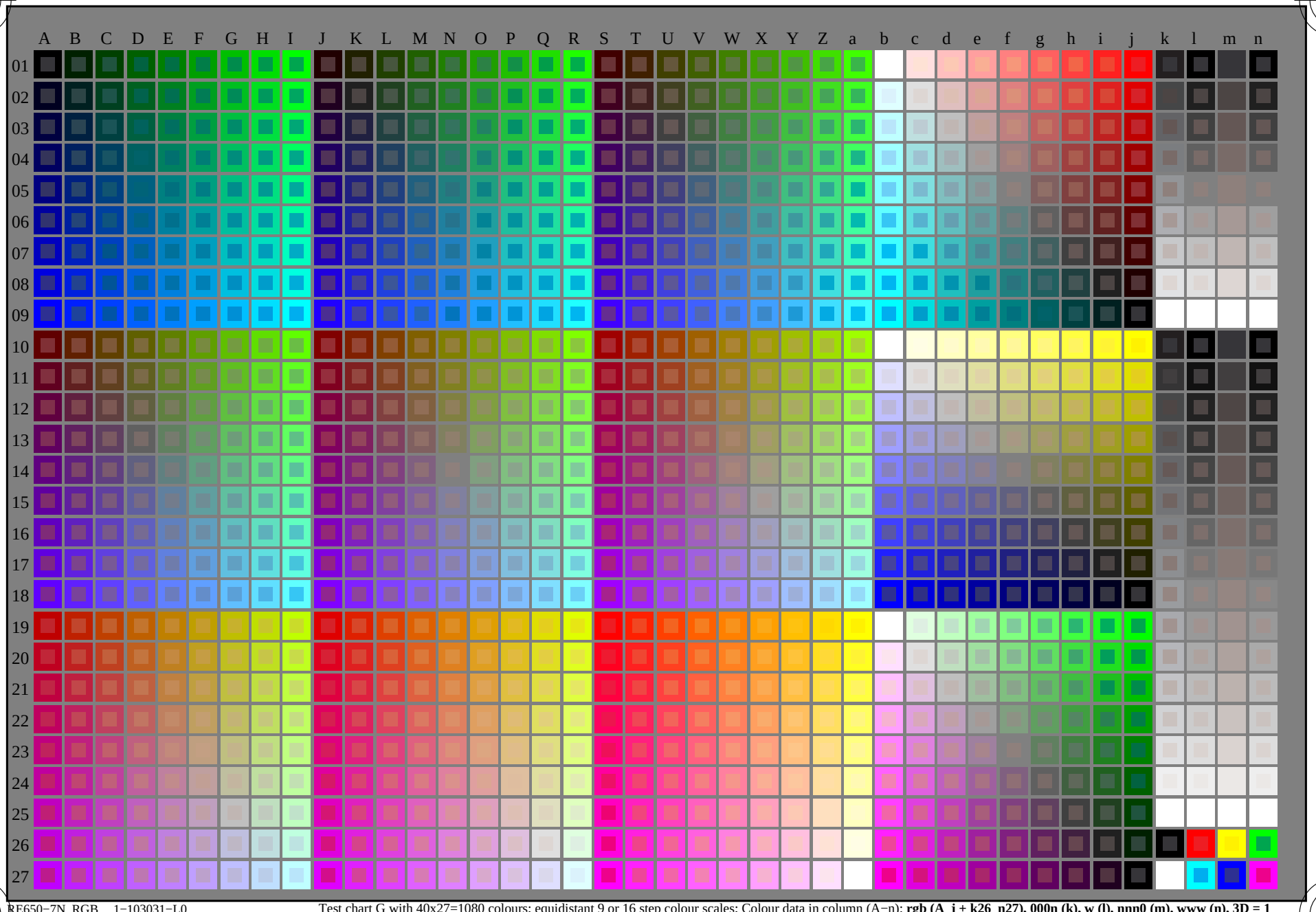
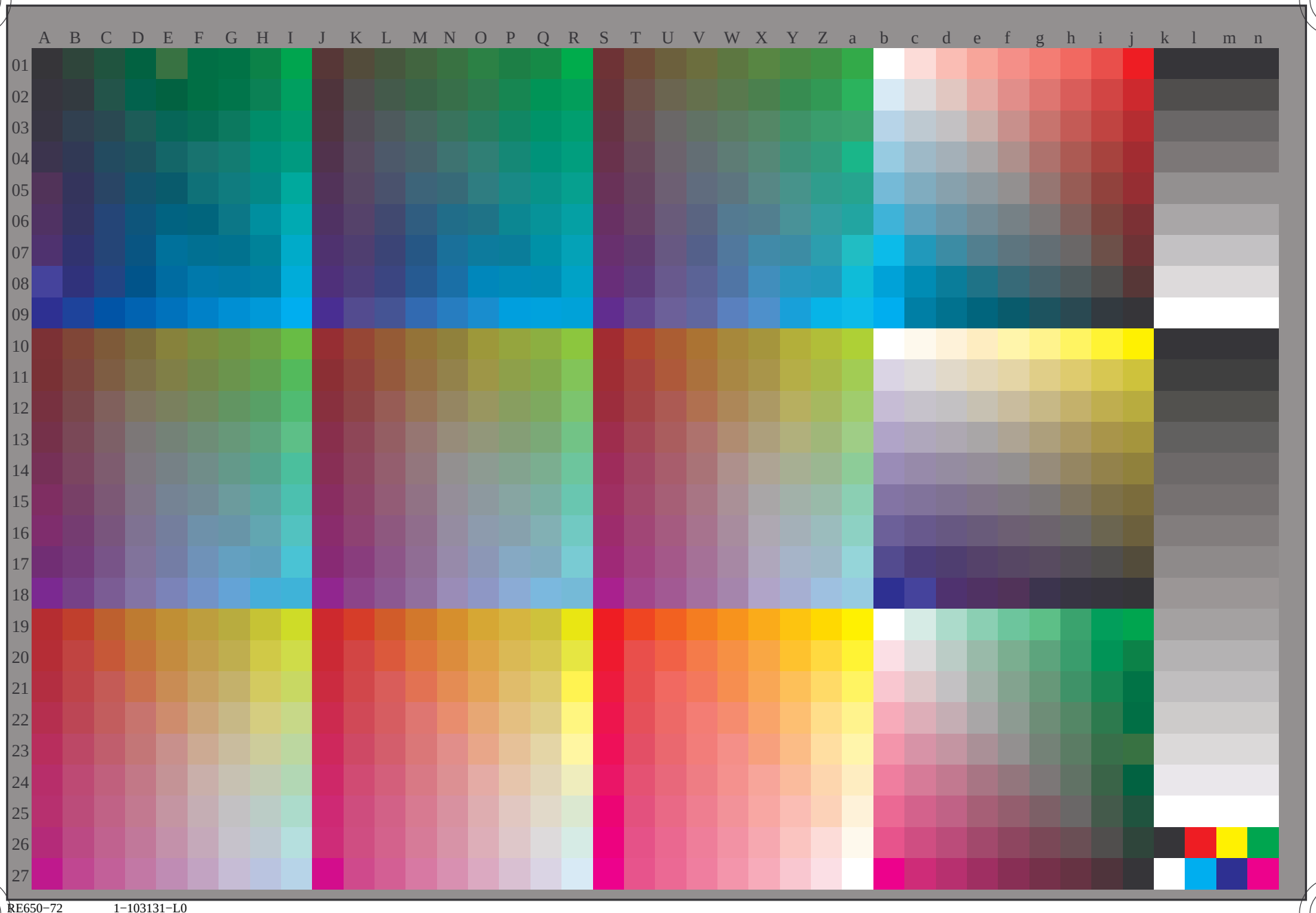


