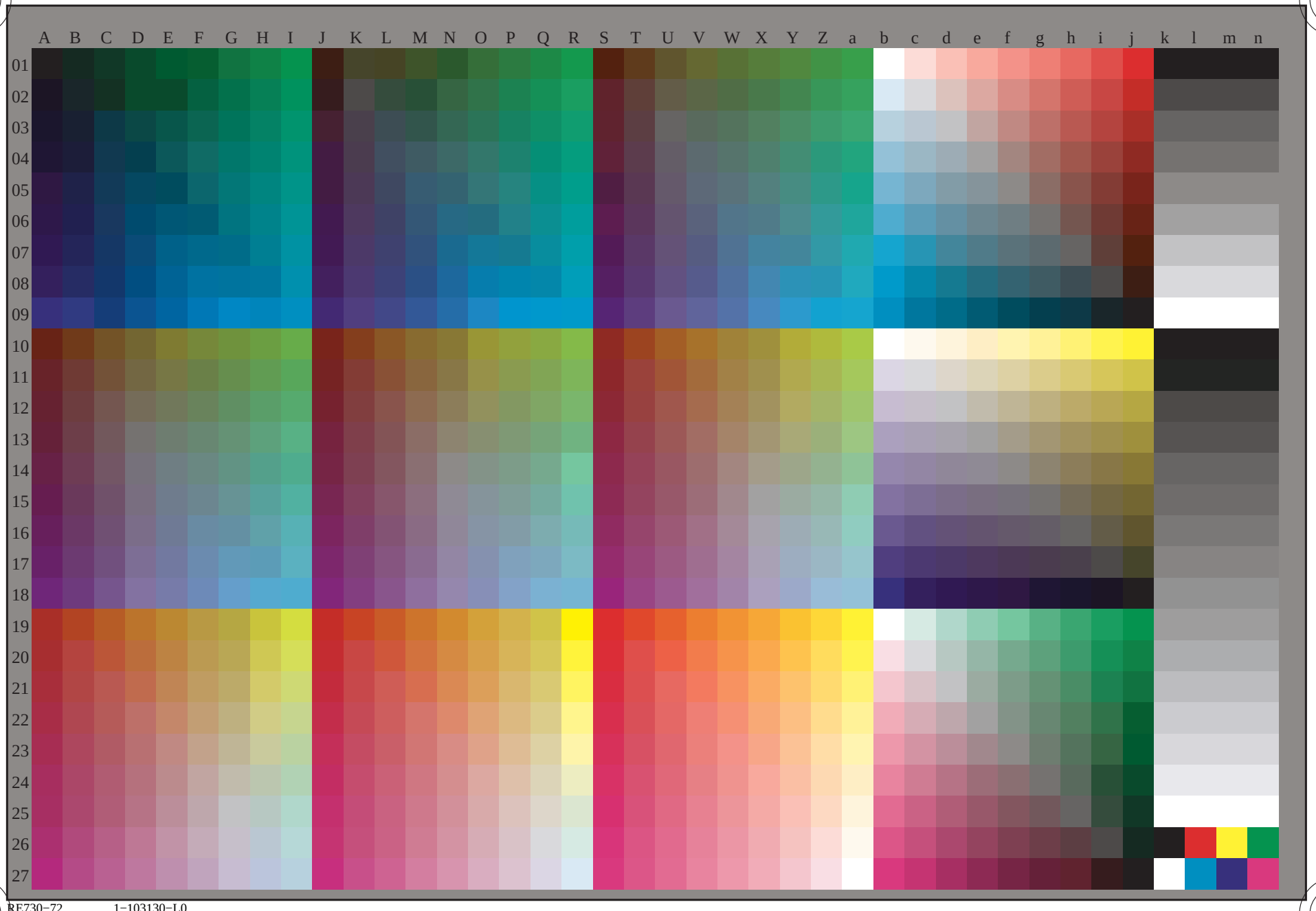
RE730−7N_RGB 1−103030−L0

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 RE73; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

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

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 2/33



see similar files: http://130.149.60.45/~farbmetrik/RE73/RE73.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE73/RE73L0FP.PDF /.PS
application for measurement of laser printer output, separation cmyn6* (CMYK)

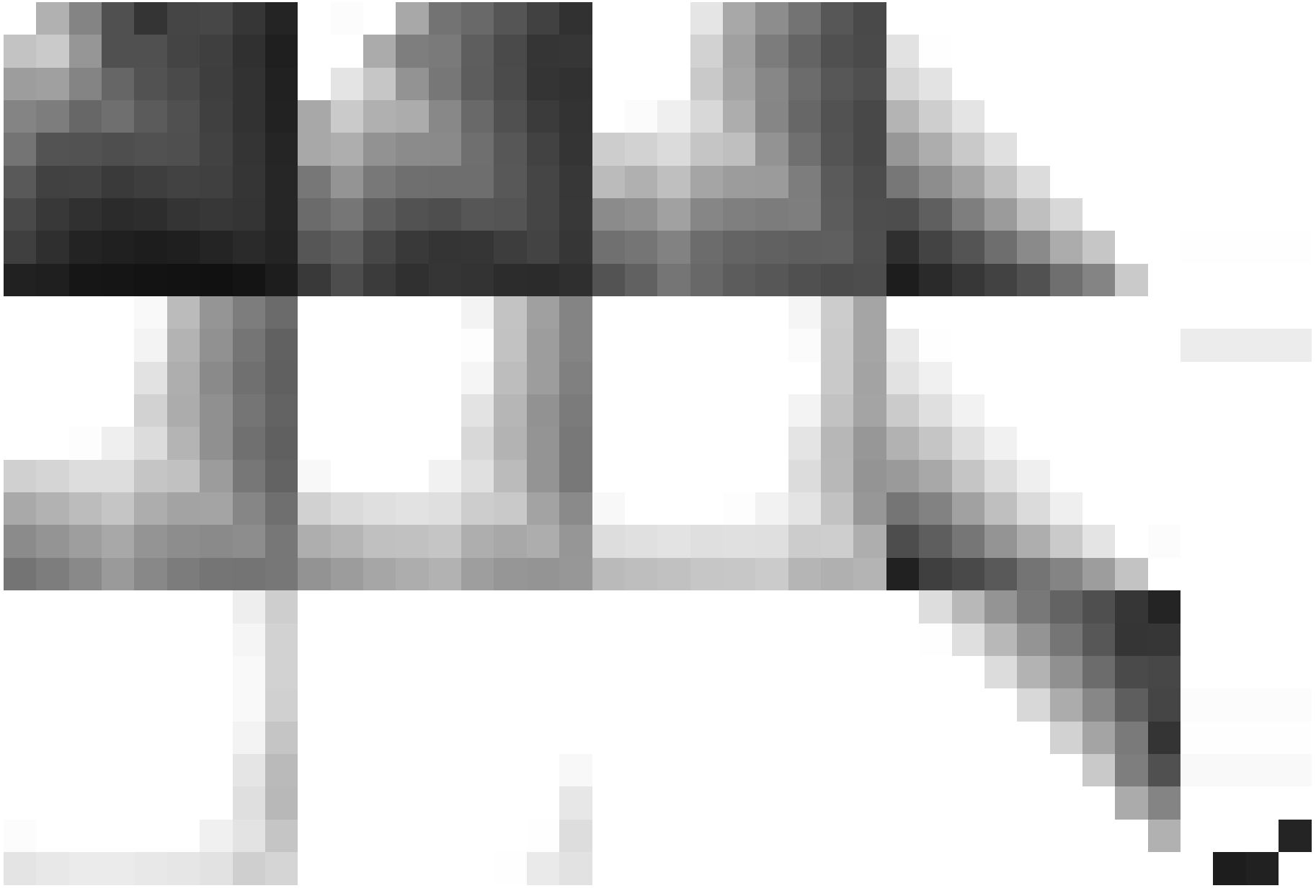
TUB material: code=rha4ta

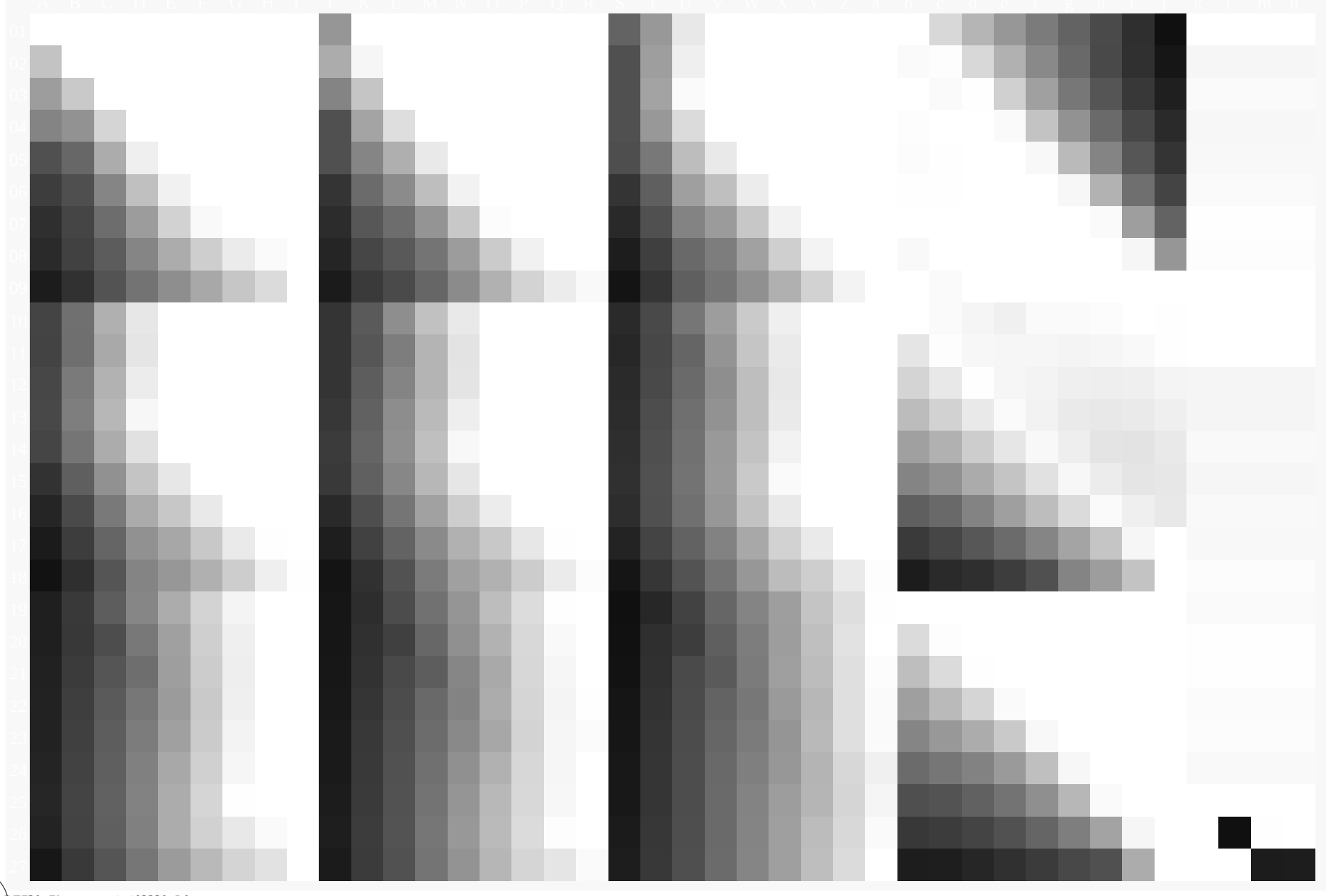
RE730−72 1−103130−L0

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
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



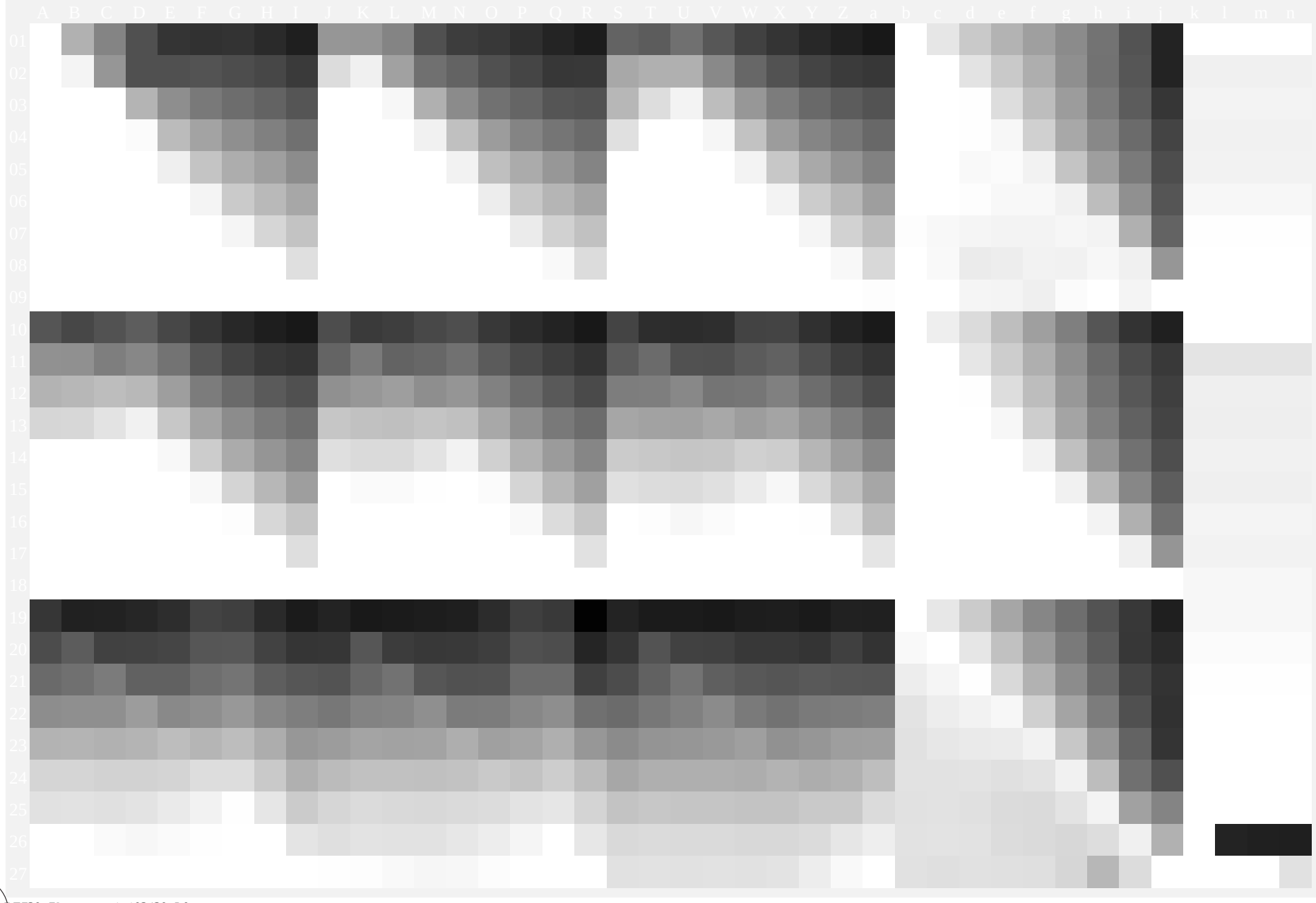


RE730−72 1−103330−L0

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

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

1−103330−F0



TUB registration: 20150701-RE73/RE73L0FP.PDF /.PS
application for measurement of laser printer output, separation cmyn6* (CMYK)

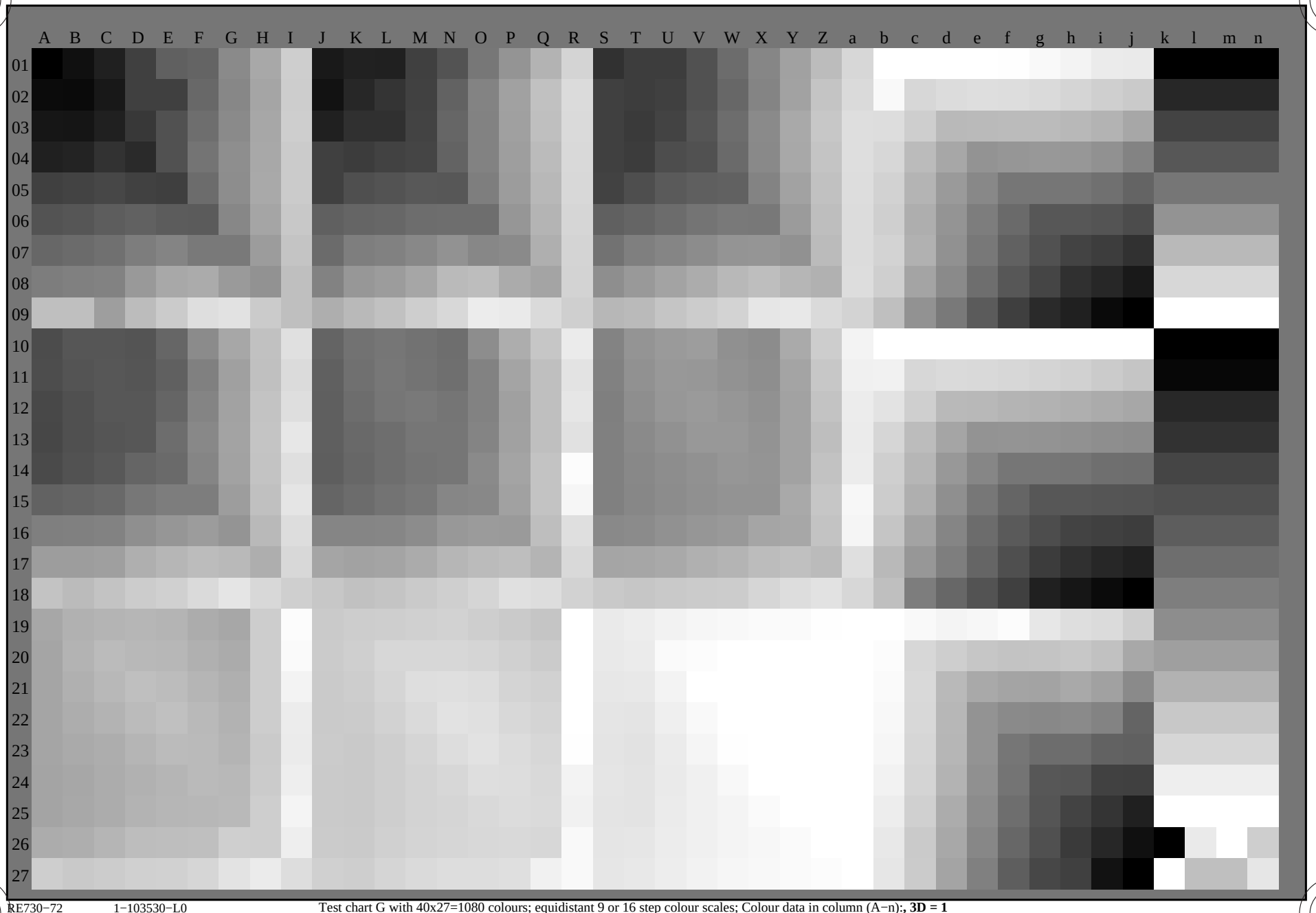
TUB material: code=rha4ta

RE730−72 1−103430−L0

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

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

1−103430−F0



RE730−72 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**

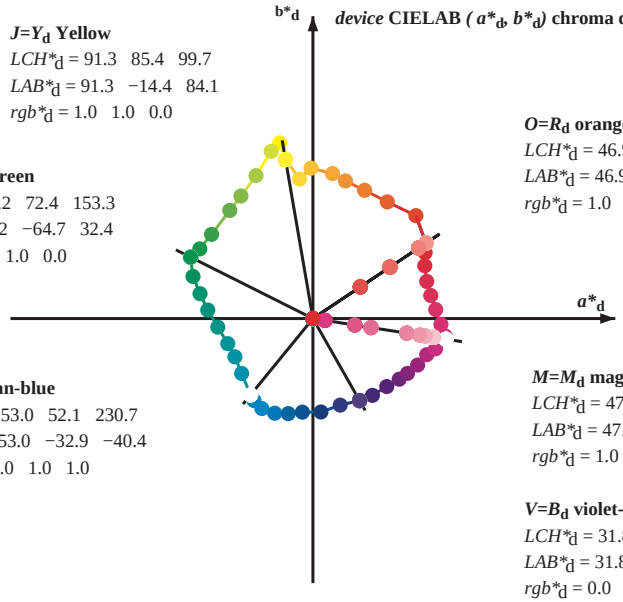
TUB-test chart RE73; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

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

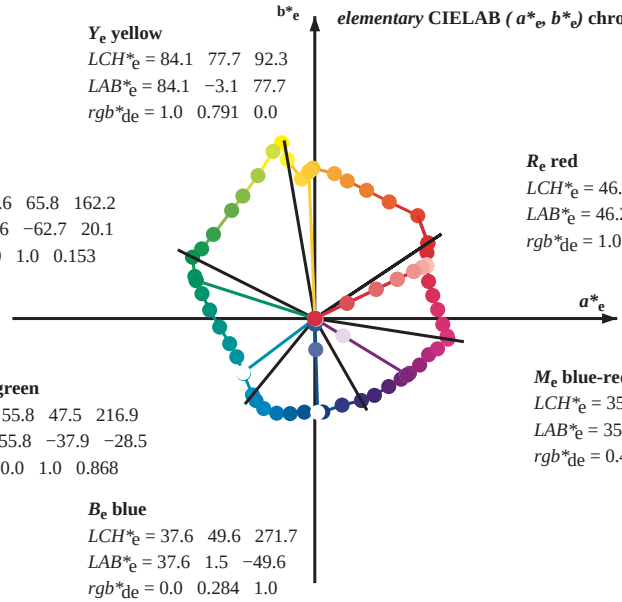
L=G_d leaf-green
LCH^*_d = 55.2 72.4 153.3
LAB^*_d = 55.2 −64.7 32.4
rgb^*_d = 0.0 1.0 0.0

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

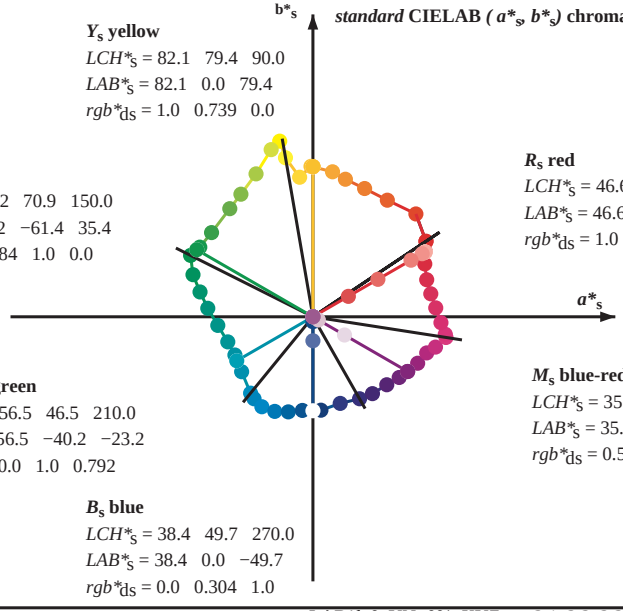
G_e green
LCH^*_e = 54.6 65.8 162.2
LAB^*_e = 54.6 −62.7 20.1
rgb^*_{de} = 0.0 1.0 0.153

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			

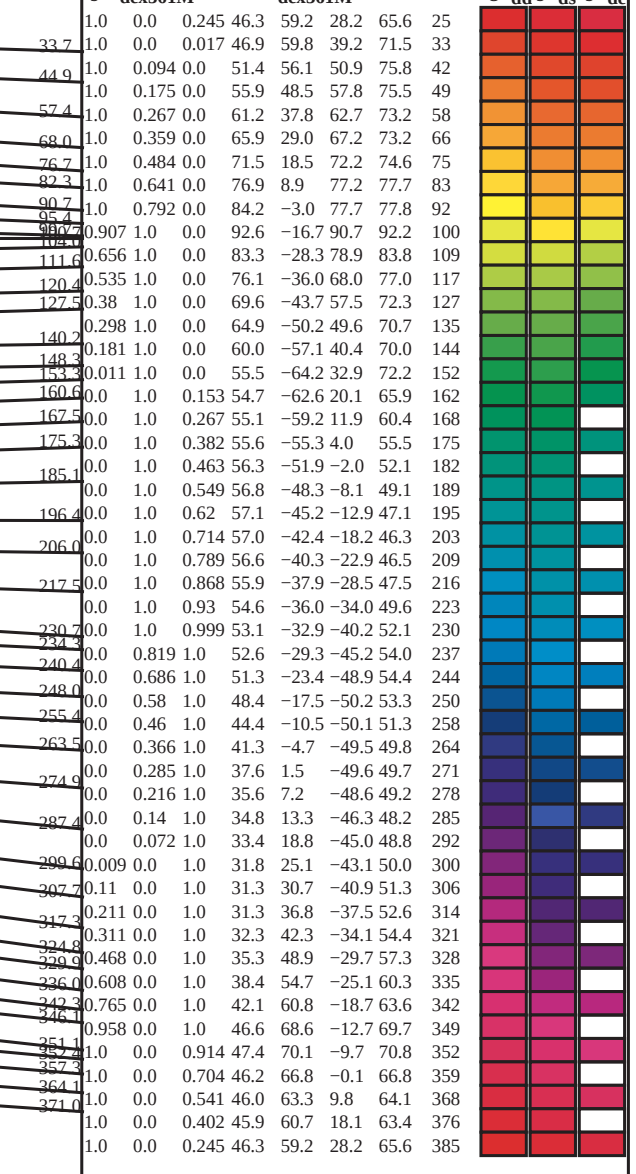
TUB-test chart RE73; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb*−*LabCh**tables

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

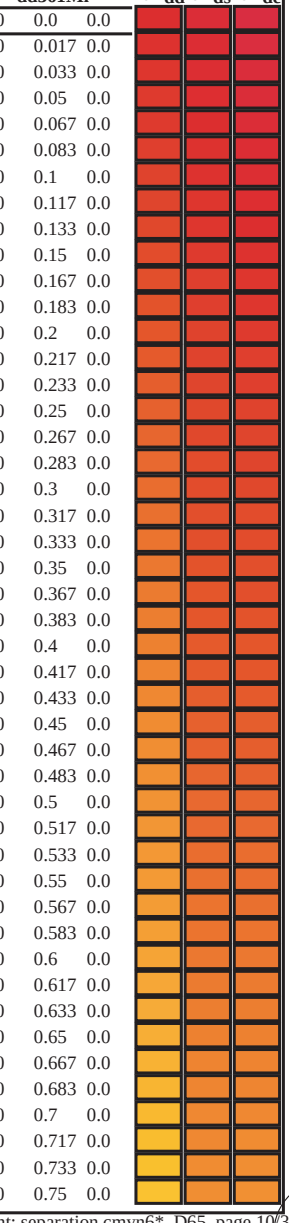
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd64M			*LAB** ddx64M (x=LabCh)				
33.7	30.0	25.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
44.9	37.5	33.8	1.0	0.125	0.0	52.8	54.4	54.4	77.0	44.9
57.4	45.0	42.1	1.0	0.25	0.0	60.3	39.3	61.7	73.2	57.4
68.0	52.5	50.5	1.0	0.375	0.0	66.7	27.3	67.8	73.1	68.0
76.7	60.0	58.8	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			



RE730−72 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

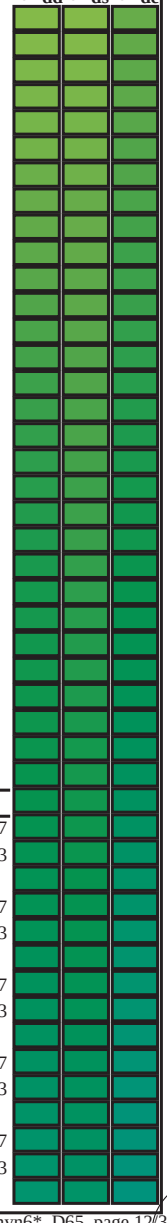
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 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	

RE730−72 1−1031030−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 11/33

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

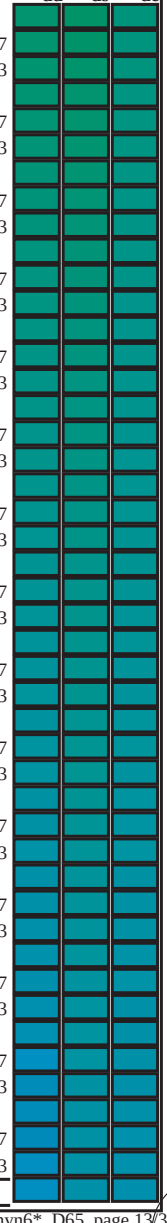


TUB-test chart RE73; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb−LabCh**tables

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			*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 RE73; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb−LabCh**tables

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

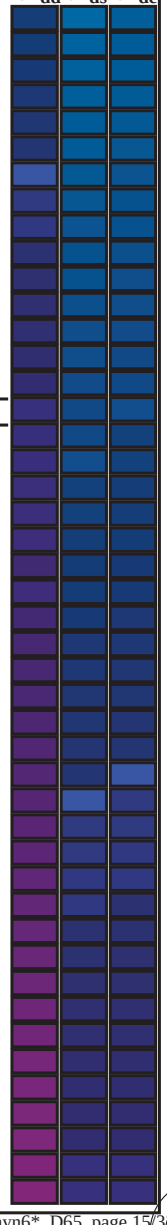
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 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



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

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

RE730−72 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	

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb*−*LabCh**tables

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

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	53.8	35.9	64.7	33.7	0.919	0.046	0.115	45.8	60.0	36.6	70.3	31.3	6.3	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	49.4	48.1	69.0	44.2	0.93	0.133	0.088	52.3	55.1	50.4	74.7	42.4	6.1	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	37.2	54.8	66.3	55.7	0.948	0.241	0.093	58.5	42.5	56.7	70.9	53.1	5.6	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	25.3	60.7	65.8	67.3	0.963	0.381	0.089	65.2	29.9	60.6	67.6	63.6	4.7	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	15.4	65.5	67.3	76.7	0.974	0.501	0.107	71.4	18.4	65.5	68.0	74.2	3.1	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	8.6	69.2	69.8	82.8	0.98	0.606	0.113	75.5	11.4	69.4	70.3	80.6	2.9	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	−1.6	70.9	70.9	91.3	0.978	0.75	0.096	82.4	0.0	71.1	71.1	89.9	1.9	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	−6.7	67.0	67.4	95.7	0.996	0.867	0.128	86.4	−5.5	67.0	67.2	94.7	1.4	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	−13.0	75.7	76.8	99.7	1.0	0.994	0.125	90.9	−13.3	77.1	78.2	99.8	1.4	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	−15.6	83.1	84.5	100.6	1.0	1.0	0.005	91.0	−14.2	85.5	86.6	99.4	3.3	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	−19.3	80.1	82.4	103.5	0.798	0.989	0.101	89.5	−21.0	81.1	83.8	104.5	1.9	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	−26.6	68.8	73.8	111.1	0.615	0.952	0.091	80.6	−30.7	70.9	77.3	113.3	4.7	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	−34.2	58.3	67.6	120.4	0.473	0.923	0.077	72.4	−39.8	59.2	71.3	123.9	5.8	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	−40.2	50.7	64.8	128.4	0.36	0.879	0.066	67.6	−45.4	51.1	68.4	131.5	5.3	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	−49.0	39.2	62.8	141.3	0.224	0.844	0.061	60.2	−56.6	40.1	69.4	144.7	7.8	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	−54.1	32.9	63.3	148.7	0.14	0.83	0.068	56.9	−58.7	31.1	66.5	152.0	5.0	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	−58.2	29.2	65.1	153.3	0.091	0.807	0.074	54.6	−59.1	28.2	65.5	154.4	1.4	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	−57.2	20.6	60.8	160.1	0.075	0.804	0.162	54.4	−57.3	19.2	60.4	161.4	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	−54.2	12.8	55.7	166.6	0.08	0.806	0.251	54.4	−56.1	12.5	57.5	167.4	1.9	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	−50.3	4.5	50.5	174.8	0.083	0.798	0.334	54.5	−54.7	4.5	54.9	175.2	4.4	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	−45.2	−4.0	45.4	185.1	0.091	0.797	0.425	55.9	−49.8	−3.9	49.9	184.5	4.5	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	−40.3	−12.3	42.2	197.0	0.091	0.783	0.504	56.6	−43.6	−12.4	45.4	195.8	3.3	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	−36.8	−19.2	41.5	207.6	0.088	0.768	0.581	56.6	−40.1	−19.0	44.4	205.4	3.2	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	−33.7	−26.8	43.1	218.4	0.076	0.749	0.651	55.2	−36.3	−26.7	45.1	216.3	2.6	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	−29.6	−36.3	46.9	230.7	0.052	0.749	0.749	53.2	−34.3	−35.3	49.3	225.8	4.7	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	−28.1	−38.8	47.9	234.0	0.037	0.681	0.797	51.9	−28.4	−41.2	50.0	235.3	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	−24.8	−42.3	49.1	239.6	0.044	0.683	0.886	51.5	−27.7	−43.2	51.4	237.3	3.2	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	−18.5	−44.9	48.6	247.5	0.043	0.566	0.87	48.5	−17.1	−46.9	49.9	249.9	2.9	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	−11.7	−45.2	46.7	255.4	0.031	0.432	0.798	44.8	−11.8	−46.8	48.3	255.7	1.7	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	−4.4	−44.6	44.8	264.3	0.025	0.311	0.738	39.9	−4.3	−47.7	47.9	264.8	3.3	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	5.0	−44.1	44.4	276.5	0.001	0.163	0.621	33.5	6.7	−46.6	47.1	278.2	3.7	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	13.6	−41.1	43.3	288.2	0.061	0.115	0.749	34.5	16.8	−43.7	46.8	291.0	4.1	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	22.1	−39.0	44.9	299.6	0.065	0.05	0.749	29.6	26.8	−43.1	50.7	301.8	6.5	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	27.9	−36.7	46.2	307.2	0.116	0.032	0.682	28.2	30.7	−40.2	50.6	307.3	5.3	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	34.3	−33.0	47.6	316.1	0.203	0.016	0.715	28.7	35.9	−35.9	50.8	315.0	4.2	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	40.6	−29.1	50.0	324.3	0.329	0.021	0.764	31.3	41.9	−32.5	53.1	322.2	4.1	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	45.0	−26.0	52.0	329.9	0.438	0.032	0.781	32.8	45.5	−29.8	54.4	326.7	4.9	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	50.1	−21.8	54.7	336.4	0.565	0.037	0.788	36.3	50.6	−25.0	56.5	333.7	4.1	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	54.7	−16.8	57.2	342.8	0.719	0.049	0.808	39.4	56.2	−18.8	59.3	341.4	3.6	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	58.7	−14.1	60.4	346.4	0.813	0.061	0.812	42.3	61.8	−16.6	64.0	344.9	4.6	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	63.3	−9.8	64.1	351.1	0.9	0.088	0.793	47.3	65.7	−11.5	66.7	350.0	2.9	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	63.0	−8.4	63.6	352.3	0.896	0.082	0.759	46.7	66.5	−8.5	67.1	352.7	3.5	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	61.2	−3.5	61.3	356.7	0.895	0.071	0.68	46.0	64.8	−1.6	64.8	358.5	4.0	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	58.6	3.8	58.8	3.7	0.896	0.072	0.582	46.4	61.7	7.1	62.1	366.6	4.5	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	56.1	10.9	57.1	11.0	0.893	0.065	0.48	45.9	59.4	15.5	61.4	374.6	5.6	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	54.1	18.1	57.1	18.5	0.896	0.059	0.365	44.5	59.6	22.5	63.7	380.7	7.2	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	53.3	25.9	59.3	25.9	0.905	0.052	0.26	44.6	59.5	28.0	65.8	385.1	6.7	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	53.4	31.6	62.1	30.6	0.912	0.049	0.178	45.1	59.4	33.0	68.0	389.0	6.3	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	53.8	35.9	64.7	33.7	0.919	0.046	0.115	45.8	60.0	36.6	70.3	391.3	6.3	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	14.9	0.0	0.0	0.0	0.0	1.4	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	25.4	0.1	0.4	0.4	73.9	1.0	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	36.9	0.0	−0.3	0.3	269.9	0.6	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	46.7	0.4	−0.1	0.4	340.9	0.6	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	58.0	0.2	0.2	0.4	44.7	1.7	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	67.4	0.0	−0.5	0.5	267.6	1.2	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	76.2	0.0	0.0	0.1	314.8	0.1	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	86.5	0.1	0.1	0.2	53.7	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	96.4	0.0	0.0	0.0	0.0	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 3.6

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
colors and differences, $\Delta E'^*$

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

1−1031730−F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 19/33

n/j	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				
0/648	R00Y_100_100dd	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	46.9	53.8	35.9	64.7	33.7	0.919	0.046	0.115	45.8	60.0	36.6	70.3	31.3	6.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
1/666	R25Y_100_100dd	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	59.3	37.2	54.8	66.3	55.7	0.948	0.241	0.093	58.5	42.5	56.7	70.9	53.1	5.6	42	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
2/684	R50Y_100_100dd	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	72.2	15.4	65.5	67.3	76.7	0.974	0.501	0.107	71.4	18.4	65.5	68.0	74.2	3.1	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
3/702	R75Y_100_100dd	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	83.3	−1.6	70.9	70.9	91.3	0.978	0.75	0.096	82.4	0.0	71.1	71.1	89.9	1.9	77	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
4/720	Y00G_100_100dd	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.3	−13.0	75.7	76.8	99.7	1.0	0.994	0.125	90.9	−13.3	77.1	78.2	99.8	1.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
5/558	Y25G_100_100dd	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	89.7	−19.3	80.1	82.4	103.5	0.798	0.989	0.101	89.5	−21.0	81.1	83.8	104.5	1.9	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
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	−34.2	58.3	67.6	120.4	0.473	0.923	0.077	72.4	−39.8	59.2	71.3	123.9	5.8	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
7/234	Y75G_100_100dd	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	61.6	−49.0	39.2	62.8	141.3	0.224	0.844	0.061	60.2	−56.6	40.1	69.4	144.7	7.8	137	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
8/72	G00B_100_100dd	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.2	−58.2	29.2	65.1	153.3	0.091	0.807	0.074	54.6	−59.1	28.2	65.5	154.4	1.4	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
9/72	G00B_100_100dd	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.2	−58.2	29.2	65.1	153.3	0.091	0.807	0.074	54.6	−59.1	28.2	65.5	154.4	1.4	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
10/76	G25B_100_100dd	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	56.5	−45.2	−4.0	45.4	185.1	0.091	0.797	0.425	55.9	−49.8	−3.9	49.9	184.5	4.5	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
11/80	G50B_100_100dd	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.0	−29.6	−36.3	46.9	230.7	0.052	0.749	0.749	53.2	−34.3	−35.3	49.3	225.8	4.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
12/44	G75B_100_100dd	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	45.6	−11.7	−45.2	46.7	255.4	0.031	0.432	0.798	44.8	−11.8	−46.8	48.3	255.7	1.7	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
13/8	B00M_100_100dd	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	31.8	22.1	−39.0	44.9	299.6	0.065	0.05	0.749	29.6	26.8	−43.1	50.7	301.8	6.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
14/332	B25R_100_100dd	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	35.9	45.0	−26.0	52.0	329.9	0.438	0.032	0.781	32.8	45.5	−29.8	54.4	326.7	4.9	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
15/656	B50R_100_100dd	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	47.7	63.3	−9.8	64.1	351.1	0.9	0.088	0.793	47.3	65.7	−11.5	66.7	350.0	2.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
16/652	B75R_100_100dd	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	45.8	56.1	10.9	57.1	11.0	0.893	0.065	0.48	45.9	59.4	15.5	61.4	14.6	5.6	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
17/648	R00Y_100_100dd	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	46.9	53.8	35.9	64.7	33.7	0.919	0.046	0.115	45.8	60.0	36.6	70.3	31.3	6.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
18/688	R00Y_100_050dd	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.6	26.9	17.9	32.3	33.7	0.994	0.477	0.618	70.3	29.1	18.7	34.6	32.7	2.7	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
19/706	R50Y_100_050dd	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	84.2	7.7	32.7	33.6	76.7	1.0	0.725	0.588	83.1	6.2	31.7	32.3	78.7	2.0	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
20/724	Y00G_100_050dd	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	93.8	−6.5	37.8	38.4	99.7	1.0	0.979	0.623	92.9	−9.4	39.8	40.9	103.3	3.5	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
21/562	Y50G_100_050dd	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	85.1	−17.1	29.1	33.8	120.4	0.711	0.919	0.542	84.3	−20.8	29.9	36.5	124.8	3.9	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
22/400	G00B_100_050dd	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	75.7	−29.1	14.6	32.5	153.3	0.462	0.986	0.516	72.4	−33.3	13.2	35.9	158.3	5.5	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
23/404	G50B_100_050dd	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	74.6	−14.8	−18.1	23.4	230.7	0.483	0.816	0.824	72.3	−17.8	−22.3	28.6	231.3	5.6	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
24/368	B00R_100_050dd	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	64.0	11.0	−19.5	22.4	299.6	0.562	0.505	0.81	61.8	9.5	−20.4	22.5	295.1	2.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
25/692	B50R_100_050dd	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	72.0	31.6	−4.9	32.0	351.1	0.962	0.501	0.849	73.6	33.0	−5.5	33.5	350.4	2.2	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
26/688	R00Y_100_050dd	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.6	26.9	17.9	32.3	33.7	0.994	0.477	0.618	70.3	29.1	18.7	34.6	32.7	2.7	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
27/506	R00Y_075_050dd	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.6	26.9	17.9	32.3	33.7	0.721	0.221	0.334	51.2	29.2	18.5	34.6	32.3	2.4	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
28/524	R50Y_075_050dd	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	64.2	7.7	32.7	33.6	76.7	0.737	0.445	0.266	64.0	8.9	34.3	35.4	75.3	2.0	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
29/542	Y00G_075_050dd	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	73.8	−6.5	37.8	38.4	99.7	0.686	0.637	0.297	73.8	−7.3	40.8	41.5	100.1	3.1	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
30/380	Y50G_075_050dd	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	65.1	−17.1	29.1	33.8	120.4	0.454	0.625	0.245	65.3	−18.6	27.6	33.3	124.0	2.1	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
31/218	G00B_075_050dd	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	55.8	−29.1	14.6	32.5	153.3	0.262	0.661	0.255	55.3	−31.5	13.0	34.1	157.6	2.9	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
32/222	G50B_075_050dd	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	54.6	−14.8	−18.1	23.4	230.7	0.264	0.569	0.545	55.0	−16.2	−19.8	25.6	230.7	2.1	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
33/186	B00R_075_050dd	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	44.0	11.0	−19.5	22.4	299.6	0.316	0.249	0.52	41.9	11.7	−22.6	25.5	297.4	3.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
34/510	B50R_075_050dd	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.0	31.6	−4.9	32.0	351.1	0.676	0.239	0.591	49.7	32.5	−4.6	32.8	351.9	2.4	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
35/506	R00Y_075_050dd	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.6	26.9	17.9	32.3	33.7	0.721	0.221	0.334	51.2	29.2	18.5	34.6	32.3	2.4	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
36/324	R00Y_050_050dd	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	31.6	26.9	17.9	32.3	33.7	0.391	0.007	0.053	32.2	26.5	17.4	31.7	33.2	0.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
37/342	R50Y_050_050dd	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	44.2	7.7	32.7	33.6	76.7	0.463	0.227	0.059	45.6	9.1	34.3	35.5	75.0	2.5	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
38/360	Y00G_050_050dd	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	53.8	−6.5	37.8	38.4	99.7	0.431	0.388	0.086	55.8	−6.5	39.3	39.8	99.4	2.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
39/198	Y50G_050_050dd	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	45.1	−17.1	29.1	33.8	120.4	0.253	0.424	0.051	46.8	−21.9	29.0	36.3	127.0	5.0	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
40/36	G00B_050_050dd	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	35.8	−29.1	14.6	32.5	153.3	0.0	0.375	0.0	39.1	−40.0	13.8	42.3	160.9	11.4	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
41/40	G50B_050_050dd	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	34.7	−14.8	−18.1	23.4	230.7	0.0	0.248	0.226	35.0	−16.8	−20.3	26.4	230.2	2.9	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
42/4	B00R_050_050dd	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	24.1	11.0	−19.5	22.4	299.6	0.052	0.0	0.25	26.2	8.9	−22.8	24.5	291.2	4.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
43/328	B50R_050_050dd	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.0	31.6	−4.9	32.0	351.1	0.369	0.015	0.312	30.9	33.6	−5.6	34.1	350.4	2.4	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
44/324	R00Y_050_050dd	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	31.6	26.9	17.9	32.3	33.7	0.391	0.007	0.053	32.2	26.5	17.4	31.7	33.2	0.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
45/0	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	14.9	0.0	0.0	0.0	0.0	1.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
46/91	NW_013dd	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	0.4	0.4	73.9	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
47/182	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	36.9	0.0	−0.3	0.3	269.9	0.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
48/273	NW_038dd	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	46.7	0.4	−0.1	0.4	340.9	0.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
49/364	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	58.0	0.2	0.2	0.4	44.7	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
50/455	NW_063dd	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	67.4	0.0	−0.5	0.5	267.6	1.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
51/546	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	76.2	0.0	0.0	0.1	314.8	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
52/637	NW_088dd	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	86.5	0.1	0.1	0.2	53.7	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
53/728	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	96.4	0.0	0.0	0.0	0.0	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta** **3.1**

1-1031830-F0

RE730-7N, Page 19/33-F

TUB registration: 20150701-RE73/RE73L0FP.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/RE73/RE73.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
colors and differences, Δ*E'**