RE650−7N_RGB 1−103031−L0

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**

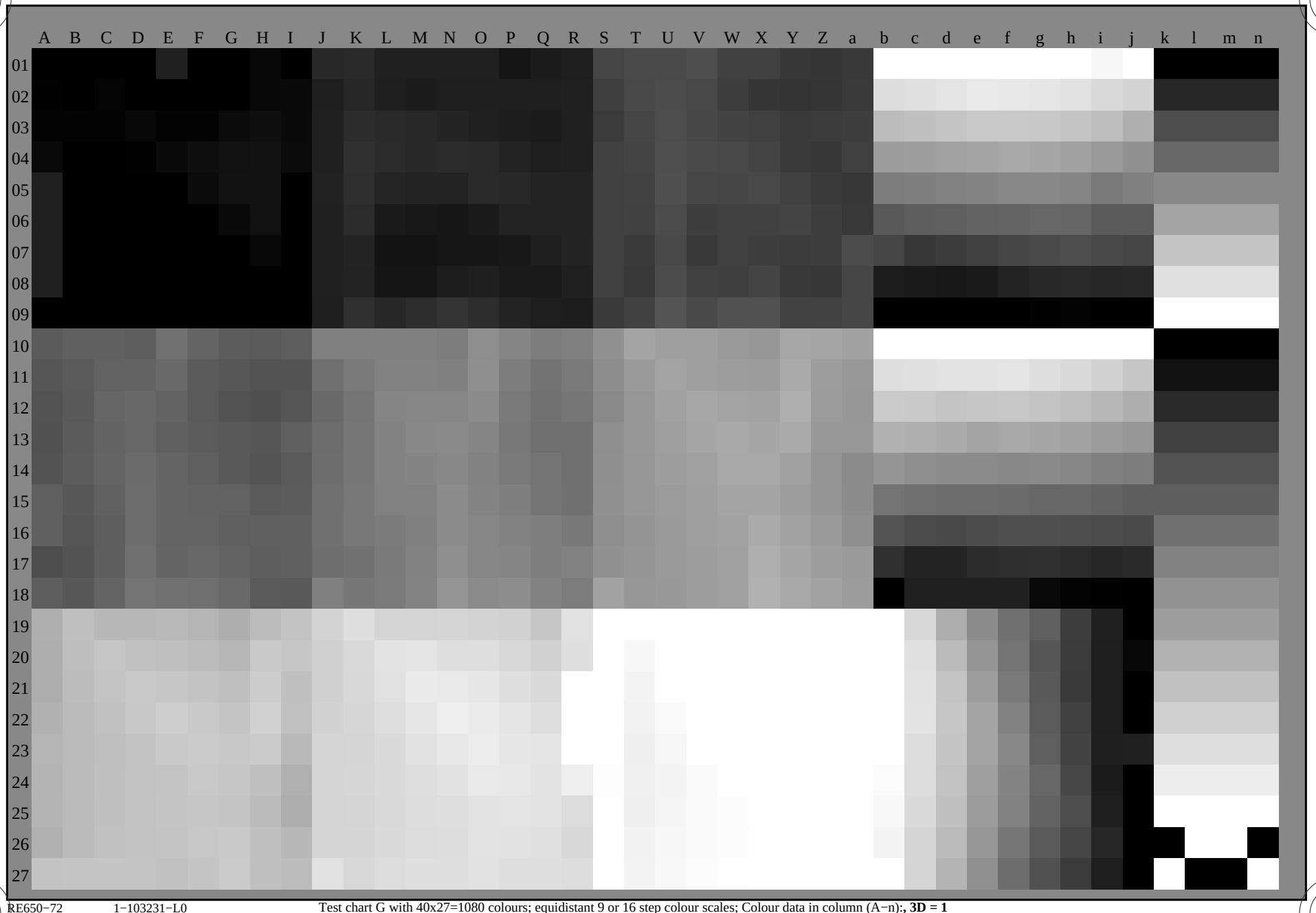
TUB-test chart RE65; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

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



TUB-test chart RE65; 1080 standard colours, *cf*=1
Test chart according to DIN 33872, 3D=1, de=0, *cmy0**

input: *rgb/cmyk −> rgb*$_{dd}$
output: 3D-linearization to *cmy0**$_{dd}$

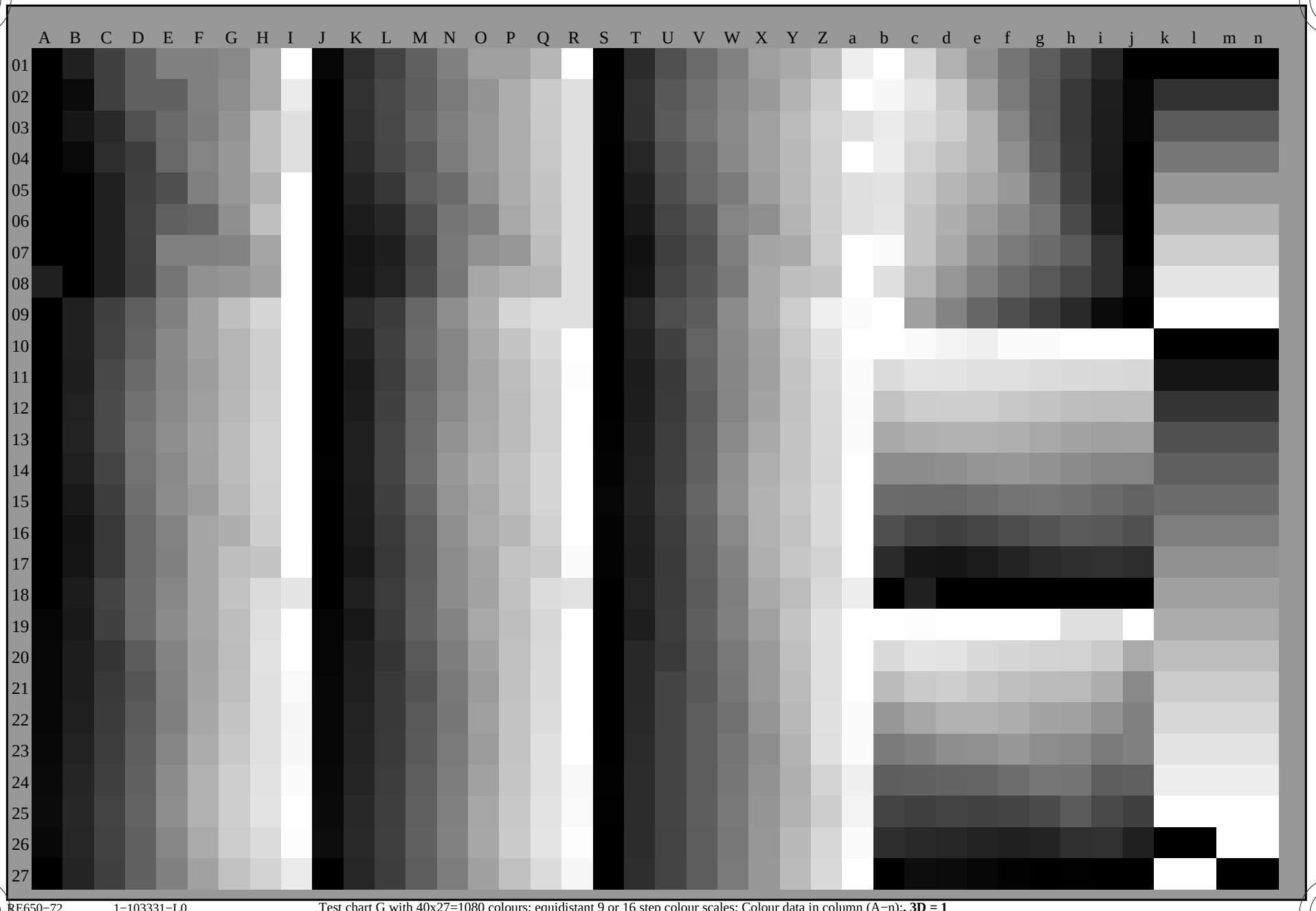


RE650−72 1−103231−L0 Test chart G with 40x27=1080 colours; equidistant 9 or 16 step colour scales; Colour data in column (A−n):, **3D = 1**

TUB-test chart RE65; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

input: *rgb/cmyk −> rgb*$_{dd}$
output: 3D-linearization to *cmy0**$_{dd}$

1−103231−F0



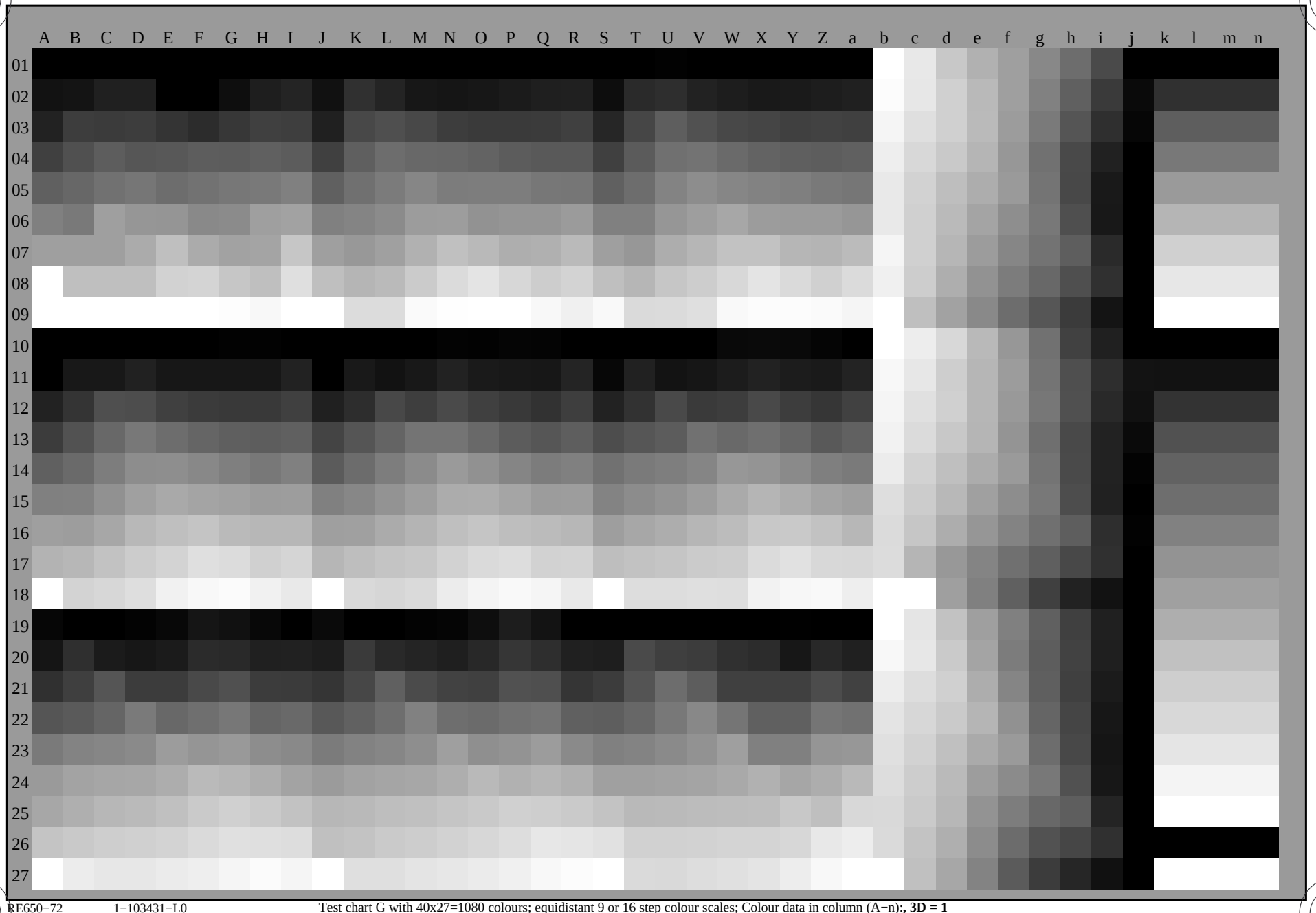
RE650−72 1−103331−L0

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 RE65; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

input: *rgb/cmyk −> rgb*$_{dd}$
output: 3D-linearization to *cmy0**$_{dd}$

1−103331−F0



RE650−72 1−103431−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 RE65; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

input: *rgb/cmyk −> rgb*$_{dd}$
output: 3D-linearization to *cmy0**$_{dd}$

1−103431−F0

TUB registration: 20150701-RE65/RE65L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmy0* (CMY0)

RE650−72 1−103531−L0

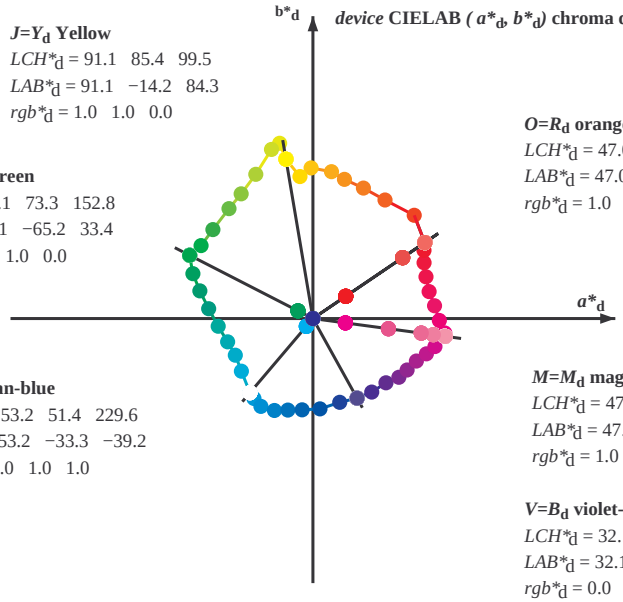
TUB-test chart RE65; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

input: *rgb/cmyk −> rgb*$_{dd}$
output: 3D-linearization to *cmy0**$_{dd}$

1−103531−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*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

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



J=Y_d Yellow
LCH^*_d = 91.1 85.4 99.5
LAB^*_d = 91.1 −14.2 84.3
rgb^*_d = 1.0 1.0 0.0

O=R_d orange-red
LCH^*_d = 47.0 71.5 34.1
LAB^*_d = 47.0 59.1 40.1
rgb^*_d = 1.0 0.0 0.0

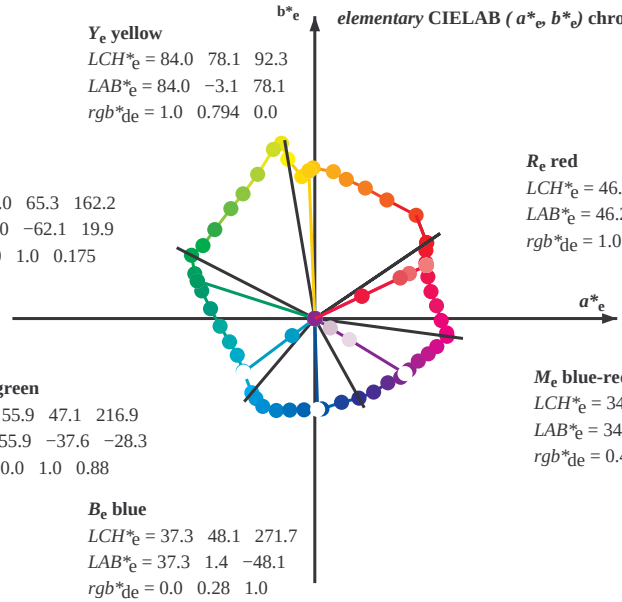
L=G_d leaf-green
LCH^*_d = 55.1 73.3 152.8
LAB^*_d = 55.1 −65.2 33.4
rgb^*_d = 0.0 1.0 0.0

C=C_d cyan-blue
LCH^*_d = 53.2 51.4 229.6
LAB^*_d = 53.2 −33.3 −39.2
rgb^*_d = 0.0 1.0 1.0

M=M_d magenta-red
LCH^*_d = 47.6 70.6 352.3
LAB^*_d = 47.6 69.9 −9.4
rgb^*_d = 1.0 0.0 1.0

V=B_d violet-blue
LCH^*_d = 32.1 48.1 299.0
LAB^*_d = 32.1 23.3 −42.1
rgb^*_d = 0.0 0.0 1.0

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



Y_e yellow
LCH^*_e = 84.0 78.1 92.3
LAB^*_e = 84.0 −3.1 78.1
rgb^*_{de} = 1.0 0.794 0.0

R_e red
LCH^*_e = 46.2 65.4 25.4
LAB^*_e = 46.2 59.0 28.1
rgb^*_{de} = 1.0 0.0 0.273

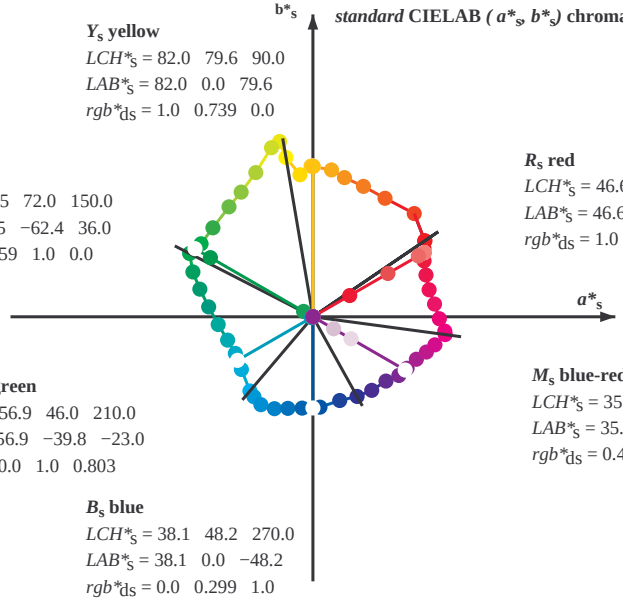
G_e green
LCH^*_e = 55.0 65.3 162.2
LAB^*_e = 55.0 −62.1 19.9
rgb^*_{de} = 0.0 1.0 0.175

C_e blue-green
LCH^*_e = 55.9 47.1 216.9
LAB^*_e = 55.9 −37.6 −28.3
rgb^*_{de} = 0.0 1.0 0.88

M_e blue-red
LCH^*_e = 34.6 55.9 328.6
LAB^*_e = 34.6 47.7 −29.1
rgb^*_{de} = 0.439 0.0 1.0

B_e blue
LCH^*_e = 37.3 48.1 271.7
LAB^*_e = 37.3 1.4 −48.1
rgb^*_{de} = 0.0 0.28 1.0

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



Y_s yellow
LCH^*_s = 82.0 79.6 90.0
LAB^*_s = 82.0 0.0 79.6
rgb^*_{ds} = 1.0 0.739 0.0

R_s red
LCH^*_s = 46.6 67.9 30.0
LAB^*_s = 46.6 58.8 33.9
rgb^*_{ds} = 1.0 0.0 0.164

G_s green
LCH^*_s = 56.5 72.0 150.0
LAB^*_s = 56.5 −62.4 36.0
rgb^*_{ds} = 0.059 1.0 0.0

C_s blue-green
LCH^*_s = 56.9 46.0 210.0
LAB^*_s = 56.9 −39.8 −23.0
rgb^*_{ds} = 0.0 1.0 0.803

M_s blue-red
LCH^*_s = 35.2 56.3 330.0
LAB^*_s = 35.2 48.8 −28.1
rgb^*_{ds} = 0.47 0.0 1.0

B_s blue
LCH^*_s = 38.1 48.2 270.0
LAB^*_s = 38.1 0.0 −48.2
rgb^*_{ds} = 0.0 0.299 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