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

1-1031830-F0

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	2.7	−4.8	5.6	299.6	0.0	0.0	0.045	24.7	4.9	−12.6	13.5	291.3	10.3	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	5.5	−9.7	11.2	299.6	0.0	0.0	0.086	23.7	4.7	−21.9	22.4	282.2	12.7	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	8.3	−14.6	16.8	299.6	0.0	0.0	0.125	28.2	10.1	−29.8	31.5	288.8	16.5	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	11.0	−19.5	22.4	299.6	0.052	0.0	0.25	29.8	18.0	−38.5	42.5	295.0	21.0	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	13.8	−24.4	28.0	299.6	0.047	0.0	0.327	27.8	25.8	−43.6	50.7	300.6	22.7	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	16.6	−29.2	33.6	299.6	0.051	0.0	0.405	28.9	25.4	−43.3	50.3	300.4	16.6	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	19.4	−34.1	39.2	299.6	0.065	0.018	0.491	30.3	26.6	−43.3	50.8	301.6	11.6	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	22.1	−39.0	44.9	299.6	0.065	0.05	0.749	31.8	24.6	−43.3	49.9	299.6	4.9	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	−7.2	3.6	8.1	153.3	0.0	0.062	0.0	31.0	−8.7	4.5	9.8	152.2	9.9	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	−3.7	−4.5	5.8	230.7	0.0	0.038	0.029	28.7	−9.2	−12.4	15.5	233.4	12.4	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	−2.9	−11.3	11.6	255.4	0.0	0.035	0.082	28.8	−5.8	−22.4	23.2	255.2	12.6	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	−16.7	16.7	268.8	0.0	0.022	0.137	31.6	−3.8	−30.3	30.6	262.7	15.5	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	2.5	−22.0	22.2	276.5	0.015	0.043	0.261	33.6	2.6	−39.5	39.6	273.7	19.0	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	5.5	−26.8	27.4	281.6	0.016	0.039	0.339	35.0	9.4	−44.9	45.8	281.8	19.6	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	8.4	−31.5	32.6	284.9	0.028	0.053	0.419	32.7	15.8	−46.0	48.7	289.0	16.4	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	10.8	−36.3	37.9	286.6	0.036	0.076	0.501	33.7	16.7	−45.4	48.4	290.2	10.9	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	13.6	−41.1	43.3	288.2	0.061	0.115	0.749	34.6	14.4	−45.8	48.0	287.4	4.7	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	−14.5	7.3	16.2	153.3	0.0	0.125	0.0	35.7	−22.3	5.5	22.9	166.0	12.5	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	−11.3	−1.0	11.3	185.1	0.0	0.095	0.0	32.1	−19.3	−6.7	20.4	199.1	11.4	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	−7.4	−9.0	11.7	230.7	0.0	0.125	0.125	35.4	−13.6	−20.5	24.7	236.3	16.4	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	−7.8	−16.5	18.3	244.4	0.014	0.147	0.197	36.6	−10.9	−29.0	31.0	249.2	14.7	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	−5.8	−22.6	23.3	255.4	0.024	0.156	0.28	37.5	−8.2	−36.1	37.0	257.0	15.1	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	−3.4	−27.9	28.1	263.0	0.03	0.149	0.366	37.6	−4.5	−43.4	43.7	263.9	16.4	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	−0.6	−33.5	33.5	268.8	0.017	0.141	0.441	37.7	−0.7	−47.5	47.6	269.1	14.6	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	2.3	−39.0	39.1	273.3	0.006	0.138	0.51	35.7	4.7	−49.3	49.5	275.4	10.6	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	5.0	−44.1	44.4	276.5	0.001	0.163	0.621	36.0	4.2	−49.4	49.6	274.9	5.3	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	−21.8	10.9	24.4	153.3	0.0	0.25	0.0	39.9	−35.9	13.8	38.4	158.9	16.9	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	−19.4	2.8	19.6	171.7	0.0	0.25	0.0	38.1	−32.5	−0.7	32.5	181.3	15.3	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	−14.6	−5.6	15.6	200.9	0.029	0.217	0.125	38.2	−25.0	−15.5	29.4	211.7	15.8	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	−11.1	−13.6	17.6	230.7	0.003	0.166	0.162	40.0	−19.7	−27.3	33.6	234.2	18.9	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	−12.4	−21.1	24.5	239.6	0.0	0.232	0.255	40.4	−15.0	−34.8	37.9	246.5	15.1	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	−11.0	−28.1	30.2	248.5	0.016	0.263	0.379	41.9	−12.3	−41.1	42.9	253.2	13.8	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	−8.7	−33.9	35.0	255.4	0.02	0.271	0.49	42.9	−9.5	−47.6	48.5	258.6	14.4	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	−6.3	−39.3	39.8	260.8	0.024	0.285	0.601	43.1	−8.0	−49.4	50.1	260.7	10.8	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	−4.4	−44.6	44.8	264.3	0.025	0.311	0.738	41.6	−5.5	−49.5	49.8	263.5	5.0	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	−29.1	14.6	32.5	153.3	0.0	0.375	0.0	43.4	−62.0	24.5	66.7	158.4	35.1	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	−27.1	6.4	27.8	166.6	0.0	0.25	0.0	43.6	−61.4	11.8	62.6	169.1	35.6	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	−22.6	−2.0	22.7	185.1	0.044	0.318	0.139	41.9	−44.2	−7.1	44.8	189.1	22.8	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	−18.4	−9.6	20.7	207.6	0.061	0.315	0.21	42.9	−34.8	−22.3	41.3	212.7	21.7	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	−14.8	−18.1	23.4	230.7	0.0	0.248	0.226	43.9	−23.5	−34.3	41.6	235.6	20.5	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	−16.4	−25.5	30.3	237.1	0.019	0.335	0.36	44.7	−21.3	−38.9	44.4	241.3	15.3	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	−15.7	−33.1	36.6	244.4	0.033	0.413	0.516	46.8	−19.7	−45.8	49.8	246.7	14.0	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	−13.9	−39.5	41.9	250.5	0.03	0.428	0.66	47.4	−16.3	−49.5	52.1	251.7	10.6	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	−11.7	−45.2	46.7	255.4	0.031	0.432	0.798	45.6	−13.0	−50.3	51.9	255.4	5.1	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	−36.4	18.2	40.7	153.3	0.037	0.39	0.0	48.1	−68.1	29.1	74.1	156.8	34.4	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	−34.8	10.0	36.2	163.8	0.052	0.405	0.079	48.0	−74.0	21.1	76.9	164.0	41.4	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	−31.1	2.1	31.1	176.0	0.077	0.431	0.167	48.7	−69.5	6.2	69.8	174.8	39.4	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	−25.5	−7.1	26.5	195.6	0.098	0.454	0.269	49.9	−55.3	−10.5	56.3	190.8	31.0	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	−22.2	−14.0	26.3	212.2	0.084	0.424	0.311	51.3	−45.8	−25.2	52.3	208.7	27.9	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	−18.5	−22.7	29.3	230.7	0.025	0.356	0.337	50.4	−32.6	−36.2	48.8	227.9	22.4	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	−20.4	−29.8	36.2	235.5	0.037	0.46	0.474	50.5	−30.3	−40.4	50.5	233.0	16.0	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	−20.5	−37.8	43.0	241.4	0.039	0.53	0.668	50.7	−25.3	−46.5	52.9	241.3	10.3	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	−18.5	−44.9	48.6	247.5	0.043	0.566	0.87	50.0	−20.1	−50.0	53.9	248.0	5.3	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	−43.6	21.9	48.8	153.3	0.105	0.541	0.059	51.2	−70.8	30.3	77.0	156.8	29.0	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	−42.4	13.7	44.5	162.0	0.086	0.529	0.119	50.0	−73.8	22.2	77.1	163.2	32.9	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	−38.9	5.6	39.3	171.7	0.089	0.543	0.198	50.0	−68.5	8.7	69.0	172.7	30.0	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	−33.9	−3.0	34.1	185.1	0.1	0.558	0.289	51.2	−59.6	−5.4	59.9	185.2	26.2	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	−29.3	−11.2	31.3	200.9	0.103	0.554	0.358	52.4	−50.8	−18.0	54.0	199.5	23.3	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	−26.0	−18.4	31.9	215.2	0.089	0.529	0.408	52.7	−43.9	−27.1	51.6	211.7	21.0	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	−22.2	−27.2	35.2	230.7	0.046	0.473	0.451	52.5	−36.6	−36.6	51.8	225.0	19.2	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	−24.3	−34.4	42.1	234.7	0.036	0.552	0.603	52.3	−32.9	−41.3	52.8	231.4	11.8	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	−24.8	−42.3	49.1	239.6	0.044	0.683	0.886	52.6	−27.0	−47.6	54.7	240.4	5.6	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	−50.9	25.5	57.0	153.3	0.103	0.659	0.07	53.0	−69.3	31.1	75.9	155.7	19.3	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	−49.8	17.0	52.6	161.1	0.085	0.648	0.148	52.2	−68.8	22.2	72.3	162.1	19.9	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	−46.6	9.3	47.5	168.6	0.091	0.653	0.227	52.6	−63.7	11.3	64.7	169.9	17.3	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	−42.5	1.0	42.5	178.6	0.095	0.659	0.307	53.9	−57.4	0.1	57.4	179.8	15.2	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	−36.9	−8.3	37.9	192.6	0.101	0.662	0.396	54.4	−50.3	−12.4	51.8	193.8	14.1	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	−32.9	−15.2	36.3	204.8	0.098	0.645	0.457	54.8	−45.3	−19.6	49.4	203.4	13.5	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	−29.9	−22.4	37.4	216.8	0.084	0.611	0.504	53.5	−41.7	−28.4	50.5	214.3	13.4	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	−25.9	−31.8	41.0	230.7	0.044	0.559	0.571	52.4	−35.3	−38.9	52.5	227.7	12.4	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	−28.1	−38.8	47.9	234.0	0.037	0.681	0.797	52.5	−31.1	−43.3	53.4	234.3	5.4	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	−58.2	29.2	65.1	153.3	0.091	0.807	0.074	55.2	−64.7	32.4	72.4	153.3	7.2	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	−57.2	20.6	60.8	160.1	0.075	0.804	0.162	54.5	−63.4	22.2	67.2	160.6	6.4	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	−54.2	12.8	55.7	166.6	0.08	0.806	0.251	54.9	−59.7	13.1	61.1	167.5	5.4	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	−50.3	4.5	50.5	174.8	0.083	0.798	0.334	55.5	−55.6	4.5	55.8	175.3	5.2	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	−45.2	−4.0	45.4	185.1	0.091	0.797	0.425	56.5	−50.3	−4.5	50.5	185.1	5.0	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	−40.3	−12.3	42.2	197.0	0.091	0.783	0.504	57.0	−45.0	−13.2	46.9	196.4	4.7	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	−36.8	−19.2	41.5	207.6	0.088	0.768	0.581	56.9	−41.2	−20.2	45.9	206.0	4.5	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	−33.7	−26.8	43.1	218.4	0.076	0.749	0.651	55.8	−37.7	−29.0	47.6	217.5	4.5	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	−29.6	−36.3	46.9	230.7	0.052	0.749	0.749	53.0	−32.9	−40.4	52.1	230.7	5.2	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: delta **15.6**

1−1031930−F0

RE730−7N, Page 20/33−F

TUB-test chart RE73; 1080 standard colours, cf=0,9
colors and differences, $\Delta E'^*$

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

TUB registration: 20150701-RE73/RE73L0FP.PDF /.PS
application for measurement of laser printer output, separation cmyn6* (CMYK)

TUB material: code=rha4ta

1−1031930−F0

TUB registration: 20150701-RE73/RE73L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6* (CMYK)

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 21/33

n	HIC^*_{Fdd}	$rgb_{\_Fdd}$			$ict_{\_Fdd}$			$h_{si\_F,dd}$	rgb^*_{Fdd}			$LabCh^*_{Fdd}$				
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	6.7	4.4	8.0	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	7.9	−1.2	8.0	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	11.2	−6.5	13.0	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	14.3	−11.4	18.4	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	17.1	−16.5	23.8	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	19.7	−21.7	29.3	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	22.3	−26.8	34.9	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	25.2	−31.8	40.5	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	27.9	−36.7	46.2	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	−1.6	9.4	9.6	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
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	2.7	−4.8	5.6	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	5.5	−9.7	11.2	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	8.3	−14.6	16.8	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	11.0	−19.5	22.4	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	13.8	−24.4	28.0	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	16.6	−29.2	33.6	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	19.4	−34.1	39.2	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	−8.5	14.5	16.9	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	−7.2	3.6	8.1	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	−3.7	−4.5	5.8	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	−2.9	−11.3	11.6	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	−16.7	16.7	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	2.5	−22.0	22.2	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	5.5	−26.8	27.4	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	8.4	−31.5	32.6	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	10.8	−36.3	37.9	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	−16.5	17.3	23.9	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	−14.5	7.3	16.2	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	−11.3	−1.0	11.3	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	−7.4	−9.0	11.7	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	−7.8	−16.5	18.3	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	−5.8	−22.6	23.3	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	−3.4	−27.9	28.1	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	−0.6	−33.5	33.5	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	2.3	−39.0	39.1	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	−24.5	19.6	31.4	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	−21.8	10.9	24.4	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	−19.4	2.8	19.6	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	−14.6	−5.6	15.6	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	−11.1	−13.6	17.6	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	−12.4	−21.1	24.5	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	−11.0	−28.1	30.2	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	−8.7	−33.9	35.0	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	−6.3	−39.3	39.8	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	−32.1	22.8	39.3	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	−29.1	14.6	32.5	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	−27.1	6.4	27.8	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	−22.6	−2.0	22.7	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	−18.4	−9.6	20.7	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	−14.8	−18.1	23.4	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	−16.4	−25.5	30.3	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	−15.7	−33.1	36.6	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	−13.9	−39.5	41.9	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	−39.6	25.9	47.3	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	−36.4	18.2	40.7	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	−34.8	10.0	36.2	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	−31.1	2.1	31.1	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	−25.5	−7.1	26.5	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	−22.2	−14.0	26.3	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	−18.5	−22.7	29.3	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	−20.4	−29.8	36.2	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	−20.5	−37.8	43.0	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	−46.8	29.4	55.3	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	−43.6	21.9	48.8	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	−42.4	13.7	44.5	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	−38.9	5.6	39.3	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	−33.9	−3.0	34.1	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	−29.3	−11.2	31.3	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	−26.0	−18.4	31.9	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	−22.2	−27.2	35.2	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	−24.3	−34.4	42.1	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	−54.1	32.9	63.3	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	−50.9	25.5	57.0	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	−49.8	17.0	52.6	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	−46.6	9.3	47.5	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	−42.5	1.0	42.5	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	−36.9	−8.3	37.9	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	−32.9	−15.2	36.3	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	−29.9	−22.4	37.4	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	−25.9	−31.8	41.0	230.7

n	rgb'^*_{Fdd}			$LabCh'^*_{Fdd}$					DE'^*_{Fdd}	$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
81	0.096	0.0	0.0	24.0	5.9	7.2	9.4	50.8	4.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
82	0.069	0.0	0.039	26.0	11.4	−4.6	12.3	338.0	7.5	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
83	0.125	0.0	0.125	26.4	14.7	−16.0	21.8	312.4	11.4	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
84	0.125	0.0	0.25	27.8	17.4	−23.7	29.4	306.3	13.7	288	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
85	0.125	0.0	0.25	28.6	26.8	−31.8	41.6	310.1	18.7	282	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1
86	0.125	0.0	0.375	28.6	31.6	−35.0	47.2	312.0	18.1	279	0.183	0.0	1.0	31.2	35.1	−38.6	52.2	312.2
87	0.125	0.0	0.42	29.3	34.3	−37.9	51.1	312.1	16.4	278	0.15	0.0	1.0	31.2	33.0	−39.8	51.7	309.7
88	0.123	0.013	0.51	29.7	34.0	−39.9	52.4	310.4	11.9	277	0.133	0.0	1.0	31.2	32.0	−40.3	51.5	308.4
89	0.116	0.032	0.682	31.2	31.5	−40.6	51.4	307.7	5.2	276	0.116	0.0	1.0	31.3	31.0	−40.8	51.3	307.2
90	0.125	0.127	0.051	30.2	−4.3	14.4	15.0	106.8	7.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
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	0.167	0.141	0.189	28.9	2.8	−15.8	16.0	280.2	10.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
93	0.179	0.138	0.235	31.2	5.1	−24.1	24.6	281.9	14.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
94	0.194	0.137	0.308	35.4	9.4	−28.1	29.7	288.4	13.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
95	0.207	0.135	0.398	37.8	14.4	−33.6	36.6	293.2	14.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
96	0.199	0.133	0.495	39.1	16.2	−38.1	41.4	293.0	14.2	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
97	0.189	0.129	0.594	36.0	21.3	−42.3	47.4	296.6	14.0	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
98	0.195	0.138	0.725	35.1	23.1	−41.8	47.8	298.9	9.7	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
99	0.125	0.125	0.0	36.6	−11.9	18.7	22.2	122.6	7.9	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
100	0.122	0.202	0.113	36.9	−11.2	4.4	12.0	158.2	6.9	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
101	0.142	0.19	0.183	34.4	−9.6	−14.9	17.7	237.1	12.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
102	0.168	0.219	0.257	37.8	−5.5	−22.5	23.2	256.1	12.2	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
103	0.167	0.21	0.324	40.4	−2.7	−27.9	28.0	264.3	12.6	251	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
104	0.163	0.196	0.403	43.4	0.9	−31.2	31.2	271.7	11.8	257	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5
105	0.153	0.187	0.504	44.4	3.1	−36.3	36.4	274.9	11.6	260	0.0	0.183	1.0	35.2	9.8	−47.7	48.7	281.6
106	0.136	0.183	0.61	39.7	10.9	−43.7	45.0	284.0	12.4	262	0.0	0.15	1.0	34.8	12.4	−46.7	48.3	284.9
107	0.151	0.199	0.755	38.2	14.5	−43.2	45.6	288.5	8.8	262	0.0	0.133	1.0	34.7	13.7	−46.1	48.1	286.6
108	0.125	0.25	0.0	40.9	−28.5	23.4	36.8	140.5	14.6	131	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
109	0.09	0.255	0.072	39.5	−22.7	6.3	23.6	164.3	8.9	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
110	0.132	0.263	0.167	37.5	−18.0	−7.4	19.5	202.4	9.3	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
111	0.172	0.27	0.253	42.7	−13.3	−21.4	25.2	238.1	15.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
112	0.167	0.309	0.343	43.7	−10.2	−26.4	28.3	248.8	11.0	228	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
113	0.157	0.305	0.428	45.8	−7.7	−30.3	31.3	255.6	9.2	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
114	0.136	0.288	0.535	47.2	−5.4	−34.0	34.5	260.8	8.1	247	0.0	0.383	1.0	41.9	−6.0	−49.6	49.9	263.0
115	0.11	0.272	0.65	45.3	−2.8	−44.7	44.8	266.3	11.5	251	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
116	0.132	0.306	0.805	40.4	2.5	−46.9	47.0	273.0	8.8	255	0.0	0.266	1.0	36.7	2.9	−49.5	49.6	273.3
117	0.089	0.325	0.0	43.7	−42.4	28.6	51.2	145.9	20.6	137	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
118	0.151	0.384	0.112	44.1	−29.9	11.1	31.9	159.5	8.7	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
119	0.159	0.399	0.194	44.2	−26.8	−1.5	26.9	183.3	9.2	168	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
120	0.186	0.388	0.282	45.0	−20.8	−15.3	25.8	216.4	12.0	191	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
121	0.164	0.341	0.321	47.1	−16.3	−26.5	31.1	238.4	15.6	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
122	0.157	0.407	0.432	49.2	−13.5	−30.9	33.7	246.3	10.8	222	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6
123	0.143	0.44	0.573	50.5	−11.4	−33.9	35.8	251.3	6.6	232	0.0	0.616	1.0	49.7	−19.6	−50.1	53.8	248.5
124	0.12	0.433	0.728	50.7	−10.8	−40.8	42.2	255.1	7.6	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
125	0.161	0.452	0.847	46.1	−8.6	−47.6	48.4	259.7	9.3	245	0.0	0.416	1.0	43.0	−8.0	−49.9	50.5	260.8
126	0.149	0.467	0.045	49.0	−53.8	33.4	63.3	148.1	24.7	140	0.183	1.0	0.0	60.0	−57.0	40.5	70.0	144.6
127	0.153	0.511	0.121	49.2	−38.1	17.4	41.9	155.5	10.0	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
128	0.154	0.511	0.199	49.3	−36.0	5.8	36.5	170.8	9.6	162	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6
129	0.181	0.509	0.293	50.0	−30.6	−8.3	31.7	195.2	10.7	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
130	0.19	0.493	0.358	51.5	−24.3	−19.7	31.3	219.0	12.7	197	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6
131	0.157	0.432	0.398	52.7	−21.6	−28.6	35.9	233.0	14.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
132	0.145	0.523	0.529	53.5	−17.6	−33.2	37.6	242.0	9.0	219	0.0	0.816	1.0	52.6	−29.2	−45.4	54.0	237.1
133	0.128	0.584	0.739	53.2	−15.5	−38.6	41.6	248.1	5.6	228	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
134	0.176	0.639	0.924	51.2	−14.6	−46.5	48.7	252.5	7.6	234	0.0	0.583	1.0	48.5	−17.7	−50.2	53.3	250.5
135	0.156	0.581	0.06	54.0	−58.1	36.9	68.9	147.5	22.3	142	0.15	1.0	0.0	58.9	−58.7	38.4	70.1	146.7
136	0.153	0.63	0.138	55.2	−43.6	22.2	49.0	152.9	9.4	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
137	0.153	0.626	0.223	55.0	−42.3	11.7	43.9	164.5	9.0	159	0.0	1.0	0.183	54.7	−61.8	17.8	64.4	163.8
138	0.165	0.62	0.302	56.2	−40.4	0.2	40.4	179.6	10.9	172	0.0	1.0	0.383	55.5	−55.3	3.8	55.4	176.0
139	0.181	0.609	0.394	57.7	−34.1	−12.3	36.3	199.9	11.6	187	0.0	1.0	0.616	57.0	−45.4	−12.7	47.1	195.6
140	0.176	0.587	0.449	57.9	−30.1	−22.3	37.5	216.6	13.1	200	0.0	1.0	0.816	56.3	−39.6	−24.9	46.8	212.2
141	0.146	0.542	0.497	57.5	−25.3	−30.9	39.9	230.6	13.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
142	0.13	0.633	0.671	56.9	−21.3	−36.8	42.5	239.9	7.8	217	0.0	0.85	1.0	52.5	−30.3	−44.2	53.6	235.5
143	0.151	0.759	0.918	55.9	−20.2	−43.0	47.5	244.7	5.5	224	0.0	0.733	1.0	52.3	−26.1	−48.0	54.6	241.4
144	0.148	0.7	0.063	58.4	−60.0	39.3	71.8	146.7	17.3	142	0.133	1.0	0.0	58.4	−59.4	37.3	70.2	147.8
145	0.132	0.754	0.138	59.3	−56.3	28.7	63.2	152.9	14.8	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
146	0.126	0.747	0.227	59.2	−53.5	17.9	56.4	161.4	12.6	157	0.0	1.0	0.15	54.6	−62.8	20.3	66.0	162.0
147	0.144	0.732	0.318	59.5	−49.3	5.3	49.6	173.7	11.1	168	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
148	0.161	0.72	0.413	60.7	−42.8	−6.0	43.3	187.9	10.2	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
149	0.164	0.706	0.49	60.9	−38.4	−14.4	41.0	200.6	10.4	191	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
150	0.158	0.687	0.557	60.8	−33.5	−23.4	40.9	214.9	10.1	202	0.0	1.0	0.85	56.0	−38.5	−27.3	47.2	215.2
151	0.137	0.642	0.625	59.5	−29.4	−32.9	44.2	228.2	10.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
152	0.128	0.787	0.854	58.3	−25.8	−40.3	47.8	237.3	6.1	217	0.0	0.866	1.0	52.5	−30.8	−43.6	53.5	234.7
153	0.14	0.83	0.068	58.1	−59.8	36.8	70.3	148.3	6.9	143	0.116	1.0	0.0	57.9	−60.2	36.5	70.4	148.7
154	0.166	0.856	0.176	56.9	−60.4	29.4	67.2	153.9	10.8	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
155	0.151	0.855	0.263	56.7	−57.8	19.3	60.9	161.5	8.8	157	0.0	1.0	0.133	54.6	−63.2	21.6	66.8	161.1
156	0.154	0.85	0.341	58.1	−53.1	9.6	54.0	169.7	6.8	164	0.0	1.0	0.266	55.0	−59.2	11.9	60.4	168.6
157	0.157	0.846	0.429	59.0	−47.2	−1.5	47.3	181.8	5.6	174	0.0	1.0	0.416	55.8	−54.0	1.2	54.0	178.6
158	0.164	0.84	0.535	59.5	−41.3	−12.1	43.0	196.4	6.2	185	0.0	1.0	0.583	56.9	−46.9	−10.5	48.1	192.6
159	0.167	0.831	0.623	59.8	−37.5	−18.5	41.9	206.3	6.0	195	0.0	1.0	0.733	56.9	−41.8	−19.3	46.1	204.8
160	0.158	0.826	0.711	59.9	−33.1	−26.0	42.1	218.1	4.9	202	0.0	1.0	0.866	55.9	−38.0	−28.4	47.5	216.8
161	0.129	0.793	0.813	56.0	−30.7	−37.5	48.5	230.7	7.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: **delta** **10.9**

1−1032030−F0

RE730−7N, Page 21/33−F

TUB-test chart RE73; 1080 standard colours, cf=0,9
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/RE73/RE73.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−1032030−F0

TUB registration: 20150701-RE73/RE73L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6* (CMYK)

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	13.4	8.9	16.1	33.7	0.194	0.0	0.0	27.6	12.4	13.9	18.6	48.2	6.2	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	14.0	2.7	14.2	11.0	0.25	0.0	0.125	26.6	15.4	3.1	15.7	11.5	3.2	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	15.8	−2.4	16.0	351.1	0.25	0.0	0.148	27.9	23.4	−8.3	24.9	340.4	10.3	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	19.4	−7.4	20.8	339.0	0.25	0.0	0.206	29.1	27.1	−16.1	31.5	329.2	12.2	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	22.5	−13.0	26.0	329.9	0.185	0.0	0.257	29.7	31.5	−22.8	38.9	324.1	13.7	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	25.8	−17.9	31.4	325.2	0.25	0.0	0.375	30.1	35.9	−27.9	45.5	322.1	14.5	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	28.7	−22.9	36.8	321.3	0.206	0.0	0.447	30.6	38.8	−31.1	49.7	321.2	13.1	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	31.4	−27.9	42.1	318.3	0.205	0.003	0.554	31.0	39.9	−34.5	52.8	319.0	10.8	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	34.3	−33.0	47.6	316.1	0.203	0.016	0.715	31.2	39.0	−35.9	53.1	317.3	5.6	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	3.8	16.3	16.8	76.7	0.239	0.102	0.021	31.6	1.6	20.1	20.2	85.3	4.5	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	6.7	4.4	8.0	33.7	0.239	0.133	0.152	29.9	6.6	8.1	10.5	50.7	3.6	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	7.9	−1.2	8.0	351.1	0.225	0.13	0.19	32.1	13.5	−6.9	15.2	332.9	8.2	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	11.2	−6.5	13.0	329.9	0.23	0.122	0.235	34.3	14.4	−15.5	21.2	312.9	10.0	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	14.3	−11.4	18.4	321.3	0.241	0.111	0.305	36.0	18.5	−22.2	28.9	309.8	12.1	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	17.1	−16.5	23.8	316.1	0.252	0.106	0.394	38.9	21.5	−27.8	35.1	307.6	13.1	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	19.7	−21.7	29.3	312.2	0.256	0.115	0.497	39.5	25.2	−32.9	41.5	307.4	13.0	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	22.3	−26.8	34.9	309.7	0.249	0.112	0.6	35.9	31.9	−37.3	49.1	310.5	14.2	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	25.2	−31.8	40.5	308.4	0.257	0.123	0.728	35.5	30.6	−38.1	48.9	308.7	9.2	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	−3.2	18.9	19.2	99.7	0.237	0.209	0.061	38.0	−7.2	29.9	30.8	103.5	12.0	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	−1.6	9.4	9.6	99.7	0.251	0.233	0.163	37.1	−4.8	15.4	16.1	107.3	6.9	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	2.7	−4.8	5.6	299.6	0.28	0.255	0.299	37.8	3.6	−16.3	16.7	282.4	11.4	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	5.5	−9.7	11.2	299.6	0.298	0.254	0.351	41.5	6.0	−22.2	23.0	285.1	12.5	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	8.3	−14.6	16.8	299.6	0.31	0.253	0.424	45.6	8.5	−25.4	26.8	288.6	11.3	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	11.0	−19.5	22.4	299.6	0.316	0.249	0.52	46.2	13.1	−30.7	33.4	293.2	11.5	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	13.8	−24.4	28.0	299.6	0.31	0.243	0.639	40.8	20.2	−39.1	44.0	297.4	16.8	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	16.6	−29.2	33.6	299.6	0.343	0.275	0.773	38.9	22.0	−39.6	45.3	299.0	14.7	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	−9.0	27.5	29.0	108.1	0.275	0.316	0.053	42.0	−13.5	33.2	35.8	112.1	7.2	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	−8.5	14.5	16.9	120.4	0.251	0.315	0.146	44.6	−13.2	18.9	23.1	125.0	7.4	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	−7.2	3.6	8.1	153.3	0.259	0.334	0.241	43.2	−11.1	3.3	11.6	163.3	4.4	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	−3.7	−4.5	5.8	230.7	0.265	0.315	0.303	44.0	−8.9	−14.2	16.8	237.9	11.4	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	−2.9	−11.3	11.6	255.4	0.284	0.338	0.373	46.5	−4.8	−21.2	21.7	257.2	10.4	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	−16.7	16.7	268.8	0.283	0.333	0.453	49.2	−1.9	−25.5	25.6	265.6	9.9	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	2.5	−22.0	22.2	276.5	0.273	0.319	0.547	50.5	0.0	−29.9	29.9	270.1	9.4	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	5.5	−26.8	27.4	281.6	0.267	0.315	0.674	48.6	5.5	−39.6	39.9	277.9	12.7	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	8.4	−31.5	32.6	284.9	0.313	0.356	0.799	44.9	9.9	−40.7	41.9	283.7	10.7	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	−17.1	29.1	33.8	120.4	0.253	0.424	0.051	47.0	−24.5	37.8	45.1	122.9	11.5	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	−16.5	17.3	23.9	133.4	0.232	0.405	0.129	49.7	−21.9	22.1	31.1	134.7	8.6	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	−14.5	7.3	16.2	153.3	0.261	0.427	0.238	47.9	−20.3	7.1	21.5	160.6	6.0	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	−11.3	−1.0	11.3	185.1	0.274	0.415	0.309	48.6	−15.6	−7.2	17.2	204.8	7.9	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	−7.4	−9.0	11.7	230.7	0.281	0.381	0.363	51.5	−12.9	−19.9	23.7	237.1	13.6	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	−7.8	−16.5	18.3	244.4	0.279	0.436	0.474	52.1	−8.6	−25.4	26.9	251.3	9.3	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	−5.8	−22.6	23.3	255.4	0.274	0.446	0.581	53.7	−6.8	−28.9	29.8	256.6	6.9	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	−3.4	−27.9	28.1	263.0	0.267	0.445	0.719	53.8	−5.6	−37.1	37.5	261.3	9.5	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	−0.6	−33.5	33.5	268.8	0.288	0.46	0.829	47.1	0.7	−42.7	42.8	271.0	11.2	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	−24.5	32.4	40.7	127.0	0.261	0.526	0.055	51.6	−35.6	41.0	54.3	130.9	14.1	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	−24.5	19.6	31.4	141.3	0.223	0.515	0.13	54.4	−29.8	25.4	39.2	139.5	9.5	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	−21.8	10.9	24.4	153.3	0.268	0.54	0.244	53.3	−27.9	12.4	30.5	156.0	6.7	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	−19.4	2.8	19.6	171.7	0.265	0.537	0.314	54.9	−23.1	0.0	23.1	180.1	6.1	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	−14.6	−5.6	15.6	200.9	0.283	0.515	0.394	55.8	−20.1	−13.0	23.9	213.0	10.1	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	−11.1	−13.6	17.6	230.7	0.273	0.47	0.447	56.1	−15.5	−23.3	28.0	236.3	12.2	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	−12.4	−21.1	24.5	239.6	0.268	0.555	0.585	57.1	−12.4	−28.9	31.4	246.6	8.1	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	−11.0	−28.1	30.2	248.5	0.269	0.601	0.746	57.1	−10.5	−34.3	35.9	252.8	6.1	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	−8.7	−33.9	35.0	255.4	0.298	0.617	0.899	55.1	−10.3	−41.2	42.5	255.8	8.0	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	−33.0	34.7	47.9	133.4	0.257	0.633	0.057	58.9	−42.3	46.5	62.9	132.3	15.9	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	−32.1	22.8	39.3	144.6	0.223	0.636	0.139	57.9	−36.8	29.6	47.3	141.1	9.3	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	−29.1	14.6	32.5	153.3	0.262	0.661	0.255	58.9	−34.0	18.3	38.6	151.6	6.9	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	−27.1	6.4	27.8	166.6	0.247	0.657	0.328	60.5	−31.1	8.2	32.2	165.2	6.6	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	−22.6	−2.0	22.7	185.1	0.263	0.636	0.411	62.0	−26.5	−3.7	26.8	188.1	7.0	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	−18.4	−9.6	20.7	207.6	0.281	0.606	0.48	62.2	−21.9	−15.0	26.6	214.3	8.6	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	−14.8	−18.1	23.4	230.7	0.264	0.569	0.545	61.9	−19.0	−25.6	31.9	233.3	11.2	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	−16.4	−25.5	30.3	237.1	0.245	0.679	0.714	61.5	−16.5	−31.9	35.9	242.6	6.8	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	−15.7	−33.1	36.6	244.4	0.277	0.747	0.909	60.9	−16.4	−39.4	42.7	247.3	6.5	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	−41.3	36.4	55.1	138.5	0.227	0.739	0.06	63.5	−50.0	47.7	69.1	136.3	15.5	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	−39.6	25.9	47.3	146.7	0.22	0.767	0.156	64.6	−48.7	35.2	60.1	144.1	14.4	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	−36.4	18.2	40.7	153.3	0.251	0.78	0.267	64.8	−45.6	23.5	51.3	152.7	11.3	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	−34.8	10.0	36.2	163.8	0.23	0.768	0.346	66.5	−40.4	11.9	42.2	163.5	8.6	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	−31.1	2.1	31.1	176.0	0.232	0.757	0.429	66.9	−35.7	−0.4	35.7	180.7	8.0	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	−25.5	−7.1	26.5	195.6	0.245	0.746	0.532	67.4	−30.7	−9.6	32.2	197.3	8.0	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	−22.2	−14.0	26.3	212.2	0.247	0.733	0.599	65.8	−26.0	−19.6	32.6	217.0	8.0	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	−18.5	−22.7	29.3	230.7	0.238	0.693	0.674	66.2	−22.2	−29.6	37.0	233.0	10.4	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	−20.4	−29.8	36.2	235.5	0.24	0.814	0.856	64.7	−18.6	−35.8	40.4	242.4	6.3	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	−49.0	39.2	62.8	141.3	0.224	0.844	0.061	62.2	−53.6	44.5	69.7	140.2	7.0	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	−46.8	29.4	55.3	147.8	0.235	0.856	0.17	64.1	−49.0	34.6	60.0	144.7	5.6	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	−43.6	21.9	48.8	153.3	0.261	0.871	0.273	62.6	−49.8	26.2	56.3	152.2	8.0	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	−42.4	13.7	44.5	162.0	0.235	0.869	0.346	62.7	−47.1	15.1	49.4	162.1	5.4	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	−38.9	5.6	39.3	171.7	0.234	0.866	0.429	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	−33.9	−3.0	34.1	185.1	0.248	0.863	0.53	64.1	−35.6	−9.9	36.9	195.6	7.4	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	−29.3	−11.2	31.3	200.9	0.253	0.861	0.637	65.2	−31.2	−15.8	35.0	206.8	5.2	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	−26.0	−18.4	31.9	215.2	0.258	0.866	0.733	65.0	−27.2	−23.8	36.1	221.1	5.6	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	−22.2	−27.2	35.2	230.7	0.237	0.827	0.821	61.1	−25.3	−35.2	43.4	234.2	8.9	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: delta 9.3

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RE730−7N, Page 22/33−F

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
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/RE73/RE73.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−1032130−F0

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd				
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	20.1	13.4	24.2	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	20.2	7.9	21.7	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	22.4	0.3	22.4	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	23.7	−3.6	24.0	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	27.3	−8.4	28.6	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	30.9	−14.0	34.0	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	33.7	−19.5	39.0	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	37.1	−24.5	44.4	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	40.6	−29.1	50.0	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	11.1	22.0	24.7	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	13.4	8.9	16.1	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	14.0	2.7	14.2	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	15.8	−2.4	16.0	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	19.4	−7.4	20.8	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	22.5	−13.0	26.0	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	25.8	−17.9	31.4	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	28.7	−22.9	36.8	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	31.4	−27.9	42.1	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	1.7	26.4	26.4	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	3.8	16.3	16.8	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	6.7	4.4	8.0	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	7.9	−1.2	8.0	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	11.2	−6.5	13.0	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	14.3	−11.4	18.4	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	17.1	−16.5	23.8	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	19.7	−21.7	29.3	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	22.3	−26.8	34.9	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	−4.8	28.4	28.8	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	−3.2	18.9	19.2	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	−1.6	9.4	9.6	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
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	2.7	−4.8	5.6	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	5.5	−9.7	11.2	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	8.3	−14.6	16.8	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	11.0	−19.5	22.4	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	13.8	−24.4	28.0	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	−9.6	40.0	41.2	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	−9.0	27.5	29.0	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	−8.5	14.5	16.9	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	−7.2	3.6	8.1	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	−3.7	−4.5	5.8	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	−2.9	−11.3	11.6	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	−16.7	16.7	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	2.5	−22.0	22.2	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	5.5	−26.8	27.4	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	−17.2	42.1	45.5	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	−17.1	29.1	33.8	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	−16.5	17.3	23.9	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	−14.5	7.3	16.2	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	−11.3	−1.0	11.3	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	−7.4	−9.0	11.7	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	−7.8	−16.5	18.3	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	−5.8	−22.6	23.3	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	−3.4	−27.9	28.1	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	−25.7	43.7	50.7	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	−24.5	32.4	40.7	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	−24.5	19.6	31.4	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	−21.8	10.9	24.4	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	−19.4	2.8	19.6	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	−14.6	−5.6	15.6	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	−11.1	−13.6	17.6	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	−12.4	−21.1	24.5	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	−11.0	−28.1	30.2	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	−33.2	47.1	57.6	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	−33.0	34.7	47.9	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	−32.1	22.8	39.3	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	−29.1	14.6	32.5	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	−27.1	6.4	27.8	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	−22.6	−2.0	22.7	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	−18.4	−9.6	20.7	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	−14.8	−18.1	23.4	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	−16.4	−25.5	30.3	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	−40.2	50.7	64.8	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	−41.3	36.4	55.1	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	−39.6	25.9	47.3	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	−36.4	18.2	40.7	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	−34.8	10.0	36.2	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	−31.1	2.1	31.1	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	−25.5	−7.1	26.5	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	−22.2	−14.0	26.3	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	−18.5	−22.7	29.3	230.7

n	rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
243	0.296	0.0	0.026	30.3	27.2	22.2	35.2	39.2	11.5	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
244	0.301	0.0	0.125	32.0	25.7	9.6	27.5	20.4	7.3	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
245	0.284	0.0	0.167	31.0	30.7	−0.5	30.7	358.9	9.0	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
246	0.278	0.0	0.216	31.9	36.7	−9.1	37.8	345.9	14.5	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
247	0.291	0.0	0.291	31.7	39.1	−15.6	42.1	338.1	14.0	317	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8
248	0.297	0.0	0.385	32.2	42.3	−21.3	47.4	333.2	13.6	307	0.616	0.0	1.0	38.5	55.0	−24.9	60.4	335.6
249	0.303	0.008	0.498	32.4	45.0	−26.9	52.5	329.1	13.5	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
250	0.308	0.014	0.615	33.3	45.9	−30.6	55.2	326.2	10.8	294	0.416	0.0	1.0	34.2	47.1	−31.1	56.4	326.5
251	0.329	0.021	0.764	33.4	45.6	−32.1	55.7	324.8	5.7	291	0.366	0.0	1.0	33.3	45.2	−32.4	55.6	324.3
252	0.336	0.097	0.028	37.2	9.7	29.1	30.7	71.4	7.8	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
253	0.328	0.107	0.158	37.6	12.2	16.9	20.9	54.0	8.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
254	0.311	0.12	0.207	36.0	18.0	2.8	18.3	9.0	4.6	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
255	0.312	0.126	0.255	38.4	25.0	−9.1	26.6	339.8	12.1	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
256	0.322	0.116	0.322	39.4	26.4	−15.5	30.6	329.5	11.4	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
257	0.323	0.109	0.398	39.7	30.2	−21.3	37.0	324.7	11.9	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
258	0.333	0.105	0.503	41.6	31.4	−27.1	41.5	319.1	11.6	292	0.383	0.0	1.0	33.6	45.9	−31.9	55.9	325.2
259	0.336	0.109	0.613	37.8	39.8	−33.8	52.2	319.6	15.5	288	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
260	0.342	0.107	0.734	37.6	37.9	−34.7	51.4	317.5	9.5	284	0.266	0.0	1.0	31.5	39.9	−35.5	53.4	318.3
261	0.339	0.209	0.054	42.7	−0.4	38.3	38.3	90.6	12.4	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
262	0.34	0.208	0.142	45.4	0.8	22.4	22.4	87.9	8.4	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
263	0.34	0.229	0.246	43.6	6.9	7.0	9.8	45.4	4.2	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
264	0.332	0.23	0.292	44.8	11.9	−7.0	13.8	329.3	8.4	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
265	0.342	0.223	0.345	45.7	14.8	−15.6	21.5	313.5	10.7	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
266	0.352	0.218	0.412	47.0	17.3	−21.6	27.7	308.6	11.5	288	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
267	0.364	0.218	0.507	48.2	18.8	−26.9	32.9	305.0	11.5	282	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1
268	0.375	0.226	0.625	44.4	27.0	−34.8	44.0	307.8	15.0	279	0.183	0.0	1.0	31.2	35.1	−38.6	52.2	312.2
269	0.398	0.238	0.763	42.4	27.3	−36.1	45.3	307.0	11.6	278	0.15	0.0	1.0	31.2	33.0	−39.8	51.7	309.7
270	0.33	0.293	0.073	51.8	−10.2	44.8	45.9	102.9	18.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
271	0.333	0.295	0.154	54.0	−8.6	31.8	32.9	105.1	16.5	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
272	0.343	0.316	0.24	51.5	−5.6	13.8	14.9	112.1	8.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
273	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	0.371	0.348	0.395	50.4	2.7	−14.3	14.6	280.9	9.7	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
275	0.403	0.355	0.468	51.6	5.4	−20.3	21.1	284.8	10.7	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
276	0.427	0.368	0.56	53.0	7.9	−25.5	26.7	287.3	10.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
277	0.445	0.38	0.685	51.7	14.5	−34.3	37.3	293.0	15.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
278	0.474	0.407	0.799	48.4	16.5	−36.0	39.7	294.6	14.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
279	0.39	0.4	0.055	51.3	−14.3	49.0	51.0	106.2	10.2	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
280	0.354	0.375	0.139	57.7	−15.0	33.8	37.0	114.0	10.3	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
281	0.347	0.396	0.232	56.7	−13.1	17.2	21.6	127.2	7.9	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
282	0.349	0.427	0.33	56.1	−10.1	3.5	10.7	160.9	5.6	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
283	0.357	0.417	0.406	56.7	−7.4	−11.0	13.3	236.1	9.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
284	0.375	0.443	0.489	55.8	−4.2	−19.8	20.2	257.9	8.8	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
285	0.393	0.454	0.588	56.4	−2.1	−24.9	25.0	265.0	8.5	251	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
286	0.406	0.458	0.712	58.1	1.7	−33.0	33.0	273.0	11.1	257	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5
287	0.428	0.476	0.815	53.2	6.8	−36.1	36.7	280.8	10.5	260	0.0	0.183	1.0	35.2	9.8	−47.7	48.7	281.6
288	0.383	0.546	0.068	55.3	−23.5	50.1	55.4	115.1	10.2	112	0.616	1.0	0.0	80.7	−30.6	74.9	80.9	112.2
289	0.336	0.501	0.132	61.7	−21.7	37.1	43.0	120.3	11.3	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
290	0.34	0.517	0.231	61.4	−21.3	22.1	30.7	133.9	9.4	131	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
291	0.35	0.532	0.333	61.8	−19.4	8.0	21.0	157.4	7.6	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
292	0.362	0.52	0.412	62.1	−14.8	−4.0	15.3	195.3	7.4	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
293	0.366	0.489	0.475	63.4	−12.8	−15.6	20.2	230.4	11.6	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
294	0.383	0.554	0.61	62.2	−9.9	−24.4	26.3	247.8	8.5	228	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
295	0.399	0.576	0.738	62.4	−7.6	−29.2	30.1	255.3	6.9	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
296	0.409	0.586	0.854	58.1	−4.4	−37.0	37.3	263.1	10.1	247	0.0	0.383	1.0	41.9	−6.0	−49.6	49.9	263.0
297	0.364	0.654	0.062	63.5	−31.8	55.8	64.3	119.6	14.1	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
298	0.337	0.629	0.136	66.7	−30.6	40.3	50.6	127.1	12.2	127	0.383	1.0	0.0	69.6	−43.6	57.7	72.3	127.0
299	0.33	0.635	0.245	66.3	−28.8	25.8	38.7	138.1	10.5	137	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
300	0.35	0.64	0.341	66.8	−25.9	13.3	29.2	152.7	7.6	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
301	0.348	0.634	0.417	68.0	−22.0	3.1	22.2	171.8	7.5	168	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
302	0.368	0.617	0.508	67.6	−19.1	−9.9	21.5	207.4	8.6	191	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
303	0.365	0.58	0.576	67.7	−17.3	−21.2	27.4	230.7	12.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
304	0.384	0.663	0.726	67.4	−13.8	−28.2	31.4	243.8	7.7	222	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6
305	0.406	0.72	0.897	66.5	−13.0	−33.3	35.7	248.6	5.4	232	0.0	0.616	1.0	49.7	−19.6	−50.1	53.8	248.5
306	0.353	0.755	0.058	67.9	−38.7	57.9	69.7	123.7	12.7	125	0.416	1.0	0.0	70.9	−42.1	59.8	73.1	125.1
307	0.329	0.753	0.142	71.1	−38.6	47.1	60.9	129.3	15.5	131	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
308	0.32	0.762	0.253	71.0	−36.0	30.3	47.1	139.9	11.2	140	0.183	1.0	0.0	60.0	−57.0	40.5	70.0	144.6
309	0.341	0.767	0.356	72.6	−34.0	20.4	39.6	149.0	10.2	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
310	0.324	0.765	0.439	73.1	−30.5	8.4	31.7	164.5	8.5	162	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6
311	0.341	0.752	0.534	72.4	−26.9	−2.4	27.0	185.2	7.3	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
312	0.37	0.724	0.607	71.6	−23.8	−14.3	27.7	211.0	8.7	197	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6
313	0.367	0.682	0.683	71.6	−19.1	−26.4	32.6	234.0	11.6	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
314	0.378	0.791	0.845	70.4	−16.4	−31.2	35.2	242.2	5.8	219	0.0	0.816	1.0	52.6	−29.2	−45.4	54.0	237.1
315	0.36	0.879	0.066	69.3	−44.0	57.2	72.1	127.5	7.4	128	0.366	1.0	0.0	68.9	−44.7	56.4	72.0	128.4
316	0.316	0.857	0.161	69.7	−43.0	47.7	64.2	131.9	11.6	135	0.266	1.0	0.0	63.1	−52.5	46.3	70.0	138.5
317	0.32	0.87	0.265	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	0.348	0.907	0.386	70.5	−38.1	22.9	44.5	148.9	5.0	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
319	0.321	0.874	0.445	71.1	−34.5	13.1	36.9	159.2	3.1	159	0.0	1.0	0.183	54.7	−61.8	17.8	64.4	163.8
320	0.34	0.896	0.553	71.8	−30.4	0.7	30.4	178.6	1.8	172	0.0	1.0	0.383	55.5	−55.3	3.8	55.4	176.0
321	0.372	0.868	0.667	71.4	−26.3	−11.6	28.8	203.8	4.5	187	0.0	1.0	0.616	57.0	−45.4	−12.7	47.1	195.6
322	0.387	0.846	0.735	71.2	−23.7	−18.0	29.8	217.1	4.2	200	0.0	1.0	0.816	56.3	−39.6	−24.9	46.8	212.2
323	0.37	0.808	0.809	70.0	−19.9	−28.6	34.8	235.1	6.1	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: **delta** **9.7**