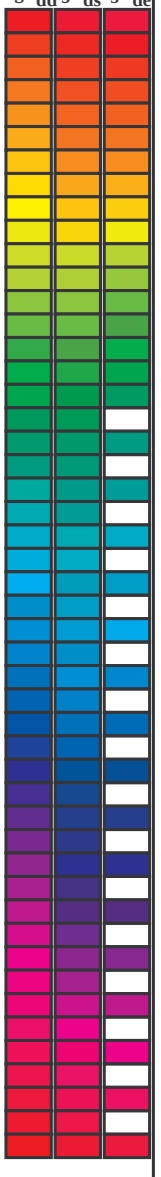
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd64M			*LAB**ddx64M (x=LabCh)					*rgb**ddx361M			*LAB**ddx361M (x=LabCh)					*rgb**dsx361M			*LAB**dsx361M (x=LabCh)					*rgb**dex361M			*LAB**dex361M					rgb*$_{dd}$ *rgb**$_{ds}$ *rgb**$_{de}$
34.1	30.0	25.4	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1	1.0	0.0	0.0	47.1	59.2	40.2	71.5	34	1.0	0.0	0.165	46.6	58.8	34.0	67.9	30	1.0	0.0	0.274	46.3	59.1	28.1	65.4	25	
45.5	37.5	33.8	1.0	0.125	0.0	53.0	53.6	54.6	76.5	45.5	1.0	0.117	0.0	52.7	54.1	53.7	76.2	44	1.0	0.031	0.0	48.5	58.1	43.8	72.8	37	1.0	0.0	0.043	46.9	59.1	38.8	70.6	33	
58.7	45.0	42.1	1.0	0.25	0.0	60.8	38.1	62.7	73.4	58.7	1.0	0.25	0.0	60.8	38.1	62.7	73.4	58	1.0	0.119	0.0	52.8	54.0	54.0	76.3	45	1.0	0.088	0.0	51.3	55.6	50.4	75.1	42	
68.8	52.5	50.5	1.0	0.375	0.0	66.8	26.7	69.0	74.0	68.8	1.0	0.367	0.0	66.5	27.5	68.7	74.0	68	1.0	0.186	0.0	56.9	46.2	59.1	75.0	52	1.0	0.167	0.0	55.7	48.5	57.8	75.5	49	
77.2	60.0	58.8	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2	1.0	0.5	0.0	72.2	16.7	73.7	75.5	77	1.0	0.266	0.0	61.6	36.7	63.6	73.5	60	1.0	0.252	0.0	60.9	37.9	62.9	73.4	58	
82.8	67.5	67.2	1.0	0.625	0.0	76.1	9.8	77.6	78.3	82.8	1.0	0.617	0.0	75.9	10.3	77.4	78.1	82	1.0	0.352	0.0	65.8	28.9	68.0	73.9	67	1.0	0.348	0.0	65.6	29.2	67.9	73.9	66	
90.6	75.0	75.6	1.0	0.75	0.0	82.6	−0.9	79.7	79.7	90.6	1.0	0.75	0.0	82.6	−0.9	79.7	79.7	−269	1.0	0.467	0.0	70.8	19.4	72.6	75.1	75	1.0	0.476	0.0	71.2	18.7	72.9	75.2	75	
95.2	82.5	83.9	1.0	0.875	0.0	86.7	−6.8	75.1	75.4	95.2	1.0	0.867	0.0	86.4	−6.4	75.5	75.7	94	1.0	0.607	0.0	75.6	10.8	77.2	77.9	82	1.0	0.634	0.0	76.6	9.0	77.9	78.4	83	
99.5	90.0	92.3	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5	1.0	1.0	0.0	91.1	−14.2	84.3	85.5	99	1.0	0.739	0.0	82.1	0.0	79.6	79.6	90	1.0	0.795	0.0	84.1	−3.1	78.1	78.2	92	
100.7	97.5	101.0	0.875	1.0	0.0	92.9	−17.6	92.7	94.4	100.7	0.883	1.0	0.0	92.8	−17.3	92.2	93.8	100	1.0	0.926	0.0	88.5	−9.6	79.0	79.5	97	0.905	1.0	0.0	92.5	−16.7	90.7	92.3	100	
103.7	105.0	109.7	0.75	1.0	0.0	89.4	−21.9	89.4	92.1	103.7	0.75	1.0	0.0	89.5	−21.8	89.5	92.1	103	0.73	1.0	0.0	88.2	−23.3	87.5	90.6	105	0.654	1.0	0.0	83.0	−28.5	79.4	84.4	109	
111.6	112.5	118.5	0.625	1.0	0.0	81.0	−30.2	76.3	82.0	111.6	0.633	1.0	0.0	81.6	−29.7	77.2	82.8	111	0.619	1.0	0.0	80.8	−30.5	75.9	81.8	112	0.53	1.0	0.0	75.9	−36.2	68.5	77.5	117	
119.9	120.0	127.2	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9	0.5	1.0	0.0	74.3	−37.9	66.0	76.1	119	0.499	1.0	0.0	74.3	−37.9	65.9	76.1	120	0.377	1.0	0.0	69.5	−44.2	58.3	73.2	127	
127.3	127.5	136.0	0.375	1.0	0.0	69.4	−44.4	58.1	73.1	127.3	0.383	1.0	0.0	69.7	−43.9	58.7	73.4	126	0.381	1.0	0.0	69.7	−44.0	58.6	73.3	127	0.283	1.0	0.0	64.3	−50.8	50.2	71.5	135	
138.3	135.0	144.7	0.25	1.0	0.0	62.4	−52.9	47.0	70.8	138.3	0.25	1.0	0.0	62.5	−52.8	47.1	70.8	138	0.288	1.0	0.0	64.6	−50.5	50.6	71.6	135	0.156	1.0	0.0	59.3	−57.6	40.8	70.7	144	
146.8	142.5	153.4	0.125	1.0	0.0	58.2	−59.2	38.6	70.6	146.8	0.133	1.0	0.0	58.5	−58.7	39.2	70.7	146	0.197	1.0	0.0	60.7	−55.7	43.6	70.8	142	0.0	1.0	0.001	55.1	−65.1	33.4	73.3	152	
152.8	150.0	162.2	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8	0.0	1.0	0.0	55.1	−65.2	33.5	73.3	152	0.06	1.0	0.0	56.6	−62.3	36.0	72.1	150	0.0	1.0	0.175	55.1	−62.1	19.9	65.3	162	
159.5	157.5	169.0	0.0	1.0	0.125	54.8	−63.5	23.7	67.8	159.5	0.0	1.0	0.117	54.8	−63.6	24.4	68.2	159	0.0	1.0	0.078	54.9	−64.2	27.3	69.9	157	0.0	1.0	0.285	55.6	−58.6	11.8	59.8	168	
166.2	165.0	175.9	0.0	1.0	0.25	55.4	−59.8	14.6	61.5	166.2	0.0	1.0	0.25	55.4	−59.7	14.6	61.6	166	0.0	1.0	0.227	55.3	−60.5	16.2	62.7	165	0.0	1.0	0.391	56.3	−54.5	3.9	54.7	175	
174.5	172.5	182.7	0.0	1.0	0.375	56.2	−55.1	5.2	55.4	174.5	0.0	1.0	0.367	56.2	−55.4	5.8	55.8	174	0.0	1.0	0.336	56.0	−56.7	8.0	57.3	172	0.0	1.0	0.471	56.8	−51.4	−2.0	51.5	182	
184.6	180.0	189.6	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6	0.0	1.0	0.5	56.9	−50.0	−4.0	50.3	184	0.0	1.0	0.442	56.6	−52.6	0.0	52.7	180	0.0	1.0	0.558	57.2	−47.9	−8.0	48.7	189	
195.2	187.5	196.4	0.0	1.0	0.625	57.4	−45.1	−12.3	46.7	195.2	0.0	1.0	0.617	57.4	−45.4	−11.7	47.0	194	0.0	1.0	0.528	57.0	−49.1	−5.9	49.5	187	0.0	1.0	0.634	57.5	−44.8	−12.8	46.7	195	
205.2	195.0	203.2	0.0	1.0	0.75	57.5	−41.0	−19.3	45.3	205.2	0.0	1.0	0.75	57.6	−41.0	−19.3	45.4	205	0.0	1.0	0.622	57.5	−45.2	−12.0	46.9	195	0.0	1.0	0.725	57.6	−41.8	−18.0	45.7	203	
216.3	202.5	210.1	0.0	1.0	0.875	56.0	−37.8	−27.8	46.9	216.3	0.0	1.0	0.867	56.1	−38.0	−27.2	46.9	215	0.0	1.0	0.709	57.5	−42.4	−17.1	45.9	202	0.0	1.0	0.8	57.0	−39.9	−22.7	46.0	209	
229.6	210.0	216.9	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6	0.0	1.0	1.0	53.3	−33.2	−39.2	51.5	229	0.0	1.0	0.803	56.9	−39.8	−22.9	46.1	210	0.0	1.0	0.881	55.9	−37.6	−28.3	47.2	216	
233.6	217.5	223.8	0.0	0.875	1.0	52.6	−31.1	−42.2	52.5	233.6	0.0	0.883	1.0	52.7	−31.2	−42.0	52.5	233	0.0	1.0	0.881	55.9	−37.6	−28.3	47.2	217	0.0	1.0	0.941	54.6	−35.8	−33.8	49.4	223	
239.3	225.0	230.6	0.0	0.75	1.0	52.6	−27.5	−46.4	54.0	239.3	0.0	0.75	1.0	52.6	−27.4	−46.4	54.0	239	0.0	1.0	0.956	54.2	−35.2	−35.2	49.9	225	0.0	0.968	1.0	53.1	−32.7	−39.9	51.8	230	
247.2	232.5	237.5	0.0	0.625	1.0	50.2	−20.3	−48.6	52.7	247.2	0.0	0.633	1.0	50.4	−20.8	−48.4	52.8	246	0.0	0.926	1.0	52.9	−32.0	−41.0	52.1	232	0.0	0.8	1.0	52.6	−29.0	−44.7	53.4	237	
254.6	240.0	244.3	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6	0.0	0.5	1.0	46.3	−13.2	−48.3	50.2	254	0.0	0.74	1.0	52.4	−26.9	−46.6	53.9	240	0.0	0.671	1.0	51.1	−22.9	−47.9	53.2	244	
263.2	247.5	251.2	0.0	0.375	1.0	41.3	−5.7	−48.3	48.6	263.2	0.0	0.383	1.0	41.7	−6.1	−48.3	48.8	262	0.0	0.629	1.0	50.3	−20.5	−48.5	52.8	247	0.0	0.566	1.0	48.4	−16.9	−48.6	51.6	250	
274.4	255.0	258.0	0.0	0.25	1.0	36.0	3.7	−47.8	47.9	274.4	0.0	0.25	1.0	36.1	3.7	−47.7	48.0	274	0.0	0.495	1.0	46.1	−12.9	−48.4	50.2	255	0.0	0.451	1.0	44.3	−10.2	−48.4	49.6	258	
287.7	262.5	264.8	0.0	0.125	1.0	34.4	14.1	−44.3	46.5	287.7	0.0	0.133	1.0	34.6	13.5	−44.5	46.6	286	0.0	0.393	1.0	42.1	−6.7	−48.3	48.9	262	0.0	0.362	1.0	40.8	−4.6	−48.3	48.6	264	
299.0	270.0	271.7	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0	0.0	0.0	1.0	32.1	23.4	−42.0	48.2	299	0.0	0.3	1.0	38.2	0.0	−48.1	48.2	270	0.0	0.281	1.0	37.4	1.5	−48.0	48.1	271	
308.6	277.5	278.8	0.125	0.0	1.0	31.3	31.1	−38.9	49.8	308.6	0.117	0.0	1.0	31.4	30.6	−39.1	49.7	308	0.0	0.226	1.0	35.8	5.8	−47.2	47.7	277	0.0	0.213	1.0	35.6	6.9	−46.9	47.5	278	
318.6	285.0	285.9	0.25	0.0	1.0	30.9	38.6	−34.0	51.4	318.6	0.25	0.0	1.0	30.9	38.7	−33.9	51.5	318	0.0	0.151	1.0	34.8	12.1	−45.1	46.8	285	0.0	0.142	1.0	34.7	12.8	−44.8	46.7	285	
325.6	292.5	293.0	0.375	0.0	1.0	33.4	45.4	−31.0	55.0	325.6	0.367	0.0	1.0	33.3	45.0	−31.2	54.8	325	0.0	0.078	1.0	33.6	17.7	−43.6	47.2	292	0.0	0.071	1.0	33.5	18.1	−43.5	47.2	292	
331.3	300.0	300.1	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3	0.5	0.0	1.0	35.8	49.8	−27.1	56.8	331	0.013	0.0	1.0	32.1	24.2	−41.8	48.3	300	0.015	0.0	1.0	32.0	24.3	−41.7	48.4	300	
337.6	307.5	307.2	0.625	0.0	1.0	39.0	54.7	−22.4	59.1	337.6	0.617	0.0	1.0	38.8	54.4	−22.7	59.0	337	0.104	0.0	1.0	31.5	29.8	−39.5	49.6	307	0.101	0.0	1.0	31.5	29.7	−39.5	49.5	306	
342.7	315.0	314.3	0.75	0.0	1.0	41.8	60.0	−18.6	62.8	342.7	0.75	0.0	1.0	41.9	60.0	−18.6	62.9	342	0.204	0.0	1.0	31.1	36.0	−35.9	50.9	315	0.197	0.0	1.0	31.1	35.5	−36.2	50.8	314	
347.0	322.5	321.4	0.875	0.0	1.0	44.2	64.5	−14.8	66.2	347.0	0.867	0.0	1.0	44.1	64.3	−15.0	66.0	346	0.31	0.0	1.0	32.1	41.9	−32.6	53.2	322	0.292	0.0	1.0	31.8	41.0	−33.0	52.7	321	
352.3	330.0	328.6	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3	1.0	0.0	1.0	47.7	70.0	−9.3	70.6	352	0.47	0.0	1.0	35.3	48.8	−28.1	56.4	330	0.44	0.0	1.0	34.7	47.8	−29.0	56.0	328	
353.7	337.5	335.7	1.0	0.0	0.875	46.9	69.7	−7.6	70.1	353.7	1.0	0.0	0.883	47.0	69.8	−7.6	70.2	353	0.612	0.0	1.0	38.7	54.2	−22.9	58.9	337	0.577	0.0	1.0	37.8	52.9	−24.3	58.3	335	
359.1	345.0	342.8	1.0	0.0	0.75	46.3	66.8	−1.0	66.8	359.1	1.0	0.0	0.75	46.3	66.9	−0.9	66.9	359	0.815	0.0	1.0	43.1	62.4	−16.6	64.6	345	0.753	0.0	1.0	41.9	60.1	−18.5	62.9	342	
365.9	352.5	349.9	1.0	0.0	0.625	46.1	64.3	6.7	64.7	365.9	1.0	0.0	0.633	46.1	64.6	6.3	64.9	365	0.992	0.0	1.0	47.4	69.7	−9.7	70.3	352	0.932	0.0	1.0	45.8	67.1	−12.4	68.2	349	
373.0	360.0	357.0	1.0	0.0	0.5	46.0	61.4	14.2	63.1	373.0	1.0	0.0	0.5	46.1	61.5	14.3	63.1	373	1.0	0.0	0.734	46.3	66.6	0.0	66.6	360	0.993	0.0	1.0	47.5	69.7	−9.6	70.4	352	
380.2	367.5	364.1	1.0	0.0	0.375	45.8	59.8	22.0	63.7	380.2	1.0	0.0	0.383	45.9	60.0	21.6	63.7	379	1.0	0.0	0.607	46.1	64.0	7.9	64.5	367	1.0	0.0	0.736	46.3	66.7	−0.1	66.7	359	
386.6	375.0	371.2	1.0	0.0	0.25	46.3	58.7	29.5	65.8	386.6	1.0	0.0	0.25	46.4	58.8	29.6	65.8	386	1.0	0.0	0.467	46.0	61.1	16.4	63.3	375	1.0	0.0	0.576	46.1	63.3	9.8	64.1	368	
391.5	382.5	378.3	1.0	0.0	0.125	46.7	58.7	36.0	68.9	391.5	1.0	0.0	0.133	46.7	58.8	35.6	68.7	391	1.0	0.0	0.341	46.0	59.6	24.1	64.3	382	1.0	0.0	0.439	46.0	60.8	18.1	63.4	376	
394.1	390.0	385.4	1.0	0.0	0.0	47.0	59.1	40.1	71.5	394.1	1.0	0.0	0.0	47.1	59.2	40.2	71.5	394	1.0	0.0	0.165	46.6	58.8	34.0	67.9	390	1.0	0.0	0.274	46.3	59.1	28.1	65.4	385	

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd64M			*LAB** ddx64M (x=LabCh)				
34.1	30.0	25.4	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
45.5	37.5	33.8	1.0	0.125	0.0	53.0	53.6	54.6	76.5	45.5
58.7	45.0	42.1	1.0	0.25	0.0	60.8	38.1	62.7	73.4	58.7
68.8	52.5	50.5	1.0	0.375	0.0	66.8	26.7	69.0	74.0	68.8
77.2	60.0	58.8	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
82.8	67.5	67.2	1.0	0.625	0.0	76.1	9.8	77.6	78.3	82.8
90.6	75.0	75.6	1.0	0.75	0.0	82.6	−0.9	79.7	79.7	90.6
95.2	82.5	83.9	1.0	0.875	0.0	86.7	−6.8	75.1	75.4	95.2
99.5	90.0	92.3	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
100.7	97.5	101.0	0.875	1.0	0.0	92.9	−17.6	92.7	94.4	100.7
103.7	105.0	109.7	0.75	1.0	0.0	89.4	−21.9	89.4	92.1	103.7
111.6	112.5	118.5	0.625	1.0	0.0	81.0	−30.2	76.3	82.0	111.6
119.9	120.0	127.2	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
127.3	127.5	136.0	0.375	1.0	0.0	69.4	−44.4	58.1	73.1	127.3
138.3	135.0	144.7	0.25	1.0	0.0	62.4	−52.9	47.0	70.8	138.3
146.8	142.5	153.4	0.125	1.0	0.0	58.2	−59.2	38.6	70.6	146.8
152.8	150.0	162.2	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
159.5	157.5	169.0	0.0	1.0	0.125	54.8	−63.5	23.7	67.8	159.5
166.2	165.0	175.9	0.0	1.0	0.25	55.4	−59.8	14.6	61.5	166.2
174.5	172.5	182.7	0.0	1.0	0.375	56.2	−55.1	5.2	55.4	174.5
184.6	180.0	189.6	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
195.2	187.5	196.4	0.0	1.0	0.625	57.4	−45.1	−12.3	46.7	195.2
205.2	195.0	203.2	0.0	1.0	0.75	57.5	−41.0	−19.3	45.3	205.2
216.3	202.5	210.1	0.0	1.0	0.875	56.0	−37.8	−27.8	46.9	216.3
229.6	210.0	216.9	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
233.6	217.5	223.8	0.0	0.875	1.0	52.6	−31.1	−42.2	52.5	233.6
239.3	225.0	230.6	0.0	0.75	1.0	52.6	−27.5	−46.4	54.0	239.3
247.2	232.5	237.5	0.0	0.625	1.0	50.2	−20.3	−48.6	52.7	247.2
254.6	240.0	244.3	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
263.2	247.5	251.2	0.0	0.375	1.0	41.3	−5.7	−48.3	48.6	263.2
274.4	255.0	258.0	0.0	0.25	1.0	36.0	3.7	−47.8	47.9	274.4
287.7	262.5	264.8	0.0	0.125	1.0	34.4	14.1	−44.3	46.5	287.7
299.0	270.0	271.7	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
308.6	277.5	278.8	0.125	0.0	1.0	31.3	31.1	−38.9	49.8	308.6
318.6	285.0	285.9	0.25	0.0	1.0	30.9	38.6	−34.0	51.4	318.6
325.6	292.5	293.0	0.375	0.0	1.0	33.4	45.4	−31.0	55.0	325.6
331.3	300.0	300.1	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
337.6	307.5	307.2	0.625	0.0	1.0	39.0	54.7	−22.4	59.1	337.6
342.7	315.0	314.3	0.75	0.0	1.0	41.8	60.0	−18.6	62.8	342.7
347.0	322.5	321.4	0.875	0.0	1.0	44.2	64.5	−14.8	66.2	347.0
352.3	330.0	328.6	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
353.7	337.5	335.7	1.0	0.0	0.875	46.9	69.7	−7.6	70.1	353.7
359.1	345.0	342.8	1.0	0.0	0.75	46.3	66.8	−1.0	66.8	359.1
365.9	352.5	349.9	1.0	0.0	0.625	46.1	64.3	6.7	64.7	365.9
373.0	360.0	357.0	1.0	0.0	0.5	46.0	61.4	14.2	63.1	373.0
380.2	367.5	364.1	1.0	0.0	0.375	45.8	59.8	22.0	63.7	380.2
386.6	375.0	371.2	1.0	0.0	0.25	46.3	58.7	29.5	65.8	386.6
391.5	382.5	378.3	1.0	0.0	0.125	46.7	58.7	36.0	68.9	391.5
394.1	390.0	385.4	1.0	0.0	0.0	47.0	59.1	40.1	71.5	394.1