1−1032230−F0

RE730−7N, Page 23/33−F

TUB-test chart RE73; 1080 standard colours, cf=0,9
colors and differences, $\Delta E'^*$

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

TUB registration: 20150701-RE73/RE73L0FP.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/RE73/RE73.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−1032230−F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 24/33

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				
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	26.9	17.9	32.3	33.7	0.391	0.007	0.053	32.6	38.4	27.1	47.1	35.2	14.8	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	26.6	12.9	29.6	25.9	0.376	0.0	0.089	34.4	34.7	17.7	38.9	27.0	9.8	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	28.0	5.4	28.5	11.0	0.371	0.0	0.168	33.6	37.5	6.2	38.0	9.4	9.8	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	30.6	−1.7	30.6	356.7	0.372	0.007	0.267	33.5	42.3	−3.5	42.5	355.1	12.0	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	31.6	−4.9	32.0	351.1	0.369	0.015	0.312	34.4	45.4	−10.4	46.6	347.0	14.9	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	35.2	−9.8	36.6	344.3	0.381	0.021	0.394	34.6	48.3	−16.4	51.0	341.2	14.6	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	38.9	−14.9	41.7	339.0	0.414	0.026	0.52	35.0	49.8	−22.9	54.9	335.2	13.5	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	42.2	−20.5	47.0	334.0	0.427	0.031	0.649	36.1	51.2	−26.9	57.8	332.2	11.0	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	45.0	−26.0	52.0	329.9	0.438	0.032	0.781	35.9	50.0	−28.9	57.8	329.9	5.7	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	18.6	27.4	33.1	55.7	0.446	0.108	0.043	39.0	21.7	35.4	41.5	58.5	8.6	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	20.1	13.4	24.2	33.7	0.437	0.105	0.177	41.0	20.3	23.3	30.9	48.8	10.3	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	20.2	7.9	21.7	21.4	0.426	0.116	0.228	40.0	23.2	10.0	25.2	23.3	4.4	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	22.4	0.3	22.4	1.0	0.411	0.12	0.297	40.1	28.2	−1.4	28.3	357.1	6.6	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	23.7	−3.6	24.0	351.1	0.403	0.123	0.335	41.6	33.7	−10.4	35.2	342.8	12.5	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	27.3	−8.4	28.6	342.8	0.422	0.122	0.412	41.6	37.5	−16.3	40.9	336.4	13.1	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	30.9	−14.0	34.0	335.6	0.436	0.12	0.52	42.9	39.4	−21.9	45.1	330.9	11.9	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	33.7	−19.5	39.0	329.9	0.438	0.128	0.636	41.1	45.0	−29.4	53.8	326.8	15.0	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	37.1	−24.5	44.4	326.5	0.452	0.122	0.758	39.2	43.3	−31.4	53.5	324.0	9.6	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	7.7	32.7	33.6	76.7	0.463	0.227	0.059	44.3	7.9	41.5	42.3	79.1	8.8	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	11.1	22.0	24.7	63.1	0.465	0.201	0.148	47.9	7.3	28.4	29.4	75.4	8.4	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	13.4	8.9	16.1	33.7	0.463	0.22	0.27	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	14.0	2.7	14.2	11.0	0.431	0.222	0.313	46.9	16.0	1.3	16.1	4.7	4.0	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	15.8	−2.4	16.0	351.1	0.429	0.223	0.361	49.4	20.8	−9.3	22.8	335.8	9.9	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	19.4	−7.4	20.8	339.0	0.45	0.219	0.439	48.1	25.2	−15.7	29.7	328.0	10.4	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	22.5	−13.0	26.0	329.9	0.454	0.218	0.525	49.9	26.2	−21.0	33.6	321.1	9.6	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	25.8	−17.9	31.4	325.2	0.476	0.229	0.643	47.5	32.8	−30.0	44.5	317.5	13.9	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	28.7	−22.9	36.8	321.3	0.492	0.231	0.768	44.2	33.7	−32.0	46.5	316.4	11.1	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	−0.8	35.4	35.4	91.3	0.448	0.322	0.077	48.8	−1.2	47.1	47.1	91.5	11.7	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	1.7	26.4	26.4	86.2	0.452	0.302	0.15	55.4	−1.8	35.6	35.6	92.9	11.3	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	3.8	16.3	16.8	76.7	0.472	0.323	0.248	54.3	0.8	19.9	19.9	87.4	6.1	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	6.7	4.4	8.0	33.7	0.464	0.333	0.351	53.1	5.6	5.0	7.5	41.7	3.1	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	7.9	−1.2	8.0	351.1	0.454	0.336	0.403	54.6	10.6	−7.2	12.8	325.7	7.8	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	11.2	−6.5	13.0	329.9	0.469	0.33	0.467	54.5	15.0	−14.1	20.6	316.8	9.1	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	14.3	−11.4	18.4	321.3	0.484	0.337	0.55	55.5	15.7	−19.5	25.1	308.8	8.7	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	17.1	−16.5	23.8	316.1	0.501	0.353	0.67	53.8	22.1	−29.8	37.1	306.6	14.2	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	19.7	−21.7	29.3	312.2	0.531	0.372	0.792	51.1	22.5	−31.5	38.8	305.5	11.1	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	−6.5	37.8	38.4	99.7	0.431	0.388	0.086	58.5	−10.2	57.3	58.2	100.0	20.3	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	−4.8	28.4	28.8	99.7	0.436	0.384	0.166	62.8	−9.9	42.3	43.4	103.1	17.0	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	−3.2	18.9	19.2	99.7	0.459	0.407	0.254	62.4	−7.8	27.0	28.1	106.2	11.8	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	−1.6	9.4	9.6	99.7	0.463	0.431	0.344	61.3	−4.4	11.0	11.8	112.1	6.4	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	2.7	−4.8	5.6	299.6	0.495	0.473	0.524	61.1	3.0	−12.8	13.2	283.3	8.4	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	5.5	−9.7	11.2	299.6	0.521	0.478	0.597	61.6	5.4	−18.1	19.0	286.7	8.5	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	8.3	−14.6	16.8	299.6	0.546	0.49	0.711	62.3	9.7	−27.0	28.7	289.7	12.4	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	11.0	−19.5	22.4	299.6	0.562	0.505	0.81	57.5	11.5	−30.8	32.9	290.5	13.1	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	−11.1	51.1	52.3	102.2	0.523	0.55	0.075	61.6	−14.7	60.5	62.3	103.7	10.2	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	−9.6	40.0	41.2	103.5	0.505	0.509	0.147	66.8	−14.9	47.4	49.7	107.4	9.7	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	−9.0	27.5	29.0	108.1	0.487	0.508	0.239	67.3	−14.3	32.4	35.4	113.7	8.8	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	−8.5	14.5	16.9	120.4	0.46	0.519	0.333	67.3	−12.0	17.6	21.3	124.3	8.0	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	−7.2	3.6	8.1	153.3	0.457	0.541	0.44	68.1	−9.6	4.1	10.5	156.5	7.3	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	−3.7	−4.5	5.8	230.7	0.469	0.534	0.526	67.3	−6.7	−11.6	13.5	239.8	10.0	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	−2.9	−11.3	11.6	255.4	0.488	0.562	0.609	67.6	−3.4	−16.4	16.7	258.2	6.4	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	−16.7	16.7	268.8	0.496	0.572	0.731	67.7	−1.3	−23.9	23.9	266.7	7.8	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	2.5	−22.0	22.2	276.5	0.513	0.579	0.836	63.6	1.8	−29.9	30.0	273.4	8.2	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	−18.0	55.1	58.0	108.1	0.508	0.676	0.081	69.6	−23.0	66.2	70.1	109.1	12.3	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	−17.2	42.1	45.5	112.2	0.477	0.641	0.158	71.8	−22.7	54.0	58.6	112.8	14.1	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	−17.1	29.1	33.8	120.4	0.454	0.625	0.245	72.1	−21.4	35.7	41.7	120.9	10.5	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	−16.5	17.3	23.9	133.4	0.442	0.629	0.341	73.0	−20.2	22.1	29.9	132.4	10.0	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	−14.5	7.3	16.2	153.3	0.446	0.642	0.444	73.0	−16.4	10.1	19.2	148.2	7.7	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	−11.3	−1.0	11.3	185.1	0.459	0.63	0.525	72.9	−13.8	−1.9	13.9	187.8	7.0	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	−7.4	−9.0	11.7	230.7	0.473	0.605	0.591	73.7	−12.5	−15.0	19.5	230.3	11.3	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	−7.8	−16.5	18.3	244.4	0.486	0.674	0.745	72.6	−9.9	−22.4	24.5	246.1	7.0	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	−5.8	−22.6	23.3	255.4	0.511	0.698	0.876	69.6	−7.8	−28.8	29.9	254.7	6.7	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	−26.0	56.8	62.4	114.5	0.478	0.778	0.079	74.1	−29.9	67.7	74.0	113.8	11.9	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	−25.7	43.7	50.7	120.4	0.447	0.747	0.158	76.3	−29.2	56.4	63.6	117.4	14.8	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	−24.5	32.4	40.7	127.0	0.449	0.747	0.244	75.7	−28.7	37.5	47.2	127.5	8.9	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	−24.5	19.6	31.4	141.3	0.421	0.75	0.346	75.8	−27.6	24.0	36.6	138.9	8.7	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	−21.8	10.9	24.4	153.3	0.437	0.766	0.459	77.2	−25.3	14.4	29.1	150.3	7.9	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	−19.4	2.8	19.6	171.7	0.436	0.764	0.543	78.2	−22.9	5.3	23.5	166.9	8.4	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	−14.6	−5.6	15.6	200.9	0.472	0.744	0.638	77.5	−19.6	−7.8	21.1	201.8	8.0	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	−11.1	−13.6	17.6	230.7	0.473	0.703	0.706	77.5	−15.5	−20.5	25.7	232.9	11.1	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	−12.4	−21.1	24.5	239.6	0.499	0.797	0.865	74.6	−13.1	−26.3	29.4	243.5	5.2	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	−34.2	58.3	67.6	120.4	0.473	0.923	0.077	73.9	−38.0	64.8	75.2	120.4	7.5	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	−33.2	47.1	57.6	125.1	0.453	0.89	0.166	75.2	−36.4	56.9	67.5	122.6	10.3	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	−33.0	34.7	47.9	133.4	0.446	0.9	0.252	74.9	−35.2	42.0	54.8	130.0	7.7	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	−32.1	22.8	39.3	144.6	0.422	0.882	0.366	76.5	−30.9	26.7	40.9	139.2	5.0	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	−29.1	14.6	32.5	153.3	0.462	0.986	0.516	77.7	−27.5	17.5	32.6	147.4	3.8	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	−27.1	6.4	27.8	166.6	0.452	0.965	0.604	78.0	−25.5	9.2	27.1	160.1	4.0	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	−22.6	−2.0	22.7	185.1	0.469	0.874	0.675	77.5	−21.6	−5.3	22.2	193.8	3.6	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	−18.4	−9.6	20.7	207.6	0.496	0.85	0.75	76.7	−19.5	−13.7	23.9	215.1	4.3	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	−14.8	−18.1	23.4	230.7	0.483	0.816	0.824	75.5	−15.9	−24.6	29.3	237.0	6.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: delta 9.5

1-1032330-F0

RE730−7N, Page 24/33−F

TUB-test chart RE73; 1080 standard colours, cf=0,9
colors and differences, $\Delta E'^*$

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

1-1032330-F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.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	33.6	22.4	40.4	33.7	0.515	0.025	0.086	35.7	44.9	29.4	53.7	33.2	13.2	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	33.4	17.7	37.8	28.0	0.504	0.014	0.132	36.9	42.3	23.1	48.2	28.6	10.6	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	33.9	10.7	35.6	17.5	0.496	0.019	0.205	35.6	44.0	13.1	46.0	16.5	10.4	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	36.4	2.9	36.5	4.6	0.502	0.027	0.302	35.3	46.7	2.9	46.8	3.6	10.2	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	38.8	−3.5	38.9	354.7	0.5	0.033	0.384	36.0	50.4	−5.4	50.7	353.8	11.8	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	39.6	−6.1	40.0	351.1	0.499	0.038	0.43	36.7	53.6	−12.4	55.1	346.9	15.4	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	43.1	−11.2	44.6	345.3	0.519	0.04	0.535	37.9	54.9	−18.4	58.0	341.4	13.8	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	46.9	−15.6	49.4	341.5	0.553	0.044	0.645	38.7	55.5	−22.5	59.9	337.8	11.0	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	50.1	−21.8	54.7	336.4	0.565	0.037	0.788	38.7	55.4	−24.5	60.6	336.0	5.9	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	26.7	32.7	42.3	50.8	0.578	0.125	0.055	40.9	30.7	38.1	49.0	51.1	6.7	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	26.9	17.9	32.3	33.7	0.567	0.12	0.207	43.7	29.0	29.8	41.5	45.7	12.2	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	26.6	12.9	29.6	25.9	0.558	0.124	0.251	42.8	30.4	16.5	34.6	28.4	5.3	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	28.0	5.4	28.5	11.0	0.542	0.127	0.326	42.8	33.1	5.5	33.6	9.4	5.3	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	30.6	−1.7	30.6	356.7	0.534	0.128	0.408	43.9	37.4	−3.0	37.5	355.4	7.3	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	31.6	−4.9	32.0	351.1	0.529	0.133	0.449	44.1	42.4	−11.4	43.9	344.8	12.7	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	35.2	−9.8	36.6	344.3	0.544	0.136	0.54	45.3	45.1	−17.2	48.2	339.0	12.4	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	38.9	−14.9	41.7	339.0	0.565	0.142	0.65	44.7	49.7	−23.4	55.0	334.7	13.8	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	42.2	−20.5	47.0	334.0	0.574	0.142	0.778	42.4	48.2	−27.0	55.3	330.6	9.2	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	15.0	38.3	41.2	68.6	0.605	0.249	0.059	45.9	17.1	43.9	47.2	68.7	6.3	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	18.6	27.4	33.1	55.7	0.596	0.209	0.16	51.1	15.1	33.4	36.7	65.6	7.7	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	20.1	13.4	24.2	33.7	0.59	0.222	0.297	50.7	17.7	20.6	27.2	49.2	8.0	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	20.2	7.9	21.7	21.4	0.568	0.227	0.344	50.7	21.4	8.5	23.1	21.8	3.5	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	22.4	0.3	22.4	1.0	0.553	0.223	0.417	51.5	25.2	−1.5	25.2	356.5	5.2	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	23.7	−3.6	24.0	351.1	0.547	0.225	0.465	52.1	30.6	−11.1	32.5	340.0	10.8	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	27.3	−8.4	28.6	342.8	0.57	0.229	0.55	53.0	31.8	−15.2	35.2	334.4	8.9	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	30.9	−14.0	34.0	335.6	0.585	0.233	0.66	51.4	39.9	−24.0	46.6	328.8	13.5	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	33.7	−19.5	39.0	329.9	0.59	0.239	0.786	47.5	39.9	−27.2	48.3	325.7	10.4	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	6.0	43.0	43.4	81.9	0.614	0.358	0.068	50.2	5.5	49.2	49.5	83.5	7.0	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	7.7	32.7	33.6	76.7	0.59	0.324	0.154	57.9	4.5	39.8	40.1	83.5	8.6	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	11.1	22.0	24.7	63.1	0.604	0.321	0.255	57.7	7.7	25.4	26.6	73.1	6.1	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	13.4	8.9	16.1	33.7	0.594	0.328	0.384	57.4	9.9	13.2	16.5	52.9	6.4	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	14.0	2.7	14.2	11.0	0.568	0.33	0.436	58.3	13.3	2.5	13.6	10.8	4.6	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	15.8	−2.4	16.0	351.1	0.564	0.329	0.492	58.5	19.1	−8.6	21.0	335.6	8.3	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	19.4	−7.4	20.8	339.0	0.586	0.336	0.578	58.3	21.3	−14.0	25.5	326.6	7.5	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	22.5	−13.0	26.0	329.9	0.6	0.34	0.688	59.0	28.8	−22.8	36.8	321.6	12.0	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	25.8	−17.9	31.4	325.2	0.615	0.351	0.795	54.6	29.0	−26.5	39.3	317.5	9.4	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	−2.4	43.0	43.1	93.2	0.565	0.436	0.108	59.8	−3.5	59.7	59.8	93.3	16.6	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	−0.8	35.4	35.4	91.3	0.571	0.431	0.175	64.6	−4.1	48.7	48.9	94.8	14.4	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	1.7	26.4	26.4	86.2	0.586	0.429	0.253	64.9	−1.9	32.2	32.3	93.3	8.5	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	3.8	16.3	16.8	76.7	0.596	0.439	0.357	64.7	0.6	19.0	19.0	87.9	6.0	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	6.7	4.4	8.0	33.7	0.586	0.445	0.475	64.0	4.8	5.9	7.7	50.8	4.5	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	7.9	−1.2	8.0	351.1	0.577	0.451	0.531	64.5	10.1	−6.6	12.1	326.7	7.2	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	11.2	−6.5	13.0	329.9	0.594	0.452	0.599	64.8	12.6	−12.7	18.0	314.7	7.3	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	14.3	−11.4	18.4	321.3	0.615	0.458	0.704	66.6	18.0	−20.6	27.3	311.1	10.7	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	17.1	−16.5	23.8	316.1	0.621	0.47	0.8	62.6	18.2	−24.2	30.3	306.9	7.8	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	−8.1	47.3	48.0	99.7	0.548	0.511	0.105	68.8	−11.7	69.1	70.1	99.6	22.8	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	−6.5	37.8	38.4	99.7	0.557	0.507	0.185	71.9	−11.2	56.2	57.3	101.3	20.5	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	−4.8	28.4	28.8	99.7	0.569	0.515	0.27	72.4	−9.6	39.2	40.4	103.8	14.3	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	−3.2	18.9	19.2	99.7	0.577	0.529	0.363	72.3	−7.0	25.9	26.8	105.2	10.7	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	−1.6	9.4	9.6	99.7	0.579	0.548	0.462	72.0	−4.3	10.7	11.5	111.9	7.0	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	2.7	−4.8	5.6	299.6	0.613	0.591	0.647	71.2	3.2	−11.2	11.7	286.2	7.0	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	5.5	−9.7	11.2	299.6	0.642	0.603	0.736	71.9	6.1	−17.9	18.9	289.0	8.3	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	8.3	−14.6	16.8	299.6	0.668	0.62	0.841	69.4	7.9	−22.7	24.0	289.3	8.5	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	−12.4	62.1	63.3	101.3	0.637	0.665	0.09	75.3	−16.1	76.3	78.0	101.9	14.7	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	−11.1	51.1	52.3	102.2	0.633	0.644	0.172	76.9	−16.5	60.7	62.9	105.2	11.7	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	−9.6	40.0	41.2	103.5	0.633	0.634	0.251	77.3	−15.3	45.1	47.7	108.7	8.7	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	−9.0	27.5	29.0	108.1	0.603	0.635	0.354	77.9	−13.8	32.9	35.7	112.8	9.2	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	−8.5	14.5	16.9	120.4	0.568	0.636	0.448	77.3	−11.4	20.5	23.5	119.1	9.3	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	−7.2	3.6	8.1	153.3	0.568	0.66	0.561	77.1	−10.1	6.6	12.1	146.9	7.2	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	−3.7	−4.5	5.8	230.7	0.585	0.656	0.653	77.2	−6.5	−8.9	11.1	233.7	8.2	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	−2.9	−11.3	11.6	255.4	0.6	0.687	0.751	77.3	−3.3	−15.9	16.3	258.2	5.9	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	−16.7	16.7	268.8	0.613	0.699	0.866	74.9	−3.3	−22.2	22.5	261.3	6.2	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	−18.3	68.3	70.7	105.0	0.636	0.803	0.088	81.3	−21.8	79.6	82.6	105.3	12.0	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	−18.0	55.1	58.0	108.1	0.614	0.782	0.172	81.8	−22.0	66.2	69.7	108.4	12.4	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	−17.2	42.1	45.5	112.2	0.596	0.764	0.259	80.6	−20.5	44.2	48.8	114.8	5.6	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	−17.1	29.1	33.8	120.4	0.561	0.745	0.357	81.0	−20.2	33.4	39.1	121.2	7.9	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	−16.5	17.3	23.9	133.4	0.543	0.762	0.466	81.9	−18.6	22.3	29.1	129.8	8.8	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	−14.5	7.3	16.2	153.3	0.557	0.776	0.585	82.9	−16.6	13.2	21.2	141.4	9.3	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	−11.3	−1.0	11.3	185.1	0.579	0.763	0.669	82.7	−14.4	0.1	14.4	179.2	7.2	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	−7.4	−9.0	11.7	230.7	0.589	0.733	0.732	83.1	−11.3	−14.6	18.5	232.2	10.2	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	−7.8	−16.5	18.3	244.4	0.609	0.811	0.885	80.4	−10.2	−19.8	22.2	242.7	4.1	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	−26.6	68.8	73.8	111.1	0.615	0.952	0.091	81.2	−30.0	75.6	81.4	111.6	7.6	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	−26.0	56.8	62.4	114.5	0.605	0.94	0.185	83.1	−27.9	66.8	72.5	112.7	10.4	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	−25.7	43.7	50.7	120.4	0.588	0.924	0.267	82.0	−28.1	53.5	60.4	117.7	10.3	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	−24.5	32.4	40.7	127.0	0.588	0.919	0.376	81.1	−27.4	38.7	47.5	125.2	7.0	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	−24.5	19.6	31.4	141.3	0.545	0.925	0.486	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	−21.8	10.9	24.4	153.3	0.561	0.967	0.628	84.0	−20.0	15.4	25.2	142.4	5.7	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	−19.4	2.8	19.6	171.7	0.567	0.96	0.708	84.0	−16.9	3.8	17.4	167.3	4.1	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	−14.6	−5.6	15.6	200.9	0.594	0.872	0.782	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	−11.1	−13.6	17.6	230.7	0.591	0.838	0.844	81.5	−11.9	−17.9	21.6	236.3	4.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: delta 9.1

1-1032430-F0 RE730-7N, Page 25/33-F

TUB-test chart RE73; 1080 standard colours, cf=0,9
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/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 26/33

n	HIC^*_{Fdd}	$rgb_{\_Fdd}$			$ict_{\_Fdd}$			$h_{si\_F,dd}$	rgb^*_{Fdd}			$LabCh^*_{Fdd}$				
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	40.3	26.9	48.5	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	40.0	22.5	46.0	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	40.4	15.8	43.4	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	42.0	8.2	42.8	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	44.8	0.7	44.8	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	46.9	−5.3	47.2	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	47.5	−7.3	48.0	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	50.8	−12.8	52.4	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	54.7	−16.8	57.2	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	34.7	37.9	51.4	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	33.6	22.4	40.4	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	33.4	17.7	37.8	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	33.9	10.7	35.6	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	36.4	2.9	36.5	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	38.8	−3.5	38.9	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	39.6	−6.1	40.0	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	43.1	−11.2	44.6	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	46.9	−15.6	49.4	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	22.3	44.0	49.4	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	26.7	32.7	42.3	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	26.9	17.9	32.3	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	26.6	12.9	29.6	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	28.0	5.4	28.5	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	30.6	−1.7	30.6	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	31.6	−4.9	32.0	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	35.2	−9.8	36.6	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	38.9	−14.9	41.7	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	11.5	49.1	50.4	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	15.0	38.3	41.2	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	18.6	27.4	33.1	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	20.1	13.4	24.2	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	20.2	7.9	21.7	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	22.4	0.3	22.4	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	23.7	−3.6	24.0	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	27.3	−8.4	28.6	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	30.9	−14.0	34.0	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	3.4	52.8	52.9	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	6.0	43.0	43.4	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	7.7	32.7	33.6	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	11.1	22.0	24.7	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	13.4	8.9	16.1	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	14.0	2.7	14.2	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	15.8	−2.4	16.0	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	19.4	−7.4	20.8	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	22.5	−13.0	26.0	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	−3.9	50.6	50.8	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	−2.4	43.0	43.1	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	−0.8	35.4	35.4	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	1.7	26.4	26.4	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	3.8	16.3	16.8	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	6.7	4.4	8.0	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	7.9	−1.2	8.0	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	11.2	−6.5	13.0	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	14.3	−11.4	18.4	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	−9.7	56.8	57.6	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	−8.1	47.3	48.0	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	−6.5	37.8	38.4	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	−4.8	28.4	28.8	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	−3.2	18.9	19.2	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	−1.6	9.4	9.6	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
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	2.7	−4.8	5.6	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	5.5	−9.7	11.2	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	−14.0	72.9	74.3	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	−12.4	62.1	63.3	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	−11.1	51.1	52.3	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	−9.6	40.0	41.2	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	−9.0	27.5	29.0	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	−8.5	14.5	16.9	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	−7.2	3.6	8.1	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	−3.7	−4.5	5.8	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	−2.9	−11.3	11.6	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	−19.3	80.1	82.4	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	−18.3	68.3	70.7	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	−18.0	55.1	58.0	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	−17.2	42.1	45.5	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	−17.1	29.1	33.8	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	−16.5	17.3	23.9	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	−14.5	7.3	16.2	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	−11.3	−1.0	11.3	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	−7.4	−9.0	11.7	230.7

n	rgb'^*_{Fdd}			$LabCh'^*_{Fdd}$					DE'^*_{Fdd}	$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
486	0.656	0.037	0.098	39.6	49.4	30.9	58.3	32.0	9.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
487	0.647	0.035	0.156	38.2	48.6	22.7	53.6	25.0	8.5	382	1.0	0.0	0.15	46.5	59.3	33.4	68.1	29.4
488	0.648	0.041	0.24	37.7	48.9	15.5	51.4	17.6	8.6	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
489	0.648	0.043	0.336	37.3	50.7	7.3	51.2	8.2	8.7	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
490	0.649	0.043	0.439	37.4	53.7	−1.0	53.7	358.8	9.1	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
491	0.642	0.046	0.528	37.8	56.8	−9.0	57.6	350.9	10.6	337	1.0	0.0	0.85	46.9	69.6	−7.9	70.0	353.4
492	0.644	0.053	0.562	38.8	58.2	−14.0	59.8	346.4	12.6	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
493	0.665	0.053	0.673	40.2	58.3	−18.4	61.2	342.5	9.4	322	0.866	0.0	1.0	44.2	64.5	−16.2	66.5	345.8
494	0.719	0.049	0.808	41.7	60.2	−19.1	63.1	342.3	5.9	317	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8
495	0.695	0.122	0.052	47.1	40.4	46.6	61.6	49.0	10.5	37	1.0	0.15	0.0	54.3	51.5	56.1	76.2	47.4
496	0.702	0.124	0.229	47.4	34.2	32.8	47.4	43.8	10.6	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
497	0.689	0.129	0.281	46.9	35.7	23.1	42.6	32.8	6.1	380	1.0	0.0	0.183	46.4	59.3	31.6	67.2	28.0
498	0.677	0.135	0.361	45.9	37.7	14.4	40.4	20.9	5.4	367	1.0	0.0	0.383	45.9	60.3	19.1	63.3	17.5
499	0.666	0.136	0.459	45.7	42.1	4.9	42.4	6.7	6.0	352	1.0	0.0	0.616	46.2	64.8	5.2	65.0	4.6
500	0.656	0.139	0.54	46.0	46.0	−4.5	46.2	354.3	7.3	339	1.0	0.0	0.816	46.7	69.0	−6.3	69.3	354.7
501	0.658	0.147	0.579	46.5	50.1	−13.0	51.8	345.3	12.6	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
502	0.682	0.151	0.682	47.3	52.4	−18.1	55.4	340.9	11.5	322	0.85	0.0	1.0	43.9	63.9	−16.7	66.0	345.3
503	0.717	0.156	0.789	46.9	53.1	−21.6	57.3	337.7	8.7	315	0.733	0.0	1.0	41.3	59.5	−19.9	62.8	341.5
504	0.706	0.232	0.059	55.4	22.3	55.5	59.8	68.1	12.0	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
505	0.733	0.198	0.164	55.1	22.0	39.9	45.6	61.0	9.3	39	1.0	0.183	0.0	56.3	47.5	58.3	75.2	50.8
506	0.721	0.221	0.334	54.9	23.2	27.4	36.0	49.7	10.6	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
507	0.702	0.228	0.381	53.9	26.2	16.8	31.1	32.8	4.7	377	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9
508	0.68	0.229	0.462	54.0	28.8	8.0	29.9	15.5	3.9	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
509	0.672	0.23	0.547	53.8	33.7	−2.3	33.8	356.0	4.0	342	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7
510	0.676	0.239	0.591	53.8	38.4	−12.4	40.4	342.0	10.3	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
511	0.707	0.244	0.694	54.9	41.2	−17.3	44.7	337.1	9.7	320	0.816	0.0	1.0	43.2	62.7	−17.5	65.1	344.3
512	0.735	0.252	0.8	52.9	43.4	−21.9	48.6	333.2	8.3	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
513	0.712	0.354	0.071	60.4	11.7	60.4	61.5	79.0	11.5	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
514	0.722	0.324	0.162	61.5	11.9	47.0	48.5	75.7	9.8	52	1.0	0.383	0.0	67.0	26.7	68.2	73.2	68.6
515	0.747	0.31	0.27	61.4	12.5	31.0	33.4	67.9	7.9	42	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
516	0.732	0.329	0.439	60.6	15.7	20.3	25.7	52.2	8.6	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
517	0.707	0.331	0.491	60.7	17.8	11.1	21.0	31.9	5.1	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
518	0.696	0.336	0.569	60.3	22.3	0.0	22.3	359.8	2.8	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
519	0.701	0.346	0.621	59.8	27.7	−10.5	29.7	339.1	8.1	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
520	0.742	0.362	0.718	61.0	32.8	−16.9	36.9	332.6	10.2	317	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8
521	0.749	0.37	0.816	58.5	35.3	−21.0	41.0	329.2	8.3	307	0.616	0.0	1.0	38.5	55.0	−24.9	60.4	335.6
522	0.704	0.461	0.092	64.6	3.2	65.3	65.3	87.1	12.5	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
523	0.715	0.437	0.171	67.2	3.1	54.3	54.4	86.6	12.2	67	1.0	0.616	0.0	75.7	10.8	76.4	77.2	81.9
524	0.737	0.445	0.266	67.1	4.0	37.6	37.8	83.8	6.7	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
525	0.751	0.448	0.396	66.5	7.0	25.8	26.7	74.8	6.1	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
526	0.734	0.457	0.541	66.5	9.4	15.2	17.8	58.2	7.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
527	0.707	0.462	0.587	65.7	14.0	3.5	14.5	14.2	2.1	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
528	0.711	0.475	0.651	65.3	20.5	−9.2	22.5	335.6	8.3	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
529	0.744	0.498	0.729	67.3	23.5	−15.4	28.1	326.8	9.1	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
530	0.744	0.494	0.82	65.9	26.7	−19.0	32.8	324.4	7.3	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
531	0.673	0.551	0.149	73.4	−5.5	74.3	74.5	94.2	24.1	81	1.0	0.85	0.0	86.1	−5.9	75.0	75.2	94.5
532	0.691	0.554	0.213	74.2	−5.1	60.6	60.8	94.8	18.4	80	1.0	0.816	0.0	84.9	−4.3	76.5	76.7	93.2
533	0.709	0.561	0.29	74.1	−3.6	44.2	44.3	94.6	10.1	77	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
534	0.724	0.566	0.395	73.5	−1.6	32.8	32.8	92.9	8.1	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
535	0.728	0.578	0.511	73.1	1.4	21.4	21.5	86.1	6.3	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
536	0.73	0.594	0.631	71.9	4.8	7.5	8.9	57.4	4.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
537	0.717	0.598	0.68	71.9	10.3	−6.5	12.2	327.7	6.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
538	0.748	0.61	0.746	73.6	13.6	−13.6	19.2	315.1	7.8	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
539	0.755	0.606	0.837	73.0	16.6	−16.7	23.6	314.8	5.7	288	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
540	0.654	0.625	0.129	81.5	−13.2	83.1	84.2	99.0	28.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
541	0.671	0.627	0.205	80.6	−12.0	67.6	68.6	100.0	21.9	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
542	0.686	0.637	0.297	80.6	−10.8	50.9	52.0	101.9	15.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
543	0.696	0.652	0.407	80.1	−9.0	39.7	40.7	102.8	13.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
544	0.705	0.671	0.519	80.4	−7.7	29.2	30.2	104.8	12.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
545	0.722	0.697	0.624	79.0	−4.2	13.7	14.4	107.1	6.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
546	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	0.762	0.737	0.81	79.8	1.9	−10.2	10.4	280.7	5.6	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
548	0.787	0.738	0.889	80.4	3.3	−15.2	15.6	282.4	5.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
549	0.749	0.803	0.11	88.3	−16.5	89.8	91.3	100.4	17.8	97	0.866	1.0	0.0	92.7	−17.8	92.6	94.3	100.9
550	0.772	0.804	0.192	86.0	−16.6	75.6	77.4	102.3	14.4	97	0.85	1.0	0.0	92.2	−18.5	92.0	93.9	101.3
551	0.782	0.802	0.283	85.1	−16.2	55.3	57.6	106.3	6.9	99	0.816	1.0	0.0	91.2	−19.7	90.8	92.9	102.2
552	0.784	0.801	0.416	85.1	−15.4	45.6	48.1	108.6	8.2	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
553	0.754	0.793	0.535	85.5	−14.4	35.1	38.0	112.3	10.0	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
554	0.712	0.794	0.626	85.3	−11.9	23.2	26.1	117.1	10.3	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
555	0.706	0.808	0.73	86.7	−10.8	10.2	14.9	136.5	9.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
556	0.72	0.793	0.808	86.7	−6.8	−8.8	11.1	232.5	7.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
557	0.747	0.818	0.923	86.4	−7.7	−12.9	15.1	238.9	5.8	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
558	0.798	0.989	0.101	89.2	−22.0	88.4	91.1	104.0	8.7	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
559	0.804	0.978	0.2	88.8	−21.4	75.2	78.2	105.9	7.6	104	0.733	1.0	0.0	88.2	−23.3	86.7	89.8	105.0
560	0.781	0.951	0.319	88.8	−21.6	61.7	65.4	109.3	7.6	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
561	0.756	0.926	0.454	88.0	−22.0	53.4	57.7	112.4	12.3	112	0.616	1.0	0.0	80.7	−30.6	74.9	80.9	112.2
562	0.711	0.919	0.542	87.6	−21.1	41.2	46.3	117.1	12.9	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
563	0.682	0.934	0.643	87.6	−19.1	27.3	33.4	124.9	10.6	131	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
564	0.691	0.956	0.76	89.0	−15.2	15.8	22.0	133.9	9.0	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
565	0.721	0.934	0.836	87.5	−12.6	0.4	12.6	178.1	2.2	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
566	0.722	0.865	0.866	86.1	−9.2	−13.4	16.3	235.4	4.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
	Mean color difference of this page:						**delta**		**9.2**									

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TUB-test chart RE73; 1080 standard colours, cf=0,9
colors and differences, $\Delta E'^*$

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

1−1032530−F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 27/33

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				
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	47.1	31.4	56.6	33.7	0.793	0.042	0.084	43.1	54.8	33.4	64.2	31.4	7.9	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	46.7	27.0	54.0	30.0	0.795	0.042	0.145	42.7	54.6	27.0	60.9	26.3	7.9	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	46.7	21.1	51.3	24.3	0.791	0.044	0.237	42.0	54.8	20.4	58.4	20.4	8.0	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	48.0	13.5	49.9	15.7	0.792	0.048	0.353	41.6	56.5	11.6	57.7	11.6	8.7	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	50.5	5.7	50.8	6.4	0.794	0.054	0.474	41.5	58.3	4.1	58.5	4.0	7.9	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	53.0	−1.5	53.1	358.2	0.792	0.054	0.573	41.5	61.6	−3.9	61.7	356.3	8.9	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	55.0	−6.9	55.4	352.7	0.794	0.061	0.66	42.3	63.9	−10.9	64.9	350.2	9.8	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	55.4	−8.6	56.1	351.1	0.794	0.067	0.69	43.5	64.2	−14.9	66.0	346.9	10.8	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	58.7	−14.1	60.4	346.4	0.813	0.061	0.812	44.4	64.8	−16.0	66.8	346.1	6.4	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	42.1	43.3	60.4	45.8	0.803	0.117	0.052	52.2	47.0	53.0	70.8	48.4	11.3	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	40.3	26.9	48.5	33.7	0.811	0.132	0.256	51.4	45.6	42.8	62.5	43.1	16.8	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	40.0	22.5	46.0	29.4	0.803	0.138	0.31	50.9	46.4	31.3	55.9	34.0	10.9	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	40.4	15.8	43.4	21.4	0.795	0.146	0.397	49.6	48.8	21.0	53.1	23.3	9.9	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	42.0	8.2	42.8	11.0	0.787	0.152	0.498	48.9	52.7	12.4	54.1	13.3	11.4	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	44.8	0.7	44.8	1.0	0.787	0.154	0.589	49.0	55.7	1.6	55.7	1.6	10.9	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	46.9	−5.3	47.2	353.4	0.788	0.16	0.671	49.2	60.2	−8.2	60.8	352.2	13.5	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	47.5	−7.3	48.0	351.1	0.791	0.166	0.701	49.5	60.6	−15.5	62.6	345.5	15.4	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	50.8	−12.8	52.4	345.8	0.808	0.168	0.801	49.4	58.4	−17.5	61.0	343.3	9.0	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	29.7	49.3	57.6	58.8	0.808	0.22	0.062	60.4	30.8	60.8	68.1	63.1	12.5	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	34.7	37.9	51.4	47.4	0.841	0.196	0.183	59.7	29.9	49.0	57.4	58.5	13.0	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	33.6	22.4	40.4	33.7	0.835	0.227	0.365	59.7	30.7	34.3	46.1	48.2	12.9	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	33.4	17.7	37.8	28.0	0.822	0.232	0.419	58.3	33.3	24.4	41.3	36.2	7.4	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	33.9	10.7	35.6	17.5	0.807	0.237	0.506	57.8	35.9	15.3	39.0	23.1	5.7	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	36.4	2.9	36.5	4.6	0.805	0.243	0.603	57.5	39.3	6.3	39.8	9.0	5.0	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	38.8	−3.5	38.9	354.7	0.807	0.246	0.684	57.8	42.6	−4.9	42.9	353.3	4.7	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	39.6	−6.1	40.0	351.1	0.813	0.252	0.72	57.9	46.9	−13.8	48.9	343.5	10.8	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	43.1	−11.2	44.6	345.3	0.836	0.255	0.815	57.1	48.5	−16.3	51.2	341.3	7.3	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	18.9	54.8	58.0	70.9	0.817	0.348	0.068	65.8	21.1	66.1	69.4	72.2	12.1	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	22.3	44.0	49.4	63.1	0.845	0.329	0.171	64.3	20.5	51.9	55.8	68.3	8.4	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	26.7	32.7	42.3	50.8	0.869	0.306	0.283	64.3	21.1	37.2	42.8	60.3	7.7	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	26.9	17.9	32.3	33.7	0.854	0.342	0.474	63.9	23.3	27.0	35.7	49.1	10.0	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	26.6	12.9	29.6	25.9	0.836	0.347	0.529	63.7	26.0	17.6	31.4	34.1	5.3	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	28.0	5.4	28.5	11.0	0.825	0.352	0.617	63.4	28.6	8.9	29.9	17.2	4.1	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	30.6	−1.7	30.6	356.7	0.825	0.363	0.697	62.9	34.6	−3.7	34.8	353.8	4.7	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	31.6	−4.9	32.0	351.1	0.832	0.378	0.737	63.6	38.2	−12.8	40.3	341.4	10.3	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	35.2	−9.8	36.6	344.3	0.852	0.381	0.822	63.2	39.4	−16.2	42.6	337.6	7.5	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	10.0	59.4	60.2	80.4	0.822	0.47	0.079	70.6	10.5	70.8	71.6	81.4	11.8	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	11.5	49.1	50.4	76.7	0.845	0.468	0.175	70.8	10.5	58.2	59.1	79.7	9.4	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	15.0	38.3	41.2	68.6	0.873	0.453	0.269	70.5	10.7	41.5	42.8	75.5	5.8	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	18.6	27.4	33.1	55.7	0.888	0.45	0.422	70.0	12.4	32.1	34.5	68.8	8.1	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	20.1	13.4	24.2	33.7	0.865	0.462	0.587	70.3	14.5	22.2	26.6	56.7	10.7	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	20.2	7.9	21.7	21.4	0.843	0.472	0.637	70.1	18.2	12.2	22.0	33.9	5.4	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	22.4	0.3	22.4	1.0	0.835	0.485	0.71	69.4	24.0	−0.2	24.0	359.3	2.6	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	23.7	−3.6	24.0	351.1	0.838	0.496	0.758	70.1	28.2	−10.9	30.2	338.8	8.7	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	27.3	−8.4	28.6	342.8	0.864	0.493	0.837	71.1	30.8	−13.1	33.5	336.9	6.1	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	62.4	62.4	89.6	0.807	0.592	0.118	76.7	2.8	77.6	77.6	87.9	15.6	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	3.4	52.8	52.9	86.2	0.836	0.577	0.189	76.4	2.3	67.2	67.3	87.9	14.7	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	6.0	43.0	43.4	81.9	0.865	0.569	0.268	76.3	2.7	46.9	47.0	86.6	5.9	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	7.7	32.7	33.6	76.7	0.878	0.588	0.422	75.6	4.7	37.6	37.9	82.8	5.9	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	11.1	22.0	24.7	63.1	0.887	0.58	0.553	76.1	5.9	28.1	28.7	78.0	8.3	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	13.4	8.9	16.1	33.7	0.872	0.604	0.686	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	14.0	2.7	14.2	11.0	0.851	0.613	0.732	74.6	14.7	2.9	15.0	11.4	1.1	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	15.8	−2.4	16.0	351.1	0.847	0.616	0.787	75.8	20.0	−8.4	21.8	337.1	7.5	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	19.4	−7.4	20.8	339.0	0.866	0.616	0.857	77.1	23.6	−11.0	26.1	335.0	5.8	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	−5.2	58.4	58.6	95.1	0.792	0.68	0.178	84.4	−4.8	85.7	85.8	93.2	28.0	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	−3.9	50.6	50.8	94.5	0.814	0.688	0.24	82.8	−5.1	72.9	73.1	94.0	22.6	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	−2.4	43.0	43.1	93.2	0.832	0.699	0.339	82.9	−4.1	53.6	53.8	94.4	11.3	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	−0.8	35.4	35.4	91.3	0.847	0.707	0.444	82.6	−2.8	44.5	44.5	93.6	9.6	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	1.7	26.4	26.4	86.2	0.86	0.71	0.552	82.4	−1.1	33.3	33.3	91.9	7.9	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	3.8	16.3	16.8	76.7	0.866	0.728	0.662	81.7	1.9	22.2	22.3	84.8	6.3	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	6.7	4.4	8.0	33.7	0.864	0.73	0.769	81.2	4.8	8.2	9.5	59.4	4.3	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	7.9	−1.2	8.0	351.1	0.85	0.73	0.816	82.3	10.0	−6.1	11.7	328.5	5.7	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	11.2	−6.5	13.0	329.9	0.869	0.729	0.872	84.1	12.0	−9.0	15.0	323.0	3.9	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	−11.4	66.2	67.2	99.7	0.772	0.77	0.151	89.7	−13.0	90.1	91.0	98.2	25.1	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	−9.7	56.8	57.6	99.7	0.796	0.776	0.225	88.5	−12.5	77.9	78.9	99.1	22.1	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	−8.1	47.3	48.0	99.7	0.818	0.787	0.335	88.0	−11.1	61.1	62.1	100.2	14.9	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	−6.5	37.8	38.4	99.7	0.832	0.795	0.459	87.5	−9.9	49.1	50.1	101.4	12.3	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	−4.8	28.4	28.8	99.7	0.842	0.81	0.575	88.3	−8.5	39.5	40.4	102.1	12.3	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	−3.2	18.9	19.2	99.7	0.85	0.821	0.681	88.3	−7.2	29.8	30.7	103.6	12.1	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	−1.6	9.4	9.6	99.7	0.854	0.828	0.77	88.8	−5.4	16.2	17.1	108.5	8.4	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	2.7	−4.8	5.6	299.6	0.869	0.849	0.945	90.3	1.7	−6.4	6.7	285.3	2.7	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	−15.6	83.1	84.5	100.6	1.0	1.0	0.005	92.9	−17.5	92.9	94.5	100.7	10.0	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	−14.0	72.9	74.3	100.9	1.0	1.0	0.144	91.3	−16.6	82.0	83.7	101.4	9.6	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	−12.4	62.1	63.3	101.3	1.0	1.0	0.25	90.5	−15.7	63.4	65.3	103.9	4.4	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	−11.1	51.1	52.3	102.2	1.0	0.995	0.438	91.2	−15.7	54.6	56.8	106.0	6.1	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	−9.6	40.0	41.2	103.5	0.998	0.982	0.589	91.8	−15.5	45.5	48.0	108.8	8.0	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	−9.0	27.5	29.0	108.1	0.927	0.952	0.702	92.6	−14.4	36.1	38.9	111.7	10.1	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	−8.5	14.5	16.9	120.4	0.856	0.947	0.787	92.8	−12.2	23.7	26.7	117.3	10.0	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	−7.2	3.6	8.1	153.3	0.848	0.977	0.886	93.0	−7.9	7.9	11.2	135.0	4.6	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	−3.7	−4.5	5.8	230.7	0.861	0.955	0.974	91.8	−4.9	−5.9	7.7	230.0	2.1	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: delta 9.3

1−1032630−F0 RE730−7N, Page 27/33−F

TUB-test chart RE73; 1080 standard colours, cf=0,9
colors and differences, $\Delta E'^{*}$

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

1−1032630−F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 28/33

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				
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	53.8	35.9	64.7	33.7	0.919	0.046	0.115	46.9	59.8	39.9	71.9	33.7	7.1	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	53.4	31.6	62.1	30.6	0.912	0.049	0.178	46.6	59.3	34.8	68.8	30.4	6.7	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	53.3	25.9	59.3	25.9	0.905	0.052	0.26	46.2	59.2	27.9	65.4	25.2	6.1	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	54.1	18.1	57.1	18.5	0.896	0.059	0.365	45.9	60.1	19.6	63.3	18.0	6.2	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	56.1	10.9	57.1	11.0	0.893	0.065	0.48	45.8	62.3	12.1	63.5	11.0	6.3	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	58.6	3.8	58.8	3.7	0.896	0.072	0.582	46.2	65.0	4.7	65.1	4.1	6.3	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	61.2	−3.5	61.3	356.7	0.895	0.071	0.68	46.2	67.7	−3.0	67.7	357.3	6.4	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	63.0	−8.4	63.6	352.3	0.896	0.082	0.759	47.1	70.0	−9.2	70.6	352.4	7.0	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	63.3	−9.8	64.1	351.1	0.9	0.088	0.793	47.7	70.4	−10.9	71.2	351.1	7.1	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	49.4	48.1	69.0	44.2	0.93	0.133	0.088	52.8	54.4	54.4	77.0	44.9	8.0	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	47.1	31.4	56.6	33.7	0.919	0.16	0.292	51.9	56.5	48.1	74.2	40.4	19.1	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	46.7	27.0	54.0	30.0	0.908	0.163	0.339	51.2	58.6	37.8	69.8	32.8	16.1	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	46.7	21.1	51.3	24.3	0.896	0.167	0.409	50.6	61.4	27.3	67.2	23.9	16.0	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	48.0	13.5	49.9	15.7	0.886	0.171	0.51	50.2	63.8	18.9	66.5	16.5	16.7	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	50.5	5.7	50.8	6.4	0.891	0.174	0.606	49.2	68.3	7.9	68.8	6.6	18.2	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	53.0	−1.5	53.1	358.2	0.889	0.174	0.693	49.5	70.7	−1.3	70.7	358.9	17.8	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	55.0	−6.9	55.4	352.7	0.9	0.182	0.772	50.1	72.3	−9.0	72.9	352.9	17.7	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	55.4	−8.6	56.1	351.1	0.907	0.188	0.803	52.0	67.1	−11.4	68.1	350.2	12.1	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	37.2	54.8	66.3	55.7	0.948	0.241	0.093	60.3	39.3	61.7	73.2	57.4	7.2	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	42.1	43.3	60.4	45.8	0.981	0.232	0.249	59.8	40.4	56.4	69.4	54.3	13.2	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	40.3	26.9	48.5	33.7	0.953	0.272	0.426	60.0	41.1	45.8	61.6	48.0	18.9	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	40.0	22.5	46.0	29.4	0.938	0.27	0.468	58.5	45.7	33.6	56.8	36.3	12.4	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	40.4	15.8	43.4	21.4	0.922	0.269	0.538	57.4	49.7	23.6	55.1	25.4	12.2	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	42.0	8.2	42.8	11.0	0.915	0.269	0.626	57.5	52.7	11.5	54.0	12.3	11.2	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	44.8	0.7	44.8	1.0	0.921	0.271	0.711	57.7	55.9	0.2	55.9	0.2	11.2	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	46.9	−5.3	47.2	353.4	0.926	0.277	0.789	59.2	57.3	−9.9	58.2	350.1	11.3	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	47.5	−7.3	48.0	351.1	0.93	0.284	0.819	61.1	53.8	−11.8	55.1	347.5	7.8	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	25.3	60.7	65.8	67.3	0.963	0.381	0.089	66.7	27.3	67.8	73.1	68.0	7.3	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	29.7	49.3	57.6	58.8	0.989	0.367	0.247	66.4	28.1	60.2	66.5	64.9	11.0	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	34.7	37.9	51.4	47.4	1.0	0.353	0.372	66.1	29.7	50.4	58.5	59.4	13.5	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	33.6	22.4	40.4	33.7	0.977	0.379	0.531	66.1	31.7	37.5	49.1	49.7	15.1	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	33.4	17.7	37.8	28.0	0.959	0.381	0.573	65.7	34.6	26.6	43.6	37.5	8.9	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	33.9	10.7	35.6	17.5	0.941	0.382	0.643	65.3	38.4	15.5	41.4	22.0	6.6	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	36.4	2.9	36.5	4.6	0.941	0.386	0.725	65.7	41.3	4.3	41.5	5.9	5.1	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	38.8	−3.5	38.9	354.7	0.942	0.387	0.802	66.1	45.0	−6.8	45.5	351.3	7.0	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	39.6	−6.1	40.0	351.1	0.947	0.394	0.837	67.2	45.2	−10.7	46.5	346.6	7.3	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	15.4	65.5	67.3	76.7	0.974	0.501	0.107	72.2	17.1	72.8	74.8	76.7	7.4	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	18.9	54.8	58.0	70.9	0.999	0.49	0.218	72.6	16.6	65.9	68.0	75.8	11.3	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	22.3	44.0	49.4	63.1	1.0	0.483	0.343	72.5	18.4	51.3	54.5	70.2	8.3	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	26.7	32.7	42.3	50.8	1.0	0.465	0.477	72.5	20.2	40.5	45.3	63.5	10.2	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	26.9	17.9	32.3	33.7	0.994	0.477	0.618	72.9	21.9	30.1	37.2	53.8	13.1	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	26.6	12.9	29.6	25.9	0.971	0.482	0.659	73.3	24.7	18.2	30.7	36.3	5.9	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	28.0	5.4	28.5	11.0	0.956	0.489	0.729	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	30.6	−1.7	30.6	356.7	0.955	0.493	0.809	72.8	34.3	−5.5	34.8	350.7	5.5	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	31.6	−4.9	32.0	351.1	0.962	0.501	0.849	73.3	35.3	−9.3	36.5	345.2	5.8	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	8.6	69.2	69.8	82.8	0.98	0.606	0.113	76.0	10.3	76.7	77.4	82.3	7.6	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	10.0	59.4	60.2	80.4	1.0	0.615	0.221	77.4	8.3	69.4	69.9	83.1	10.1	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	11.5	49.1	50.4	76.7	1.0	0.621	0.332	77.8	9.2	56.1	56.8	80.6	7.4	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	15.0	38.3	41.2	68.6	1.0	0.603	0.448	78.0	10.9	43.6	44.9	75.8	6.6	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	18.6	27.4	33.1	55.7	1.0	0.582	0.566	78.6	12.5	32.9	35.2	69.1	8.2	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	20.1	13.4	24.2	33.7	1.0	0.593	0.701	79.2	14.8	22.0	26.5	55.9	10.1	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	20.2	7.9	21.7	21.4	0.98	0.602	0.748	79.2	19.0	9.5	21.3	26.5	2.6	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	22.4	0.3	22.4	1.0	0.97	0.603	0.821	79.7	23.5	−3.1	23.7	352.4	4.3	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	23.7	−3.6	24.0	351.1	0.973	0.608	0.865	79.7	25.7	−7.7	26.9	343.2	4.8	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	−1.6	70.9	70.9	91.3	0.978	0.75	0.096	82.7	−1.0	79.6	79.6	90.7	8.6	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	62.4	62.4	89.6	1.0	0.749	0.205	83.4	−0.8	67.1	67.1	90.7	4.8	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	3.4	52.8	52.9	86.2	1.0	0.739	0.35	83.5	0.0	59.2	59.2	90.0	7.3	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	6.0	43.0	43.4	81.9	1.0	0.719	0.479	83.5	1.5	49.4	49.4	88.1	7.8	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	7.7	32.7	33.6	76.7	1.0	0.725	0.588	84.2	2.3	40.9	41.0	86.7	9.8	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	11.1	22.0	24.7	63.1	1.0	0.705	0.676	84.4	5.6	28.2	28.8	78.7	8.3	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	13.4	8.9	16.1	33.7	1.0	0.709	0.788	86.0	7.8	14.4	16.4	61.3	8.0	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	14.0	2.7	14.2	11.0	0.979	0.722	0.84	85.3	14.3	1.0	14.3	4.2	2.3	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	15.8	−2.4	16.0	351.1	0.98	0.729	0.911	85.7	16.8	−5.8	17.8	340.7	3.9	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	−6.7	67.0	67.4	95.7	0.996	0.867	0.128	86.9	−7.0	73.8	74.1	95.4	6.7	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	−5.2	58.4	58.6	95.1	1.0	0.886	0.25	87.4	−6.9	67.0	67.3	95.9	8.7	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	−3.9	50.6	50.8	94.5	1.0	0.874	0.337	87.6	−5.7	57.1	57.4	95.7	6.8	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	−2.4	43.0	43.1	93.2	1.0	0.874	0.488	87.8	−4.3	48.8	49.0	95.1	6.2	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	−0.8	35.4	35.4	91.3	1.0	0.874	0.618	88.1	−3.1	41.3	41.5	94.4	6.5	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	1.7	26.4	26.4	86.2	1.0	0.842	0.696	88.8	−1.7	32.9	33.0	93.0	7.5	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	3.8	16.3	16.8	76.7	1.0	0.833	0.789	91.4	−1.9	21.4	21.5	95.1	7.8	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	6.7	4.4	8.0	33.7	1.0	0.847	0.903	91.1	3.3	8.2	8.9	67.7	5.1	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	7.9	−1.2	8.0	351.1	0.986	0.847	0.964	91.9	7.5	−3.1	8.1	337.3	2.5	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	−13.0	75.7	76.8	99.7	1.0	0.994	0.125	91.3	−14.4	84.1	85.4	99.7	8.5	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	−11.4	66.2	67.2	99.7	1.0	0.998	0.2	91.4	−14.0	76.1	77.4	100.4	10.2	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	−9.7	56.8	57.6	99.7	1.0	0.986	0.333	91.6	−12.3	62.3	63.5	101.2	6.2	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	−8.1	47.3	48.0	99.7	1.0	0.98	0.497	92.7	−12.6	55.0	56.5	102.9	8.9	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	−6.5	37.8	38.4	99.7	1.0	0.979	0.623	93.3	−11.7	47.0	48.4	104.0	10.5	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	−4.8	28.4	28.8	99.7	1.0	0.94	0.746	93.9	−10.4	38.4	39.8	105.2	11.5	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	−3.2	18.9	19.2	99.7	1.0	0.96	0.86	95.2	−9.8	29.8	31.4	108.3	12.7	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	−1.6	9.4	9.6	99.7	1.0	0.979	0.932	95.7	−6.4	17.8	19.0	109.9	9.7	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 8.8

1-1032730-F0 RE730-7N, Page 28/33-F

TUB-test chart RE73; 1080 standard colours, cf=0,9
colors and differences, $\Delta E'*$

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

1-1032730-F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.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	−3.7	−4.5	5.8	230.7	0.861	0.955	0.974	91.7	−4.9	−6.4	8.1	232.3	2.4	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	−7.4	−9.0	11.7	230.7	0.722	0.865	0.866	86.0	−8.7	−13.6	16.2	237.3	4.7	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	−11.1	−13.6	17.6	230.7	0.591	0.838	0.844	81.3	−11.7	−18.6	22.0	237.8	5.2	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	−14.8	−18.1	23.4	230.7	0.483	0.816	0.824	75.3	−15.3	−24.9	29.2	238.3	6.7	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	−18.5	−22.7	29.3	230.7	0.37	0.808	0.809	69.6	−19.0	−29.6	35.2	237.2	6.9	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	−22.2	−27.2	35.2	230.7	0.237	0.827	0.821	61.9	−25.1	−34.5	42.7	233.9	8.0	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	−25.9	−31.8	41.0	230.7	0.129	0.793	0.813	55.9	−29.4	−38.7	48.6	232.6	8.1	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	−29.6	−36.3	46.9	230.7	0.052	0.749	0.749	52.7	−31.6	−41.0	51.8	232.3	5.0	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	6.7	4.4	8.0	33.7	1.0	0.847	0.903	91.5	3.3	7.1	7.9	64.7	4.5	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	−3.7	−4.5	5.8	230.7	0.72	0.793	0.808	87.2	−6.4	−8.9	11.0	234.3	8.2	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	−7.4	−9.0	11.7	230.7	0.589	0.733	0.732	82.9	−10.9	−15.8	19.2	235.3	10.6	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	−11.1	−13.6	17.6	230.7	0.473	0.703	0.706	77.3	−15.0	−20.9	25.7	234.2	11.0	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	−14.8	−18.1	23.4	230.7	0.367	0.682	0.683	71.4	−18.1	−27.1	32.6	236.2	11.6	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	−18.5	−22.7	29.3	230.7	0.238	0.693	0.674	66.2	−22.2	−29.9	37.2	233.4	10.6	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	−22.2	−27.2	35.2	230.7	0.137	0.642	0.625	59.6	−28.7	−33.0	43.8	228.9	10.4	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	−25.9	−31.8	41.0	230.7	0.044	0.559	0.571	52.3	−33.3	−39.4	51.6	229.7	11.2	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	13.4	8.9	16.1	33.7	1.0	0.709	0.788	86.8	8.2	10.5	13.3	52.0	6.1	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	6.7	4.4	8.0	33.7	0.864	0.73	0.769	82.6	5.3	5.9	8.0	48.0	3.2	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	−3.7	−4.5	5.8	230.7	0.585	0.656	0.653	77.1	−6.4	−9.7	11.7	236.4	8.5	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	−7.4	−9.0	11.7	230.7	0.473	0.605	0.591	73.5	−12.3	−15.9	20.1	232.2	11.6	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	−11.1	−13.6	17.6	230.7	0.365	0.58	0.576	67.9	−16.2	−21.9	27.3	233.4	12.5	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	−14.8	−18.1	23.4	230.7	0.264	0.569	0.545	61.8	−19.2	−26.5	32.8	234.0	11.9	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	−18.5	−22.7	29.3	230.7	0.146	0.542	0.497	57.4	−25.2	−31.0	40.0	230.7	13.4	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	−22.2	−27.2	35.2	230.7	0.046	0.473	0.451	51.8	−36.0	−36.8	51.5	225.6	18.5	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	20.1	13.4	24.2	33.7	1.0	0.593	0.701	80.3	14.1	18.2	23.0	52.3	8.1	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	13.4	8.9	16.1	33.7	0.872	0.604	0.686	77.1	9.1	13.1	16.0	55.3	6.8	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	6.7	4.4	8.0	33.7	0.73	0.594	0.631	74.2	5.0	6.1	7.9	50.5	4.7	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	−3.7	−4.5	5.8	230.7	0.469	0.534	0.526	67.3	−6.7	−12.0	13.7	240.7	10.2	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	−7.4	−9.0	11.7	230.7	0.366	0.489	0.475	63.7	−12.3	−16.5	20.6	233.2	12.0	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	−11.1	−13.6	17.6	230.7	0.273	0.47	0.447	57.5	−15.3	−23.1	27.7	236.4	12.7	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	−14.8	−18.1	23.4	230.7	0.157	0.432	0.398	53.6	−21.0	−28.9	35.7	233.9	15.3	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	−18.5	−22.7	29.3	230.7	0.025	0.356	0.337	50.0	−32.3	−36.5	48.7	228.5	22.2	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	26.9	17.9	32.3	33.7	0.994	0.477	0.618	73.9	21.5	24.9	32.9	49.2	9.1	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	20.1	13.4	24.2	33.7	0.865	0.462	0.587	71.2	15.4	18.7	24.3	50.4	7.8	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	13.4	8.9	16.1	33.7	0.734	0.457	0.541	67.5	9.5	13.1	16.2	53.8	6.6	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	6.7	4.4	8.0	33.7	0.586	0.445	0.475	62.4	5.6	4.9	7.5	41.3	2.5	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	−3.7	−4.5	5.8	230.7	0.357	0.417	0.406	56.5	−6.8	−11.7	13.6	239.7	9.6	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	−7.4	−9.0	11.7	230.7	0.281	0.381	0.363	52.9	−12.7	−19.0	22.9	236.1	13.5	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	−11.1	−13.6	17.6	230.7	0.164	0.341	0.321	49.0	−15.8	−25.8	30.3	238.4	15.9	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	−14.8	−18.1	23.4	230.7	0.0	0.248	0.226	45.7	−23.5	−33.2	40.7	234.6	20.6	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	33.6	22.4	40.4	33.7	0.977	0.379	0.531	66.4	31.1	36.2	47.8	49.3	14.0	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	26.9	17.9	32.3	33.7	0.854	0.342	0.474	64.9	22.3	25.6	34.0	48.8	9.4	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	20.1	13.4	24.2	33.7	0.732	0.329	0.439	60.3	16.4	18.7	24.9	48.7	6.9	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	13.4	8.9	16.1	33.7	0.594	0.328	0.384	54.7	11.4	12.4	16.9	47.5	4.1	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	6.7	4.4	8.0	33.7	0.464	0.333	0.351	50.8	6.1	4.2	7.4	34.6	0.9	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	−3.7	−4.5	5.8	230.7	0.265	0.315	0.303	46.6	−8.3	−14.6	16.8	240.2	12.5	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	−7.4	−9.0	11.7	230.7	0.172	0.27	0.253	45.1	−12.7	−21.2	24.7	239.1	16.3	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	−11.1	−13.6	17.6	230.7	0.003	0.166	0.162	42.3	−19.4	−26.3	32.7	233.5	19.5	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	40.3	26.9	48.5	33.7	0.953	0.272	0.426	60.8	39.5	44.8	59.7	48.5	17.9	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	33.6	22.4	40.4	33.7	0.835	0.227	0.365	59.5	30.6	34.2	45.9	48.1	12.7	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	26.9	17.9	32.3	33.7	0.721	0.221	0.334	53.7	24.1	26.8	36.0	47.9	9.4	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	20.1	13.4	24.2	33.7	0.59	0.222	0.297	48.4	17.9	21.7	28.1	50.3	8.5	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	13.4	8.9	16.1	33.7	0.463	0.22	0.27	44.8	12.0	14.3	18.7	50.0	5.6	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	6.7	4.4	8.0	33.7	0.34	0.229	0.246	41.3	7.8	6.5	10.2	39.8	2.6	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	−3.7	−4.5	5.8	230.7	0.142	0.19	0.183	38.0	−9.2	−15.1	17.7	238.6	13.9	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	−7.4	−9.0	11.7	230.7	0.0	0.125	0.125	38.1	−13.7	−19.6	24.0	234.9	17.6	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	47.1	31.4	56.6	33.7	0.919	0.16	0.292	52.6	54.8	46.0	71.6	39.9	16.5	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	40.3	26.9	48.5	33.7	0.811	0.132	0.256	51.7	44.6	41.2	60.8	42.7	15.1	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	33.6	22.4	40.4	33.7	0.702	0.124	0.229	46.7	34.1	31.6	46.5	42.8	9.3	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	26.9	17.9	32.3	33.7	0.567	0.12	0.207	42.1	28.6	29.5	41.1	45.9	11.7	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	20.1	13.4	24.2	33.7	0.437	0.105	0.177	39.0	21.0	22.9	31.1	47.4	9.5	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	13.4	8.9	16.1	33.7	0.328	0.107	0.158	36.5	13.1	16.3	20.9	51.2	7.7	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	6.7	4.4	8.0	33.7	0.239	0.133	0.152	32.5	7.7	9.2	12.0	49.9	5.4	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	−3.7	−4.5	5.8	230.7	0.0	0.038	0.029	32.2	−9.1	−12.3	15.4	233.4	14.8	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	53.8	35.9	64.7	33.7	0.919	0.046	0.115	47.0	58.3	38.5	69.9	33.4	5.2	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	47.1	31.4	56.6	33.7	0.793	0.042	0.084	41.9	52.7	32.2	61.8	31.4	5.8	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	40.3	26.9	48.5	33.7	0.656	0.037	0.098	38.7	47.8	30.7	56.8	32.7	8.3	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	33.6	22.4	40.4	33.7	0.515	0.025	0.086	34.8	43.3	28.8	52.0	33.6	11.6	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	26.9	17.9	32.3	33.7	0.391	0.007	0.053	32.2	36.6	25.6	44.7	35.0	12.3	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	20.1	13.4	24.2	33.7	0.296	0.0	0.026	30.5	26.6	20.4	33.6	37.4	9.8	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	13.4	8.9	16.1	33.7	0.194	0.0	0.0	29.1	14.8	15.1	21.2	45.5	8.1	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	6.7	4.4	8.0	33.7	0.096	0.0	0.0	25.6	7.4	8.6	11.4	49.4	6.9	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 9.1

1−1032830−F0 RE730−7N, Page 29/33−F

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
colors and differences, $\Delta E'^*$

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

1−1032830−F0

TUB registration: 20150701-RE73/RE73L0FP.PDF /.PS
application for measurement of laser printer output, separation cmyn6* (CMYK)
TUB material: code=rha4ta

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	2.7	−4.8	5.6	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	5.5	−9.7	11.2	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	8.3	−14.6	16.8	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	11.0	−19.5	22.4	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	13.8	−24.4	28.0	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	16.6	−29.2	33.6	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	19.4	−34.1	39.2	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	22.1	−39.0	44.9	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	−1.6	9.4	9.6	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	2.7	−4.8	5.6	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	5.5	−9.7	11.2	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	8.3	−14.6	16.8	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	11.0	−19.5	22.4	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	13.8	−24.4	28.0	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	16.6	−29.2	33.6	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	19.4	−34.1	39.2	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	−3.2	18.9	19.2	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	−1.6	9.4	9.6	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	2.7	−4.8	5.6	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	5.5	−9.7	11.2	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	8.3	−14.6	16.8	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	11.0	−19.5	22.4	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	13.8	−24.4	28.0	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	16.6	−29.2	33.6	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	−4.8	28.4	28.8	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	−3.2	18.9	19.2	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	−1.6	9.4	9.6	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	2.7	−4.8	5.6	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	5.5	−9.7	11.2	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	8.3	−14.6	16.8	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	11.0	−19.5	22.4	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	13.8	−24.4	28.0	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	−6.5	37.8	38.4	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	−4.8	28.4	28.8	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	−3.2	18.9	19.2	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	−1.6	9.4	9.6	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	2.7	−4.8	5.6	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	5.5	−9.7	11.2	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	8.3	−14.6	16.8	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	11.0	−19.5	22.4	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	−8.1	47.3	48.0	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	−6.5	37.8	38.4	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	−4.8	28.4	28.8	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	−3.2	18.9	19.2	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	−1.6	9.4	9.6	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	2.7	−4.8	5.6	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	5.5	−9.7	11.2	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	8.3	−14.6	16.8	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	−9.7	56.8	57.6	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	−8.1	47.3	48.0	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	−6.5	37.8	38.4	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	−4.8	28.4	28.8	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	−3.2	18.9	19.2	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	−1.6	9.4	9.6	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	2.7	−4.8	5.6	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	5.5	−9.7	11.2	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	−11.4	66.2	67.2	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	−9.7	56.8	57.6	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	−8.1	47.3	48.0	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	−6.5	37.8	38.4	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	−4.8	28.4	28.8	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	−3.2	18.9	19.2	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	−1.6	9.4	9.6	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	2.7	−4.8	5.6	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	−13.0	75.7	76.8	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	−11.4	66.2	67.2	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	−9.7	56.8	57.6	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	−8.1	47.3	48.0	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	−6.5	37.8	38.4	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	−4.8	28.4	28.8	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	−3.2	18.9	19.2	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	−1.6	9.4	9.6	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	0.869	0.849	0.945	89.7	2.2	−7.0	7.4	287.3	2.7	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
812	0.787	0.738	0.889	80.8	3.4	−15.0	15.4	283.0	5.6	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
813	0.668	0.62	0.841	70.2	7.3	−21.9	23.1	288.4	7.6	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
814	0.562	0.505	0.81	58.2	11.4	−29.9	32.0	290.8	11.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
815	0.474	0.407	0.799	48.3	17.2	−35.3	39.3	295.9	13.7	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
816	0.343	0.275	0.773	39.0	21.9	−40.2	45.8	298.6	15.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
817	0.195	0.138	0.725	35.2	22.8	−42.3	48.0	298.3	9.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
818	0.065	0.05	0.749	31.2	24.1	−44.0	50.2	298.6	5.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
819	1.0	0.979	0.932	95.8	−5.8	15.9	17.0	110.2	7.7	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	0.737	0.81	81.8	2.2	−9.9	10.2	282.9	6.2	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
822	0.642	0.603	0.736	72.8	5.8	−17.5	18.4	288.6	8.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
823	0.546	0.49	0.711	63.0	9.5	−26.2	27.9	290.0	11.6	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
824	0.445	0.38	0.685	50.8	15.3	−34.1	37.4	294.1	15.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
825	0.31	0.243	0.639	41.3	19.7	−39.5	44.2	296.5	16.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
826	0.189	0.129	0.594	36.2	20.9	−42.3	47.2	296.2	13.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
827	0.065	0.018	0.491	29.5	26.1	−43.9	51.1	300.7	11.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
828	1.0	0.96	0.86	95.3	−9.1	27.1	28.6	108.6	10.1	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
829	0.854	0.828	0.77	90.0	−4.8	14.2	15.0	108.6	7.2	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	0.591	0.647	71.9	3.1	−10.9	11.4	285.8	7.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
832	0.521	0.478	0.597	62.3	5.6	−17.7	18.5	287.6	8.2	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
833	0.427	0.368	0.56	52.4	8.6	−25.5	27.0	288.5	10.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
834	0.316	0.249	0.52	45.8	13.6	−31.8	34.6	293.2	12.6	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
835	0.199	0.133	0.495	39.3	16.0	−38.4	41.6	292.6	14.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
836	0.051	0.0	0.405	28.0	26.1	−44.6	51.7	300.3	18.0	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
837	1.0	0.94	0.746	93.8	−9.3	34.8	36.0	104.9	7.8	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
838	0.85	0.821	0.681	89.6	−6.3	25.9	26.7	103.7	8.9	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
839	0.722	0.697	0.624	81.5	−3.5	11.4	11.9	107.2	6.4	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	0.473	0.524	61.9	3.4	−12.7	13.1	285.1	8.6	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
842	0.403	0.355	0.468	51.6	6.0	−20.6	21.4	286.2	10.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
843	0.31	0.253	0.424	44.5	9.9	−26.9	28.7	290.2	12.6	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
844	0.207	0.135	0.398	38.7	15.0	−33.3	36.5	294.3	15.0	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
845	0.047	0.0	0.327	27.1	26.2	−45.2	52.3	300.0	24.2	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
846	1.0	0.979	0.623	93.3	−11.0	43.8	45.2	104.0	7.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
847	0.842	0.81	0.575	89.1	−7.9	36.6	37.5	102.2	10.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
848	0.705	0.671	0.519	81.6	−7.0	26.6	27.5	104.8	10.8	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
849	0.579	0.548	0.462	72.3	−4.0	10.1	10.9	111.5	7.1	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	0.348	0.395	50.0	3.5	−14.5	14.9	283.7	9.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
852	0.298	0.254	0.351	42.3	6.9	−22.6	23.6	287.0	13.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
853	0.194	0.137	0.308	36.7	10.6	−28.1	30.0	290.7	14.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
854	0.052	0.0	0.25	30.2	19.3	−39.1	43.6	296.2	22.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
855	1.0	0.98	0.497	92.7	−12.4	54.2	55.6	102.8	8.1	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
856	0.832	0.795	0.459	88.3	−10.2	48.6	49.6	101.8	12.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
857	0.696	0.652	0.407	81.4	−8.3	36.9	37.8	102.7	11.6	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
858	0.577	0.529	0.363	72.3	−6.9	25.7	26.7	105.1	10.6	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
859	0.463	0.431	0.344	61.3	−4.3	10.6	11.4	112.2	6.3	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	0.255	0.299	40.8	3.5	−15.9	16.3	282.4	11.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
862	0.179	0.138	0.235	33.3	6.2	−23.8	24.6	284.5	14.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
863	0.0	0.0	0.125	29.4	10.6	−29.8	31.7	289.6	17.0	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
864	1.0	0.986	0.333	91.6	−12.5	62.7	64.0	101.2	6.6	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
865	0.818	0.787	0.335	88.7	−11.2	59.9	61.0	100.6	14.1	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
866	0.686	0.637	0.297	81.5	−10.9	49.8	51.0	102.3	14.9	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
867	0.569	0.515	0.27	72.2	−9.5	38.6	39.8	103.8	13.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
868	0.459	0.407	0.254	62.1	−7.7	26.3	27.4	106.2	11.1	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
869	0.343	0.316	0.24	51.0	−5.5	13.5	14.6	112.4	7.7	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	0.167	0.141	0.189	31.3	3.2	−15.3	15.7	282.0	10.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
872	0.0	0.0	0.086	25.0	5.8	−23.0	23.8	284.2	14.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
873	1.0	0.998	0.2	91.4	−14.0	76.2	77.5	100.4	10.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
874	0.796	0.776	0.225	88.8	−12.6	77.4	78.4	99.2	21.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
875	0.671	0.627	0.205	81.1	−12.1	67.9	69.0	100.1	22.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
876	0.557	0.507	0.185	71.5	−11.1	55.8	56.9	101.3	20.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
877	0.436	0.384	0.166	61.5	−9.6	42.6	43.6	102.7	16.5	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
878	0.333	0.295	0.154	52.3	−8.3	31.2	32.2	104.9	15.1	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
879	0.251	0.233	0.163	40.4	−5.0	15.7	16.4	107.7	8.5	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	0.045	26.1	5.8	−13.2	14.4	293.7	11.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
882	1.0	0.994	0.125	91.2	−14.4	84.3	85.5	99.7	8.6	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
883	0.772	0.77	0.151	90.1	−13.2	90.5	91.5	98.3	25.6	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
884	0.654	0.625	0.129	81.7	−13.1	82.2	83.3	99.0	27.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
885	0.548	0.511	0.105	68.5	−11.5	68.1	69.1	99.6	21.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
886	0.431	0.388	0.086	57.4	−9.8	56.0	56.9	99.9	18.8	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
887	0.33	0.293	0.073	49.9	−9.7	43.6	44.7	102.6	16.9	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
888	0.237	0.209	0.061	41.7	−7.8	32.1	33.0	103.8	15.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
889	0.125	0.127	0.051	31.8	−4.5	15.8	16.4	106.1	9.2	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** **11.4**

1−1032930−F0

RE730−7N, Page 30/33−F

TUB-test chart RE73; 1080 standard colours, cf=0,9
colors and differences, $\Delta E'^*$

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

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 31/33

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				
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	7.9	-1.2	8.0	351.1	0.986	0.847	0.964	91.5	8.3	-3.4	9.0	337.6	2.5	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	15.8	-2.4	16.0	351.1	0.98	0.729	0.911	85.9	16.6	-5.8	17.6	340.7	3.9	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	23.7	-3.6	24.0	351.1	0.973	0.608	0.865	79.7	25.5	-7.5	26.6	343.4	4.5	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	31.6	-4.9	32.0	351.1	0.962	0.501	0.849	73.7	34.3	-9.0	35.5	345.2	5.2	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	39.6	-6.1	40.0	351.1	0.947	0.394	0.837	66.9	45.3	-10.4	46.4	347.0	7.1	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	47.5	-7.3	48.0	351.1	0.93	0.284	0.819	59.7	54.9	-11.4	56.1	348.2	8.4	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	55.4	-8.6	56.1	351.1	0.907	0.188	0.803	51.3	68.0	-10.7	68.8	351.0	13.0	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	63.3	-9.8	64.1	351.1	0.9	0.088	0.793	46.9	70.2	-10.2	70.9	351.7	6.9	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	-7.2	3.6	8.1	153.3	0.848	0.977	0.886	92.7	-8.0	7.2	10.8	138.0	4.0	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	7.9	-1.2	8.0	351.1	0.85	0.73	0.816	83.4	10.0	-5.8	11.5	329.8	5.9	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	15.8	-2.4	16.0	351.1	0.847	0.616	0.787	77.2	19.4	-8.2	21.1	336.9	7.5	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	23.7	-3.6	24.0	351.1	0.838	0.496	0.758	70.7	28.4	-10.6	30.4	339.4	8.8	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	31.6	-4.9	32.0	351.1	0.832	0.378	0.737	64.3	38.1	-12.7	40.2	341.4	10.4	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	39.6	-6.1	40.0	351.1	0.813	0.252	0.72	57.5	47.6	-13.8	49.6	343.8	11.2	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	47.5	-7.3	48.0	351.1	0.791	0.166	0.701	49.9	59.6	-15.7	61.6	345.2	14.7	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	55.4	-8.6	56.1	351.1	0.794	0.067	0.69	43.7	64.2	-13.3	65.6	348.2	10.0	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	-14.5	7.3	16.2	153.3	0.691	0.956	0.76	88.6	-14.9	13.1	19.9	138.7	6.4	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	-7.2	3.6	8.1	153.3	0.706	0.808	0.73	87.1	-10.6	9.1	14.0	139.5	8.7	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	7.9	-1.2	8.0	351.1	0.717	0.598	0.68	72.8	10.1	-6.4	11.9	327.5	6.2	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	15.8	-2.4	16.0	351.1	0.711	0.475	0.651	66.5	19.6	-8.9	21.6	335.5	7.9	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	23.7	-3.6	24.0	351.1	0.701	0.346	0.621	59.3	28.7	-10.4	30.6	340.0	8.5	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	31.6	-4.9	32.0	351.1	0.676	0.239	0.591	52.7	39.3	-12.5	41.2	342.3	10.8	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	39.6	-6.1	40.0	351.1	0.658	0.147	0.579	45.6	50.5	-12.7	52.1	345.8	12.8	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	47.5	-7.3	48.0	351.1	0.644	0.053	0.562	38.7	57.7	-13.3	59.2	347.0	11.9	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	-21.8	10.9	24.4	153.3	0.561	0.967	0.628	83.5	-20.9	16.0	26.4	142.5	5.8	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	-14.5	7.3	16.2	153.3	0.557	0.776	0.585	82.3	-17.1	13.2	21.6	142.2	9.0	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	-7.2	3.6	8.1	153.3	0.568	0.66	0.561	76.8	-10.3	6.0	11.9	149.7	6.8	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	7.9	-1.2	8.0	351.1	0.577	0.451	0.531	63.1	10.7	-7.2	12.9	326.2	7.2	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	15.8	-2.4	16.0	351.1	0.564	0.329	0.492	55.7	20.3	-9.3	22.3	335.1	8.4	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	23.7	-3.6	24.0	351.1	0.547	0.225	0.465	49.1	31.0	-11.5	33.1	339.6	10.7	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	31.6	-4.9	32.0	351.1	0.529	0.133	0.449	41.8	41.5	-11.4	43.0	344.6	11.8	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	39.6	-6.1	40.0	351.1	0.499	0.038	0.43	34.8	51.0	-11.4	52.3	347.3	12.6	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	-29.1	14.6	32.5	153.3	0.462	0.986	0.516	77.5	-27.9	17.5	32.9	147.8	3.6	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	-21.8	10.9	24.4	153.3	0.437	0.766	0.459	76.5	-26.1	15.3	30.3	149.6	8.3	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	-14.5	7.3	16.2	153.3	0.446	0.642	0.444	72.0	-17.1	10.7	20.2	147.9	7.3	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	-7.2	3.6	8.1	153.3	0.457	0.541	0.44	66.9	-10.3	4.9	11.4	154.1	6.6	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	7.9	-1.2	8.0	351.1	0.454	0.336	0.403	51.4	11.3	-7.5	13.5	326.2	7.2	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	15.8	-2.4	16.0	351.1	0.429	0.223	0.361	45.3	22.2	-9.7	24.2	336.4	9.7	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	23.7	-3.6	24.0	351.1	0.403	0.123	0.335	38.9	32.1	-9.7	33.5	343.0	10.3	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	31.6	-4.9	32.0	351.1	0.369	0.015	0.312	31.9	42.0	-9.0	43.0	347.8	11.1	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	-36.4	18.2	40.7	153.3	0.348	0.907	0.386	70.5	-37.5	22.9	44.0	148.5	4.8	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	-29.1	14.6	32.5	153.3	0.341	0.767	0.356	71.7	-34.8	19.7	40.0	150.4	9.7	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	-21.8	10.9	24.4	153.3	0.35	0.64	0.341	66.0	-26.1	14.4	29.8	151.0	7.5	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	-14.5	7.3	16.2	153.3	0.35	0.532	0.333	60.5	-19.6	8.7	21.5	155.9	6.9	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	-7.2	3.6	8.1	153.3	0.349	0.427	0.33	54.5	-10.3	4.1	11.1	158.0	4.6	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	7.9	-1.2	8.0	351.1	0.332	0.23	0.292	40.3	12.3	-7.3	14.4	329.2	7.6	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	15.8	-2.4	16.0	351.1	0.312	0.126	0.255	35.5	23.4	-8.7	25.0	339.5	9.9	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	23.7	-3.6	24.0	351.1	0.278	0.0	0.216	30.1	32.8	-8.3	33.8	345.8	10.4	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	-43.6	21.9	48.8	153.3	0.261	0.871	0.273	64.1	-48.0	26.9	55.1	150.7	6.8	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	-36.4	18.2	40.7	153.3	0.251	0.78	0.267	66.6	-44.3	25.5	51.2	150.0	12.3	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	-29.1	14.6	32.5	153.3	0.262	0.661	0.255	60.1	-33.9	18.3	38.5	151.5	7.4	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	-21.8	10.9	24.4	153.3	0.268	0.54	0.244	54.4	-28.3	13.3	31.3	154.7	7.7	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	-14.5	7.3	16.2	153.3	0.261	0.427	0.238	48.5	-21.0	9.4	23.1	155.7	7.3	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	-7.2	3.6	8.1	153.3	0.259	0.334	0.241	43.9	-11.5	4.3	12.2	159.4	5.0	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	7.9	-1.2	8.0	351.1	0.225	0.13	0.19	32.1	12.3	-6.1	13.8	333.6	6.8	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	15.8	-2.4	16.0	351.1	0.25	0.0	0.148	28.7	21.1	-7.1	22.3	341.2	8.4	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	-50.9	25.5	57.0	153.3	0.166	0.856	0.176	58.3	-58.5	31.2	66.4	151.9	9.7	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	-43.6	21.9	48.8	153.3	0.132	0.754	0.138	60.7	-54.7	30.8	62.8	150.6	15.1	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	-36.4	18.2	40.7	153.3	0.153	0.63	0.138	56.0	-42.5	22.9	48.3	151.6	9.4	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	-29.1	14.6	32.5	153.3	0.153	0.511	0.121	50.8	-36.8	18.7	41.3	153.0	10.1	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	-21.8	10.9	24.4	153.3	0.151	0.384	0.112	44.9	-29.5	13.4	32.4	155.6	9.0	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	-14.5	7.3	16.2	153.3	0.09	0.255	0.072	39.3	-22.8	8.0	24.2	160.5	8.9	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	-7.2	3.6	8.1	153.3	0.122	0.202	0.113	36.5	-11.2	5.2	12.4	154.9	6.8	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	7.9	-1.2	8.0	351.1	0.069	0.0	0.039	25.8	10.7	-3.7	11.3	340.6	6.7	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	-58.2	29.2	65.1	153.3	0.091	0.807	0.074	56.2	-63.4	34.4	72.2	151.4	7.4	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	-50.9	25.5	57.0	153.3	0.103	0.659	0.07	53.3	-69.2	32.4	76.4	154.8	19.7	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	-43.6	21.9	48.8	153.3	0.105	0.541	0.059	51.4	-70.2	30.8	76.7	156.3	28.6	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	-36.4	18.2	40.7	153.3	0.037	0.39	0.0	48.0	-66.7	29.2	72.9	156.3	33.1	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	-29.1	14.6	32.5	153.3	0.0	0.375	0.0	43.8	-58.7	24.2	63.5	157.5	32.1	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	-21.8	10.9	24.4	153.3	0.0	0.25	0.0	39.0	-35.8	14.3	38.6	158.2	16.5	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	-14.5	7.3	16.2	153.3	0.0	0.125	0.0	34.1	-22.4	7.4	23.6	161.5	11.2	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	-7.2	3.6	8.1	153.3	0.0	0.062	0.0	30.2	-8.7	5.5	10.3	147.8	9.3	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 8.7

1-1033030-F0 RE730-7N, Page 31/33-F

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
colors and differences, $\Delta E'^*$

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

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 32/33

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				
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

RE730−7N, Page 32/33−F

TUB-test chart RE73; 1080 standard colours, cf=0,9
colors and differences, $\Delta E'^*$

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

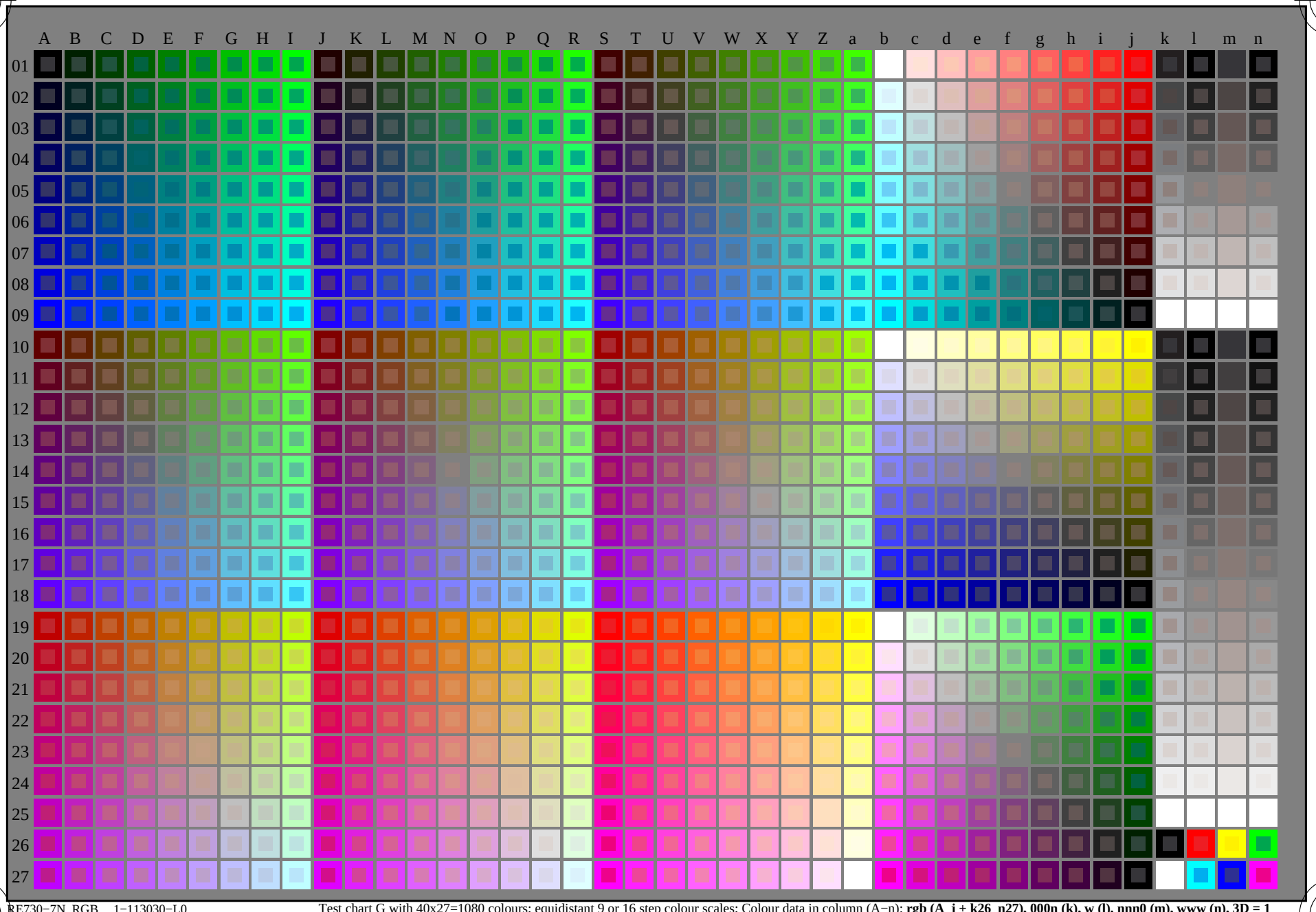
1−1033130−F0

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	53.8	35.9	64.7	33.7	0.919	0.046	0.115	46.1	58.9	40.3	71.4	34.3	6.7	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	−29.6	−36.3	46.9	230.7	0.052	0.749	0.749	53.0	−32.8	−40.1	51.8	230.6	4.9	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	−13.0	75.7	76.8	99.7	1.0	0.994	0.125	91.2	−14.6	87.8	89.0	99.4	12.2	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	22.1	−39.0	44.9	299.6	0.065	0.05	0.749	31.6	22.5	−44.6	50.0	296.8	5.6	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	−58.2	29.2	65.1	153.3	0.091	0.807	0.074	54.7	−66.4	34.5	74.8	152.5	9.7	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	63.3	−9.8	64.1	351.1	0.9	0.088	0.793	46.8	71.8	−11.8	72.7	350.5	8.7	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
																	Mean color difference of this page:						**delta**		**3.4**								

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
colors and differences, Δ*E'**

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

1−1033230−F0



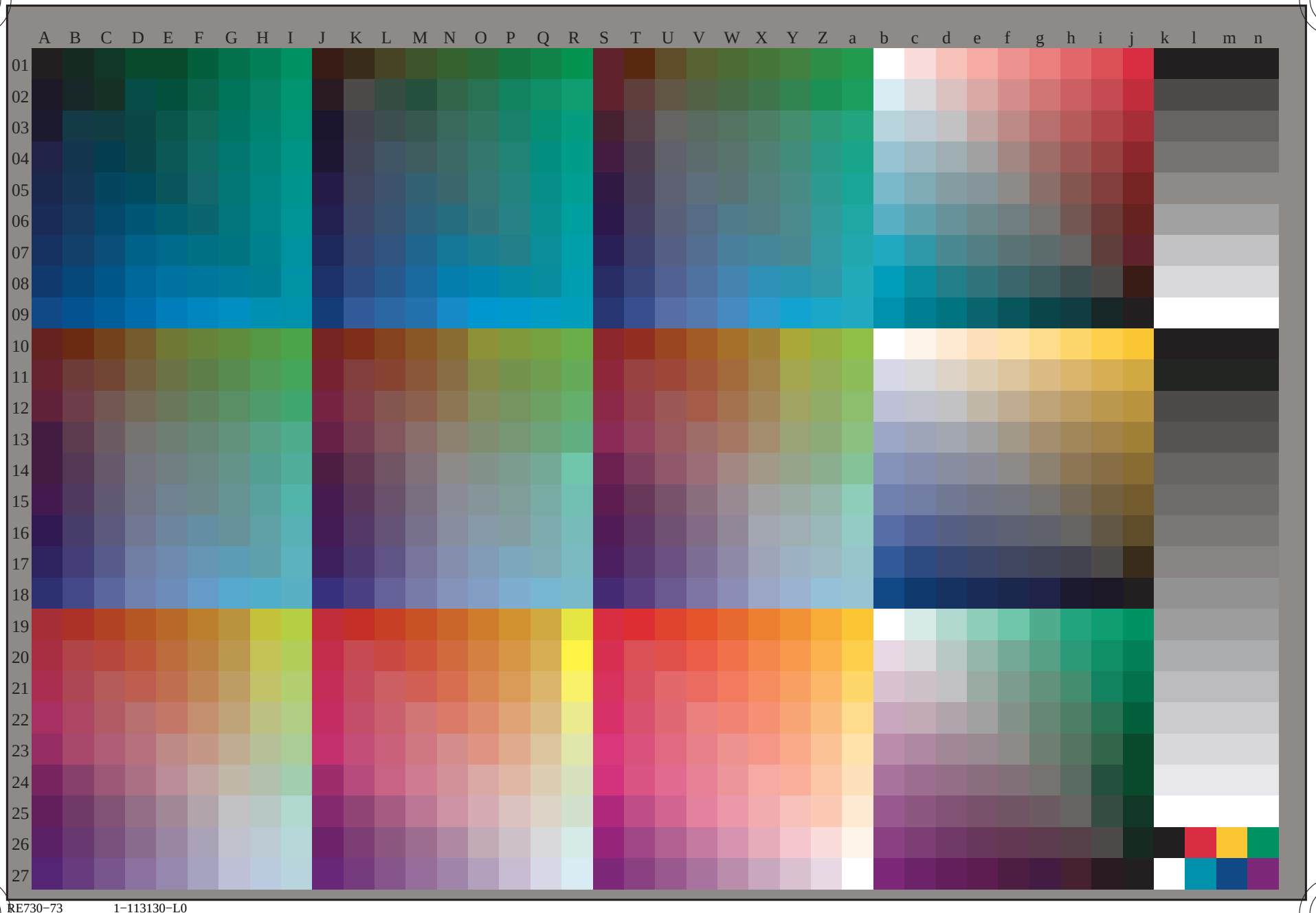
RE730−7N_RGB 1−113030−L0

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 RE73; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