*rgb** dex361M			*LAB** dex361M				
1.0	0.0	0.274	46.3	59.1	28.1	65.4	25
1.0	0.0	0.043	46.9	59.1	38.8	70.6	33
1.0	0.088	0.0	51.3	55.6	50.4	75.1	42
1.0	0.167	0.0	55.7	48.5	57.8	75.5	49
1.0	0.252	0.0	60.9	37.9	62.9	73.4	58
1.0	0.348	0.0	65.6	29.2	67.9	73.9	66
1.0	0.476	0.0	71.2	18.7	72.9	75.2	75
1.0	0.634	0.0	76.6	9.0	77.9	78.4	83
1.0	0.795	0.0	84.1	−3.1	78.1	78.2	92
0.905	1.0	0.0	92.5	−16.7	90.7	92.3	100
0.654	1.0	0.0	83.0	−28.5	79.4	84.4	109
0.53	1.0	0.0	75.9	−36.2	68.5	77.5	117
0.377	1.0	0.0	69.5	−44.2	58.3	73.2	127
0.283	1.0	0.0	64.3	−50.8	50.2	71.5	135
0.156	1.0	0.0	59.3	−57.6	40.8	70.7	144
0.0	1.0	0.001	55.1	−65.1	33.4	73.3	152
0.0	1.0	0.175	55.1	−62.1	19.9	65.3	162
0.0	1.0	0.285	55.6	−58.6	11.8	59.8	168
0.0	1.0	0.391	56.3	−54.5	3.9	54.7	175
0.0	1.0	0.471	56.8	−51.4	−2.0	51.5	182
0.0	1.0	0.558	57.2	−47.9	−8.0	48.7	189
0.0	1.0	0.634	57.5	−44.8	−12.8	46.7	195
0.0	1.0	0.725	57.6	−41.8	−18.0	45.7	203
0.0	1.0	0.8	57.0	−39.9	−22.7	46.0	209
0.0	1.0	0.881	55.9	−37.6	−28.3	47.2	216
0.0	1.0	0.941	54.6	−35.8	−33.8	49.4	223
0.0	0.968	1.0	53.1	−32.7	−39.9	51.8	230
0.0	0.8	1.0	52.6	−29.0	−44.7	53.4	237
0.0	0.671	1.0	51.1	−22.9	−47.9	53.2	244
0.0	0.566	1.0	48.4	−16.9	−48.6	51.6	250
0.0	0.451	1.0	44.3	−10.2	−48.4	49.6	258
0.0	0.362	1.0	40.8	−4.6	−48.3	48.6	264
0.0	0.281	1.0	37.4	1.5	−48.0	48.1	271
0.0	0.213	1.0	35.6	6.9	−46.9	47.5	278
0.0	0.142	1.0	34.7	12.8	−44.8	46.7	285
0.0	0.071	1.0	33.5	18.1	−43.5	47.2	292
0.015	0.0	1.0	32.0	24.3	−41.7	48.4	300
0.101	0.0	1.0	31.5	29.7	−39.5	49.5	306
0.197	0.0	1.0	31.1	35.5	−36.2	50.8	314
0.292	0.0	1.0	31.8	41.0	−33.0	52.7	321
0.44	0.0	1.0	34.7	47.8	−29.0	56.0	328
0.577	0.0	1.0	37.8	52.9	−24.3	58.3	335
0.753	0.0	1.0	41.9	60.1	−18.5	62.9	342
0.932	0.0	1.0	45.8	67.1	−12.4	68.2	349
0.993	0.0	1.0	47.5	69.7	−9.6	70.4	352
1.0	0.0	0.736	46.3	66.7	−0.1	66.7	359
1.0	0.0	0.576	46.1	63.3	9.8	64.1	368
1.0	0.0	0.439	46.0	60.8	18.1	63.4	376
1.0	0.0	0.274	46.3	59.1	28.1	65.4	385



TUB-test chart RE65; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_{dd}$
output: 3D-linearization to *cmy0**$_{dd}$