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

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 2/33



see similar files: http://130.149.60.45/~farbmetrik/RE73/RE73.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE73/RE73L0FP.PDF /.PS
application for measurement of laser printer output, separation cmyn6* (CMYK)

TUB material: code=rha4ta

RE730−73 1−113130−L0

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872, 3D=1, de=1, *cmyk**

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

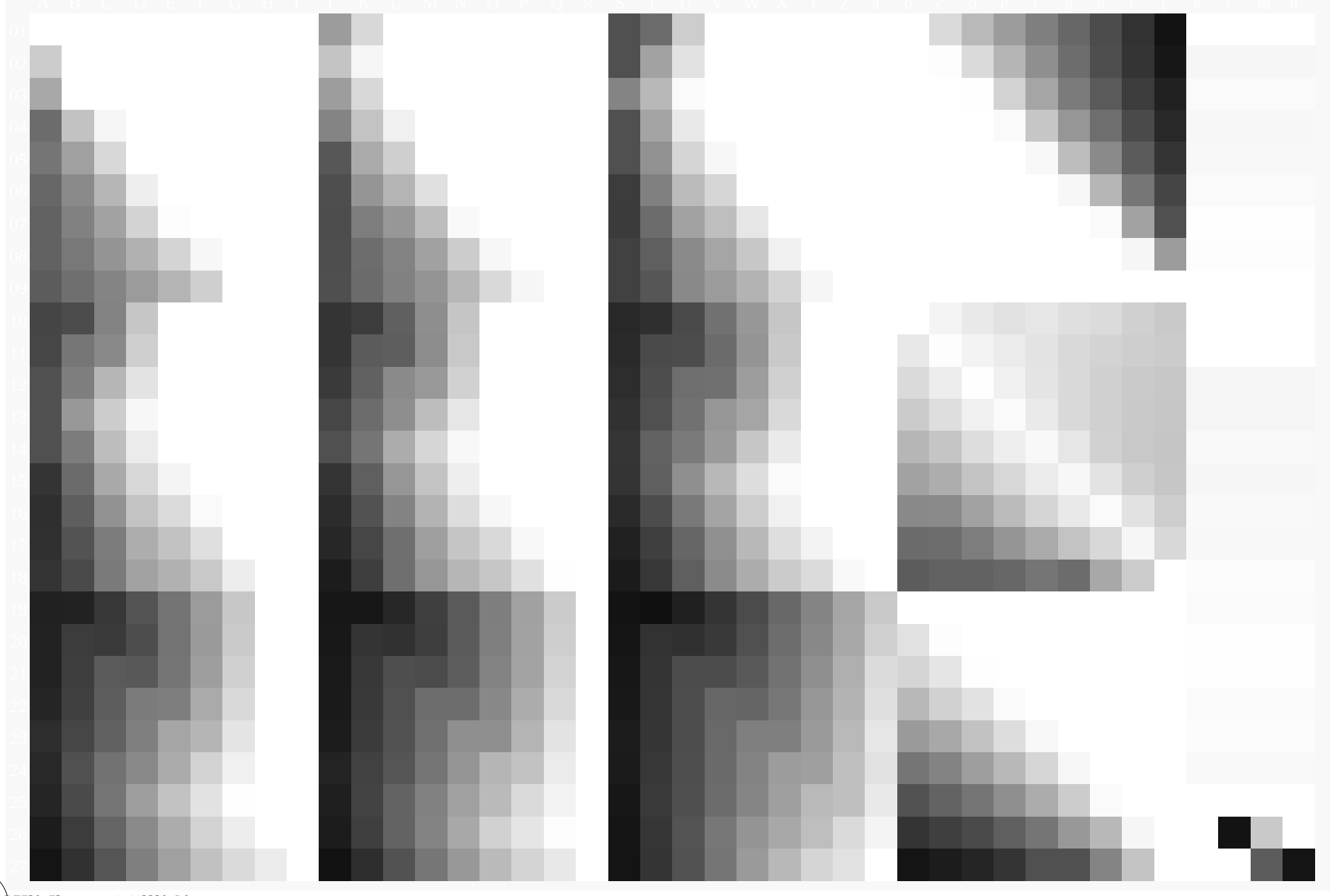
1−113130−F0

RE730−73 1−113230−L0

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

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

1−113230−F0



TUB registration: 20150701-RE73/RE73L0FP.PDF /.PS
application for measurement of laser printer output, separation cmyn6* (CMYK)

TUB material: code=rha4ta

RE730−73 1−113330−L0

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

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

1−113330−F0

TUB registration: 20150701-RE73/RE73L0FP.PDF /.PS
application for measurement of laser printer output, separation cmyn6* (CMYK)

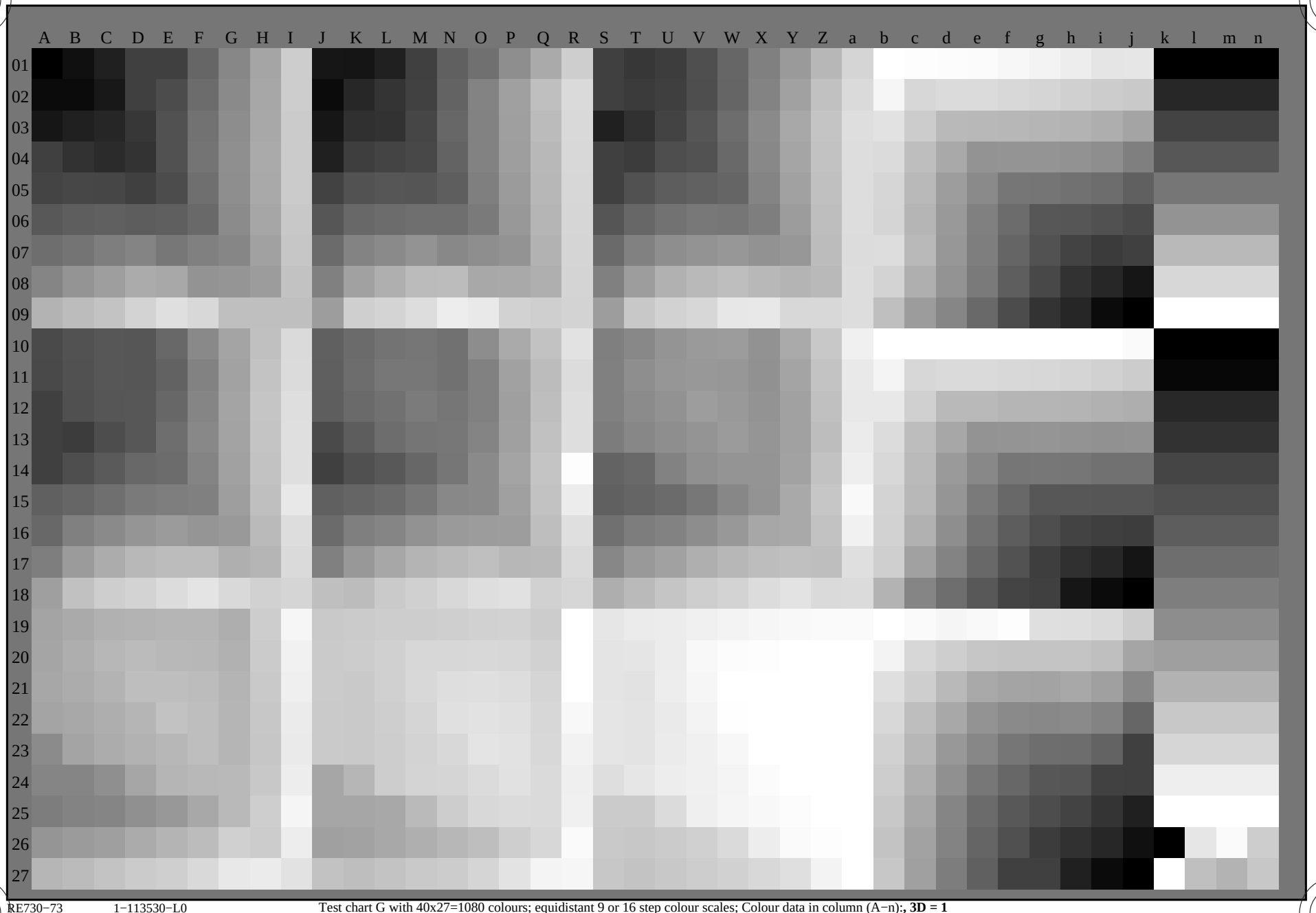
TUB material: code=rha4ta

RE730−73 1−113430−L0

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

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

1−113430−F0



RE730−73 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**

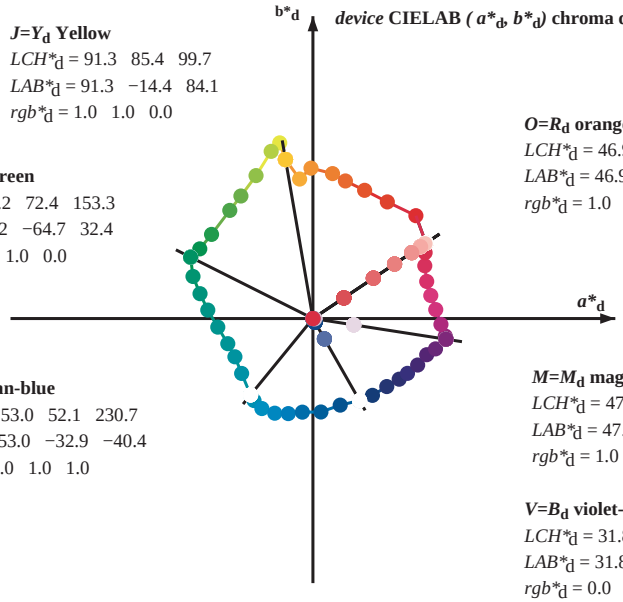
TUB-test chart RE73; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

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

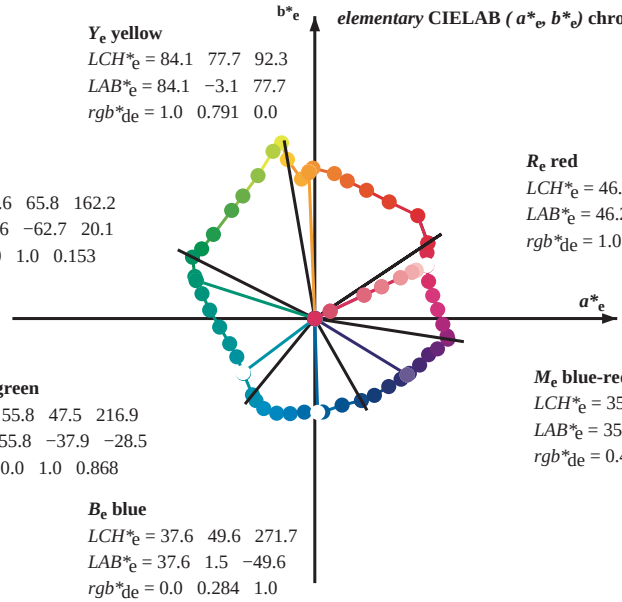
L=G_d leaf-green
LCH^*_d = 55.2 72.4 153.3
LAB^*_d = 55.2 −64.7 32.4
rgb^*_d = 0.0 1.0 0.0

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

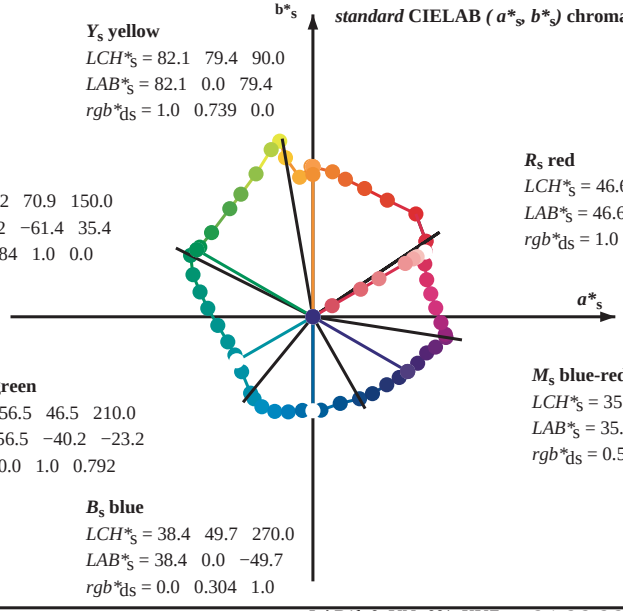
G_e green
LCH^*_e = 54.6 65.8 162.2
LAB^*_e = 54.6 −62.7 20.1
rgb^*_{de} = 0.0 1.0 0.153

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

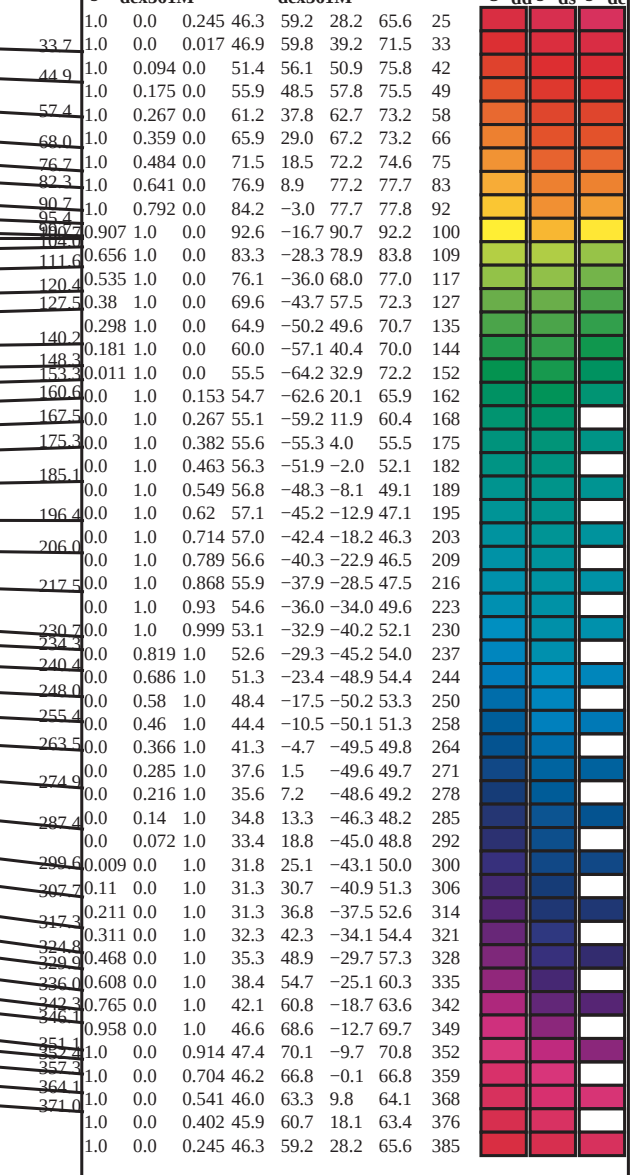
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd64M			*LAB**ddx64M (x=LabCh)					*rgb**ddx361M			*LAB**ddx361M (x=LabCh)					*rgb**dsx361M			*LAB**dsx361M (x=LabCh)					*rgb**dex361M			*LAB**dex361M					rgb*$_{dd}$	*rgb**$_{ds}$	*rgb**$_{de}$
33.7	30.0	25.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	47.0	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 RE73; 1080 standard colours, *cf*=0,9
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)					*rgb** dex361M			*LAB** dex361M				
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	0.245	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	0.0	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	0.094	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	0.175	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	0.267	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	0.359	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	0.484	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	0.641	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	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	0.907	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	0.656	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	0.535	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	0.38	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	0.298	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	0.181	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	0.011	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	0.153	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	0.267	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	0.382	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	0.463	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	0.549	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	0.62	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	0.714	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	0.789	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	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	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	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	0.819	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	0.686	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	0.58	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	0.46	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	0.366	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	0.285	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	0.0	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	0.0	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	0.0	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	0.009	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	0.11	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	0.211	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	0.311	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	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	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	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	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	0.914	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	0.704	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	0.541	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	0.402	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	0.245	46.3	59.2	28.2	65.6	385

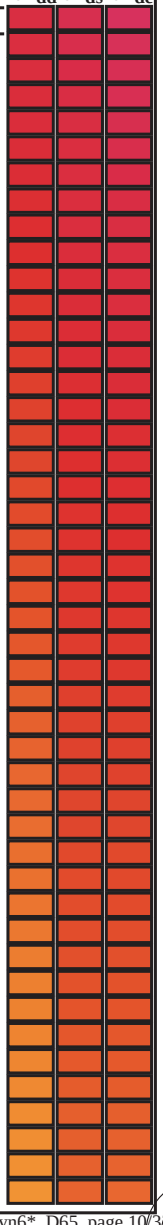


TUB-test chart RE73; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb−LabCh**tables

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

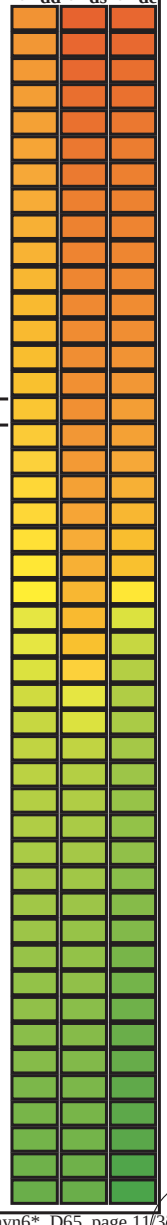
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)						*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
33	30	25	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33	R_d	1.0	0.0	0.136	46.6	59.4	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			



RE730−73 1−113930−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

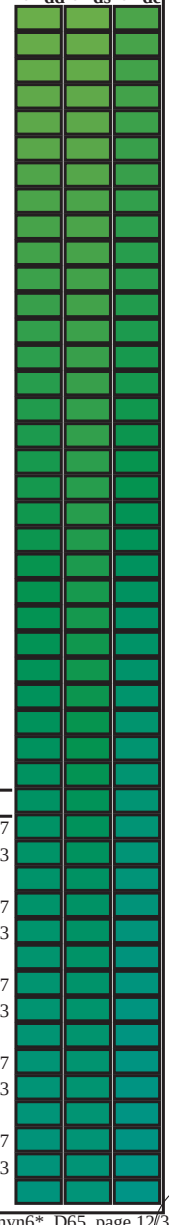
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
−269	75	75	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	−269 R_d	1.0	0.475	0.0	71.1	19.3	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			



RE730−73 1−1131030−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 11/33

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



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	

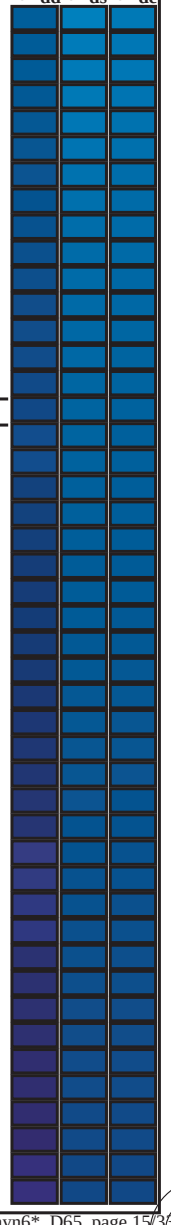
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 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

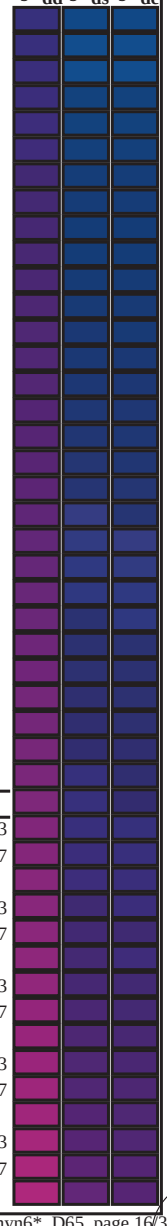
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 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



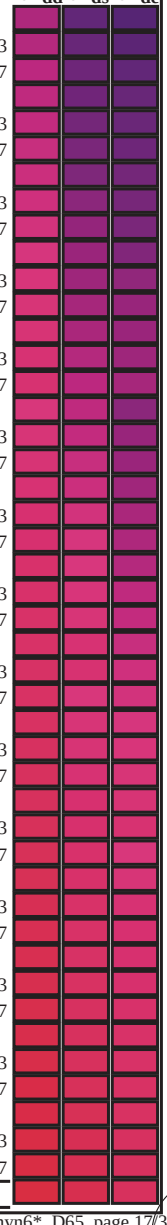
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.7, 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 RE73; 1080 standard colours, *cf*=0,9
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	53.3	25.3	59.0	25.4	0.903	0.052	0.267	45.0	59.7	26.2	65.3	23.7	6.6	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	53.8	35.3	64.3	33.2	0.919	0.047	0.127	46.0	59.4	36.0	69.5	31.2	5.7	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	51.0	44.4	67.7	41.0	0.927	0.108	0.103	50.8	57.1	45.7	73.2	38.6	6.2	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	43.6	52.0	67.9	49.9	0.941	0.185	0.081	55.3	48.9	52.9	72.0	47.2	5.3	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	34.0	56.4	65.8	58.8	0.952	0.277	0.094	60.5	38.9	57.7	69.6	56.0	5.1	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	24.8	60.9	65.8	67.8	0.963	0.387	0.09	65.5	29.5	61.9	68.6	64.5	4.8	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	15.4	65.5	67.3	76.7	0.974	0.501	0.107	71.3	18.7	64.6	67.2	73.8	3.4	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	6.7	69.8	70.1	84.5	0.981	0.636	0.113	76.3	10.0	69.6	70.4	81.8	3.6	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	−2.8	69.9	70.0	92.3	0.98	0.774	0.105	82.9	−0.7	71.2	71.2	90.6	2.7	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	−15.0	81.6	83.0	100.4	0.875	1.0	0.125	91.5	−16.5	83.3	84.9	101.2	2.4	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	−24.5	72.7	76.7	108.6	0.667	0.966	0.091	83.5	−27.9	75.7	80.6	110.2	4.5	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	−32.4	61.1	69.2	117.9	0.517	0.94	0.083	74.7	−37.3	62.5	72.8	120.8	5.2	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	−39.4	51.7	65.0	127.2	0.373	0.887	0.068	67.2	−45.4	51.3	68.6	131.5	6.5	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	−46.0	43.5	63.3	136.5	0.275	0.856	0.058	64.3	−50.9	45.8	68.5	137.9	5.3	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	−52.2	35.3	63.1	145.9	0.173	0.835	0.065	57.8	−58.7	34.8	68.3	149.3	6.6	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	−58.2	28.3	64.7	154.0	0.088	0.807	0.083	54.7	−57.3	27.1	63.4	154.6	1.5	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	−56.4	18.1	59.3	162.2	0.075	0.805	0.19	55.0	−56.1	17.6	58.8	162.5	0.7	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	−53.3	10.7	54.3	168.6	0.08	0.804	0.272	54.8	−55.6	10.1	56.5	169.7	2.3	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	−50.2	4.3	50.4	175.0	0.084	0.797	0.335	54.4	−54.4	4.0	54.5	175.7	4.2	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	−46.8	−1.8	46.8	182.3	0.089	0.797	0.402	55.3	−50.5	−2.1	50.6	182.4	3.8	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	−43.5	−7.3	44.2	189.6	0.089	0.795	0.457	56.3	−46.8	−7.8	47.4	189.4	3.2	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	−40.3	−12.2	42.2	196.9	0.091	0.783	0.503	56.6	−43.8	−11.5	45.3	194.7	3.5	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	−37.8	−17.0	41.5	204.2	0.09	0.775	0.558	57.0	−41.3	−16.3	44.4	201.5	3.5	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	−36.1	−21.3	41.9	210.5	0.085	0.761	0.6	56.3	−40.1	−20.0	44.8	206.5	4.2	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	−34.1	−25.7	42.7	216.9	0.079	0.749	0.642	55.4	−37.4	−24.5	44.8	213.2	3.5	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	−32.4	−30.6	44.6	223.3	0.066	0.749	0.673	54.8	−37.6	−27.5	46.6	216.2	6.0	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	−30.1	−35.5	46.6	229.7	0.054	0.749	0.749	52.8	−34.3	−35.0	49.1	225.5	4.3	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	−26.4	−40.7	48.6	237.0	0.04	0.682	0.845	51.2	−28.5	−42.6	51.3	236.2	3.1	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	−21.1	−44.1	48.9	244.3	0.043	0.611	0.875	49.8	−21.2	−45.4	50.1	244.9	1.9	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	−15.0	−45.2	47.7	251.6	0.037	0.492	0.826	47.0	−14.4	−46.7	48.8	252.7	1.7	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	−8.7	−45.1	45.9	258.9	0.027	0.381	0.766	42.3	−7.7	−47.5	48.1	260.7	3.1	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	−3.6	−44.6	44.8	265.3	0.025	0.298	0.736	39.2	−2.5	−47.3	47.4	266.8	3.3	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	1.3	−44.6	44.7	271.7	0.014	0.226	0.703	36.4	2.6	−47.3	47.4	273.2	3.2	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	6.4	−43.7	44.2	278.3	0.005	0.151	0.617	34.0	7.1	−45.0	45.5	279.0	2.1	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	11.2	−42.0	43.5	285.0	0.026	0.115	0.613	33.9	12.0	−41.2	42.9	286.2	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	16.8	−40.5	43.9	292.5	0.047	0.083	0.623	34.4	14.8	−40.3	43.0	290.2	2.2	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	22.6	−38.9	45.0	300.1	0.067	0.048	0.749	29.5	27.2	−44.6	52.2	301.4	7.7	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	28.3	−36.5	46.2	307.7	0.12	0.031	0.683	28.5	31.9	−40.0	51.1	308.5	5.6	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	33.7	−33.3	47.4	315.3	0.195	0.018	0.713	29.0	32.8	−36.3	48.9	312.0	3.7	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	38.8	−30.3	49.2	321.9	0.289	0.019	0.759	29.2	38.0	−34.3	51.2	317.9	5.2	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	44.0	−26.8	51.5	328.6	0.412	0.03	0.778	32.2	42.1	−29.9	51.7	324.5	4.7	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	49.2	−22.7	54.2	335.2	0.541	0.037	0.787	34.8	47.6	−25.0	53.8	332.2	4.5	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	53.8	−17.6	56.6	341.8	0.688	0.046	0.797	37.5	55.1	−19.7	58.5	340.2	4.6	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	61.7	−11.4	62.7	349.4	0.871	0.074	0.792	44.9	65.6	−12.5	66.8	349.1	4.3	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	63.1	−8.8	63.7	352.0	0.897	0.084	0.768	47.2	66.6	−8.1	67.1	353.0	3.5	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	59.7	1.0	59.7	0.9	0.897	0.072	0.618	46.3	62.9	3.5	63.0	363.2	4.1	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	56.5	9.8	57.4	9.8	0.895	0.067	0.5	46.2	60.4	12.3	61.6	371.5	4.5	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	54.3	17.3	56.9	17.6	0.896	0.06	0.378	44.9	60.0	19.9	63.3	378.3	6.4	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	53.3	25.3	59.0	25.4	0.903	0.052	0.267	45.0	59.7	26.2	65.3	383.7	6.6	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	15.4	0.0	0.0	0.0	0.0	0.9	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	25.6	0.1	0.3	0.3	73.0	0.8	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	37.3	0.0	−0.4	0.4	267.9	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	47.1	0.3	−0.4	0.6	305.0	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	57.7	0.1	0.0	0.1	9.5	1.4	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	66.9	0.0	−0.5	0.5	267.3	0.7	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	75.9	0.0	−0.1	0.1	311.0	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	86.6	0.1	0.0	0.1	28.0	0.3	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	96.4	0.0	0.0	0.0	0.0	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 3.6

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
colors and differences, Δ*E'**

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

1−1131730−F0

TUB registration: 20150701-RE73/RE73L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6* (CMYK)

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 19/33

n/j	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**$_{Mde}$				
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	53.3	25.3	59.0	25.4	0.903	0.052	0.267	45.0	59.7	26.2	65.3	23.7	6.6	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	51.0	44.4	67.7	41.0	0.927	0.108	0.103	50.8	57.1	45.7	73.2	38.6	6.2	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	34.0	56.4	65.8	58.8	0.952	0.277	0.094	60.5	38.9	57.7	69.6	56.0	5.1	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	15.4	65.5	67.3	76.7	0.974	0.501	0.107	71.3	18.7	64.6	67.2	73.8	3.4	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	−2.8	69.9	70.0	92.3	0.98	0.774	0.105	82.9	−0.7	71.2	71.2	90.6	2.7	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	−24.5	72.7	76.7	108.6	0.667	0.966	0.091	83.5	−27.9	75.7	80.6	110.2	4.5	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	−39.4	51.7	65.0	127.2	0.373	0.887	0.068	67.2	−45.4	51.3	68.6	131.5	6.5	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	−52.2	35.3	63.1	145.9	0.173	0.835	0.065	57.8	−58.7	34.8	68.3	149.3	6.6	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	−56.4	18.1	59.3	162.2	0.075	0.805	0.19	55.0	−56.1	17.6	58.8	162.5	0.7	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	−56.4	18.1	59.3	162.2	0.075	0.805	0.19	55.0	−56.1	17.6	58.8	162.5	0.7	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	−43.5	−7.3	44.2	189.6	0.089	0.795	0.457	56.3	−46.8	−7.8	47.4	189.4	3.2	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	−34.1	−25.7	42.7	216.9	0.079	0.749	0.642	55.4	−37.4	−24.5	44.8	213.2	3.5	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	−21.1	−44.1	48.9	244.3	0.043	0.611	0.875	49.8	−21.2	−45.4	50.1	244.9	1.9	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	1.3	−44.6	44.7	271.7	0.014	0.226	0.703	36.4	2.6	−47.3	47.4	273.2	3.2	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	22.6	−38.9	45.0	300.1	0.067	0.048	0.749	29.5	27.2	−44.6	52.2	301.4	7.7	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	44.0	−26.8	51.5	328.6	0.412	0.03	0.778	32.2	42.1	−29.9	51.7	324.5	4.7	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	63.1	−8.8	63.7	352.0	0.897	0.084	0.768	47.2	66.6	−8.1	67.1	353.0	3.5	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	53.3	25.3	59.0	25.4	0.903	0.052	0.267	45.0	59.7	26.2	65.3	23.7	6.6	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	26.6	12.6	29.5	25.4	0.97	0.482	0.661	71.1	29.0	14.9	32.6	27.3	3.2	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	17.0	28.2	32.9	58.8	1.0	0.602	0.563	76.7	16.5	27.5	32.1	59.1	2.1	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	−1.4	34.9	35.0	92.3	1.0	0.901	0.623	89.4	−3.6	36.2	36.4	95.7	2.6	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	−19.7	25.8	32.5	127.2	0.648	0.919	0.5	81.6	−25.9	29.8	39.5	130.9	7.5	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	−28.2	9.0	29.6	162.2	0.452	0.99	0.581	72.9	−31.0	7.9	32.0	165.6	3.9	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	−17.0	−12.8	21.3	216.9	0.494	0.84	0.778	73.7	−19.8	−14.8	24.8	216.8	4.1	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	0.6	−22.3	22.3	271.7	0.51	0.6	0.845	64.3	0.4	−24.6	24.6	270.9	3.4	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	22.0	−13.4	25.7	328.6	0.73	0.49	0.817	64.4	18.8	−13.5	23.2	324.1	3.4	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	26.6	12.6	29.5	25.4	0.97	0.482	0.661	71.1	29.0	14.9	32.6	27.3	3.2	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	26.6	12.6	29.5	25.4	0.7	0.228	0.383	50.7	28.5	13.3	31.4	25.0	2.0	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	17.0	28.2	32.9	58.8	0.746	0.327	0.266	58.1	19.2	28.8	34.7	56.3	2.4	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	−1.4	34.9	35.0	92.3	0.705	0.57	0.298	70.2	−1.1	37.7	37.8	91.7	2.8	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	−19.7	25.8	32.5	127.2	0.407	0.624	0.24	62.5	−21.3	24.2	32.2	131.4	2.4	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	−28.2	9.0	29.6	162.2	0.246	0.66	0.302	54.8	−31.2	8.0	32.3	165.5	3.2	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	−17.0	−12.8	21.3	216.9	0.279	0.593	0.503	55.6	−18.9	−14.2	23.6	216.8	2.3	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	0.6	−22.3	22.3	271.7	0.27	0.341	0.555	46.4	0.4	−25.0	25.0	270.9	2.7	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	22.0	−13.4	25.7	328.6	0.445	0.217	0.522	40.8	22.8	−16.1	28.0	324.7	5.7	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	26.6	12.6	29.5	25.4	0.7	0.228	0.383	50.7	28.5	13.3	31.4	25.0	2.0	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	26.6	12.6	29.5	25.4	0.376	0.0	0.091	32.3	26.8	13.2	29.9	26.2	1.1	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	17.0	28.2	32.9	58.8	0.45	0.124	0.047	40.3	16.4	28.2	32.7	59.8	1.6	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	−1.4	34.9	35.0	92.3	0.444	0.327	0.083	50.6	−1.6	36.4	36.5	92.6	1.5	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	−19.7	25.8	32.5	127.2	0.21	0.4	0.041	44.5	−22.7	24.3	33.3	133.0	3.7	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	−28.2	9.0	29.6	162.2	0.0	0.25	0.0	34.5	−25.7	5.3	26.3	168.1	4.5	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	−17.0	−12.8	21.3	216.9	0.048	0.299	0.224	36.5	−18.9	−15.6	24.5	219.5	3.3	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	0.6	−22.3	22.3	271.7	0.015	0.066	0.265	27.8	−0.8	−24.7	24.8	268.1	2.9	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	22.0	−13.4	25.7	328.6	0.172	0.0	0.25	29.3	19.4	−14.4	24.2	323.4	4.4	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	26.6	12.6	29.5	25.4	0.376	0.0	0.091	32.3	26.8	13.2	29.9	26.2	1.1	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	15.4	0.0	0.0	0.0	0.0	0.9	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	25.6	0.1	0.3	0.3	73.0	0.8	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	37.3	0.0	−0.4	0.4	267.9	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	47.1	0.3	−0.4	0.6	305.0	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	57.7	0.1	0.0	0.1	9.5	1.4	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	66.9	0.0	−0.5	0.5	267.3	0.7	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	75.9	0.0	−0.1	0.1	311.0	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	86.6	0.1	0.0	0.1	28.0	0.3	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	96.4	0.0	0.0	0.0	0.0	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta** **3.1**

1-1131830-F0

RE730-7N, Page 19/33-F

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
colors and differences, Δ*E'**

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

see similar files: http://130.149.60.45/~farbmetrik/RE73/RE73.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 20/33

n=j	HIC*Fde	rgb_Fde			ict_Fde			$h_{si\_F,de}$	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	-5.5	5.5	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	-11.1	11.1	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	-16.7	16.7	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	0.6	-22.3	22.3	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	0.8	-27.9	27.9	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	1.0	-33.5	33.5	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	1.1	-39.1	39.1	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	1.3	-44.6	44.7	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	-7.0	2.2	7.4	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	-4.2	-3.2	5.3	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	-5.2	-11.0	12.2	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	-4.7	-16.9	17.6	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	-4.3	-22.5	22.9	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	-4.0	-28.0	28.3	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	-3.7	-33.4	33.6	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	-3.8	-39.0	39.2	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	-3.6	-44.6	44.8	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	-14.1	4.5	14.8	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	-10.8	-1.8	11.0	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	-8.5	-6.4	10.6	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	-10.5	-14.6	18.0	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	-10.5	-22.0	24.4	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	-9.8	-28.2	29.9	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	-9.4	-33.9	35.2	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	-9.0	-39.5	40.5	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	-8.7	-45.1	45.9	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	-21.1	6.7	22.2	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	-18.0	0.1	18.0	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	-14.8	-5.2	15.7	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	-12.8	-9.6	16.0	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	-15.0	-17.7	23.3	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	-16.1	-25.8	30.4	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	-15.8	-33.0	36.6	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	-15.2	-39.4	42.3	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	-15.0	-45.2	47.7	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	-28.2	9.0	29.6	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	-25.1	2.1	25.2	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	-21.7	-3.6	22.1	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	-18.9	-8.5	20.7	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	-17.0	-12.8	21.3	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	-19.5	-20.9	28.6	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	-21.0	-29.2	36.0	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	-21.6	-37.1	43.0	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	-21.1	-44.1	48.9	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	-35.2	11.3	37.0	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	-32.2	4.3	32.5	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	-28.9	-1.6	29.0	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	-25.4	-7.2	26.4	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	-23.1	-11.7	25.9	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	-21.3	-16.0	26.7	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	-23.8	-24.0	33.9	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	-25.6	-32.3	41.2	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	-26.4	-40.7	48.6	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	-42.3	13.5	44.4	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	-39.4	6.6	39.9	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	-36.1	0.2	36.1	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	-32.6	-5.5	33.1	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	-29.6	-10.5	31.4	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	-27.4	-15.0	31.2	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	-25.6	-19.2	32.0	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	-28.1	-27.4	39.3	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	-30.1	-35.5	46.6	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	-49.4	15.8	51.8	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	-46.3	8.5	47.1	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	-43.2	2.3	43.3	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	-39.6	-3.5	39.8	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	-36.4	-9.1	37.5	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	-33.7	-13.8	36.5	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	-31.8	-18.1	36.6	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	-29.9	-22.5	37.4	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	-32.4	-30.6	44.6	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	-56.4	18.1	59.3	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	-53.3	10.7	54.3	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	-50.2	4.3	50.4	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	-46.8	-1.8	46.8	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	-43.5	-7.3	44.2	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	-40.3	-12.2	42.2	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	-37.8	-17.0	41.5	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	-36.1	-21.3	41.9	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	-34.1	-25.7	42.7	216.9

n=j	rgb'*Fde			LabCh'*Fde					DE'*Fde	$h_{siM,de}$	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	0.006	0.044	24.7	4.9	-12.6	13.5	291.3	10.2	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
2	0.0	0.008	0.085	23.7	4.7	-21.9	22.4	282.2	11.8	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
3	0.025	0.049	0.25	28.2	10.1	-29.8	31.5	288.8	16.7	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
4	0.015	0.066	0.265	29.8	18.0	-38.5	42.5	295.0	23.9	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
5	0.008	0.081	0.346	27.8	25.8	-43.6	50.7	300.6	29.5	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
6	0.013	0.115	0.432	28.9	25.4	-43.3	50.3	300.4	26.6	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
7	0.006	0.157	0.523	30.3	26.6	-43.3	50.8	301.6	26.2	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
8	0.014	0.226	0.703	31.8	24.6	-43.3	49.9	299.6	24.0	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
9	0.0	0.06	0.0	31.0	-8.7	4.5	9.8	152.2	10.3	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
10	0.0	0.044	0.021	28.7	-9.2	-12.4	15.5	233.4	12.8	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
11	0.043	0.125	0.125	28.8	-5.8	-22.4	23.2	255.2	12.0	227	0.0	0.685	1.0	51.3	-23.5	-49.0	54.3	244.3
12	0.022	0.125	0.197	31.6	-3.8	-30.3	30.6	262.7	13.9	238	0.0	0.518	1.0	46.3	-14.0	-50.3	52.2	254.3
13	0.028	0.139	0.279	33.6	2.6	-39.5	39.6	273.7	18.6	243	0.0	0.446	1.0	43.9	-9.7	-50.1	51.0	258.9
14	0.028	0.158	0.367	35.0	9.4	-44.9	45.8	281.8	21.7	246	0.0	0.404	1.0	42.6	-7.2	-49.8	50.3	261.6
15	0.018	0.191	0.454	32.7	15.8	-46.0	48.7	289.0	23.4	248	0.0	0.375	1.0	41.7	-5.6	-49.5	49.8	263.5
16	0.022	0.24	0.58	33.7	16.7	-45.4	48.4	290.2	22.0	248	0.0	0.365	1.0	41.2	-4.8	-49.6	49.8	264.4
17	0.025	0.298	0.736	34.6	14.4	-45.8	48.0	287.4	19.1	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	12.8	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
19	0.0	0.095	0.0	32.1	-19.3	-6.7	20.4	199.1	11.3	183	0.0	1.0	0.549	56.7	-48.4	-8.1	49.1	189.6
20	0.036	0.148	0.113	35.4	-13.6	-20.5	24.7	236.3	17.6	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
21	0.0	0.158	0.168	36.6	-10.9	-29.0	31.0	249.2	15.8	216	0.0	0.875	1.0	52.5	-31.1	-43.3	53.4	234.3
22	0.01	0.215	0.272	37.5	-8.2	-36.1	37.0	257.0	14.7	227	0.0	0.685	1.0	51.3	-23.5	-49.0	54.3	244.3
23	0.014	0.242	0.375	37.6	-4.5	-43.4	43.7	263.9	16.1	234	0.0	0.579	1.0	48.4	-17.5	-50.2	53.2	250.7
24	0.021	0.287	0.495	37.7	-0.7	-47.5	47.6	269.1	16.2	238	0.0	0.518	1.0	46.3	-14.0	-50.3	52.2	254.3
25	0.023	0.335	0.618	35.7	4.7	-49.3	49.5	275.4	17.7	241	0.0	0.474	1.0	44.8	-11.4	-50.2	51.5	257.1
26	0.027	0.381	0.766	36.0	4.2	-49.4	49.6	274.9	15.8	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	18.7	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
28	0.02	0.25	0.125	38.1	-32.5	-0.7	32.5	181.3	16.0	175	0.0	1.0	0.428	55.9	-53.5	0.4	53.5	179.5
29	0.026	0.215	0.119	38.2	-25.0	-15.5	29.4	211.7	15.9	190	0.0	1.0	0.666	57.0	-43.9	-15.6	46.6	199.6
30	0.023	0.2	0.151	40.0	-19.7	-27.3	33.6	234.2	20.9	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
31	0.0	0.251	0.224	40.4	-15.0	-34.8	37.9	246.5	17.9	209	0.0	1.0	0.99	53.2	-33.4	-39.5	51.8	229.7
32	0.02	0.333	0.364	41.9	-12.3	-41.1	42.9	253.2	15.9	220	0.0	0.8	1.0	52.6	-28.7	-45.9	54.2	237.9
33	0.033	0.415	0.515	42.9	-9.5	-47.6	48.5	258.6	15.8	227	0.0	0.685	1.0	51.3	-23.5	-49.0	54.3	244.3
34	0.034	0.452	0.67	43.1	-8.0	-49.4	50.1	260.7	12.4	232	0.0	0.61	1.0	49.5	-19.3	-50.1	53.7	248.9
35	0.037	0.492	0.826	41.6	-5.5	-49.5	49.8	263.5	12.0	235	0.0	0.564	1.0	47.9	-16.6	-50.3	53.0	251.6
36	0.0	0.25	0.0	43.4	-62.0	24.5	66.7	158.4	38.0	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
37	0.009	0.299	0.07	43.6	-61.4	11.8	62.6	169.1	38.3	171	0.0	1.0	0.368	55.4	-55.8	4.8	56.0	175.0
38	0.047	0.319	0.155	41.9	-44.2	-7.1	44.8	189.1	23.3	183	0.0	1.0	0.549	56.7	-48.4	-8.1	49.1	189.6
39	0.061	0.318	0.202	42.9	-34.8	-22.3	41.3	212.7	21.9	194	0.0	1.0	0.725	56.9	-42.1	-18.9	46.1	204.2
40	0.048	0.299	0.224	43.9	-23.5	-34.3	41.6	235.6	23.7	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
41	0.038	0.374	0.329	44.7	-21.3	-38.9	44.4	241.3	18.8	208	0.0	1.0	0.964	53.8	-34.6	-37.2	50.8	227.0
42	0.037	0.462	0.466	46.8	-19.7	-45.8	49.8	246.7	16.9	216	0.0	0.875	1.0	52.5	-31.1	-43.3	53.4	234.3
43	0.038	0.541	0.659	47.4	-16.3	-49.5	52.1	251.7	13.4	223	0.0	0.762	1.0	52.6	-27.4	-47.1	54.6	239.7
44	0.043	0.611	0.875	45.6	-13.0	-50.3	51.9	255.4	11.6	227	0.0	0.685	1.0	51.3	-23.5	-49.0	54.3	244.3
45	0.045	0.401	0.063	48.1	-68.1	29.1	74.1	156.8	38.2	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
46	0.071	0.423	0.142	48.0	-74.0	21.1	76.9	164.0	45.5	168	0.0	1.0	0.325	55.3	-57.4	7.8	57.9	172.2
47	0.088	0.449	0.212	48.7	-69.5	6.2	69.8	174.8	41.9	178	0.0	1.0	0.475	56.3	-51.5	-2.8	51.5	183.2
48	0.099	0.454	0.27	49.9	-55.3	-10.5	56.3	190.8	31.1	187	0.0	1.0	0.62	57.0	-45.2	-12.9	47.0	195.9
49	0.093	0.436	0.299	51.3	-45.8	-25.2	52.3	208.7	28.1	196	0.0	1.0	0.759	56.8	-41.0	-20.8	46.0	206.9
50	0.076	0.412	0.32	50.4	-32.6	-36.2	48.8	227.9	24.9	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
51	0.065	0.501	0.434	50.5	-30.3	-40.4	50.5	233.0	18.5	207	0.0	1.0	0.947	54.2	-35.4	-35.6	50.2	225.1
52	0.042	0.558	0.578	50.7	-25.3	-46.5	52.9	241.3	14.3	211	0.0	0.971	1.0	52.9	-32.5	-41.0	52.4	231.5
53	0.04	0.682	0.845	50.0	-20.1	-50.0	53.9	248.0	11.4	219	0.0	0.819	1.0	52.6	-29.3	-45.3	54.0	237.0
54	0.086	0.529	0.12	51.2	-70.8	30.3	77.0	156.8	33.6	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
55	0.088	0.541	0.188	50.0	-73.8	22.2	77.1	163.2	38.1	166	0.0	1.0	0.295	55.1	-58.3	9.8	59.1	170.4
56	0.096	0.553	0.256	50.0	-68.5	8.7	69.0	172.7	33.7	175	0.0	1.0	0.428	55.9	-53.5	0.4	53.5	179.5
57	0.1	0.558	0.31	51.2	-59.6	-5.4	59.9	185.2	27.3	183	0.0	1.0	0.549	56.7	-48.4	-8.1	49.1	189.6
58	0.103	0.555	0.354	52.4	-50.8	-18.0	54.0	199.5	23.2	190	0.0	1.0	0.666	57.0	-43.9	-15.6	46.6	199.6
59	0.098	0.543	0.386	52.7	-43.9	-27.1	51.6	211.7	21.4	197	0.0	1.0	0.779	56.6	-40.6	-22.3	46.3	208.7
60	0.087	0.525	0.413	52.5	-36.6	-36.6	51.8	225.0	21.5	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
61	0.063	0.583	0.537	52.3	-32.9	-41.3	52.8	231.4	14.9	206	0.0	1.0	0.938	54.4	-35.7	-34.8	49.9	224.2
62	0.054	0.749	0.749	52.6	-27.0	-47.6	54.7	240.4	12.4	209	0.0	1.0	0.99	53.2	-33.4	-39.5	51.8	229.7
63	0.086	0.649	0.161	53.0	-69.3	31.1	75.9	155.7	25.3	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
64	0.092	0.654	0.236	52.2	-68.8	22.2	72.3	162.1	26.4	165	0.0	1.0	0.281	55.1	-58.8	10.8	59.8	169.5
65	0.094	0.657	0.294	52.6	-63.7	11.3	64.7	169.9	22.3	172	0.0	1.0	0.393	55.6	-54.9	3.0	55.0	176.8
66	0.099	0.665	0.352	53.9	-57.4	0.1	57.4	179.8	18.2	179	0.0	1.0	0.498	56.5	-50.4	-4.4	50.6	185.0
67	0.101	0.66	0.405	54.4	-50.3	-12.4	51.8	193.8	14.5	186	0.0	1.0	0.599	56.9	-46.2	-11.6	47.6	194.1
68	0.099	0.649	0.445	54.8	-45.3	-19.6	49.4	203.4	13.3	193	0.0	1.0	0.701	56.9	-42.8	-17.6	46.3	202.3
69	0.093	0.632	0.476	53.5	-41.7	-28.4	50.5	214.3	14.4	198	0.0	1.0	0.788	56.5	-40.3	-23.0	46.4	209.6
70	0.084	0.611	0.505	52.4	-35.3	-38.9	52.5	227.7	17.3	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
71	0.066	0.749	0.673	52.5	-31.1	-43.3	53.4	234.3	12.9	206	0.0	1.0	0.929	54.6	-36.0	-34.0	49.6	223.3
72	0.075	0.805	0.19	55.2	-64.7	32.4	72.4	153.3	16.5	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
73	0.08	0.804	0.272	54.5	-63.4	22.2	67.2	160.6	15.3	164	0.0	1.0	0.266	55.0	-59.2	11.9	60.4	168.6
74	0.084	0.797	0.335	54.9	-59.7	13.1	61.1	167.5	12.8	171	0.0	1.0	0.368	55.4	-55.8	4.8	56.0	175.0
75	0.089	0.797	0.402	55.5	-55.6	4.5	55.8	175.3	10.8	177	0.0	1.0	0.463	56.2	-52.0	-2.0	52.0	182.3
76	0.089	0.795	0.457	56.5	-50.3	-4.5	50.5	185.1	7.3	183	0.0	1.0	0.549	56.7	-48.4	-8.1	49.1	189.6
77	0.091	0.783	0.503	57.0	-45.0	-13.2	46.9	196.4	4.7	188	0.0	1.0	0.631	57.0	-44.8	-13.6	46.9	196.9
78	0.09	0.775	0.558	56.9	-41.2	-20.2	45.9	206.0	4.6	194	0.0	1.0	0.725	56.9	-42.1	-18.9	46.1	204.2
79	0.085	0.761	0.6	55.8	-37.7	-29.0	47.6	217.5	7.8	199	0.0	1.0	0.798	56.4	-40.1	-23.7	46.6	210.5
80	0.079	0.749	0.642	53.0	-32.9	-40.4	52.1	230.7	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 19.2

1-1131930-F0 RE730-7N, Page 20/33-F

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
colors and differences, $\Delta E'^*$

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

1-1131930-F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.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	6.6	3.1	7.3	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	5.5	−3.3	6.4	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	5.6	−9.7	11.2	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	5.5	−15.3	16.3	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	5.6	−21.0	21.7	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	5.7	−26.7	27.4	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	5.8	−32.5	33.0	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	6.2	−38.1	38.6	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	6.4	−43.7	44.2	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	8.7	8.7	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	−5.5	5.5	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	−11.1	11.1	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	−16.7	16.7	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	0.6	−22.3	22.3	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	0.8	−27.9	27.9	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	1.0	−33.5	33.5	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	1.1	−39.1	39.1	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	−9.8	12.9	16.2	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	−7.0	2.2	7.4	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	−4.2	−3.2	5.3	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	−5.2	−11.0	12.2	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	−4.7	−16.9	17.6	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	−4.3	−22.5	22.9	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	−4.0	−28.0	28.3	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	−3.7	−33.4	33.6	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	−3.8	−39.0	39.2	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	−18.0	15.1	23.5	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	−14.1	4.5	14.8	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	−10.8	−1.8	11.0	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	−8.5	−6.4	10.6	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	−10.5	−14.6	18.0	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	−10.5	−22.0	24.4	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	−9.8	−28.2	29.9	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	−9.4	−33.9	35.2	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	−9.0	−39.5	40.5	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	−26.1	17.6	31.5	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	−21.1	6.7	22.2	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	−18.0	0.1	18.0	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	−14.8	−5.2	15.7	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	−12.8	−9.6	16.0	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	−15.0	−17.7	23.3	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	−16.1	−25.8	30.4	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	−15.8	−33.0	36.6	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	−15.2	−39.4	42.3	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	−34.2	20.2	39.7	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	−28.2	9.0	29.6	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	−25.1	2.1	25.2	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	−21.7	−3.6	22.1	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	−18.9	−8.5	20.7	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	−17.0	−12.8	21.3	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	−19.5	−20.9	28.6	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	−21.0	−29.2	36.0	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	−21.6	−37.1	43.0	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	−42.6	22.9	48.4	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	−35.2	11.3	37.0	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	−32.2	4.3	32.5	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	−28.9	−1.6	29.0	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	−25.4	−7.2	26.4	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	−23.1	−11.7	25.9	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	−21.3	−16.0	26.7	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	−23.8	−24.0	33.9	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	−25.6	−32.3	41.2	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	−50.6	25.9	56.8	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	−42.3	13.5	44.4	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	−39.4	6.6	39.9	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	−36.1	0.2	36.1	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	−32.6	−5.5	33.1	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	−29.6	−10.5	31.4	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	−27.4	−15.0	31.2	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	−25.6	−19.2	32.0	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	−28.1	−27.4	39.3	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	−58.2	28.3	64.7	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	−49.4	15.8	51.8	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	−46.3	8.5	47.1	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	−43.2	2.3	43.3	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	−39.6	−3.5	39.8	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	−36.4	−9.1	37.5	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	−33.7	−13.8	36.5	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	−31.8	−18.1	36.6	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	−29.9	−22.5	37.4	216.9

n	rgb'^*_{Fde}			$LabCh'^*_{Fde}$					DE'^*_{Fde}	$h_{siM,de}$	rgb^*_{Mde}			$LabCh^*_{Mde}$				
81	0.088	0.0	0.005	24.0	5.9	7.2	9.4	50.8	5.7	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
82	0.03	0.0	0.043	26.0	11.4	−4.6	12.3	338.0	9.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
83	0.0	0.0	0.086	26.4	14.7	−16.0	21.8	312.4	12.6	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
84	0.0	0.0	0.125	27.8	17.4	−23.7	29.4	306.3	15.3	264	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
85	0.033	0.024	0.26	28.6	26.8	−31.8	41.6	310.1	23.9	262	0.0	0.149	1.0	34.8	12.5	−46.7	48.3	285.0
86	0.017	0.038	0.338	28.6	31.6	−35.0	47.2	312.0	27.1	260	0.0	0.177	1.0	35.2	10.2	−47.6	48.7	282.1
87	0.011	0.066	0.419	29.3	34.3	−37.9	51.1	312.1	28.9	259	0.0	0.196	1.0	35.4	8.7	−48.1	48.9	280.2
88	0.015	0.103	0.503	29.7	34.0	−39.9	52.4	310.4	28.0	258	0.0	0.206	1.0	35.5	7.9	−48.4	49.0	279.3
89	0.005	0.151	0.617	31.2	31.5	−40.6	51.4	307.7	25.6	258	0.0	0.215	1.0	35.6	7.1	−48.6	49.1	278.3
90	0.081	0.047	0.0	30.2	−4.3	14.4	15.0	106.8	8.8	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	0.152	0.158	0.19	28.9	2.8	−15.8	16.0	280.2	10.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
93	0.16	0.177	0.241	31.2	5.1	−24.1	24.6	281.9	13.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
94	0.167	0.199	0.322	35.4	9.4	−28.1	29.7	288.4	14.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
95	0.159	0.216	0.405	37.8	14.4	−33.6	36.6	293.2	17.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
96	0.133	0.223	0.512	39.1	16.2	−38.1	41.4	293.0	18.4	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
97	0.106	0.243	0.63	36.0	21.3	−42.3	47.4	296.6	23.0	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
98	0.14	0.327	0.812	35.1	23.1	−41.8	47.8	298.9	24.2	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	9.3	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
100	0.124	0.204	0.127	36.9	−11.2	4.4	12.0	158.2	7.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
101	0.143	0.195	0.175	34.4	−9.6	−14.9	17.7	237.1	13.2	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
102	0.174	0.25	0.267	37.8	−5.5	−22.5	23.2	256.1	11.8	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
103	0.169	0.267	0.339	40.4	−2.7	−27.9	28.0	264.3	11.4	238	0.0	0.518	1.0	46.3	−14.0	−50.3	52.2	254.3
104	0.159	0.283	0.422	43.4	0.9	−31.2	31.2	271.7	10.7	243	0.0	0.446	1.0	43.9	−9.7	−50.1	51.0	258.9
105	0.135	0.3	0.54	44.4	3.1	−36.3	36.4	274.9	11.1	246	0.0	0.404	1.0	42.6	−7.2	−49.8	50.3	261.6
106	0.118	0.332	0.687	39.7	10.9	−43.7	45.0	284.0	18.7	248	0.0	0.375	1.0	41.7	−5.6	−49.5	49.8	263.5
107	0.16	0.409	0.83	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	15.2	135	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
109	0.091	0.254	0.098	39.5	−22.7	6.3	23.6	164.3	9.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
110	0.147	0.273	0.185	37.5	−18.0	−7.4	19.5	202.4	9.1	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
111	0.175	0.284	0.241	42.7	−13.3	−21.4	25.2	238.1	17.0	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
112	0.162	0.334	0.327	43.7	−10.2	−26.4	28.3	248.8	12.3	216	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
113	0.16	0.378	0.436	45.8	−7.7	−30.3	31.3	255.6	8.9	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
114	0.14	0.413	0.575	47.2	−5.4	−34.0	34.5	260.8	7.3	234	0.0	0.579	1.0	48.4	−17.5	−50.2	53.2	250.7
115	0.121	0.449	0.731	45.3	−2.8	−44.7	44.8	266.3	13.1	238	0.0	0.518	1.0	46.3	−14.0	−50.3	52.2	254.3
116	0.158	0.494	0.866	40.4	2.5	−46.9	47.0	273.0	17.5	241	0.0	0.474	1.0	44.8	−11.4	−50.2	51.5	257.1
117	0.125	0.376	0.0	43.7	−42.4	28.6	51.2	145.9	20.5	141	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9
118	0.148	0.39	0.146	44.1	−29.9	11.1	31.9	159.5	10.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
119	0.171	0.403	0.228	44.2	−26.8	−1.5	26.9	183.3	9.4	175	0.0	1.0	0.428	55.9	−53.5	0.4	53.5	179.5
120	0.186	0.39	0.28	45.0	−20.8	−15.3	25.8	216.4	12.2	190	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199.6
121	0.181	0.368	0.305	47.1	−16.3	−26.5	31.1	238.4	18.2	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
122	0.159	0.437	0.396	49.2	−13.5	−30.9	33.7	246.3	13.9	209	0.0	1.0	0.99	53.2	−33.4	−39.5	51.8	229.7
123	0.146	0.521	0.534	50.5	−11.4	−33.9	35.8	251.3	9.5	220	0.0	0.8	1.0	52.6	−28.7	−45.9	54.2	237.9
124	0.128	0.585	0.739	50.7	−10.8	−40.8	42.2	255.1	9.4	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
125	0.174	0.664	0.93	46.1	−8.6	−47.6	48.4	259.7	13.9	232	0.0	0.61	1.0	49.5	−19.3	−50.1	53.7	248.9
126	0.113	0.439	0.038	49.0	−53.8	33.4	63.3	148.1	24.6	144	0.099	1.0	0.0	57.5	−60.8	36.0	70.7	149.4
127	0.148	0.512	0.169	49.2	−38.1	17.4	41.9	155.5	13.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
128	0.17	0.51	0.249	49.3	−36.0	5.8	36.5	170.8	11.9	171	0.0	1.0	0.368	55.4	−55.8	4.8	56.0	175.0
129	0.183	0.508	0.308	50.0	−30.6	−8.3	31.7	195.2	10.5	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
130	0.19	0.497	0.351	51.5	−24.3	−19.7	31.3	219.0	13.3	194	0.0	1.0	0.725	56.9	−42.1	−18.9	46.1	204.2
131	0.183	0.478	0.377	52.7	−21.6	−28.6	35.9	233.0	17.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
132	0.152	0.554	0.488	53.5	−17.6	−33.2	37.6	242.0	13.0	208	0.0	1.0	0.964	53.8	−34.6	−37.2	50.8	227.0
133	0.13	0.634	0.657	53.2	−15.5	−38.6	41.6	248.1	10.8	216	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
134	0.148	0.776	0.912	51.2	−14.6	−46.5	48.7	252.5	13.5	223	0.0	0.762	1.0	52.6	−27.4	−47.1	54.6	239.7
135	0.117	0.556	0.058	54.0	−58.1	36.9	68.9	147.5	22.3	147	0.04	1.0	0.0	56.2	−63.1	33.9	71.7	151.7
136	0.15	0.626	0.208	55.2	−43.6	22.2	49.0	152.9	14.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
137	0.162	0.622	0.281	55.0	−42.3	11.7	43.9	164.5	13.1	168	0.0	1.0	0.325	55.3	−57.4	7.8	57.9	172.2
138	0.172	0.619	0.34	56.2	−40.4	0.2	40.4	179.6	12.6	178	0.0	1.0	0.475	56.3	−51.5	−2.8	51.5	183.2
139	0.182	0.609	0.395	57.7	−34.1	−12.3	36.3	199.9	11.6	187	0.0	1.0	0.62	57.0	−45.2	−12.9	47.0	195.9
140	0.182	0.595	0.433	57.9	−30.1	−22.3	37.5	216.6	14.1	196	0.0	1.0	0.759	56.8	−41.0	−20.8	46.0	206.9
141	0.173	0.578	0.463	57.5	−25.3	−30.9	39.9	230.6	16.6	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
142	0.144	0.662	0.6	56.9	−21.3	−36.8	42.5	239.9	13.2	207	0.0	1.0	0.947	54.2	−35.4	−35.6	50.2	225.1
143	0.129	0.792	0.821	55.9	−20.2	−43.0	47.5	244.7	12.1	211	0.0	0.971	1.0	52.9	−32.5	−41.0	52.4	231.5
144	0.106	0.664	0.068	58.4	−60.0	39.3	71.8	146.7	18.2	149	0.011	1.0	0.0	55.5	−64.2	32.9	72.2	152.9
145	0.127	0.747	0.229	59.3	−56.3	28.7	63.2	152.9	21.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
146	0.142	0.734	0.308	59.2	−53.5	17.9	56.4	161.4	18.5	166	0.0	1.0	0.295	55.1	−58.3	9.8	59.1	170.4
147	0.156	0.723	0.378	59.5	−49.3	5.3	49.6	173.7	14.5	175	0.0	1.0	0.428	55.9	−53.5	0.4	53.5	179.5
148	0.161	0.717	0.437	60.7	−42.8	−6.0	43.3	187.9	10.9	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
149	0.165	0.707	0.484	60.9	−38.4	−14.4	41.0	200.6	10.4	190	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199.6
150	0.163	0.697	0.527	60.8	−33.5	−23.4	40.9	214.9	11.2	197	0.0	1.0	0.779	56.6	−40.6	−22.3	46.3	208.7
151	0.158	0.684	0.565	59.5	−29.4	−32.9	44.2	228.2	14.6	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
152	0.14	0.81	0.76	58.3	−25.8	−40.3	47.8	237.3	13.1	206	0.0	1.0	0.938	54.4	−35.7	−34.8	49.9	224.2
153	0.088	0.807	0.083	58.1	−59.8	36.8	70.3	148.3	9.2	150	0.0	1.0	0.012	55.1	−64.6	31.4	71.9	154.0
154	0.151	0.855	0.275	56.9	−60.4	29.4	67.2	153.9	17.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
155	0.155	0.849	0.349	56.7	−57.8	19.3	60.9	161.5	16.1	165	0.0	1.0	0.281	55.1	−58.8	10.8	59.8	169.5
156	0.157	0.846	0.414	58.1	−53.1	9.6	54.0	169.7	12.5	172	0.0	1.0	0.393	55.6	−54.9	3.0	55.0	176.8
157	0.162	0.844	0.479	59.0	−47.2	−1.5	47.3	181.8	8.2	179	0.0	1.0	0.498	56.5	−50.4	−4.4	50.6	185.0
158	0.165	0.839	0.547	59.5	−41.3	−12.1	43.0	196.4	6.2	186	0.0	1.0	0.599	56.9	−46.2	−11.6	47.6	194.1
159	0.167	0.834	0.607	59.8	−37.5	−18.5	41.9	206.3	6.3	193	0.0	1.0	0.701	56.9	−42.8	−17.6	46.3	202.3
160	0.163	0.83	0.659	59.9	−33.1	−26.0	42.1	218.1	8.2	198	0.0	1.0	0.788	56.5	−40.3	−23.0	46.4	209.6
161	0.158	0.825	0.712	56.0	−30.7	−37.5	48.5	230.7	15.8	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**

1−1132030−F0 RE730−7N, Page 21/33−F

TUB-test chart RE73; 1080 standard colours, cf=0,9
colors and differences, $\Delta E'^*$

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

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 22/33

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				
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	13.3	6.3	14.7	25.4	0.25	0.0	0.125	27.6	12.4	13.9	18.6	48.2	8.5	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	15.7	-2.2	15.9	352.0	0.25	0.0	0.145	26.6	15.4	3.1	15.7	11.5	5.9	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	11.0	-6.7	12.8	328.6	0.125	0.0	0.125	27.9	23.4	-8.3	24.9	340.4	14.3	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	11.4	-13.3	17.5	310.5	0.125	0.0	0.25	29.1	27.1	-16.1	31.5	329.2	17.5	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	11.3	-19.4	22.5	300.1	0.053	0.0	0.25	29.7	31.5	-22.8	38.9	324.1	21.3	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	11.0	-25.2	27.5	293.5	0.039	0.0	0.333	30.1	35.9	-27.9	45.5	322.1	25.3	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	11.0	-30.7	32.6	289.7	0.039	0.036	0.416	30.6	38.8	-31.1	49.7	321.2	27.8	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	11.0	-36.2	37.8	286.9	0.037	0.075	0.501	31.0	39.9	-34.5	52.8	319.0	28.9	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	11.2	-42.0	43.5	285.0	0.026	0.115	0.613	31.2	39.0	-35.9	53.1	317.3	28.7	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	8.5	14.1	16.4	58.8	0.217	0.022	0.0	31.6	1.6	20.1	20.2	85.3	9.9	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	6.6	3.1	7.3	25.4	0.233	0.134	0.16	29.9	6.6	8.1	10.5	50.7	4.9	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	5.5	-3.3	6.4	328.6	0.192	0.131	0.189	32.1	13.5	-6.9	15.2	332.9	9.4	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	5.6	-9.7	11.2	300.1	0.179	0.137	0.235	34.3	14.4	-15.5	21.2	312.9	11.3	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	5.5	-15.3	16.3	289.7	0.186	0.161	0.315	36.0	18.5	-22.2	28.9	309.8	15.0	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	5.6	-21.0	21.7	285.0	0.184	0.18	0.403	38.9	21.5	-27.8	35.1	307.6	17.5	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	5.7	-26.7	27.4	282.1	0.155	0.185	0.504	39.5	25.2	-32.9	41.5	307.4	20.4	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	5.8	-32.5	33.0	280.2	0.118	0.199	0.613	35.9	31.9	-37.3	49.1	310.5	26.9	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	6.2	-38.1	38.6	279.3	0.133	0.248	0.785	35.5	30.6	-38.1	48.9	308.7	25.5	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	17.4	17.5	92.3	0.239	0.176	0.056	38.0	-7.2	29.9	30.8	103.5	14.8	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	8.7	8.7	92.3	0.247	0.215	0.159	37.1	-4.8	15.4	16.1	107.3	8.3	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	-5.5	5.5	271.7	0.269	0.277	0.305	37.8	3.6	-16.3	16.7	282.4	11.3	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	-11.1	11.1	271.7	0.281	0.3	0.362	41.5	6.0	-22.2	23.0	285.1	12.4	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	-16.7	16.7	271.7	0.282	0.322	0.449	45.6	8.5	-25.4	26.8	288.6	11.8	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	0.6	-22.3	22.3	271.7	0.27	0.341	0.555	46.2	13.1	-30.7	33.4	293.2	15.0	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	0.8	-27.9	27.9	271.7	0.255	0.362	0.694	40.8	20.2	-39.1	44.0	297.4	24.0	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	1.0	-33.5	33.5	271.7	0.284	0.433	0.822	38.9	22.0	-39.6	45.3	299.0	25.6	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	-11.0	24.4	26.8	114.4	0.229	0.308	0.045	42.0	-13.5	33.2	35.8	112.1	9.3	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	-9.8	12.9	16.2	127.2	0.222	0.304	0.136	44.6	-13.2	18.9	23.1	125.0	8.4	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	-7.0	2.2	7.4	162.2	0.259	0.334	0.252	43.2	-11.1	3.3	11.6	163.3	4.7	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	-4.2	-3.2	5.3	216.9	0.268	0.321	0.296	44.0	-8.9	-14.2	16.8	237.9	12.3	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	-5.2	-11.0	12.2	244.3	0.286	0.366	0.378	46.5	-4.8	-21.2	21.7	257.2	10.3	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	-4.7	-16.9	17.6	254.3	0.283	0.39	0.47	49.2	-1.9	-25.5	25.6	265.6	9.1	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	-4.3	-22.5	22.9	258.9	0.274	0.421	0.576	50.5	0.0	-29.9	29.9	270.1	8.6	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	-4.0	-28.0	28.3	261.6	0.267	0.459	0.725	48.6	5.5	-39.6	39.9	277.9	15.6	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	-3.7	-33.4	33.6	263.5	0.296	0.506	0.841	44.9	9.9	-40.7	41.9	283.7	18.7	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	-19.7	25.8	32.5	127.2	0.21	0.4	0.041	47.0	-24.5	37.8	45.1	122.9	13.5	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	-18.0	15.1	23.5	140.0	0.205	0.397	0.124	49.7	-21.9	22.1	31.1	134.7	10.1	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	-14.1	4.5	14.8	162.2	0.261	0.427	0.26	47.9	-20.3	7.1	21.5	160.6	7.0	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	-10.8	-1.8	11.0	189.6	0.276	0.412	0.315	48.6	-15.6	-7.2	17.2	204.8	7.5	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	-8.5	-6.4	10.6	216.9	0.283	0.396	0.35	51.5	-12.9	-19.9	23.7	237.1	15.1	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	-10.5	-14.6	18.0	234.3	0.272	0.463	0.454	52.1	-8.6	-25.4	26.9	251.3	11.2	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	-10.5	-22.0	24.4	244.3	0.273	0.53	0.592	53.7	-6.8	-28.9	29.8	256.6	7.8	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	-9.8	-28.2	29.9	250.7	0.268	0.576	0.747	53.8	-5.6	-37.1	37.5	261.3	10.1	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	-9.4	-33.9	35.2	254.3	0.3	0.631	0.905	47.1	0.7	-42.7	42.8	271.0	17.8	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	-28.3	27.8	39.7	135.4	0.207	0.502	0.052	51.6	-35.6	41.0	54.3	130.9	15.8	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	-26.1	17.6	31.5	145.9	0.197	0.514	0.128	54.4	-29.8	25.4	39.2	139.5	10.8	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	-21.1	6.7	22.2	162.2	0.262	0.541	0.278	53.3	-27.9	12.4	30.5	156.0	9.1	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	-18.0	0.1	18.0	179.5	0.27	0.533	0.34	54.9	-23.1	0.0	23.1	180.1	6.2	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	-14.8	-5.2	15.7	199.6	0.283	0.516	0.391	55.8	-20.1	-13.0	23.9	213.0	10.3	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	-12.8	-9.6	16.0	216.9	0.283	0.495	0.423	56.1	-15.5	-23.3	28.0	236.3	14.8	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	-15.0	-17.7	23.3	229.7	0.264	0.571	0.541	57.1	-12.4	-28.9	31.4	246.6	11.6	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	-16.1	-25.8	30.4	237.9	0.247	0.677	0.719	57.1	-10.5	-34.3	35.9	252.8	10.3	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	-15.8	-33.0	36.6	244.3	0.277	0.748	0.908	55.1	-10.3	-41.2	42.5	255.8	12.3	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	-36.1	30.2	47.0	140.0	0.206	0.603	0.059	58.9	-42.3	46.5	62.9	132.3	19.2	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	-34.2	20.2	39.7	149.4	0.187	0.633	0.14	57.9	-36.8	29.6	47.3	141.1	11.3	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	-28.2	9.0	29.6	162.2	0.246	0.66	0.302	58.9	-34.0	18.3	38.6	151.6	11.4	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	-25.1	2.1	25.2	175.0	0.248	0.648	0.368	60.5	-31.1	8.2	32.2	165.2	9.7	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	-21.7	-3.6	22.1	189.6	0.267	0.631	0.427	62.0	-26.5	-3.7	26.8	188.1	7.2	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	-18.9	-8.5	20.7	204.2	0.28	0.611	0.471	62.2	-21.9	-15.0	26.6	214.3	9.1	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	-17.0	-12.8	21.3	216.9	0.279	0.593	0.503	61.9	-19.0	-25.6	31.9	233.3	14.1	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	-19.5	-20.9	28.6	227.0	0.239	0.704	0.657	61.5	-16.5	-31.9	35.9	242.6	11.5	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	-21.0	-29.2	36.0	234.3	0.237	0.817	0.846	60.9	-16.4	-39.4	42.7	247.3	11.4	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	-44.3	32.7	55.0	143.5	0.184	0.717	0.06	63.5	-50.0	47.7	69.1	136.3	18.1	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	-42.6	22.9	48.4	151.7	0.155	0.758	0.144	64.6	-48.7	35.2	60.1	144.1	16.0	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	-35.2	11.3	37.0	162.2	0.231	0.77	0.332	64.8	-45.6	23.5	51.3	152.7	16.6	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	-32.2	4.3	32.5	172.2	0.23	0.759	0.406	66.5	-40.4	11.9	42.2	163.5	12.5	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	-28.9	-1.6	29.0	183.2	0.236	0.753	0.47	66.9	-35.7	-0.4	35.7	180.7	8.8	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	-25.4	-7.2	26.4	195.9	0.246	0.746	0.534	67.4	-30.7	-9.6	32.2	197.3	8.0	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	-23.1	-11.7	25.9	206.9	0.25	0.738	0.579	65.8	-26.0	-19.6	32.6	217.0	9.4	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	-21.3	-16.0	26.7	216.9	0.246	0.726	0.616	66.2	-22.2	-29.6	37.0	233.0	14.5	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	-23.8	-24.0	33.9	225.1	0.243	0.847	0.788	64.7	-18.6	-35.8	40.4	242.4	12.8	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	-52.2	35.3	63.1	145.9	0.173	0.835	0.065	62.2	-53.6	44.5	69.7	140.2	9.6	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	-50.6	25.9	56.8	152.9	0.171	0.856	0.173	64.1	-49.0	34.6	60.0	144.7	9.5	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	-42.3	13.5	44.4	162.2	0.235	0.869	0.348	62.6	-49.8	26.2	56.3	152.2	14.9	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	-39.4	6.6	39.9	170.4	0.234	0.866	0.419	62.7	-47.1	15.1	49.4	162.1	11.7	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	-36.1	0.2	36.1	179.5	0.241	0.864	0.487	63.7	-41.5	3.0	41.6	175.8	6.4	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	-32.6	-5.5	33.1	189.6	0.248	0.864	0.562	64.1	-35.6	-9.9	36.9	195.6	5.8	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	-29.6	-10.5	31.4	199.6	0.252	0.86	0.628	65.2	-31.2	-15.8	35.0	206.8	5.7	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	-27.4	-15.0	31.2	208.7	0.259	0.864	0.691	65.0	-27.2	-23.8	36.1	221.1	8.8	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	-25.6	-19.2	32.0	216.9	0.259	0.865	0.743	61.1	-25.3	-35.2	43.4	234.2	16.6	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

1-1132130-F0 RE730-7N, Page 22/33-F

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
colors and differences, $\Delta E'^*$

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

1-1132130-F0

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	19.9	9.5	22.1	25.4	0.289	0.0	0.064	30.3	27.2	22.2	35.2	39.2	14.9	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	21.9	1.6	21.9	4.3	0.287	0.0	0.153	32.0	25.7	9.6	27.5	20.4	9.9	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	22.0	−5.2	22.7	346.6	0.25	0.0	0.212	31.0	30.7	−0.5	30.7	358.9	10.6	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	16.5	−10.0	19.3	328.6	0.125	0.0	0.25	31.9	36.7	−9.1	37.8	345.9	21.9	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	16.8	−16.6	23.7	315.3	0.125	0.0	0.25	31.7	39.1	−15.6	42.1	338.1	23.6	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	17.2	−23.0	28.8	306.8	0.125	0.0	0.375	32.2	42.3	−21.3	47.4	333.2	25.9	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	16.9	−29.1	33.7	300.1	0.054	0.0	0.405	32.4	45.0	−26.9	52.5	329.1	28.5	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	16.6	−35.0	38.7	295.4	0.053	0.036	0.495	33.3	45.9	−30.6	55.2	326.2	29.7	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	16.8	−40.5	43.9	292.5	0.047	0.083	0.623	33.4	45.6	−32.1	55.7	324.8	29.9	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	17.7	18.7	25.8	46.6	0.321	0.027	0.013	37.2	9.7	29.1	30.7	71.4	14.7	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	13.3	6.3	14.7	25.4	0.319	0.115	0.179	37.6	12.2	16.9	20.9	54.0	11.3	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	15.7	−2.2	15.9	352.0	0.312	0.125	0.251	36.0	18.0	2.8	18.3	9.0	5.8	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	11.0	−6.7	12.8	328.6	0.227	0.121	0.234	38.4	25.0	−9.1	26.6	339.8	16.0	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	11.4	−13.3	17.5	310.5	0.212	0.119	0.304	39.4	26.4	−15.5	30.6	329.5	16.9	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	11.3	−19.4	22.5	300.1	0.208	0.134	0.398	39.7	30.2	−21.3	37.0	324.7	19.8	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	11.0	−25.2	27.5	293.5	0.185	0.153	0.5	41.6	31.4	−27.1	41.5	319.1	21.0	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	11.0	−30.7	32.6	289.7	0.155	0.167	0.605	37.8	39.8	−33.8	52.2	319.6	29.0	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	11.0	−36.2	37.8	286.9	0.152	0.198	0.754	37.6	37.9	−34.7	51.4	317.5	27.4	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	8.0	23.5	24.8	71.1	0.342	0.131	0.036	42.7	−0.4	38.3	38.3	90.6	18.2	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	8.5	14.1	16.4	58.8	0.342	0.16	0.143	45.4	0.8	22.4	22.4	87.9	13.7	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	6.6	3.1	7.3	25.4	0.336	0.232	0.256	43.6	6.9	7.0	9.8	45.4	5.2	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	5.5	−3.3	6.4	328.6	0.3	0.237	0.294	44.8	11.9	−7.0	13.8	329.3	9.6	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	5.6	−9.7	11.2	300.1	0.298	0.253	0.35	45.7	14.8	−15.6	21.5	313.5	12.2	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	5.5	−15.3	16.3	289.7	0.3	0.278	0.434	47.0	17.3	−21.6	27.7	308.6	14.0	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	5.6	−21.0	21.7	285.0	0.292	0.297	0.539	48.2	18.8	−26.9	32.9	305.0	14.7	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	5.7	−26.7	27.4	282.1	0.269	0.314	0.673	44.4	27.0	−34.8	44.0	307.8	23.0	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	5.8	−32.5	33.0	280.2	0.298	0.374	0.805	42.4	27.3	−36.1	45.3	307.0	23.2	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	−1.0	26.2	26.2	92.3	0.336	0.244	0.073	51.8	−10.2	44.8	45.9	102.9	23.0	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	17.4	17.5	92.3	0.337	0.264	0.153	54.0	−8.6	31.8	32.9	105.1	19.5	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	8.7	8.7	92.3	0.343	0.303	0.24	51.5	−5.6	13.8	14.9	112.1	9.9	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	−5.5	5.5	271.7	0.364	0.373	0.406	50.4	2.7	−14.3	14.6	280.9	9.2	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	−11.1	11.1	271.7	0.378	0.402	0.48	51.6	5.4	−20.3	21.1	284.8	10.5	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	−16.7	16.7	271.7	0.392	0.441	0.584	53.0	7.9	−25.5	26.7	287.3	11.5	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	0.6	−22.3	22.3	271.7	0.406	0.483	0.722	51.7	14.5	−34.3	37.3	293.0	19.1	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	0.8	−27.9	27.9	271.7	0.41	0.522	0.828	48.4	16.5	−36.0	39.7	294.6	20.9	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	−12.2	36.3	38.3	108.6	0.338	0.405	0.053	51.3	−14.3	49.0	51.0	106.2	12.8	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	−11.0	24.4	26.8	114.4	0.318	0.386	0.137	57.7	−15.0	33.8	37.0	114.0	12.9	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	−9.8	12.9	16.2	127.2	0.327	0.402	0.232	56.7	−13.1	17.2	21.6	127.2	8.8	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	−7.0	2.2	7.4	162.2	0.348	0.429	0.341	56.1	−10.1	3.5	10.7	160.9	5.9	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	−4.2	−3.2	5.3	216.9	0.36	0.423	0.397	56.7	−7.4	−11.0	13.3	236.1	10.0	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	−5.2	−11.0	12.2	244.3	0.374	0.471	0.493	55.8	−4.2	−19.8	20.2	257.9	8.8	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	−4.7	−16.9	17.6	254.3	0.393	0.517	0.605	56.4	−2.1	−24.9	25.0	265.0	8.4	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	−4.3	−22.5	22.9	258.9	0.402	0.556	0.736	58.1	1.7	−33.0	33.0	273.0	12.3	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	−4.0	−28.0	28.3	261.6	0.409	0.596	0.861	53.2	6.8	−36.1	36.7	280.8	16.6	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	−20.8	37.4	42.8	119.1	0.322	0.536	0.061	55.3	−23.5	50.1	55.4	115.1	13.2	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	−19.7	25.8	32.5	127.2	0.298	0.508	0.132	61.7	−21.7	37.1	43.0	120.3	14.4	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	−18.0	15.1	23.5	140.0	0.317	0.522	0.236	61.4	−21.3	22.1	30.7	133.9	11.0	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	−14.1	4.5	14.8	162.2	0.348	0.532	0.356	61.8	−19.4	8.0	21.0	157.4	8.7	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	−10.8	−1.8	11.0	189.6	0.364	0.518	0.42	62.1	−14.8	−4.0	15.3	195.3	7.2	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	−8.5	−6.4	10.6	216.9	0.371	0.501	0.458	63.4	−12.8	−15.6	20.2	230.4	12.4	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	−10.5	−14.6	18.0	234.3	0.366	0.575	0.586	62.2	−9.9	−24.4	26.3	247.8	10.0	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	−10.5	−22.0	24.4	244.3	0.391	0.642	0.735	62.4	−7.6	−29.2	30.1	255.3	7.8	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	−9.8	−28.2	29.9	250.7	0.408	0.7	0.896	58.1	−4.4	−37.0	37.3	263.1	13.2	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	−29.5	38.8	48.8	127.2	0.305	0.642	0.06	63.5	−31.8	55.8	64.3	119.6	18.6	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	−28.3	27.8	39.7	135.4	0.284	0.636	0.135	66.7	−30.6	40.3	50.6	127.1	16.1	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	−26.1	17.6	31.5	145.9	0.307	0.644	0.25	66.3	−28.8	25.8	38.7	138.1	12.0	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	−21.1	6.7	22.2	162.2	0.344	0.637	0.375	66.8	−25.9	13.3	29.2	152.7	10.2	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	−18.0	0.1	18.0	179.5	0.354	0.63	0.446	68.0	−22.0	3.1	22.2	171.8	8.4	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	−14.8	−5.2	15.7	199.6	0.368	0.618	0.505	67.6	−19.1	−9.9	21.5	207.4	8.7	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	−12.8	−9.6	16.0	216.9	0.37	0.599	0.544	67.7	−17.3	−21.2	27.4	230.7	14.0	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	−15.0	−17.7	23.3	229.7	0.367	0.684	0.679	67.4	−13.8	−28.2	31.4	243.8	10.8	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	−16.1	−25.8	30.4	237.9	0.38	0.789	0.85	66.5	−13.0	−33.3	35.7	248.6	8.4	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	−38.2	40.8	56.0	133.0	0.277	0.752	0.058	67.9	−38.7	57.9	69.7	123.7	18.8	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	−36.1	30.2	47.0	140.0	0.279	0.763	0.152	71.1	−38.6	47.1	60.9	129.3	19.9	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	−34.2	20.2	39.7	149.4	0.284	0.772	0.262	71.0	−36.0	30.3	47.1	139.9	13.5	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	−28.2	9.0	29.6	162.2	0.325	0.767	0.41	72.6	−34.0	20.4	39.6	149.0	14.6	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	−25.1	2.1	25.2	175.0	0.326	0.759	0.485	73.1	−30.5	8.4	31.7	164.5	11.0	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	−21.7	−3.6	22.1	189.6	0.346	0.749	0.552	72.4	−26.9	−2.4	27.0	185.2	7.8	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	−18.9	−8.5	20.7	204.2	0.367	0.729	0.597	71.6	−23.8	−14.3	27.7	211.0	9.0	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	−17.0	−12.8	21.3	216.9	0.371	0.709	0.634	71.6	−19.1	−26.4	32.6	234.0	14.8	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	−19.5	−20.9	28.6	227.0	0.374	0.818	0.792	70.4	−16.4	−31.2	35.2	242.2	10.7	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	−46.0	43.5	63.3	136.5	0.275	0.856	0.058	69.3	−44.0	57.2	72.1	127.5	14.7	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	−44.3	32.7	55.0	143.5	0.274	0.856	0.164	69.7	−43.0	47.7	64.2	131.9	15.8	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	−42.6	22.9	48.4	151.7	0.276	0.871	0.271	70.8	−39.2	31.4	50.2	141.2	10.2	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	−35.2	11.3	37.0	162.2	0.32	0.874	0.432	70.5	−38.1	22.9	44.5	148.9	12.0	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	−32.2	4.3	32.5	172.2	0.327	0.873	0.508	71.1	−34.5	13.1	36.9	159.2	9.0	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	−28.9	−1.6	29.0	183.2	0.357	0.908	0.61	71.8	−30.4	0.7	30.4	178.6	2.8	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	−25.4	−7.2	26.4	195.9	0.373	0.867	0.669	71.4	−26.3	−11.6	28.8	203.8	4.4	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	−23.1	−11.7	25.9	206.9	0.387	0.852	0.715	71.2	−23.7	−18.0	29.8	217.1	6.3	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	−21.3	−16.0	26.7	216.9	0.388	0.837	0.752	70.0	−19.9	−28.6	34.8	235.1	12.6	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9

Mean color difference of this page: **delta** **13.9**

1−1132230−F0

RE730−7N, Page 23/33−F

TUB-test chart RE73; 1080 standard colours, cf=0,9
colors and differences, $\Delta E'^*$

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

TUB registration: 20150701-RE73/RE73L0FP.PDF /.PS
application for measurement of laser printer output, separation cmyn6* (CMYK)

TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 24/33

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				
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	26.6	12.6	29.5	25.4	0.376	0.0	0.091	32.6	38.4	27.1	47.1	35.2	18.7	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	28.2	4.9	28.7	9.8	0.372	0.0	0.176	34.4	34.7	17.7	38.9	27.0	14.6	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	31.5	−4.4	31.8	352.0	0.369	0.013	0.304	33.6	37.5	6.2	38.0	9.4	12.3	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	26.9	−8.8	28.3	341.8	0.282	0.0	0.288	33.5	42.3	−3.5	42.5	355.1	16.9	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	22.0	−13.4	25.7	328.6	0.172	0.0	0.25	34.4	45.4	−10.4	46.6	347.0	25.1	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	22.3	−20.0	30.0	318.1	0.141	0.0	0.376	34.6	48.3	−16.4	51.0	341.2	27.6	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	22.8	−26.6	35.0	310.5	0.128	0.0	0.421	35.0	49.8	−22.9	54.9	335.2	28.3	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	22.9	−32.8	40.0	304.9	0.099	0.014	0.5	36.1	51.2	−26.9	57.8	332.2	29.6	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	22.6	−38.9	45.0	300.1	0.067	0.048	0.749	35.9	50.0	−28.9	57.8	329.9	29.4	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	25.5	22.2	33.8	41.0	0.418	0.037	0.04	39.0	21.7	35.4	41.5	58.5	14.7	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	19.9	9.5	22.1	25.4	0.427	0.114	0.213	41.0	20.3	23.3	30.9	48.8	14.2	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	21.9	1.6	21.9	4.3	0.415	0.121	0.286	40.0	23.2	10.0	25.2	23.3	8.8	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	22.0	−5.2	22.7	346.6	0.366	0.121	0.328	40.1	28.2	−1.4	28.3	357.1	7.9	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	16.5	−10.0	19.3	328.6	0.272	0.112	0.315	41.6	33.7	−10.4	35.2	342.8	19.0	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	16.8	−16.6	23.7	315.3	0.25	0.107	0.395	41.6	37.5	−16.3	40.9	336.4	22.1	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	17.2	−23.0	28.8	306.8	0.229	0.121	0.497	42.9	39.4	−21.9	45.1	330.9	23.3	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	16.9	−29.1	33.7	300.1	0.192	0.128	0.594	41.1	45.0	−29.4	53.8	326.8	28.3	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	16.6	−35.0	38.7	295.4	0.178	0.156	0.738	39.2	43.3	−31.4	53.5	324.0	26.9	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	17.0	28.2	32.9	58.8	0.45	0.124	0.047	44.3	7.9	41.5	42.3	79.1	17.0	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	17.7	18.7	25.8	46.6	0.464	0.136	0.154	47.9	7.3	28.4	29.4	75.4	16.0	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	13.3	6.3	14.7	25.4	0.445	0.222	0.286	46.3	11.1	14.3	18.1	52.1	8.6	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	15.7	−2.2	15.9	352.0	0.428	0.222	0.358	46.9	16.0	1.3	16.1	4.7	4.5	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	11.0	−6.7	12.8	328.6	0.338	0.223	0.345	49.4	20.8	−9.3	22.8	335.8	13.1	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	11.4	−13.3	17.5	310.5	0.327	0.232	0.418	48.1	25.2	−15.7	29.7	328.0	15.3	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	11.3	−19.4	22.5	300.1	0.317	0.248	0.52	49.9	26.2	−21.0	33.6	321.1	16.1	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	11.0	−25.2	27.5	293.5	0.295	0.267	0.652	47.5	32.8	−30.0	44.5	317.5	22.3	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	11.0	−30.7	32.6	289.7	0.325	0.334	0.792	44.2	33.7	−32.0	46.5	316.4	23.3	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	7.7	32.7	33.6	76.7	0.463	0.227	0.059	48.8	−1.2	47.1	47.1	91.5	17.5	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	8.0	23.5	24.8	71.1	0.465	0.232	0.146	55.4	−1.8	35.6	35.6	92.9	18.2	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	8.5	14.1	16.4	58.8	0.484	0.276	0.254	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	6.6	3.1	7.3	25.4	0.458	0.335	0.361	53.1	5.6	5.0	7.5	41.7	3.6	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	5.5	−3.3	6.4	328.6	0.402	0.335	0.394	54.6	10.6	−7.2	12.8	325.7	8.7	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	5.6	−9.7	11.2	300.1	0.403	0.354	0.468	54.5	15.0	−14.1	20.6	316.8	11.2	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	5.5	−15.3	16.3	289.7	0.415	0.394	0.57	55.5	15.7	−19.5	25.1	308.8	11.3	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	5.6	−21.0	21.7	285.0	0.423	0.432	0.703	53.8	22.1	−29.8	37.1	306.6	18.8	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	5.7	−26.7	27.4	282.1	0.43	0.475	0.815	51.1	22.5	−31.5	38.8	305.5	18.7	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	−1.4	34.9	35.0	92.3	0.444	0.327	0.083	58.5	−10.2	57.3	58.2	100.0	25.4	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	−1.0	26.2	26.2	92.3	0.443	0.338	0.165	62.8	−9.9	42.3	43.4	103.1	21.4	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	17.4	17.5	92.3	0.464	0.374	0.255	62.4	−7.8	27.0	28.1	106.2	15.0	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	8.7	8.7	92.3	0.464	0.416	0.345	61.3	−4.4	11.0	11.8	112.1	8.0	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	−5.5	5.5	271.7	0.482	0.496	0.532	61.1	3.0	−12.8	13.2	283.3	8.1	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	−11.1	11.1	271.7	0.492	0.523	0.604	61.6	5.4	−18.1	19.0	286.7	8.6	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	−16.7	16.7	271.7	0.497	0.56	0.728	62.3	9.7	−27.0	28.7	289.7	13.9	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	0.6	−22.3	22.3	271.7	0.51	0.6	0.845	57.5	11.5	−30.8	32.9	290.5	16.7	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	−13.1	48.7	50.4	105.1	0.476	0.55	0.07	61.6	−14.7	60.5	62.3	103.7	11.9	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	−12.2	36.3	38.3	108.6	0.441	0.504	0.14	66.8	−14.9	47.4	49.7	107.4	13.0	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	−11.0	24.4	26.8	114.4	0.438	0.506	0.234	67.3	−14.3	32.4	35.4	113.7	11.4	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	−9.8	12.9	16.2	127.2	0.434	0.518	0.332	67.3	−12.0	17.6	21.3	124.3	9.2	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	−7.0	2.2	7.4	162.2	0.455	0.542	0.452	68.1	−9.6	4.1	10.5	156.5	7.7	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	−4.2	−3.2	5.3	216.9	0.471	0.54	0.517	67.3	−6.7	−11.6	13.5	239.8	10.7	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	−5.2	−11.0	12.2	244.3	0.485	0.59	0.609	67.6	−3.4	−16.4	16.7	258.2	6.2	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	−4.7	−16.9	17.6	254.3	0.49	0.633	0.747	67.7	−1.3	−23.9	23.9	266.7	7.7	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	−4.3	−22.5	22.9	258.9	0.511	0.675	0.869	63.6	1.8	−29.9	30.0	273.4	11.6	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	−22.1	48.8	53.6	114.4	0.427	0.665	0.07	69.6	−23.0	66.2	70.1	109.1	18.5	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	−20.8	37.4	42.8	119.1	0.401	0.631	0.142	71.8	−22.7	54.0	58.6	112.8	18.9	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	−19.7	25.8	32.5	127.2	0.407	0.624	0.24	72.1	−21.4	35.7	41.7	120.9	13.6	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	−18.0	15.1	23.5	140.0	0.413	0.627	0.34	73.0	−20.2	22.1	29.9	132.4	11.9	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	−14.1	4.5	14.8	162.2	0.441	0.642	0.468	73.0	−16.4	10.1	19.2	148.2	9.3	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	−10.8	−1.8	11.0	189.6	0.462	0.628	0.533	72.9	−13.8	−1.9	13.9	187.8	7.1	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	−8.5	−6.4	10.6	216.9	0.476	0.615	0.572	73.7	−12.5	−15.0	19.5	230.3	12.1	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	−10.5	−14.6	18.0	234.3	0.475	0.697	0.717	72.6	−9.9	−22.4	24.5	246.1	8.3	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	−10.5	−22.0	24.4	244.3	0.509	0.775	0.882	69.6	−7.8	−28.8	29.9	254.7	8.4	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	−30.7	50.2	58.8	121.4	0.393	0.759	0.061	74.1	−29.9	67.7	74.0	113.8	19.1	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	−29.5	38.8	48.8	127.2	0.377	0.736	0.137	76.3	−29.2	56.4	63.6	117.4	20.3	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	−28.3	27.8	39.7	135.4	0.385	0.746	0.239	75.7	−28.7	37.5	47.2	127.5	13.2	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	−26.1	17.6	31.5	145.9	0.394	0.754	0.348	75.8	−27.6	24.0	36.6	138.9	10.3	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	−21.1	6.7	22.2	162.2	0.425	0.767	0.5	77.2	−25.3	14.4	29.1	150.3	10.8	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	−18.0	0.1	18.0	179.5	0.446	0.761	0.576	78.2	−22.9	5.3	23.5	166.9	10.0	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	−14.8	−5.2	15.7	199.6	0.471	0.746	0.636	77.5	−19.6	−7.8	21.1	201.8	8.0	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	−12.8	−9.6	16.0	216.9	0.478	0.725	0.673	77.5	−15.5	−20.5	25.7	232.9	12.9	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	−15.0	−17.7	23.3	229.7	0.484	0.818	0.82	74.6	−13.1	−26.3	29.4	243.5	8.8	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	−39.4	51.7	65.0	127.2	0.373	0.887	0.068	73.9	−38.0	64.8	75.2	120.4	13.8	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	−38.2	40.8	56.0	133.0	0.363	0.863	0.159	75.2	−36.4	56.9	67.5	122.6	16.9	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	−36.1	30.2	47.0	140.0	0.374	0.871	0.25	74.9	−35.2	42.0	54.8	130.0	12.5	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	−34.2	20.2	39.7	149.4	0.37	0.871	0.37	76.5	−30.9	26.7	40.9	139.2	8.5	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	−28.2	9.0	29.6	162.2	0.452	0.99	0.581	77.7	−27.5	17.5	32.6	147.4	8.8	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	−25.1	2.1	25.2	175.0	0.456	0.924	0.639	78.0	−25.5	9.2	27.1	160.1	7.3	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	−21.7	−3.6	22.1	189.6	0.474	0.873	0.694	77.5	−21.6	−5.3	22.2	193.8	1.9	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	−18.9	−8.5	20.7	204.2	0.494	0.854	0.74	76.7	−19.5	−13.7	23.9	215.1	5.3	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	−17.0	−12.8	21.3	216.9	0.494	0.84	0.778	75.5	−15.9	−24.6	29.3	237.0	11.8	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**