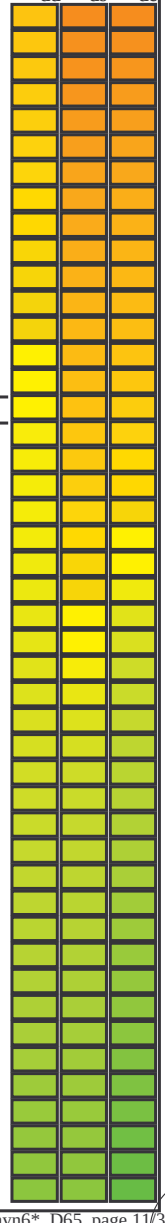
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)						*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)						*rgb**dd361Mi			*rgb*dd*	*rgb*ds*	*rgb*de*
34	30	25	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34	R_d	1.0	0.0	0.165	46.6	58.8	34.0	67.9	30	R_s	1.0	0.0	0.0	1.0	0.0	0.274	46.3	59.1	28.1	65.4	25	R_e	1.0	0.0	0.0			
35	31	26	1.0	0.016	0.0	47.8	58.6	42.1	72.2	35		1.0	0.0	0.139	46.7	58.8	35.3	68.6	31		1.0	0.017	0.0	1.0	0.0	0.252	46.4	58.8	29.4	65.8	26		1.0	0.017	0.0			
37	32	27	1.0	0.033	0.0	48.6	58.0	44.0	72.8	37		1.0	0.0	0.103	46.8	58.8	36.8	69.4	32		1.0	0.033	0.0	1.0	0.0	0.224	46.4	58.8	30.9	66.5	27		1.0	0.033	0.0			
38	33	28	1.0	0.05	0.0	49.4	57.3	46.0	73.5	38		1.0	0.0	0.056	46.9	59.0	38.3	70.4	33		1.0	0.05	0.0	1.0	0.0	0.195	46.5	58.9	32.4	67.2	28		1.0	0.05	0.0			
40	34	29	1.0	0.066	0.0	50.2	56.6	47.9	74.2	40		1.0	0.0	0.008	47.0	59.2	39.9	71.4	34		1.0	0.067	0.0	1.0	0.0	0.167	46.6	58.8	33.9	67.9	29		1.0	0.067	0.0			
41	35	31	1.0	0.083	0.0	51.0	55.8	49.8	74.8	41		1.0	0.009	0.0	47.5	58.9	41.2	71.9	35		1.0	0.083	0.0	1.0	0.0	0.138	46.7	58.8	35.4	68.6	31		1.0	0.083	0.0			
43	36	32	1.0	0.1	0.0	51.8	55.0	51.7	75.5	43		1.0	0.02	0.0	48.0	58.5	42.5	72.3	36		1.0	0.1	0.0	1.0	0.0	0.096	46.8	58.9	37.0	69.5	32		1.0	0.1	0.0			
44	37	33	1.0	0.116	0.0	52.6	54.0	53.6	76.2	44		1.0	0.031	0.0	48.5	58.1	43.8	72.8	37		1.0	0.117	0.0	1.0	0.0	0.043	46.9	59.1	38.8	70.6	33		1.0	0.117	0.0			
46	38	34	1.0	0.133	0.0	53.5	52.6	55.3	76.3	46		1.0	0.042	0.0	49.1	57.7	45.1	73.2	38		1.0	0.133	0.0	1.0	0.002	0.0	47.2	59.1	40.5	71.6	34		1.0	0.133	0.0			
48	39	35	1.0	0.15	0.0	54.6	50.6	56.5	75.9	48		1.0	0.053	0.0	49.6	57.2	46.4	73.7	39		1.0	0.15	0.0	1.0	0.015	0.0	47.8	58.7	41.9	72.1	35		1.0	0.15	0.0			
49	40	36	1.0	0.166	0.0	55.6	48.5	57.7	75.4	49		1.0	0.064	0.0	50.1	56.8	47.6	74.1	40		1.0	0.167	0.0	1.0	0.027	0.0	48.3	58.3	43.3	72.6	36		1.0	0.167	0.0			
51	41	37	1.0	0.183	0.0	56.6	46.5	58.9	75.0	51		1.0	0.075	0.0	50.7	56.3	48.9	74.5	41		1.0	0.183	0.0	1.0	0.039	0.0	48.9	57.8	44.7	73.1	37		1.0	0.183	0.0			
53	42	38	1.0	0.2	0.0	57.7	44.4	59.9	74.6	53		1.0	0.086	0.0	51.2	55.7	50.2	75.0	42		1.0	0.2	0.0	1.0	0.051	0.0	49.5	57.3	46.2	73.6	38		1.0	0.2	0.0			
55	43	39	1.0	0.216	0.0	58.7	42.3	60.9	74.2	55		1.0	0.097	0.0	51.7	55.2	51.4	75.4	43		1.0	0.217	0.0	1.0	0.064	0.0	50.1	56.8	47.6	74.1	39		1.0	0.217	0.0			
56	44	41	1.0	0.233	0.0	59.7	40.2	61.8	73.8	56		1.0	0.108	0.0	52.2	54.6	52.7	75.9	44		1.0	0.233	0.0	1.0	0.076	0.0	50.7	56.2	49.0	74.6	41		1.0	0.233	0.0			
58	45	42	1.0	0.25	0.0	60.8	38.1	62.7	73.4	58		1.0	0.119	0.0	52.8	54.0	54.0	76.3	45		1.0	0.25	0.0	1.0	0.088	0.0	51.3	55.6	50.4	75.1	42		1.0	0.25	0.0			
60	46	43	1.0	0.266	0.0	61.6	36.6	63.6	73.4	60		1.0	0.129	0.0	53.3	53.1	55.0	76.4	46		1.0	0.267	0.0	1.0	0.1	0.0	51.9	55.0	51.8	75.6	43		1.0	0.267	0.0			
61	47	44	1.0	0.283	0.0	62.4	35.2	64.6	73.5	61		1.0	0.139	0.0	53.9	52.0	55.7	76.2	47		1.0	0.283	0.0	1.0	0.113	0.0	52.5	54.3	53.2	76.0	44		1.0	0.283	0.0			
62	48	45	1.0	0.3	0.0	63.2	33.7	65.4	73.6	62		1.0	0.148	0.0	54.5	50.8	56.4	76.0	48		1.0	0.3	0.0	1.0	0.125	0.0	53.0	53.6	54.6	76.5	45		1.0	0.3	0.0			
64	49	46	1.0	0.316	0.0	64.0	32.1	66.3	73.7	64		1.0	0.158	0.0	55.1	49.7	57.1	75.7	49		1.0	0.317	0.0	1.0	0.135	0.0	53.7	52.4	55.5	76.3	46		1.0	0.317	0.0			
65	50	47	1.0	0.333	0.0	64.8	30.6	67.1	73.8	65		1.0	0.167	0.0	55.7	48.5	57.8	75.5	50		1.0	0.333	0.0	1.0	0.146	0.0	54.4	51.1	56.3	76.0	47		1.0	0.333	0.0			
66	51	48	1.0	0.35	0.0	65.6	29.0	67.9	73.9	66		1.0	0.177	0.0	56.3	47.4	58.5	75.2	51		1.0	0.35	0.0	1.0	0.157	0.0	55.0	49.8	57.1	75.8	48		1.0	0.35	0.0			
68	52	49	1.0	0.366	0.0	66.4	27.5	68.6	73.9	68		1.0	0.186	0.0	56.9	46.2	59.1	75.0	52		1.0	0.367	0.0	1.0	0.167	0.0	55.7	48.5	57.8	75.5	49		1.0	0.367	0.0			
69	53	51	1.0	0.383	0.0	67.2	26.0	69.3	74.1	69		1.0	0.196	0.0	57.4	45.0	59.7	74.8	53		1.0	0.383	0.0	1.0	0.178	0.0	56.3	47.2	58.5	75.2	51		1.0	0.383	0.0			
70	54	52	1.0	0.4	0.0	67.9	24.7	70.0	74.3	70		1.0	0.205	0.0	58.0	43.8	60.3	74.5	54		1.0	0.4	0.0	1.0	0.188	0.0	57.0	45.9	59.2	75.0	52		1.0	0.4	0.0			
71	55	53	1.0	0.416	0.0	68.6	23.4	70.7	74.5	71		1.0	0.215	0.0	58.6	42.6	60.9	74.3	55		1.0	0.417	0.0	1.0	0.199	0.0	57.6	44.6	59.9	74.7	53		1.0	0.417	0.0			
72	56	54	1.0	0.433	0.0	69.3	22.1	71.3	74.7	72		1.0	0.224	0.0	59.2	41.4	61.4	74.1	56		1.0	0.433	0.0	1.0	0.209	0.0	58.3	43.3	60.5	74.4	54		1.0	0.433	0.0			
73	57	55	1.0	0.45	0.0	70.0	20.8	71.9	74.9	73		1.0	0.234	0.0	59.8	40.2	61.9	73.8	57		1.0	0.45	0.0	1.0	0.22	0.0	58.9	41.9	61.2	74.2	55		1.0	0.45	0.0			
74	58	56	1.0	0.466	0.0	70.7	19.4	72.5	75.1	74		1.0	0.243	0.0	60.4	39.0	62.4	73.6	58		1.0	0.467	0.0	1.0	0.231	0.0	59.6	40.6	61.7	73.9	56		1.0	0.467	0.0			
76	59	57	1.0	0.483	0.0	71.4	18.0	73.1	75.3	76		1.0	0.254	0.0	61.0	37.8	62.9	73.4	59		1.0	0.483	0.0	1.0	0.241	0.0	60.3	39.3	62.3	73.6	57		1.0	0.483	0.0			
77	60	58	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77		1.0	0.266	0.0	61.6	36.7	63.6	73.5	60		1.0	0.5	0.0	1.0	0.252	0.0	60.9	37.9	62.9	73.4	58		1.0	0.5	0.0			
77	61	60	1.0	0.516	0.0	72.7	15.8	74.2	75.8	77		1.0	0.278	0.0	62.2	35.7	64.3	73.5	61		1.0	0.517	0.0	1.0	0.266	0.0	61.6	36.7	63.6	73.5	60		1.0	0.517	0.0			
78	62	61	1.0	0.533	0.0	73.2	14.9	74.7	76.2	78		1.0	0.291	0.0	62.8	34.6	65.0	73.6	62		1.0	0.533	0.0	1.0	0.28	0.0	62.3	35.5	64.4	73.6	61		1.0	0.533	0.0			
79	63	62	1.0	0.55	0.0	73.7	14.0	75.3	76.6	79		1.0	0.303	0.0	63.4	33.4	65.6	73.7	63		1.0	0.55	0.0	1.0	0.293	0.0	62.9	34.3	65.1	73.6	62		1.0	0.55	0.0			
80	64	63	1.0	0.566	0.0	74.3	13.0	75.8	77.0	80		1.0	0.315	0.0	64.0	32.3	66.3	73.7	64		1.0	0.567	0.0	1.0	0.307	0.0	63.6	33.1	65.9	73.7	63		1.0	0.567	0.0			
80	65	64	1.0	0.583	0.0	74.8	12.1	76.4	77.3	80		1.0	0.328	0.0	64.6	31.2	66.9	73.8	65		1.0	0.583	0.0	1.0	0.321	0.0	64.3	31.8	66.6	73.8	64		1.0	0.583	0.0			
81	66	65	1.0	0.6	0.0	75.3	11.2	76.9	77.7	81		1.0	0.34	0.0	65.2	30.0	67.5	73.9	66		1.0	0.6	0.0	1.0	0.335	0.0	64.9	30.5	67.2	73.8	65		1.0	0.6	0.0			
82	67	66	1.0	0.616	0.0	75.8	10.2	77.4	78.1	82		1.0	0.352	0.0	65.8	28.9	68.0	73.9	67		1.0	0.617	0.0	1.0	0.348	0.0	65.6	29.2	67.9	73.9	66		1.0	0.617	0.0			
83	68	67	1.0	0.633	0.0	76.5	9.1	77.8	78.4	83		1.0	0.365	0.0	66.4	27.7	68.6	74.0	68		1.0	0.633	0.0	1.0	0.362	0.0	66.3	27.9	68.5	74.0	67		1.0	0.633	0.0			
84	69	68	1.0	0.65	0.0	77.4	7.6	78.2	78.5	84		1.0	0.377	0.0	67.0	26.5	69.1	74.1	69		1.0	0.65	0.0	1.0	0.376	0.0	66.9	26.6	69.1	74.0	68		1.0	0.65	0.0			
85	70	70	1.0	0.666	0.0	78.3	6.2	78.5	78.7	85		1.0	0.392	0.0	67.6	25.4	69.8	74.2	70		1.0	0.667	0.0	1.0	0.393	0.0	67.6	25.3	69.8	74.2	70		1.0	0.667	0.0			
86	71	71	1.0	0.683	0.0	79.1	4.8	78.8	78.9	86		1.0	0.407	0.0	68.2	24.2	70.4	74.4	71		1.0	0.683	0.0	1.0	0.409	0.0	68.3	24.1	70.4	74.4	71		1.0	0.683	0.0			
87	72	72	1.0	0.7	0.0	80.0	3.4	79.0	79.1	87		1.0	0.422	0.0	68.9	23.0	70.9	74.6	72		1.0	0.7	0.0	1.0	0.426	0.0	69.0	22.7	71.1	74.6	72		1.0	0.7	0.0			
88	73	73	1.0	0.716	0.0	80.9	1.9	79.3	79.3	88		1.0	0.437	0.0	69.5	21.9	71.5	74.8	73		1.0	0.717	0.0	1.0	0.442	0.0	69.7	21.4	71.7	74.8	73		1.0	0.717	0.0			
89	74	74	1.0	0.733	0.0	81.7	0.5	79.5	79.5	89		1.0	0.452	0.0	70.1	20.7	72.0	74.9	74		1.0	0.733	0.0	1.0	0.459	0.0	70.5	20.1	72.3	75.0	74		1.0	0.733	0.0			
−269	75	75	1.0	0.75	0.0	82.6	−0.9	79.7	79.7	−269	R_d	1.0	0.467	0.0	70.8	19.4	72.6	75.1	75		1.0	0.75	0.0	1.0	0.476	0.0	71.2	18.7	72.9	75.2	75		1.0	0.75	0.0			