1−1132330−F0

RE730−7N, Page 24/33−F

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
colors and differences, $\Delta E'^*$

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

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 25/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde				
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	33.3	15.8	36.9	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	34.7	8.1	35.7	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	37.5	0.0	37.5	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	39.1	−6.6	39.7	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	32.4	−12.4	34.7	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	27.5	−16.7	32.2	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	27.9	−23.4	36.5	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	28.3	−29.9	41.2	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	28.3	−36.5	46.2	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	32.8	25.3	41.4	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	26.6	12.6	29.5	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	28.2	4.9	28.7	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	31.5	−4.4	31.8	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	26.9	−8.8	28.3	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	22.0	−13.4	25.7	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	22.3	−20.0	30.0	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	22.8	−26.6	35.0	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	22.9	−32.8	40.0	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	26.5	32.8	42.2	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	25.5	22.2	33.8	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	19.9	9.5	22.1	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	21.9	1.6	21.9	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	22.0	−5.2	22.7	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	16.5	−10.0	19.3	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	16.8	−16.6	23.7	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	17.2	−23.0	28.8	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	16.9	−29.1	33.7	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	16.2	37.8	41.1	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	17.0	28.2	32.9	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	17.7	18.7	25.8	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	13.3	6.3	14.7	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	15.7	−2.2	15.9	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	11.0	−6.7	12.8	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	11.4	−13.3	17.5	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	11.3	−19.4	22.5	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	11.0	−25.2	27.5	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	7.4	42.3	42.9	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	7.7	32.7	33.6	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	8.0	23.5	24.8	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	8.5	14.1	16.4	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	6.6	3.1	7.3	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	5.5	−3.3	6.4	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	5.6	−9.7	11.2	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	5.5	−15.3	16.3	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	5.6	−21.0	21.7	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	−1.7	43.7	43.7	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	−1.4	34.9	35.0	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	−1.0	26.2	26.2	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	17.4	17.5	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	8.7	8.7	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
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	−5.5	5.5	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	−11.1	11.1	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	−16.7	16.7	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	−13.8	60.8	62.3	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	−13.1	48.7	50.4	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	−12.2	36.3	38.3	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	−11.0	24.4	26.8	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	−9.8	12.9	16.2	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	−7.0	2.2	7.4	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	−4.2	−3.2	5.3	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	−5.2	−11.0	12.2	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	−4.7	−16.9	17.6	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	−23.1	60.5	64.8	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	−22.1	48.8	53.6	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	−20.8	37.4	42.8	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	−19.7	25.8	32.5	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	−18.0	15.1	23.5	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	−14.1	4.5	14.8	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	−10.8	−1.8	11.0	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	−8.5	−6.4	10.6	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	−10.5	−14.6	18.0	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	−32.4	61.1	69.2	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	−30.7	50.2	58.8	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	−29.5	38.8	48.8	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	−28.3	27.8	39.7	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	−26.1	17.6	31.5	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	−21.1	6.7	22.2	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	−18.0	0.1	18.0	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	−14.8	−5.2	15.7	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	−12.8	−9.6	16.0	216.9

n	rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
405	0.499	0.015	0.151	35.7	44.9	29.4	53.7	33.2	17.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
406	0.5	0.021	0.236	36.9	42.3	23.1	48.2	28.6	16.9	362	1.0	0.0	0.461	45.9	61.7	14.5	63.4	13.2
407	0.499	0.028	0.338	35.6	44.0	13.1	46.0	16.5	14.7	346	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359.8
408	0.487	0.036	0.427	35.3	46.7	2.9	46.8	3.6	12.2	329	0.981	0.0	1.0	47.2	69.5	−11.7	70.5	350.4
409	0.327	0.007	0.386	36.0	50.4	−5.4	50.7	353.8	19.9	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
410	0.25	0.0	0.375	36.7	53.6	−12.4	55.1	346.9	27.8	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
411	0.193	0.0	0.439	37.9	54.9	−18.4	58.0	341.4	29.1	286	0.295	0.0	1.0	32.0	41.4	−34.7	54.0	320.0
412	0.161	0.007	0.53	38.7	55.5	−22.5	59.9	337.8	29.6	280	0.198	0.0	1.0	31.2	36.0	−38.0	52.4	313.4
413	0.12	0.031	0.683	38.7	55.4	−24.5	60.6	336.0	30.5	276	0.124	0.0	1.0	31.2	31.4	−40.6	51.4	307.7
414	0.535	0.045	0.072	40.9	30.7	38.1	49.0	51.1	13.6	32	1.0	0.044	0.0	49.0	58.3	45.1	73.7	37.7
415	0.557	0.124	0.253	43.7	29.0	29.8	41.5	45.7	17.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
416	0.543	0.127	0.332	42.8	30.4	16.5	34.6	28.4	11.9	358	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
417	0.53	0.131	0.442	42.8	33.1	5.5	33.6	9.4	10.1	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
418	0.41	0.121	0.406	43.9	37.4	−3.0	37.5	355.4	12.9	315	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
419	0.315	0.108	0.397	44.1	42.4	−11.4	43.9	344.8	22.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
420	0.284	0.105	0.492	45.3	45.1	−17.2	48.2	339.0	24.7	284	0.263	0.0	1.0	31.4	39.8	−35.6	53.4	318.1
421	0.255	0.111	0.601	44.7	49.7	−23.4	55.0	334.7	28.1	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
422	0.231	0.129	0.728	42.4	48.2	−27.0	55.3	330.6	26.1	274	0.081	0.0	1.0	31.4	29.1	−41.7	50.8	304.9
423	0.579	0.127	0.056	45.9	17.1	43.9	47.2	68.7	15.2	40	1.0	0.186	0.0	56.5	47.1	58.4	75.1	51.0
424	0.588	0.143	0.184	51.1	15.1	33.4	36.7	65.6	17.0	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
425	0.572	0.226	0.33	50.7	17.7	20.6	27.2	49.2	11.7	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
426	0.556	0.225	0.405	50.7	21.4	8.5	23.1	21.8	7.6	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
427	0.508	0.223	0.454	51.5	25.2	−1.5	25.2	356.5	6.6	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
428	0.379	0.216	0.417	52.1	30.6	−11.1	32.5	340.0	16.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
429	0.361	0.219	0.508	53.0	31.8	−15.2	35.2	334.4	17.6	282	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3
430	0.344	0.231	0.633	51.4	39.9	−24.0	46.6	328.8	23.4	275	0.11	0.0	1.0	31.3	30.7	−41.0	51.2	306.8
431	0.346	0.273	0.772	47.5	39.9	−27.2	48.3	325.7	23.0	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
432	0.602	0.236	0.059	50.2	5.5	49.2	49.5	83.5	15.9	50	1.0	0.359	0.0	65.9	28.9	67.2	73.1	66.6
433	0.597	0.224	0.157	57.9	4.5	39.8	40.1	83.5	19.4	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
434	0.614	0.251	0.265	57.7	7.7	25.4	26.6	73.1	14.1	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
435	0.581	0.331	0.405	57.4	9.9	13.2	16.5	52.9	8.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
436	0.563	0.328	0.488	58.3	13.3	2.5	13.6	10.8	6.7	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
437	0.464	0.33	0.466	58.5	19.1	−8.6	21.0	335.6	11.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
438	0.451	0.348	0.554	58.3	21.3	−14.0	25.5	326.6	11.8	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
439	0.446	0.379	0.685	59.0	28.8	−22.8	36.8	321.6	18.5	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
440	0.459	0.432	0.805	54.6	29.0	−26.5	39.3	317.5	18.2	266	0.0	0.062	1.0	33.2	19.5	−44.8	48.9	293.5
441	0.613	0.342	0.067	59.8	−3.5	59.7	59.8	93.3	21.7	64	1.0	0.574	0.0	74.5	13.1	75.2	76.3	80.0
442	0.59	0.324	0.154	64.6	−4.1	48.7	48.9	94.8	22.4	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
443	0.6	0.356	0.251	64.9	−1.9	32.2	32.3	93.3	15.9	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
444	0.609	0.385	0.362	64.7	0.6	19.0	19.0	87.9	11.7	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
445	0.58	0.447	0.485	64.0	4.8	5.9	7.7	50.8	5.1	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
446	0.528	0.456	0.523	64.5	10.1	−6.6	12.1	326.7	8.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
447	0.522	0.478	0.597	64.8	12.6	−12.7	18.0	314.7	8.9	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
448	0.53	0.515	0.718	66.6	18.0	−20.6	27.3	311.1	14.0	264	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
449	0.533	0.555	0.827	62.6	18.2	−24.2	30.3	306.9	13.3	262	0.0	0.149	1.0	34.8	12.5	−46.7	48.3	285.0
450	0.571	0.431	0.101	68.8	−11.7	69.1	70.1	99.6	29.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
451	0.569	0.44	0.182	71.9	−11.2	56.2	57.3	101.3	26.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
452	0.577	0.466	0.269	72.4	−9.6	39.2	40.4	103.8	18.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
453	0.584	0.495	0.364	72.3	−7.0	25.9	26.8	105.2	13.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
454	0.581	0.533	0.465	72.0	−4.3	10.7	11.5	111.9	8.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
455	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	0.597	0.614	0.652	71.2	3.2	−11.2	11.7	286.2	6.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
457	0.603	0.645	0.742	71.9	6.1	−17.9	18.9	289.0	8.9	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
458	0.613	0.687	0.862	69.4	7.9	−22.7	24.0	289.3	10.7	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
459	0.605	0.667	0.086	75.3	−16.1	76.3	78.0	101.9	15.9	101	0.796	1.0	0.0	90.6	−20.4	90.1	92.4	102.7
460	0.581	0.645	0.166	76.9	−16.5	60.7	62.9	105.2	13.7	104	0.732	1.0	0.0	88.1	−23.4	86.6	89.7	105.1
461	0.567	0.632	0.251	77.3	−15.3	45.1	47.7	108.7	11.5	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
462	0.551	0.633	0.349	77.9	−13.8	32.9	35.7	112.8	12.0	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
463	0.538	0.635	0.446	77.3	−11.4	20.5	23.5	119.1	10.9	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
464	0.567	0.661	0.573	77.1	−10.1	6.6	12.1	146.9	8.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
465	0.588	0.662	0.644	77.2	−6.5	−8.9	11.1	233.7	8.6	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
466	0.598	0.718	0.753	77.3	−3.3	−15.9	16.3	258.2	5.7	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
467	0.617	0.766	0.892	74.9	−3.3	−22.2	22.5	261.3	6.0	238	0.0	0.518	1.0	46.3	−14.0	−50.3	52.2	254.3
468	0.531	0.786	0.086	81.3	−21.8	79.6	82.6	105.3	20.5	111	0.636	1.0	0.0	82.0	−29.4	76.8	82.3	110.9
469	0.52	0.765	0.171	81.8	−22.0	66.2	69.7	108.4	19.3	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
470	0.519	0.753	0.249	80.6	−20.5	44.2	48.8	114.8	10.2	118	0.518	1.0	0.0	75.0	−37.0	66.5	76.1	119.1
471	0.51	0.743	0.346	81.0	−20.2	33.4	39.1	121.2	11.1	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
472	0.508	0.758	0.458	81.9	−18.6	22.3	29.1	129.8	11.0	135	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
473	0.554	0.774	0.61	82.9	−16.6	13.2	21.2	141.4	11.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
474	0.583	0.761	0.677	82.7	−14.4	0.1	14.4	179.2	7.5	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
475	0.595	0.745	0.715	83.1	−11.3	−14.6	18.5	232.2	11.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
476	0.592	0.833	0.853	80.4	−10.2	−19.8	22.2	242.7	5.2	216	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
477	0.517	0.94	0.083	81.2	−30.0	75.6	81.4	111.6	15.5	117	0.535	1.0	0.0	76.0	−36.0	67.9	76.9	117.9
478	0.509	0.913	0.174	83.1	−27.9	66.8	72.5	112.7	18.2	121	0.482	1.0	0.0	73.3	−39.0	63.8	74.7	121.4
479	0.516	0.91	0.259	82.0	−28.1	53.5	60.4	117.7	15.8	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
480	0.517	0.92	0.362	81.1	−27.4	38.7	47.5	125.2	11.7	133	0.297	1.0	0.0	64.9	−50.3	49.5	70.6	135.4
481	0.514	0.935	0.488	82.4	−23.3	23.8	33.3	134.4	8.1	141	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9
482	0.558	0.975	0.668	84.0	−20.0	15.4	25.2	142.4	9.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
483	0.576	0.945	0.735	84.0	−16.9	3.8	17.4	167.3	4.7	175	0.0	1.0	0.428	55.9	−53.5	0.4	53.5	179.5
484	0.594	0.874	0.779	82.6	−14.6	−8.1	16.8	209.0	3.0	190	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199.6
485	0.598	0.858	0.814	81.5	−11.9	−17.9	21.6	236.3	8.4	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9

Mean color difference of this page: **delta** **14.4**

1−1132430−F0

RE730−7N, Page 25/33−F

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
colors and differences, $\Delta E'^*$

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

1−1132430−F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 26/33

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				
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	39.9	19.0	44.2	25.4	0.643	0.039	0.2	39.6	49.4	30.9	58.3	32.0	15.2	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	41.2	11.4	42.7	15.4	0.646	0.043	0.295	38.2	48.6	22.7	53.6	25.0	13.5	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	43.8	3.3	43.9	4.3	0.654	0.045	0.406	37.7	48.9	15.5	51.4	17.6	13.3	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	47.3	−6.6	47.8	352.0	0.643	0.049	0.548	37.3	50.7	7.3	51.2	8.2	14.5	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	44.1	−10.5	45.4	346.6	0.545	0.043	0.542	37.4	53.7	−1.0	53.7	358.8	13.4	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	37.9	−16.0	41.2	337.1	0.389	0.023	0.521	37.8	56.8	−9.0	57.6	350.9	20.5	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	33.0	−20.1	38.6	328.6	0.288	0.005	0.492	38.8	58.2	−14.0	59.8	346.4	27.2	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	33.3	−26.9	42.8	321.0	0.238	0.006	0.583	40.2	58.3	−18.4	61.2	342.5	28.2	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	33.7	−33.3	47.4	315.3	0.195	0.018	0.713	41.7	60.2	−19.1	63.1	342.3	31.8	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	39.9	28.5	49.0	35.5	0.665	0.048	0.087	47.1	40.4	46.6	61.6	49.0	19.4	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	33.3	15.8	36.9	25.4	0.683	0.132	0.302	47.4	34.2	32.8	47.4	43.8	17.1	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	34.7	8.1	35.7	13.2	0.675	0.135	0.394	46.9	35.7	23.1	42.6	32.8	15.1	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	37.5	0.0	37.5	359.8	0.659	0.135	0.495	45.9	37.7	14.4	40.4	20.9	14.6	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	39.1	−6.6	39.7	350.4	0.644	0.145	0.574	45.7	42.1	4.9	42.4	6.7	11.9	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	32.4	−12.4	34.7	339.0	0.473	0.126	0.519	46.0	46.0	−4.5	46.2	354.3	16.4	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	27.5	−16.7	32.2	328.6	0.362	0.109	0.512	46.5	50.1	−13.0	51.8	345.3	24.4	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	27.9	−23.4	36.5	320.0	0.323	0.107	0.609	47.3	52.4	−18.1	55.4	340.9	26.6	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	28.3	−29.9	41.2	313.4	0.297	0.114	0.731	46.9	53.1	−21.6	57.3	337.7	27.1	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	35.4	37.5	51.6	46.6	0.695	0.116	0.05	55.4	22.3	55.5	59.8	68.1	24.8	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	32.8	25.3	41.4	37.7	0.716	0.136	0.209	55.1	22.0	39.9	45.6	61.0	19.9	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	26.6	12.6	29.5	25.4	0.7	0.228	0.383	54.9	23.2	27.4	36.0	49.7	15.5	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	28.2	4.9	28.7	9.8	0.68	0.229	0.469	53.9	26.2	16.8	31.1	32.8	12.4	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	31.5	−4.4	31.8	352.0	0.675	0.236	0.583	54.0	28.8	8.0	29.9	15.5	12.9	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	26.9	−8.8	28.3	341.8	0.559	0.229	0.547	53.8	33.7	−2.3	33.8	356.0	10.5	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	22.0	−13.4	25.7	328.6	0.445	0.217	0.522	53.8	38.4	−12.4	40.4	342.0	18.3	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	22.3	−20.0	30.0	318.1	0.411	0.223	0.624	54.9	41.2	−17.3	44.7	337.1	21.1	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	22.8	−26.6	35.0	310.5	0.404	0.237	0.763	52.9	43.4	−21.9	48.6	333.2	21.8	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	25.5	42.3	49.4	58.8	0.702	0.203	0.058	60.4	11.7	60.4	61.5	79.0	25.0	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	26.5	32.8	42.2	51.0	0.733	0.2	0.164	61.5	11.9	47.0	48.5	75.7	22.6	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	25.5	22.2	33.8	41.0	0.745	0.239	0.306	61.4	12.5	31.0	33.4	67.9	17.5	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	19.9	9.5	22.1	25.4	0.711	0.331	0.472	60.6	15.7	20.3	25.7	52.2	12.0	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	21.9	1.6	21.9	4.3	0.697	0.336	0.556	60.7	17.8	11.1	21.0	31.9	10.7	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	22.0	−5.2	22.7	346.6	0.652	0.34	0.599	60.3	22.3	0.0	22.3	359.8	6.1	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	16.5	−10.0	19.3	328.6	0.521	0.339	0.562	59.8	27.7	−10.5	29.7	339.1	12.9	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	16.8	−16.6	23.7	315.3	0.498	0.354	0.672	61.0	32.8	−16.9	36.9	332.6	17.5	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	17.2	−23.0	28.8	306.8	0.505	0.388	0.796	58.5	35.3	−21.0	41.0	329.2	18.3	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	16.0	47.1	49.7	71.1	0.71	0.301	0.065	64.6	3.2	65.3	65.3	87.1	24.0	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	16.2	37.8	41.1	66.6	0.723	0.309	0.161	67.2	3.1	54.3	54.4	86.6	23.3	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	17.0	28.2	32.9	58.8	0.746	0.327	0.266	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	17.7	18.7	25.8	46.6	0.759	0.366	0.402	66.5	7.0	25.8	26.7	74.8	14.2	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	13.3	6.3	14.7	25.4	0.719	0.459	0.557	66.5	9.4	15.2	17.8	58.2	10.0	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	15.7	−2.2	15.9	352.0	0.711	0.473	0.647	65.7	14.0	3.5	14.5	14.2	6.2	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	11.0	−6.7	12.8	328.6	0.589	0.452	0.598	65.3	20.5	−9.2	22.5	335.6	10.7	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	11.4	−13.3	17.5	310.5	0.575	0.47	0.706	67.3	23.5	−15.4	28.1	326.8	13.4	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	11.3	−19.4	22.5	300.1	0.564	0.504	0.81	65.9	26.7	−19.0	32.8	324.4	15.5	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	7.0	51.7	52.2	82.2	0.71	0.415	0.077	73.4	−5.5	74.3	74.5	94.2	28.5	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	7.4	42.3	42.9	80.0	0.717	0.42	0.169	74.2	−5.1	60.6	60.8	94.8	25.0	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	7.7	32.7	33.6	76.7	0.737	0.445	0.266	74.1	−3.6	44.2	44.3	94.6	18.9	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	8.0	23.5	24.8	71.1	0.746	0.49	0.395	73.5	−1.6	32.8	32.8	92.9	15.4	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	8.5	14.1	16.4	58.8	0.745	0.524	0.521	73.1	1.4	21.4	21.5	86.1	11.6	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	0.683	0.625	0.655	70.0	6.6	3.1	7.3	25.4	0.722	0.594	0.638	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	0.627	0.625	0.75	68.6	5.5	−3.3	6.4	328.6	0.654	0.584	0.658	71.9	10.3	−6.5	12.2	327.7	6.6	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	0.625	0.625	0.875	70.1	5.6	−9.7	11.2	300.1	0.644	0.603	0.736	73.6	13.6	−13.6	19.2	315.1	9.5	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	0.75	0.663	1.0	72.9	5.5	−15.3	16.3	289.7	0.648	0.643	0.849	73.0	16.6	−16.7	23.6	314.8	11.2	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	−2.1	52.4	52.5	92.3	0.682	0.525	0.127	81.5	−13.2	83.1	84.2	99.0	35.6	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	−1.7	43.7	43.7	92.3	0.695	0.545	0.205	80.6	−12.0	67.6	68.6	100.0	28.5	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	−1.4	34.9	35.0	92.3	0.705	0.57	0.298	80.6	−10.8	50.9	52.0	101.9	21.2	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	−1.0	26.2	26.2	92.3	0.709	0.6	0.407	80.1	−9.0	39.7	40.7	102.8	17.8	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	17.4	17.5	92.3	0.711	0.635	0.516	80.4	−7.7	29.2	30.2	104.8	15.4	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	8.7	8.7	92.3	0.724	0.681	0.624	79.0	−4.2	13.7	14.4	107.1	7.6	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	−5.5	5.5	271.7	0.741	0.756	0.815	79.8	1.9	−10.2	10.4	280.7	5.0	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	−11.1	11.1	271.7	0.751	0.778	0.91	80.4	3.3	−15.2	15.6	282.4	5.2	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	−14.8	72.2	73.7	101.6	0.728	0.802	0.105	88.3	−16.5	89.8	91.3	100.4	18.6	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	−13.8	60.8	62.3	102.7	0.734	0.796	0.187	86.0	−16.6	75.6	77.4	102.3	15.6	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	−13.1	48.7	50.4	105.1	0.721	0.787	0.273	85.1	−16.2	55.3	57.6	106.3	8.2	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	−12.2	36.3	38.3	108.6	0.7	0.78	0.395	85.1	−15.4	45.6	48.1	108.6	10.9	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	−11.0	24.4	26.8	114.4	0.681	0.776	0.51	85.5	−14.4	35.1	38.0	112.3	12.6	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	−9.8	12.9	16.2	127.2	0.675	0.783	0.612	85.3	−11.9	23.2	26.1	117.1	11.9	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	−7.0	2.2	7.4	162.2	0.705	0.808	0.741	86.7	−10.8	10.2	14.9	136.5	10.5	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	−4.2	−3.2	5.3	216.9	0.723	0.8	0.8	86.7	−6.8	−8.8	11.1	232.5	8.2	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	−5.2	−11.0	12.2	244.3	0.743	0.847	0.921	86.4	−7.7	−12.9	15.1	238.9	3.4	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	−24.5	72.7	76.7	108.6	0.667	0.966	0.091	89.2	−22.0	88.4	91.1	104.0	16.5	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	−23.1	60.5	64.8	110.9	0.665	0.945	0.192	88.8	−21.4	75.2	78.2	105.9	15.6	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	−22.1	48.8	53.6	114.4	0.669	0.936	0.288	88.8	−21.6	61.7	65.4	109.3	14.1	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	−20.8	37.4	42.8	119.1	0.666	0.923	0.403	88.0	−22.0	53.4	57.7	112.4	16.8	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	−19.7	25.8	32.5	127.2	0.648	0.919	0.5	87.6	−21.1	41.2	46.3	117.1	16.1	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	−18.0	15.1	23.5	140.0	0.63	0.929	0.619	87.6	−19.1	27.3	33.4	124.9	12.9	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	−14.1	4.5	14.8	162.2	0.691	0.959	0.784	89.0	−15.2	15.8	22.0	133.9	11.8	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	−10.8	−1.8	11.0	189.6	0.724	0.929	0.842	87.5	−12.6	0.4	12.6	178.1	3.0	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	−8.5	−6.4	10.6	216.9	0.728	0.884	0.856	86.1	−9.2	−13.4	16.3	235.4	7.0	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
																			Mean color difference of this page:					delta	15.7									

1−1132530−F0

RE730−7N, Page 26/33−F

TUB-test chart RE73; 1080 standard colours, cf=0,9
colors and differences, $\Delta E'*$

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

1−1132530−F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 27/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde				
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	46.6	22.2	51.6	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	47.8	14.2	49.8	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	50.2	6.7	50.6	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	53.2	−2.2	53.3	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	55.1	−7.4	55.6	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	48.8	−14.2	50.8	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	43.7	−19.2	47.7	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	38.5	−23.5	45.1	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	38.8	−30.3	49.2	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	46.9	32.1	56.8	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	39.9	19.0	44.2	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	41.2	11.4	42.7	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	43.8	3.3	43.9	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	47.3	−6.6	47.8	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	44.1	−10.5	45.4	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	37.9	−16.0	41.2	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	33.0	−20.1	38.6	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	33.3	−26.9	42.8	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	43.7	41.1	60.0	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	39.9	28.5	49.0	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	33.3	15.8	36.9	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	34.7	8.1	35.7	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	37.5	0.0	37.5	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	39.1	−6.6	39.7	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	32.4	−12.4	34.7	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	27.5	−16.7	32.2	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	27.9	−23.4	36.5	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	35.0	47.0	58.6	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	35.4	37.5	51.6	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	32.8	25.3	41.4	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	26.6	12.6	29.5	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	28.2	4.9	28.7	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	31.5	−4.4	31.8	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	26.9	−8.8	28.3	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	22.0	−13.4	25.7	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	22.3	−20.0	30.0	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	24.8	52.0	57.6	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	25.5	42.3	49.4	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	26.5	32.8	42.2	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	25.5	22.2	33.8	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	19.9	9.5	22.1	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	21.9	1.6	21.9	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	22.0	−5.2	22.7	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	16.5	−10.0	19.3	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	16.8	−16.6	23.7	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	15.6	56.4	58.5	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	16.0	47.1	49.7	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	16.2	37.8	41.1	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	17.0	28.2	32.9	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	17.7	18.7	25.8	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	13.3	6.3	14.7	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	15.7	−2.2	15.9	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	11.0	−6.7	12.8	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	11.4	−13.3	17.5	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	7.0	60.7	61.1	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	7.0	51.7	52.2	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	7.4	42.3	42.9	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	7.7	32.7	33.6	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	8.0	23.5	24.8	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	8.5	14.1	16.4	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	6.6	3.1	7.3	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	5.5	−3.3	6.4	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	5.6	−9.7	11.2	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	−2.4	61.2	61.2	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	−2.1	52.4	52.5	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	−1.7	43.7	43.7	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	−1.4	34.9	35.0	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	−1.0	26.2	26.2	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	17.4	17.5	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	8.7	8.7	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
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	−5.5	5.5	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	−15.0	81.6	83.0	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	−14.8	72.2	73.7	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	−13.8	60.8	62.3	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	−13.1	48.7	50.4	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	−12.2	36.3	38.3	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	−11.0	24.4	26.8	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	−9.8	12.9	16.2	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	−7.0	2.2	7.4	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	−4.2	−3.2	5.3	216.9

n	rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
567	0.79	0.044	0.22	43.1	54.8	33.4	64.2	31.4	13.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
568	0.791	0.048	0.342	42.7	54.6	27.0	60.9	26.3	14.5	366	1.0	0.0	0.401	45.9	60.7	18.0	63.3	16.5
569	0.794	0.053	0.457	42.0	54.8	20.4	58.4	20.4	14.4	355	1.0	0.0	0.561	46.0	63.7	8.5	64.3	7.6
570	0.791	0.054	0.581	41.6	56.5	11.6	57.7	11.6	14.2	344	1.0	0.0	0.745	46.2	67.6	−2.7	67.6	357.6
571	0.794	0.062	0.669	41.5	58.3	4.1	58.5	4.0	12.1	335	1.0	0.0	0.89	47.2	70.0	−9.4	70.7	352.3
572	0.601	0.048	0.652	41.5	61.6	−3.9	61.7	356.3	16.5	318	0.796	0.0	1.0	42.7	61.9	−18.0	64.5	343.7
573	0.461	0.034	0.65	42.3	63.9	−10.9	64.9	350.2	22.7	308	0.627	0.0	1.0	38.8	55.5	−24.4	60.6	336.1
574	0.339	0.02	0.629	43.5	64.2	−14.9	66.0	346.9	29.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
575	0.289	0.019	0.759	44.4	64.8	−16.0	66.8	346.1	31.9	288	0.326	0.0	1.0	32.6	43.1	−33.7	54.7	321.9
576	0.794	0.046	0.08	52.2	47.0	53.0	70.8	48.4	22.6	30	1.0	0.007	0.0	47.3	59.6	40.7	72.2	34.3
577	0.799	0.143	0.355	51.4	45.6	42.8	62.5	43.1	24.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
578	0.789	0.149	0.454	50.9	46.4	31.3	55.9	34.0	20.7	365	1.0	0.0	0.421	45.9	61.1	16.8	63.3	15.4
579	0.787	0.154	0.559	49.6	48.8	21.0	53.1	23.3	18.4	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
580	0.789	0.163	0.689	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	0.712	0.155	0.693	49.0	55.7	1.6	55.7	1.6	16.8	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
582	0.538	0.14	0.65	49.2	60.2	−8.2	60.8	352.2	24.2	309	0.646	0.0	1.0	39.2	56.2	−23.7	61.0	337.1
583	0.421	0.125	0.635	49.5	60.6	−15.5	62.6	345.5	29.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
584	0.376	0.107	0.745	49.4	58.4	−17.5	61.0	343.3	28.3	287	0.31	0.0	1.0	32.3	42.3	−34.2	54.4	321.0
585	0.804	0.099	0.05	60.4	30.8	60.8	68.1	63.1	26.7	35	1.0	0.106	0.0	52.0	55.5	52.3	76.2	43.3
586	0.816	0.138	0.244	59.7	29.9	49.0	57.4	58.5	24.7	30	1.0	0.019	0.0	47.9	59.2	42.2	72.7	35.5
587	0.815	0.234	0.441	59.7	30.7	34.3	46.1	48.2	19.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
588	0.805	0.238	0.538	58.3	33.3	24.4	41.3	36.2	16.7	362	1.0	0.0	0.461	45.9	61.7	14.5	63.4	13.2
589	0.804	0.243	0.64	57.8	35.9	15.3	39.0	23.1	15.7	346	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359.8
590	0.803	0.252	0.718	57.5	39.3	6.3	39.8	9.0	13.0	329	0.981	0.0	1.0	47.2	69.5	−11.7	70.5	350.4
591	0.62	0.234	0.657	57.8	42.6	−4.9	42.9	353.3	14.2	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
592	0.513	0.235	0.656	57.9	46.9	−13.8	48.9	343.5	21.9	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
593	0.478	0.229	0.765	57.1	48.5	−16.3	51.2	341.3	23.5	286	0.295	0.0	1.0	32.0	41.4	−34.7	54.0	320.0
594	0.804	0.177	0.057	65.8	21.1	66.1	69.4	72.2	27.0	41	1.0	0.208	0.0	57.8	44.4	59.7	74.4	53.3
595	0.841	0.19	0.185	64.3	20.5	51.9	55.8	68.3	22.9	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
596	0.848	0.236	0.34	64.3	21.1	37.2	42.8	60.3	18.2	32	1.0	0.044	0.0	49.0	58.3	45.1	73.7	37.7
597	0.835	0.347	0.531	63.9	23.3	27.0	35.7	49.1	14.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
598	0.826	0.353	0.624	63.7	26.0	17.6	31.4	34.1	13.2	358	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
599	0.83	0.374	0.73	63.4	28.6	8.9	29.9	17.2	13.7	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
600	0.729	0.359	0.715	62.9	34.6	−3.7	34.8	353.8	10.0	315	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
601	0.589	0.34	0.686	63.6	38.2	−12.8	40.3	341.4	17.9	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
602	0.561	0.356	0.788	63.2	39.4	−16.2	42.6	337.6	18.9	284	0.263	0.0	1.0	31.4	39.8	−35.6	53.4	318.1
603	0.812	0.27	0.064	70.6	10.5	70.8	71.6	81.4	26.5	49	1.0	0.332	0.0	64.5	31.5	66.0	73.1	64.4
604	0.842	0.286	0.173	70.8	10.5	58.2	59.1	79.7	24.3	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
605	0.869	0.309	0.283	70.5	10.7	41.5	42.8	75.5	20.1	40	1.0	0.186	0.0	56.5	47.1	58.4	75.1	51.0
606	0.878	0.369	0.442	70.0	12.4	32.1	34.5	68.8	17.6	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
607	0.848	0.469	0.624	70.3	14.5	22.2	26.6	56.7	14.1	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
608	0.835	0.484	0.698	70.1	18.2	12.2	22.0	33.9	11.5	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
609	0.801	0.499	0.746	69.4	24.0	−0.2	24.0	359.3	5.9	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
610	0.664	0.469	0.719	70.1	28.2	−10.9	30.2	338.8	13.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
611	0.618	0.471	0.801	71.1	30.8	−13.1	33.5	336.9	16.2	282	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3
612	0.818	0.391	0.071	76.7	2.8	77.6	77.6	87.9	27.8	57	1.0	0.467	0.0	70.7	19.8	71.6	74.3	74.4
613	0.848	0.413	0.171	76.4	2.3	67.2	67.3	87.9	26.6	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
614	0.873	0.438	0.27	76.3	2.7	46.9	47.0	86.6	18.7	50	1.0	0.359	0.0	65.9	28.9	67.2	73.1	66.6
615	0.888	0.468	0.422	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	0.893	0.496	0.555	76.1	5.9	28.1	28.7	78.0	16.1	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
617	0.858	0.609	0.703	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	0.847	0.615	0.784	74.6	14.7	2.9	15.0	11.4	5.3	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
619	0.741	0.608	0.744	75.8	20.0	−8.4	21.8	337.1	10.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
620	0.705	0.609	0.837	77.1	23.6	−11.0	26.1	335.0	13.5	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
621	0.822	0.509	0.086	84.4	−4.8	85.7	85.8	93.2	31.4	69	1.0	0.641	0.0	76.9	8.9	77.1	77.6	83.4
622	0.841	0.528	0.178	82.8	−5.1	72.9	73.1	94.0	27.0	68	1.0	0.624	0.0	76.0	10.3	76.7	77.4	82.2
623	0.868	0.551	0.267	82.9	−4.1	53.6	53.8	94.4	19.1	64	1.0	0.574	0.0	74.5	13.1	75.2	76.3	80.0
624	0.878	0.588	0.422	82.6	−2.8	44.5	44.5	93.6	17.8	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
625	0.885	0.623	0.555	82.4	−1.1	33.3	33.3	91.9	14.9	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
626	0.88	0.668	0.667	81.7	1.9	22.2	22.3	84.8	11.2	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
627	0.856	0.731	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	0.799	0.726	0.809	82.3	10.0	−6.1	11.7	328.5	6.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
629	0.788	0.738	0.889	84.1	12.0	−9.0	15.0	323.0	7.5	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
630	0.801	0.634	0.145	89.7	−13.0	90.1	91.0	98.2	33.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
631	0.82	0.657	0.218	88.5	−12.5	77.9	78.9	99.1	29.7	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
632	0.835	0.687	0.324	88.0	−11.1	61.1	62.1	100.2	21.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
633	0.843	0.716	0.454	87.5	−9.9	49.1	50.1	101.4	18.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
634	0.848	0.752	0.567	88.3	−8.5	39.5	40.4	102.1	16.6	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
635	0.854	0.788	0.677	88.3	−7.2	29.8	30.7	103.6	14.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
636	0.856	0.813	0.769	88.8	−5.4	16.2	17.1	108.5	9.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
637	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	0.853	0.869	0.955	90.3	1.7	−6.4	6.7	285.3	2.2	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
639	0.875	1.0	0.125	92.9	−17.5	92.9	94.5	100.7	11.5	94	0.906	1.0	0.0	92.5	−16.7	90.7	92.2	100.4
640	1.0	1.0	0.176	91.3	−16.6	82.0	83.7	101.4	10.0	98	0.84	1.0	0.0	91.9	−18.8	91.7	93.6	101.6
641	0.971	1.0	0.287	90.5	−15.7	63.4	65.3	103.9	3.5	101	0.796	1.0	0.0	90.6	−20.4	90.1	92.4	102.7
642	0.91	0.974	0.445	91.2	−15.7	54.6	56.8	106.0	6.4	104	0.732	1.0	0.0	88.1	−23.4	86.6	89.7	105.1
643	0.864	0.947	0.58	91.8	−15.5	45.5	48.0	108.8	9.8	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
644	0.84	0.938	0.688	92.6	−14.4	36.1	38.9	111.7	12.5	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
645	0.819	0.942	0.781	92.8	−12.2	23.7	26.7	117.3	11.5	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
646	0.848	0.979	0.901	93.0	−7.9	7.9	11.2	135.0	6.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
647	0.865	0.966	0.964	91.8	−4.9	−5.9	7.7	230.0	2.8	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**

1−1132630−F0 RE730−7N, Page 27/33−F

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
colors and differences, $\Delta E'*$

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

1−1132630−F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 28/33

n	HIC*Fde	rgb_Fde			ict_Fde			$h_{si\_F,de}$	rgb*Fde			LabCh*Fde				
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	53.3	25.3	59.0	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	54.3	17.3	56.9	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	56.5	9.8	57.4	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	59.7	1.0	59.7	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	63.1	−8.8	63.7	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	61.7	−11.4	62.7	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	53.8	−17.6	56.6	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	49.2	−22.7	54.2	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	44.0	−26.8	51.5	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	53.8	35.3	64.3	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	46.6	22.2	51.6	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	47.8	14.2	49.8	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	50.2	6.7	50.6	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	53.2	−2.2	53.3	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	55.1	−7.4	55.6	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	48.8	−14.2	50.8	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	43.7	−19.2	47.7	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	38.5	−23.5	45.1	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	51.0	44.4	67.7	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	46.9	32.1	56.8	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	39.9	19.0	44.2	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	41.2	11.4	42.7	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	43.8	3.3	43.9	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	47.3	−6.6	47.8	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	44.1	−10.5	45.4	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	37.9	−16.0	41.2	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	33.0	−20.1	38.6	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	43.6	52.0	67.9	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	43.7	41.1	60.0	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	39.9	28.5	49.0	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	33.3	15.8	36.9	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	34.7	8.1	35.7	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	37.5	0.0	37.5	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	39.1	−6.6	39.7	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	32.4	−12.4	34.7	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	27.5	−16.7	32.2	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	34.0	56.4	65.8	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	35.0	47.0	58.6	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	35.4	37.5	51.6	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	32.8	25.3	41.4	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	26.6	12.6	29.5	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	28.2	4.9	28.7	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	31.5	−4.4	31.8	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	26.9	−8.8	28.3	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	22.0	−13.4	25.7	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	24.8	60.9	65.8	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	24.8	52.0	57.6	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	25.5	42.3	49.4	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	26.5	32.8	42.2	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	25.5	22.2	33.8	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	19.9	9.5	22.1	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	21.9	1.6	21.9	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	22.0	−5.2	22.7	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	16.5	−10.0	19.3	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	15.4	65.5	67.3	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	15.6	56.4	58.5	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	16.0	47.1	49.7	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	16.2	37.8	41.1	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	17.0	28.2	32.9	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	17.7	18.7	25.8	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	13.3	6.3	14.7	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	15.7	−2.2	15.9	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	11.0	−6.7	12.8	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	6.7	69.8	70.1	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	7.0	60.7	61.1	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	7.0	51.7	52.2	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	7.4	42.3	42.9	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	7.7	32.7	33.6	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	8.0	23.5	24.8	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	8.5	14.1	16.4	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	6.6	3.1	7.3	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	5.5	−3.3	6.4	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	−2.8	69.9	70.0	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	−2.4	61.2	61.2	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	−2.1	52.4	52.5	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	−1.7	43.7	43.7	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	−1.4	34.9	35.0	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	−1.0	26.2	26.2	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	17.4	17.5	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	8.7	8.7	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

n	rgb'*Fde			LabCh'*Fde					DE'*Fde	$h_{siM,de}$
648	0.903	0.052	0.267	46.9	59.8	39.9	71.9	33.7	15.9	376
649	0.896	0.06	0.378	46.6	59.3	34.8	68.8	30.4	18.2	367
650	0.895	0.067	0.5	46.2	59.2	27.9	65.4	25.2	18.2	358
651	0.897	0.072	0.618	45.9	60.1	19.6	63.3	18.0	18.6	348
652	0.897	0.084	0.768	45.8	62.3	12.1	63.5	11.0	21.0	334
653	0.871	0.074	0.792	46.2	65.0	4.7	65.1	4.1	16.5	327
654	0.688	0.046	0.797	46.2	67.7	−3.0	67.7	357.3	20.6	315
655	0.541	0.037	0.787	47.1	70.0	−9.2	70.6	352.4	26.2	307
656	0.412	0.03	0.778	47.7	70.4	−10.9	71.2	351.1	33.2	297
657	0.919	0.047	0.127	52.8	54.4	54.4	77.0	44.9	20.0	389
658	0.898	0.166	0.395	51.9	56.5	48.1	74.2	40.4	27.7	376
659	0.886	0.171	0.501	51.2	58.6	37.8	69.8	32.8	26.0	366
660	0.89	0.173	0.593	50.6	61.4	27.3	67.2	23.9	23.4	355
661	0.889	0.174	0.7	50.2	63.8	18.9	66.5	16.5	23.7	344
662	0.902	0.184	0.782	49.2	68.3	7.9	68.8	6.6	20.7	335
663	0.766	0.162	0.798	49.5	70.7	−1.3	70.7	358.9	25.4	318
664	0.608	0.144	0.781	50.1	72.3	−9.0	72.9	352.9	30.7	308
665	0.486	0.132	0.765	52.0	67.1	−11.4	68.1	350.2	32.3	297
666	0.927	0.108	0.103	60.3	39.3	61.7	73.2	57.4	22.8	34
667	0.923	0.164	0.29	59.8	40.4	56.4	69.4	54.3	25.9	30
668	0.928	0.271	0.505	60.0	41.1	45.8	61.6	48.0	26.9	376
669	0.916	0.268	0.588	58.5	45.7	33.6	56.8	36.3	22.7	365
670	0.92	0.272	0.683	57.4	49.7	23.6	55.1	25.4	21.2	351
671	0.928	0.28	0.807	57.5	52.7	11.5	54.0	12.3	19.0	334
672	0.859	0.255	0.819	57.7	55.9	0.2	55.9	0.2	15.9	324
673	0.701	0.249	0.797	59.2	57.3	−9.9	58.2	350.1	21.0	309
674	0.575	0.237	0.784	61.1	53.8	−11.8	55.1	347.5	24.7	297
675	0.941	0.185	0.081	66.7	27.3	67.8	73.1	68.0	25.1	39
676	0.972	0.216	0.254	66.4	28.1	60.2	66.5	64.9	26.1	35
677	0.962	0.283	0.418	66.1	29.7	50.4	58.5	59.4	24.9	30
678	0.952	0.381	0.591	66.1	31.7	37.5	49.1	49.7	21.7	376
679	0.94	0.383	0.669	65.7	34.6	26.6	43.6	37.5	18.4	362
680	0.94	0.386	0.758	65.3	38.4	15.5	41.4	22.0	15.7	346
681	0.937	0.393	0.836	65.7	41.3	4.3	41.5	5.9	11.1	329
682	0.786	0.374	0.816	66.1	45.0	−6.8	45.5	351.3	14.6	311
683	0.656	0.358	0.802	67.2	45.2	−10.7	46.5	346.6	20.8	297
684	0.952	0.277	0.094	72.2	17.1	72.8	74.8	76.7	25.9	44
685	0.986	0.307	0.246	72.6	16.6	65.9	68.0	75.8	28.2	41
686	1.0	0.347	0.373	72.5	18.4	51.3	54.5	70.2	23.4	37
687	0.995	0.396	0.517	72.5	20.2	40.5	45.3	63.5	20.5	32
688	0.97	0.482	0.661	72.9	21.9	30.1	37.2	53.8	18.0	376
689	0.957	0.489	0.735	73.3	24.7	18.2	30.7	36.3	13.9	358
690	0.961	0.499	0.842	72.9	29.6	5.9	30.2	11.2	10.5	334
691	0.853	0.493	0.836	72.8	34.3	−5.5	34.8	350.7	9.0	315
692	0.73	0.49	0.817	73.3	35.3	−9.3	36.5	345.2	15.8	297
693	0.963	0.387	0.09	76.0	10.3	76.7	77.4	82.3	23.4	51
694	0.994	0.423	0.232	77.4	8.3	69.4	69.9	83.1	25.6	49
695	1.0	0.447	0.352	77.8	9.2	56.1	56.8	80.6	22.7	44
696	1.0	0.467	0.477	78.0	10.9	43.6	44.9	75.8	20.0	40
697	1.0	0.499	0.593	78.6	12.5	32.9	35.2	69.1	17.5	34
698	0.984	0.6	0.734	79.2	14.8	22.0	26.5	55.9	13.6	376
699	0.971	0.604	0.808	79.2	19.0	9.5	21.3	26.5	8.5	351
700	0.93	0.612	0.863	79.7	23.5	−3.1	23.7	352.4	3.7	324
701	0.798	0.609	0.849	79.7	25.7	−7.7	26.9	343.2	11.4	297
702	0.974	0.501	0.107	82.7	−1.0	79.6	79.6	90.7	24.1	59
703	1.0	0.534	0.218	83.4	−0.8	67.1	67.1	90.7	21.8	57
704	1.0	0.562	0.335	83.5	0.0	59.2	59.2	90.0	21.7	54
705	1.0	0.587	0.451	83.5	1.5	49.4	49.4	88.1	19.7	50
706	1.0	0.602	0.563	84.2	2.3	40.9	41.0	86.7	20.2	44
707	1.0	0.623	0.671	84.4	5.6	28.2	28.8	78.7	15.9	37
708	0.989	0.716	0.808	86.0	7.8	14.4	16.4	61.3	10.0	376
709	0.979	0.728	0.905	85.3	14.3	1.0	14.3	4.2	3.7	334
710	0.864	0.728	0.872	85.7	16.8	−5.8	17.8	340.7	7.5	297
711	0.981	0.636	0.113	86.9	−7.0	73.8	74.1	95.4	16.9	70
712	1.0	0.656	0.216	87.4	−6.9	67.0	67.3	95.9	17.3	69
713	1.0	0.686	0.334	87.6	−5.7	57.1	57.4	95.7	15.2	68
714	1.0	0.702	0.471	87.8	−4.3	48.8	49.0	95.1	14.4	64
715	1.0	0.725	0.588	88.1	−3.1	41.3	41.5	94.4	14.4	59
716	1.0	0.749	0.679	88.8	−1.7	32.9	33.0	93.0	13.8	54
717	1.0	0.75	0.75	91.4	−1.9	21.4	21.5	95.1	13.3	44
718	0.993	0.848	0.913	91.1	3.3	8.2	8.9	67.7	6.1	376
719	0.916	0.84	0.952	91.9	7.5	−3.1	8.1	337.3	3.8	297
720	0.98	0.774	0.105	91.3	−14.4	84.1	85.4	99.7	19.7	78
721	1.0	0.817	0.196	91.4	−14.0	76.1	77.4	100.4	19.7	78
722	1.0	0.857	0.318	91.6	−12.3	62.3	63.5	101.2	14.9	78
723	1.0	0.874	0.474	92.7	−12.6	55.0	56.5	102.9	16.2	78
724	1.0	0.901	0.623	93.3	−11.7	47.0	48.4	104.0	16.1	78
725	1.0	0.881	0.718	93.9	−10.4	38.4	39.8	105.2	15.5	78
726	1.0	0.915	0.832	95.2	−9.8	29.8	31.4	108.3	15.4	78
727	1.0	0.957	0.928	95.7	−6.4	17.8	19.0	109.9	11.0	78
728	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	0.0	360

Mean color difference of this page: delta **18.5**

n	rgb*Mde			LabCh*Mde				
648	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
649	1.0	0.0	0.381	45.9	60.3	19.2	63.3	17.6
650	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
651	1.0	0.0	0.683	46.2	66.3	1.1	66.4	0.9
652	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
653	0.957	0.0	1.0	46.6	68.5	−12.7	69.7	349.4
654	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
655	0.608	0.0	1.0	38.3	54.7	−25.2	60.2	335.2
656	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
657	1.0	0.0	0.017	46.9	59.7	39.2	71.5	33.2
658	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
659	1.0	0.0	0.401	45.9	60.7	18.0	63.3	16.5
660	1.0	0.0	0.561	46.0	63.7	8.5	64.3	7.6
661	1.0	0.0	0.745	46.2	67.6	−2.7	67.6	357.6
662	1.0	0.0	0.89	47.2	70.0	−9.4	70.7	352.3
663	0.796	0.0	1.0	42.7	61.9	−18.0	64.5	343.7
664	0.627	0.0	1.0	38.8	55.5	−24.4	60.6	336.1
665	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
666	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
667	1.0	0.007	0.0	47.3	59.6	40.7	72.2	34.3
668	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
669	1.0	0.0	0.421	45.9	61.1	16.8	63.3	15.4
670	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
671	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
672	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
673	0.646	0.0	1.0	39.2	56.2	−23.7	61.0	337.1
674	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
675	1.0	0.175	0.0	55.8	48.5	57.8	75.4	49.9
676	1.0	0.106	0.0	52.0	55.5	52.3	76.2	43.3
677	1.0	0.019	0.0	47.9	59.2	42.2	72.7	35.5
678	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
679	1.0	0.0	0.461	45.9	61.7	14.5	63.4	13.2
680	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359.8
681	0.981	0.0	1.0	47.2	69.5	−11.7	70.5	350.4
682	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
683	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
684	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
685	1.0	0.208	0.0	57.8	44.4	59.7	74.4	53.3
686	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
687	1.0	0.044	0.0	49.0	58.3	45.1	73.7	37.7
688	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
689	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
690	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
691	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
692	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
693	1.0	0.372	0.0	66.5	27.6	67.7	73.1	67.8
694	1.0	0.332	0.0	64.5	31.5	66.0	73.1	64.4
695	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
696	1.0	0.186	0.0	56.5	47.1	58.4	75.1	51.0
697	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
698	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
699	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
700	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
701	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
702	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
703	1.0	0.467	0.0	70.7	19.8	71.6	74.3	74.4
704	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
705	1.0	0.359	0.0	65.9	28.9	67.2	73.1	66.6
706	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
707	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
708	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
709	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
710	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
711	1.0	0.657	0.0	77.8	7.4	77.6	77.9	84.5
712	1.0	0.641	0.0	76.9	8.9	77.1	77.6	83.4
713	1.0	0.624	0.0	76.0	10.3	76.7	77.4	82.2
714	1.0	0.574	0.0	74.5	13.1	75.2	76.3	80.0
715	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
716	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
717	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
718	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
719	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
720	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
721	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
722	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
723	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
724	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
725	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
726	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
727	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
728	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

1-1132730-F0 RE730−7N, Page 28/33−F

TUB-test chart RE73; 1080 standard colours, cf=0,9
colors and differences, $\Delta E'*$

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

1-1132730-F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 29/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde				
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
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	−4.2	−3.2	5.3	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	−8.5	−6.4	10.6	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	−12.8	−9.6	16.0	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	−17.0	−12.8	21.3	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	−21.3	−16.0	26.7	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	−25.6	−19.2	32.0	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	−29.9	−22.5	37.4	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	−34.1	−25.7	42.7	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	6.6	3.1	7.3	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
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	−4.2	−3.2	5.3	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	−8.5	−6.4	10.6	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	−12.8	−9.6	16.0	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	−17.0	−12.8	21.3	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	−21.3	−16.0	26.7	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	−25.6	−19.2	32.0	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	−29.9	−22.5	37.4	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	13.3	6.3	14.7	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	6.6	3.1	7.3	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
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	−4.2	−3.2	5.3	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	−8.5	−6.4	10.6	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	−12.8	−9.6	16.0	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	−17.0	−12.8	21.3	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	−21.3	−16.0	26.7	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	−25.6	−19.2	32.0	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	19.9	9.5	22.1	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	13.3	6.3	14.7	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	6.6	3.1	7.3	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
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	−4.2	−3.2	5.3	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	−8.5	−6.4	10.6	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	−12.8	−9.6	16.0	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	−17.0	−12.8	21.3	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	−21.3	−16.0	26.7	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	26.6	12.6	29.5	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	19.9	9.5	22.1	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	13.3	6.3	14.7	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	6.6	3.1	7.3	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
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	−4.2	−3.2	5.3	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	−8.5	−6.4	10.6	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	−12.8	−9.6	16.0	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	−17.0	−12.8	21.3	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	33.3	15.8	36.9	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	26.6	12.6	29.5	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	19.9	9.5	22.1	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	13.3	6.3	14.7	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	6.6	3.1	7.3	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
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	−4.2	−3.2	5.3	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	−8.5	−6.4	10.6	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	−12.8	−9.6	16.0	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	39.9	19.0	44.2	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	33.3	15.8	36.9	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	26.6	12.6	29.5	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	19.9	9.5	22.1	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	13.3	6.3	14.7	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	6.6	3.1	7.3	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
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	−4.2	−3.2	5.3	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	−8.5	−6.4	10.6	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	46.6	22.2	51.6	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	39.9	19.0	44.2	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	33.3	15.8	36.9	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	26.6	12.6	29.5	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	19.9	9.5	22.1	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	13.3	6.3	14.7	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	6.6	3.1	7.3	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
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	−4.2	−3.2	5.3	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	53.3	25.3	59.0	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	46.6	22.2	51.6	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	39.9	19.0	44.2	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	33.3	15.8	36.9	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	26.6	12.6	29.5	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	19.9	9.5	22.1	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	13.3	6.3	14.7	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	6.6	3.1	7.3	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

n	rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
729	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	0.865	0.966	0.964	91.7	−4.9	−6.4	8.1	232.3	3.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
731	0.728	0.884	0.856	86.0	−8.7	−13.6	16.2	237.3	7.2	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
732	0.598	0.858	0.814	81.3	−11.7	−18.6	22.0	237.8	9.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
733	0.494	0.84	0.778	75.3	−15.3	−24.9	29.2	238.3	12.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
734	0.388	0.837	0.752	69.6	−19.0	−29.6	35.2	237.2	13.8	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
735	0.259	0.865	0.743	61.9	−25.1	−34.5	42.7	233.9	15.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
736	0.158	0.825	0.712	55.9	−29.4	−38.7	48.6	232.6	16.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
737	0.079	0.749	0.642	52.7	−31.6	−41.0	51.8	232.3	15.8	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
738	0.993	0.848	0.913	91.5	3.3	7.1	7.9	64.7	5.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
739	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	0.723	0.8	0.8	87.2	−6.4	−8.9	11.0	234.3	8.5	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
741	0.595	0.745	0.715	82.9	−10.9	−15.8	19.2	235.3	11.8	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
742	0.478	0.725	0.673	77.3	−15.0	−20.9	25.7	234.2	13.0	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
743	0.371	0.709	0.634	71.4	−18.1	−27.1	32.6	236.2	15.2	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
744	0.246	0.726	0.616	66.2	−22.2	−29.9	37.2	233.4	14.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
745	0.158	0.684	0.565	59.6	−28.7	−33.0	43.8	228.9	14.5	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
746	0.084	0.611	0.505	52.3	−33.3	−39.4	51.6	229.7	17.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
747	0.989	0.716	0.808	86.8	8.2	10.5	13.3	52.0	7.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
748	0.856	0.731	0.777	82.6	5.3	5.9	8.0	48.0	4.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
749	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	0.588	0.662	0.644	77.1	−6.4	−9.7	11.7	236.4	9.0	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
751	0.476	0.615	0.572	73.5	−12.3	−15.9	20.1	232.2	12.5	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
752	0.37	0.599	0.544	67.9	−16.2	−21.9	27.3	233.4	14.5	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
753	0.279	0.593	0.503	61.8	−19.2	−26.5	32.8	234.0	15.0	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
754	0.173	0.578	0.463	57.4	−25.2	−31.0	40.0	230.7	16.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
755	0.087	0.525	0.413	51.8	−36.0	−36.8	51.5	225.6	21.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
756	0.984	0.6	0.734	80.3	14.1	18.2	23.0	52.3	10.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
757	0.858	0.609	0.703	77.1	9.1	13.1	16.0	55.3	8.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
758	0.722	0.594	0.638	74.2	5.0	6.1	7.9	50.5	5.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
759	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	0.471	0.54	0.517	67.3	−6.7	−12.0	13.7	240.7	10.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
761	0.371	0.501	0.458	63.7	−12.3	−16.5	20.6	233.2	13.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
762	0.283	0.495	0.423	57.5	−15.3	−23.1	27.7	236.4	15.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
763	0.183	0.478	0.377	53.6	−21.0	−28.9	35.7	233.9	18.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
764	0.076	0.412	0.32	50.0	−32.3	−36.5	48.7	228.5	24.8	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
765	0.97	0.482	0.661	73.9	21.5	24.9	32.9	49.2	13.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
766	0.848	0.469	0.624	71.2	15.4	18.7	24.3	50.4	10.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
767	0.719	0.459	0.557	67.5	9.5	13.1	16.2	53.8	8.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
768	0.58	0.447	0.485	62.4	5.6	4.9	7.5	41.3	3.1	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
769	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	0.36	0.423	0.397	56.5	−6.8	−11.7	13.6	239.7	10.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
771	0.283	0.396	0.35	52.9	−12.7	−19.0	22.9	236.1	14.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
772	0.181	0.368	0.305	49.0	−15.8	−25.8	30.3	238.4	18.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
773	0.048	0.299	0.224	45.7	−23.5	−33.2	40.7	234.6	23.4	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
774	0.952	0.381	0.591	66.4	31.1	36.2	47.8	49.3	20.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
775	0.835	0.347	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	0.711	0.331	0.472	60.3	16.4	18.7	24.9	48.7	10.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
777	0.581	0.331	0.405	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	0.458	0.335	0.361	50.8	6.1	4.2	7.4	34.6	1.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
779	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	0.268	0.321	0.296	46.6	−8.3	−14.6	16.8	240.2	13.2	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
781	0.175	0.284	0.241	45.1	−12.7	−21.2	24.7	239.1	17.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
782	0.023	0.2	0.151	42.3	−19.4	−26.3	32.7	233.5	21.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
783	0.928	0.271	0.505	60.8	39.5	44.8	59.7	48.5	25.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
784	0.815	0.234	0.441	59.5	30.6	34.2	45.9	48.1	19.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
785	0.7	0.228	0.383	53.7	24.1	26.8	36.0	47.9	14.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
786	0.572	0.226	0.33	48.4	17.9	21.7	28.1	50.3	12.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
787	0.445	0.222	0.286	44.8	12.0	14.3	18.7	50.0	8.1	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
788	0.336	0.232	0.256	41.3	7.8	6.5	10.2	39.8	3.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
789	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	0.143	0.195	0.175	38.0	−9.2	−15.1	17.7	238.6	14.6	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
791	0.036	0.148	0.113	38.1	−13.7	−19.6	24.0	234.9	18.5	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
792	0.898	0.166	0.395	52.6	54.8	46.0	71.6	39.9	25.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
793	0.799	0.143	0.355	51.7	44.6	41.2	60.8	42.7	22.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
794	0.683	0.132	0.302	46.7	34.1	31.6	46.5	42.8	15.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
795	0.557	0.124	0.253	42.1	28.6	29.5	41.1	45.9	17.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
796	0.427	0.114	0.213	39.0	21.0	22.9	31.1	47.4	13.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
797	0.319	0.115	0.179	36.5	13.1	16.3	20.9	51.2	10.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
798	0.233	0.134	0.16	32.5	7.7	9.2	12.0	49.9	6.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
799	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	0.0	0.044	0.021	32.2	−9.1	−12.3	15.4	233.4	15.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
801	0.903	0.052	0.267	47.0	58.3	38.5	69.9	33.4	14.1	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
802	0.79	0.044	0.22	41.9	52.7	32.2	61.8	31.4	11.7	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
803	0.643	0.039	0.2	38.7	47.8	30.7	56.8	32.7	14.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
804	0.499	0.015	0.151	34.8	43.3	28.8	52.0	33.6	16.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
805	0.376	0.0	0.091	32.2	36.6	25.6	44.7	35.0	16.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
806	0.289	0.0	0.064	30.5	26.6	20.4	33.6	37.4	13.1	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
807	0.25	0.0	0.125	29.1	14.8	15.1	21.2	45.5	10.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
808	0.088	0.0	0.005	25.6	7.4	8.6	11.4	49.4	7.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
809	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 **12.1**

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TUB-test chart RE73; 1080 standard colours, cf=0,9
colors and differences, $\Delta E'^*$

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

1−1132830−F0

TUB registration: 20150701-RE73/RE73L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6* (CMYK)

n	HIC*Fde	rgb_Fde			ict_Fde			$h_{si\_F,de}$	rgb*Fde			LabCh*Fde				
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
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	−5.5	5.5	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	−11.1	11.1	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	−16.7	16.7	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	0.6	−22.3	22.3	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	0.8	−27.9	27.9	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	1.0	−33.5	33.5	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	1.1	−39.1	39.1	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	1.3	−44.6	44.7	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	8.7	8.7	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
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	−5.5	5.5	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	−11.1	11.1	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	−16.7	16.7	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	0.6	−22.3	22.3	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	0.8	−27.9	27.9	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	1.0	−33.5	33.5	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	1.1	−39.1	39.1	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	17.4	17.5	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	8.7	8.7	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
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	−5.5	5.5	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	−11.1	11.1	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	−16.7	16.7	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	0.6	−22.3	22.3	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	0.8	−27.9	27.9	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	1.0	−33.5	33.5	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	−1.0	26.2	26.2	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	17.4	17.5	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	8.7	8.7	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
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	−5.5	5.5	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	−11.1	11.1	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	−16.7	16.7	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	0.6	−22.3	22.3	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	0.8	−27.9	27.9	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	−1.4	34.9	35.0	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	−1.0	26.2	26.2	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	17.4	17.5	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	8.7	8.7	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
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	−5.5	5.5	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	−11.1	11.1	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	−16.7	16.7	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	0.6	−22.3	22.3	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	−1.7	43.7	43.7	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	−1.4	34.9	35.0	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	−1.0	26.2	26.2	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	17.4	17.5	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	8.7	8.7	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
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	−5.5	5.5	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	−11.1	11.1	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	−16.7	16.7	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	−2.1	52.4	52.5	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	−1.7	43.7	43.7	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	−1.4	34.9	35.0	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	−1.0	26.2	26.2	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	17.4	17.5	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	8.7	8.7	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
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	−5.5	5.5	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	−11.1	11.1	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	−2.4	61.2	61.2	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	−2.1	52.4	52.5	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	−1.7	43.7	43.7	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	−1.4	34.9	35.0	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	−1.0	26.2	26.2	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	17.4	17.5	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	8.7	8.7	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
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	−5.5	5.5	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	−2.8	69.9	70.0	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	−2.4	61.2	61.2	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	−2.1	52.4	52.5	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	−1.7	43.7	43.7	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	−1.4	34.9	35.0	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	−1.0	26.2	26.2	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	17.4	17.5	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	8.7	8.7	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

n	rgb'*Fde			LabCh'*Fde					DE'*Fde	$h_{siM,de}$	rgb*Mde			LabCh*Mde				
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	0.853	0.869	0.955	89.7	2.2	−7.0	7.4	287.3	2.6	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
812	0.751	0.778	0.91	80.8	3.4	−15.0	15.4	283.0	5.0	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
813	0.613	0.687	0.862	70.2	7.3	−21.9	23.1	288.4	9.4	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
814	0.51	0.6	0.845	58.2	11.4	−29.9	32.0	290.8	15.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
815	0.41	0.522	0.828	48.3	17.2	−35.3	39.3	295.9	21.2	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
816	0.284	0.433	0.822	39.0	21.9	−40.2	45.8	298.6	25.6	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
817	0.14	0.327	0.812	35.2	22.8	−42.3	48.0	298.3	23.9	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
818	0.014	0.226	0.703	31.2	24.1	−44.0	50.2	298.6	23.6	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
819	1.0	0.957	0.928	95.8	−5.8	15.9	17.0	110.2	9.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
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	0.741	0.756	0.815	81.8	2.2	−9.9	10.2	282.9	5.6	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
822	0.603	0.645	0.742	72.8	5.8	−17.5	18.4	288.6	8.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
823	0.497	0.56	0.728	63.0	9.5	−26.2	27.9	290.0	13.1	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
824	0.406	0.483	0.722	50.8	15.3	−34.1	37.4	294.1	19.7	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
825	0.255	0.362	0.694	41.3	19.7	−39.5	44.2	296.5	23.6	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
826	0.106	0.243	0.63	36.2	20.9	−42.3	47.2	296.2	22.6	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
827	0.006	0.157	0.523	29.5	26.1	−43.9	51.1	300.7	25.9	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
828	1.0	0.915	0.832	95.3	−9.1	27.1	28.6	108.6	13.0	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
829	0.856	0.813	0.769	90.0	−4.8	14.2	15.0	108.6	8.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
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	0.597	0.614	0.652	71.9	3.1	−10.9	11.4	285.8	6.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
832	0.492	0.523	0.604	62.3	5.6	−17.7	18.5	287.6	8.4	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
833	0.392	0.441	0.584	52.4	8.6	−25.5	27.0	288.5	12.1	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
834	0.27	0.341	0.555	45.8	13.6	−31.8	34.6	293.2	16.1	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
835	0.133	0.223	0.512	39.3	16.0	−38.4	41.6	292.6	18.4	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
836	0.013	0.115	0.432	28.0	26.1	−44.6	51.7	300.3	27.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
837	1.0	0.881	0.718	93.8	−9.3	34.8	36.0	104.9	12.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
838	0.854	0.788	0.677	89.6	−6.3	25.9	26.7	103.7	12.0	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
839	0.724	0.681	0.624	81.5	−3.5	11.4	11.9	107.2	7.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
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	0.482	0.496	0.532	61.9	3.4	−12.7	13.1	285.1	8.3	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
842	0.378	0.402	0.48	51.6	6.0	−20.6	21.4	286.2	11.0	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
843	0.282	0.322	0.449	44.5	9.9	−26.9	28.7	290.2	13.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
844	0.159	0.216	0.405	38.7	15.0	−33.3	36.5	294.3	18.1	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
845	0.008	0.081	0.346	27.1	26.2	−45.2	52.3	300.0	30.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
846	1.0	0.901	0.623	93.3	−11.0	43.8	45.2	104.0	13.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
847	0.848	0.752	0.567	89.1	−7.9	36.6	37.5	102.2	14.5	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
848	0.711	0.635	0.516	81.6	−7.0	26.6	27.5	104.8	13.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
849	0.581	0.533	0.465	72.3	−4.0	10.1	10.9	111.5	8.5	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
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	0.364	0.373	0.406	50.0	3.5	−14.5	14.9	283.7	9.6	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
852	0.281	0.3	0.362	42.3	6.9	−22.6	23.6	287.0	13.2	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
853	0.167	0.199	0.322	36.7	10.6	−28.1	30.0	290.7	15.4	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
854	0.015	0.066	0.265	30.2	19.3	−39.1	43.6	296.2	25.3	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
855	1.0	0.874	0.474	92.7	−12.4	54.2	55.6	102.8	15.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
856	0.843	0.716	0.454	88.3	−10.2	48.6	49.6	101.8	18.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
857	0.709	0.6	0.407	81.4	−8.3	36.9	37.8	102.7	16.2	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
858	0.584	0.495	0.364	72.3	−6.9	25.7	26.7	105.1	13.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
859	0.464	0.416	0.345	61.3	−4.3	10.6	11.4	112.2	7.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
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	0.269	0.277	0.305	40.8	3.5	−15.9	16.3	282.4	11.0	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
862	0.16	0.177	0.241	33.3	6.2	−23.8	24.6	284.5	14.0	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
863	0.025	0.049	0.25	29.4	10.6	−29.8	31.7	289.6	17.3	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
864	1.0	0.857	0.318	91.6	−12.5	62.7	64.0	101.2	15.2	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
865	0.835	0.687	0.324	88.7	−11.2	59.9	61.0	100.6	21.3	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
866	0.705	0.57	0.298	81.5	−10.9	49.8	51.0	102.3	20.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
867	0.577	0.466	0.269	72.2	−9.5	38.6	39.8	103.8	18.3	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
868	0.464	0.374	0.255	62.1	−7.7	26.3	27.4	106.2	14.3	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
869	0.343	0.303	0.24	51.0	−5.5	13.5	14.6	112.4	9.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
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	0.152	0.158	0.19	31.3	3.2	−15.3	15.7	282.0	10.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
872	0.0	0.008	0.085	25.0	5.8	−23.0	23.8	284.2	13.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
873	1.0	0.817	0.196	91.4	−14.0	76.2	77.5	100.4	19.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
874	0.82	0.657	0.218	88.8	−12.6	77.4	78.4	99.2	29.5	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
875	0.695	0.545	0.205	81.1	−12.1	67.9	69.0	100.1	29.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
876	0.569	0.44	0.182	71.5	−11.1	55.8	56.9	101.3	25.6	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
877	0.443	0.338	0.165	61.5	−9.6	42.6	43.6	102.7	20.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
878	0.337	0.264	0.153	52.3	−8.3	31.2	32.2	104.9	18.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
879	0.247	0.215	0.159	40.4	−5.0	15.7	16.4	107.7	10.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
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	0.006	0.044	26.1	5.8	−13.2	14.4	293.7	11.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
882	0.98	0.774	0.105	91.2	−14.4	84.3	85.5	99.7	19.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
883	0.801	0.634	0.145	90.1	−13.2	90.5	91.5	98.3	34.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
884	0.682	0.525	0.127	81.7	−13.1	82.2	83.3	99.0	34.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
885	0.571	0.431	0.101	68.5	−11.5	68.1	69.1	99.6	28.0	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
886	0.444	0.327	0.083	57.4	−9.8	56.0	56.9	99.9	23.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
887	0.336	0.244	0.073	49.9	−9.7	43.6	44.7	102.6	21.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
888	0.239	0.176	0.056	41.7	−7.8	32.1	33.0	103.8	18.3	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
889	0.081	0.047	0.0	31.8	−4.5	15.8	16.4	106.1	10.7	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
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 **15.0**

1-1132930-F0 RE730-7N, Page 30/33-F

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
colors and differences, $\Delta E'^*$

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

1-1132930-F0

TUB registration: 20150701-RE73/RE73L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6* (CMYK)

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 31/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde				
891	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
892	B50R_100_012de	1.0	0.875	1.0	1.0	0.125	0.937	330	0.933	0.875	1.0	88.6	5.5	−3.3	6.4	328.6
893	B50R_100_025de	1.0	0.75	1.0	1.0	0.25	0.875	330	0.866	0.75	1.0	81.0	11.0	−6.7	12.8	328.6
894	B50R_100_037de	1.0	0.625	1.0	1.0	0.375	0.812	330	0.8	0.625	1.0	73.4	16.5	−10.0	19.3	328.6
895	B50R_100_050de	1.0	0.5	1.0	1.0	0.5	0.75	330	0.733	0.5	1.0	65.8	22.0	−13.4	25.7	328.6
896	B50R_100_062de	1.0	0.375	1.0	1.0	0.625	0.687	330	0.667	0.375	1.0	58.1	27.5	−16.7	32.2	328.6
897	B50R_100_075de	1.0	0.25	1.0	1.0	0.75	0.625	330	0.6	0.25	1.0	50.5	33.0	−20.1	38.6	328.6
898	B50R_100_087de	1.0	0.125	1.0	1.0	0.875	0.562	330	0.534	0.125	1.0	42.9	38.5	−23.5	45.1	328.6
899	B50R_100_100de	1.0	0.0	1.0	1.0	1.0	0.5	330	0.467	0.0	1.0	35.3	44.0	−26.8	51.5	328.6
900	G00B_100_012de	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.894	91.0	−7.0	2.2	7.4	162.2
901	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
902	B50R_087_012de	0.875	0.75	0.875	0.875	0.125	0.812	330	0.808	0.75	0.875	78.6	5.5	−3.3	6.4	328.6
903	B50R_087_025de	0.875	0.625	0.875	0.875	0.25	0.75	330	0.741	0.625	0.875	71.0	11.0	−6.7	12.8	328.6
904	B50R_087_037de	0.875	0.5	0.875	0.875	0.375	0.687	330	0.675	0.5	0.875	63.4	16.5	−10.0	19.3	328.6
905	B50R_087_050de	0.875	0.375	0.875	0.875	0.5	0.625	330	0.608	0.375	0.875	55.8	22.0	−13.4	25.7	328.6
906	B50R_087_062de	0.875	0.25	0.875	0.875	0.625	0.562	330	0.542	0.25	0.875	48.1	27.5	−16.7	32.2	328.6
907	B50R_087_075de	0.875	0.125	0.875	0.875	0.75	0.5	330	0.475	0.125	0.875	40.5	33.0	−20.1	38.6	328.6
908	B50R_087_087de	0.875	0.0	0.875	0.875	0.875	0.437	330	0.409	0.0	0.875	32.9	38.5	−23.5	45.1	328.6
909	G00B_100_025de	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.788	85.8	−14.1	4.5	14.8	162.2
910	G00B_087_012de	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.769	81.1	−7.0	2.2	7.4	162.2
911	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
912	B50R_075_012de	0.75	0.625	0.75	0.75	0.125	0.687	330	0.683	0.625	0.75	68.6	5.5	−3.3	6.4	328.6
913	B50R_075_025de	0.75	0.5	0.75	0.75	0.25	0.625	330	0.616	0.5	0.75	61.0	11.0	−6.7	12.8	328.6
914	B50R_075_037de	0.75	0.375	0.75	0.75	0.375	0.562	330	0.55	0.375	0.75	53.4	16.5	−10.0	19.3	328.6
915	B50R_075_050de	0.75	0.25	0.75	0.75	0.5	0.5	330	0.483	0.25	0.75	45.8	22.0	−13.4	25.7	328.6
916	B50R_075_062de	0.75	0.125	0.75	0.75	0.625	0.437	330	0.417	0.125	0.75	38.2	27.5	−16.7	32.2	328.6
917	B50R_075_075de	0.75	0.0	0.75	0.75	0.75	0.375	330	0.35	0.0	0.75	30.5	33.0	−20.1	38.6	328.6
918	G00B_100_037de	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.682	80.6	−21.1	6.7	22.2	162.2
919	G00B_087_025de	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.663	75.8	−14.1	4.5	14.8	162.2
920	G00B_075_012de	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.644	71.1	−7.0	2.2	7.4	162.2
921	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
922	B50R_062_012de	0.625	0.5	0.625	0.625	0.125	0.562	330	0.558	0.5	0.625	58.7	5.5	−3.3	6.4	328.6
923	B50R_062_025de	0.625	0.375	0.625	0.625	0.25	0.5	330	0.491	0.375	0.625	51.0	11.0	−6.7	12.8	328.6
924	B50R_062_037de	0.625	0.25	0.625	0.625	0.375	0.437	330	0.425	0.25	0.625	43.4	16.5	−10.0	19.3	328.6
925	B50R_062_050de	0.625	0.125	0.625	0.625	0.5	0.375	330	0.358	0.125	0.625	35.8	22.0	−13.4	25.7	328.6
926	B50R_062_062de	0.625	0.0	0.625	0.625	0.625	0.312	330	0.292	0.0	0.625	28.2	27.5	−16.7	32.2	328.6
927	G00B_100_050de	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.576	75.4	−28.2	9.0	29.6	162.2
928	G00B_087_037de	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.557	70.6	−21.1	6.7	22.2	162.2
929	G00B_075_025de	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.538	65.9	−14.1	4.5	14.8	162.2
930	G00B_062_012de	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.519	61.1	−7.0	2.2	7.4	162.2
931	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
932	B50R_050_012de	0.5	0.375	0.5	0.5	0.125	0.437	330	0.433	0.375	0.5	48.7	5.5	−3.3	6.4	328.6
933	B50R_050_025de	0.5	0.25	0.5	0.5	0.25	0.375	330	0.366	0.249	0.5	41.0	11.0	−6.7	12.8	328.6
934	B50R_050_037de	0.5	0.125	0.5	0.5	0.375	0.312	330	0.3	0.124	0.5	33.4	16.5	−10.0	19.3	328.6
935	B50R_050_050de	0.5	0.0	0.5	0.5	0.5	0.25	330	0.233	0.0	0.5	25.8	22.0	−13.4	25.7	328.6
936	G00B_100_062de	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.47	70.2	−35.2	11.3	37.0	162.2
937	G00B_087_050de	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.451	65.4	−28.2	9.0	29.6	162.2
938	G00B_075_037de	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.432	60.7	−21.1	6.7	22.2	162.2
939	G00B_062_025de	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.413	55.9	−14.1	4.5	14.8	162.2
940	G00B_050_012de	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.394	51.1	−7.0	2.2	7.4	162.2
941	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
942	B50R_037_012de	0.375	0.25	0.375	0.375	0.125	0.312	330	0.308	0.249	0.375	38.7	5.5	−3.3	6.4	328.6
943	B50R_037_025de	0.375	0.125	0.375	0.375	0.25	0.25	330	0.241	0.124	0.375	31.1	11.0	−6.7	12.8	328.6
944	B50R_037_037de	0.375	0.0	0.375	0.375	0.375	0.187	330	0.175	0.0	0.375	23.4	16.5	−10.0	19.3	328.6
945	G00B_100_075de	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.364	65.0	−42.3	13.5	44.4	162.2
946	G00B_087_062de	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.345	60.2	−35.2	11.3	37.0	162.2
947	G00B_075_050de	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.326	55.5	−28.2	9.0	29.6	162.2
948	G00B_062_037de	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.307	50.7	−21.1	6.7	22.2	162.2
949	G00B_050_025de	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.288	45.9	−14.1	4.5	14.8	162.2
950	G00B_037_012de	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.269	41.1	−7.0	2.2	7.4	162.2
951	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
952	B50R_025_012de	0.25	0.125	0.25	0.25	0.125	0.187	330	0.183	0.124	0.25	28.7	5.5	−3.3	6.4	328.6
953	B50R_025_025de	0.25	0.0	0.25	0.25	0.25	0.125	330	0.116	0.0	0.25	21.1	11.0	−6.7	12.8	328.6
954	G00B_100_087de	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.259	59.8	−49.4	15.8	51.8	162.2
955	G00B_087_075de	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.239	55.0	−42.3	13.5	44.4	162.2
956	G00B_075_062de	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.22	50.2	−35.2	11.3	37.0	162.2
957	G00B_062_050de	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.201	45.5	−28.2	9.0	29.6	162.2
958	G00B_050_037de	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.182	40.7	−21.1	6.7	22.2	162.2
959	G00B_037_025de	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.163	35.9	−14.1	4.5	14.8	162.2
960	G00B_025_012de	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.144	31.1	−7.0	2.2	7.4	162.2
961	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
962	B50R_012_012de	0.125	0.0	0.125	0.125	0.125	0.062	330	0.058	0.0	0.125	18.7	5.5	−3.3	6.4	328.6
963	G00B_100_100de	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.153	54.6	−56.4	18.1	59.3	162.2
964	G00B_087_087de	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.134	49.8	−49.4	15.8	51.8	162.2
965	G00B_075_075de	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.114	45.0	−42.3	13.5	44.4	162.2
966	G00B_062_062de	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.095	40.3	−35.2	11.3	37.0	162.2
967	G00B_050_050de	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.076	35.5	−28.2	9.0	29.6	162.2
968	G00B_037_037de	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.057	30.7	−21.1	6.7	22.2	162.2
969	G00B_025_025de	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.038	25.9	−14.1	4.5	14.8	162.2
970	G00B_012_012de	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.019	21.1	−7.0	2.2	7.4	162.2
971	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

n	rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
891	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	0.916	0.84	0.952	91.5	8.3	−3.4	9.0	337.6	4.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
893	0.864	0.728	0.872	85.9	16.6	−5.8	17.6	340.7	7.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
894	0.798	0.609	0.849	79.7	25.5	−7.5	26.6	343.4	11.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
895	0.73	0.49	0.817	73.7	34.3	−9.0	35.5	345.2	15.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
896	0.656	0.358	0.802	66.9	45.3	−10.4	46.4	347.0	20.8	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
897	0.575	0.237	0.784	59.7	54.9	−11.4	56.1	348.2	25.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
898	0.486	0.132	0.765	51.3	68.0	−10.7	68.8	351.0	33.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
899	0.412	0.03	0.778	46.9	70.2	−10.2	70.9	351.7	33.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
900	0.848	0.979	0.901	92.7	−8.0	7.2	10.8	138.0	5.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
901	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	0.799	0.726	0.809	83.4	10.0	−5.8	11.5	329.8	7.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
903	0.741	0.608	0.744	77.2	19.4	−8.2	21.1	336.9	10.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
904	0.664	0.469	0.719	70.7	28.4	−10.6	30.4	339.4	14.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
905	0.589	0.34	0.686	64.3	38.1	−12.7	40.2	341.4	18.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
906	0.513	0.235	0.656	57.5	47.6	−13.8	49.6	343.8	22.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
907	0.421	0.125	0.635	49.9	59.6	−15.7	61.6	345.2	28.6	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
908	0.339	0.02	0.629	43.7	64.2	−13.3	65.6	348.2	29.7	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
909	0.691	0.959	0.784	88.6	−14.9	13.1	19.9	138.7	9.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
910	0.705	0.808	0.741	87.1	−10.6	9.1	14.0	139.5	9.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
911	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	0.654	0.584	0.658	72.8	10.1	−6.4	11.9	327.5	6.9	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
913	0.589	0.452	0.598	66.5	19.6	−8.9	21.6	335.5	10.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
914	0.521	0.339	0.562	59.3	28.7	−10.4	30.6	340.0	13.6	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
915	0.445	0.217	0.522	52.7	39.3	−12.5	41.2	342.3	18.6	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
916	0.362	0.109	0.512	45.6	50.5	−12.7	52.1	345.8	24.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
917	0.288	0.005	0.492	38.7	57.7	−13.3	59.2	347.0	26.9	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
918	0.558	0.975	0.668	83.5	−20.9	16.0	26.4	142.5	9.7	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
919	0.554	0.774	0.61	82.3	−17.1	13.2	21.6	142.2	11.2	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
920	0.567	0.661	0.573	76.8	−10.3	6.0	11.9	149.7	7.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
921	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	0.528	0.456	0.523	63.1	10.7	−7.2	12.9	326.2	7.8	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
923	0.464	0.33	0.466	55.7	20.3	−9.3	22.3	335.1	10.7	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
924	0.379	0.216	0.417	49.1	31.0	−11.5	33.1	339.6	15.6	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
925	0.315	0.108	0.397	41.8	41.5	−11.4	43.0	344.6	20.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
926	0.25	0.0	0.375	34.8	51.0	−11.4	52.3	347.3	25.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
927	0.452	0.99	0.581	77.5	−27.9	17.5	32.9	147.8	8.7	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
928	0.425	0.767	0.5	76.5	−26.1	15.3	30.3	149.6	11.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
929	0.441	0.642	0.468	72.0	−17.1	10.7	20.2	147.9	9.2	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
930	0.455	0.542	0.452	66.9	−10.3	4.9	11.4	154.1	7.2	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
931	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	0.402	0.335	0.394	51.4	11.3	−7.5	13.5	326.2	7.6	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
933	0.338	0.223	0.345	45.3	22.2	−9.7	24.2	336.4	12.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
934	0.272	0.112	0.315	38.9	32.1	−9.7	33.5	343.0	16.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
935	0.172	0.0	0.25	31.9	42.0	−9.0	43.0	347.8	21.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
936	0.32	0.874	0.432	70.5	−37.5	22.9	44.0	148.5	11.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
937	0.325	0.767	0.41	71.7	−34.8	19.7	40.0	150.4	14.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
938	0.344	0.637	0.375	66.0	−26.1	14.4	29.8	151.0	10.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
939	0.348	0.532	0.356	60.5	−19.6	8.7	21.5	155.9	8.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
940	0.348	0.429	0.341	54.5	−10.3	4.1	11.1	158.0	5.1	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
941	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	0.3	0.237	0.294	40.3	12.3	−7.3	14.4	329.2	8.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
943	0.227	0.121	0.234	35.5	23.4	−8.7	25.0	339.5	13.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
944	0.125	0.0	0.25	30.1	32.8	−8.3	33.8	345.8	17.7	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
945	0.235	0.869	0.348	64.1	−48.0	26.9	55.1	150.7	14.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
946	0.231	0.77	0.332	66.6	−44.3	25.5	51.2	150.0	18.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
947	0.246	0.66	0.302	60.1	−33.9	18.3	38.5	151.5	11.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
948	0.262	0.541	0.278	54.4	−28.3	13.3	31.3	154.7	10.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
949	0.261	0.427	0.26	48.5	−21.0	9.4	23.1	155.7	8.9	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
950	0.259	0.334	0.252	43.9	−11.5	4.3	12.2	159.4	5.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
951	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	0.192	0.131	0.189	32.1	12.3	−6.1	13.8	333.6	8.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
953	0.125	0.0	0.125	28.7	21.1	−7.1	22.3	341.2	12.7	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
954	0.151	0.855	0.275	58.3	−58.5	31.2	66.4	151.9	18.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
955	0.127	0.747	0.229	60.7	−54.7	30.8	62.8	150.6	22.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
956	0.15	0.626	0.208	56.0	−42.5	22.9	48.3	151.6	14.9	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
957	0.148	0.512	0.169	50.8	−36.8	18.7	41.3	153.0	14.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
958	0.148	0.39	0.146	44.9	−29.5	13.4	32.4	155.6	11.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
959	0.091	0.254	0.098	39.3	−22.8	8.0	24.2	160.5	10.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
960	0.124	0.204	0.127	36.5	−11.2	5.2	12.4	154.9	7.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
961	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	0.03	0.0	0.043	25.8	10.7	−3.7	11.3	340.6	8.8	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
963	0.075	0.805	0.19	56.2	−63.4	34.4	72.2	151.4	17.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
964	0.086	0.649	0.161	53.3	−69.2	32.4	76.4	154.8	26.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
965	0.086	0.529	0.12	51.4	−70.2	30.8	76.7	156.3	33.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
966	0.045	0.401	0.063	48.0	−66.7	29.2	72.9	156.3	37.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
967	0.0	0.25	0.0	43.8	−58.7	24.2	63.5	157.5	35.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
968	0.0	0.25	0.0	39.0	−35.8	14.3	38.6	158.2	18.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
969	0.0	0.125	0.0	34.1	−22.4	7.4	23.6	161.5	12.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
970	0.0	0.06	0.0	30.2	−8.7	5.5	10.3	147.8	9.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
971	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** **13.6**

1−1133030−F0

RE730−7N, Page 31/33−F

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
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/RE73/RE73.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−1133030−F0

TUB registration: 20150701-RE73/RE73L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6* (CMYK)

http://130.149.60.45/~farbmetrik/RE73/RE73L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE73/RE73LE30FP.DAT in file (F), page 32/33

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				
972	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	14.7	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_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	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_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	35.4	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_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	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_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	58.7	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_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	69.9	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_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	79.7	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_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	89.9	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_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	96.3	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_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	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_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	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_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	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_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	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_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	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_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	69.4	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_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	−0.5	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_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	89.9	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_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	285.7	0.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
990	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	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_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	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_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	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_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	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_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	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_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	69.4	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_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	79.7	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_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	0.2	−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_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	−0.2	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_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	12.9	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_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	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_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	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_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	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_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	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_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	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_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	79.1	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_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	90.0	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_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	96.3	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_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	12.9	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	−0.1	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_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	12.6	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	96.3	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_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	12.1	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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_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	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

RE730−7N, Page 32/33−F

input: *rgb/cmyk* −> *rgb*de
output: 3D-linearization to *cmyk**de

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
colors and differences, Δ*E*'*

1−1133130−F0

see similar files: http://130.149.60.45/~farbmetrik/RE73/RE73.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

n	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**$_{Mde}$				
1053	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	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$_{de}$	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	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$_{de}$	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	245.9	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1056	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	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$_{de}$	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	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$_{de}$	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	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$_{de}$	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	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$_{de}$	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	38.1	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$_{de}$	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	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$_{de}$	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	49.3	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$_{de}$	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	54.1	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$_{de}$	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	61.0	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$_{de}$	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	66.4	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$_{de}$	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	0.1	−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$_{de}$	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	77.2	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$_{de}$	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	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$_{de}$	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	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$_{de}$	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	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$_{de}$	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	0.0	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$_{de}$	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	14.6	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$_{de}$	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	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$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.244	46.2	53.3	25.3	59.0	25.4	0.903	0.052	0.267	46.1	58.9	40.3	71.4	34.3	15.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
1075	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	−34.1	−25.7	42.7	216.9	0.079	0.749	0.642	53.0	−32.8	−40.1	51.8	230.6	14.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
1076	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	−2.8	69.9	70.0	92.3	0.98	0.774	0.105	91.2	−14.6	87.8	89.0	99.4	22.6	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
1077	B00R_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.284	1.0	37.6	1.3	−44.6	44.7	271.7	0.014	0.226	0.703	31.6	22.5	−44.6	50.0	296.8	22.0	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
1078	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	−56.4	18.1	59.3	162.2	0.075	0.805	0.19	54.7	−66.4	34.5	74.8	152.5	19.1	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
1079	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	44.0	−26.8	51.5	328.6	0.412	0.03	0.778	46.8	71.8	−11.8	72.7	350.5	33.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
																	Mean color difference of this page:						**delta**		**6.3**							

TUB-test chart RE73; 1080 standard colours, *cf*=0,9
colors and differences, Δ*E'**

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

1−1133230−F0