RE650−72 1−103931−L0 LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nw=24.6, 0.0, 0.0, 96.4, 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*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

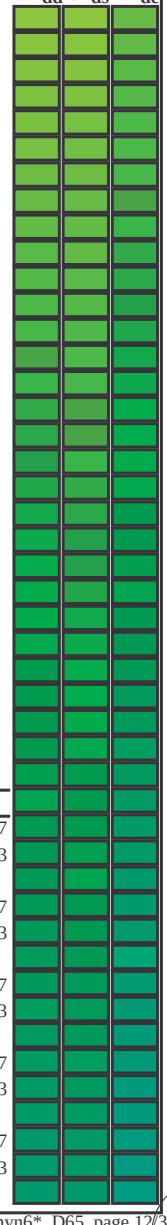
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd *rgb**ds *rgb**de
−269	75	75	1.0	0.75	0.0	82.6	−0.9	79.7	79.7	−269 R_d	1.0	0.467	0.0	70.8	19.4	72.6	75.1	75	1.0	0.75	0.0	1.0	0.476	0.0	71.2	18.7	72.9	75.2	75	1.0	0.75	0.0	
91	76	76	1.0	0.766	0.0	83.1	−1.7	79.1	79.1	91	1.0	0.482	0.0	71.4	18.2	73.1	75.3	76	1.0	0.767	0.0	1.0	0.492	0.0	71.9	17.3	73.4	75.4	76	1.0	0.767	0.0	
91	77	77	1.0	0.783	0.0	83.7	−2.5	78.5	78.5	91	1.0	0.496	0.0	72.0	17.0	73.5	75.5	77	1.0	0.783	0.0	1.0	0.513	0.0	72.6	16.0	74.1	75.8	77	1.0	0.783	0.0	
92	78	78	1.0	0.8	0.0	84.2	−3.4	77.9	78.0	92	1.0	0.517	0.0	72.7	15.8	74.2	75.9	78	1.0	0.8	0.0	1.0	0.538	0.0	73.4	14.6	75.0	76.4	78	1.0	0.8	0.0	
93	79	80	1.0	0.816	0.0	84.8	−4.1	77.3	77.4	93	1.0	0.54	0.0	73.4	14.6	75.0	76.4	79	1.0	0.817	0.0	1.0	0.563	0.0	74.2	13.3	75.8	76.9	80	1.0	0.817	0.0	
93	80	81	1.0	0.833	0.0	85.3	−4.9	76.7	76.8	93	1.0	0.562	0.0	74.2	13.4	75.7	76.9	80	1.0	0.833	0.0	1.0	0.588	0.0	75.0	11.9	76.6	77.5	81	1.0	0.833	0.0	
94	81	82	1.0	0.85	0.0	85.8	−5.7	76.0	76.3	94	1.0	0.584	0.0	74.9	12.1	76.5	77.4	81	1.0	0.85	0.0	1.0	0.613	0.0	75.8	10.5	77.3	78.1	82	1.0	0.85	0.0	
94	82	83	1.0	0.866	0.0	86.4	−6.4	75.4	75.7	94	1.0	0.607	0.0	75.6	10.8	77.2	77.9	82	1.0	0.867	0.0	1.0	0.634	0.0	76.6	9.0	77.9	78.4	83	1.0	0.867	0.0	
95	83	84	1.0	0.883	0.0	87.0	−7.3	75.7	76.1	95	1.0	0.628	0.0	76.3	9.5	77.8	78.4	83	1.0	0.883	0.0	1.0	0.652	0.0	77.6	7.5	78.3	78.6	84	1.0	0.883	0.0	
96	84	85	1.0	0.9	0.0	87.5	−8.2	77.0	77.4	96	1.0	0.644	0.0	77.1	8.2	78.1	78.5	84	1.0	0.9	0.0	1.0	0.67	0.0	78.5	6.0	78.6	78.8	85	1.0	0.9	0.0	
96	85	86	1.0	0.916	0.0	88.1	−9.1	78.2	78.8	96	1.0	0.66	0.0	78.0	6.9	78.4	78.7	85	1.0	0.917	0.0	1.0	0.687	0.0	79.4	4.5	78.9	79.0	86	1.0	0.917	0.0	
97	86	87	1.0	0.933	0.0	88.7	−10.1	79.5	80.1	97	1.0	0.676	0.0	78.8	5.5	78.7	78.9	86	1.0	0.933	0.0	1.0	0.705	0.0	80.3	3.0	79.2	79.2	87	1.0	0.933	0.0	
97	87	88	1.0	0.95	0.0	89.3	−11.1	80.7	81.4	97	1.0	0.692	0.0	79.6	4.1	79.0	79.1	87	1.0	0.95	0.0	1.0	0.723	0.0	81.2	1.4	79.4	79.4	88	1.0	0.95	0.0	
98	88	90	1.0	0.966	0.0	89.9	−12.1	81.9	82.8	98	1.0	0.707	0.0	80.4	2.8	79.2	79.2	88	1.0	0.967	0.0	1.0	0.74	0.0	82.1	0.0	79.6	79.6	90	1.0	0.967	0.0	
99	89	91	1.0	0.983	0.0	90.5	−13.1	83.1	84.1	99	1.0	0.723	0.0	81.2	1.4	79.4	79.4	89	1.0	0.983	0.0	1.0	0.764	0.0	83.1	−1.6	79.2	79.2	91	1.0	0.983	0.0	
99	90	92	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99 Y_d	1.0	0.739	0.0	82.1	0.0	79.6	79.6	90 Y_s	1.0	1.0	0.0	1.0	0.795	0.0	84.1	−3.1	78.1	78.2	92 Y_e	1.0	1.0	0.0	
99	91	93	0.983	1.0	0.0	91.3	−14.6	85.4	86.6	99	1.0	0.759	0.0	82.9	−1.3	79.4	79.4	91	0.983	1.0	0.0	1.0	0.827	0.0	85.1	−4.6	77.0	77.1	93	0.983	1.0	0.0	
99	92	94	0.966	1.0	0.0	91.6	−15.1	86.5	87.8	99	1.0	0.786	0.0	83.8	−2.6	78.4	78.5	92	0.967	1.0	0.0	1.0	0.859	0.0	86.2	−6.1	75.8	76.0	94	0.967	1.0	0.0	
100	93	95	0.95	1.0	0.0	91.8	−15.5	87.6	89.0	100	1.0	0.814	0.0	84.7	−4.0	77.4	77.5	93	0.95	1.0	0.0	1.0	0.892	0.0	87.3	−7.7	76.4	76.8	95	0.95	1.0	0.0	
100	94	96	0.933	1.0	0.0	92.0	−16.0	88.8	90.2	100	1.0	0.841	0.0	85.6	−5.2	76.4	76.6	94	0.933	1.0	0.0	1.0	0.925	0.0	88.5	−9.5	78.9	79.5	96	0.933	1.0	0.0	
100	95	98	0.916	1.0	0.0	92.3	−16.4	89.9	91.4	100	1.0	0.869	0.0	86.5	−6.5	75.4	75.7	95	0.917	1.0	0.0	1.0	0.958	0.0	89.7	−11.5	81.3	82.2	98	0.917	1.0	0.0	
100	96	99	0.9	1.0	0.0	92.5	−16.9	91.0	92.6	100	1.0	0.897	0.0	87.5	−8.0	76.8	77.3	96	0.9	1.0	0.0	1.0	0.992	0.0	90.8	−13.6	83.7	84.8	99	0.9	1.0	0.0	
100	97	100	0.883	1.0	0.0	92.7	−17.3	92.1	93.8	100	1.0	0.926	0.0	88.5	−9.6	79.0	79.5	97	0.883	1.0	0.0	0.905	1.0	0.0	92.5	−16.7	90.7	92.3	100	0.883	1.0	0.0	
100	98	101	0.866	1.0	0.0	92.6	−17.9	92.5	94.2	100	1.0	0.954	0.0	89.5	−11.3	81.0	81.8	98	0.867	1.0	0.0	0.838	1.0	0.0	91.9	−18.8	91.8	93.7	101	0.867	1.0	0.0	
101	99	102	0.85	1.0	0.0	92.2	−18.4	92.1	93.9	101	1.0	0.983	0.0	90.5	−13.1	83.1	84.1	99	0.85	1.0	0.0	0.79	1.0	0.0	90.6	−20.5	90.6	92.9	102	0.85	1.0	0.0	
101	100	103	0.833	1.0	0.0	91.7	−19.0	91.6	93.6	101	0.956	1.0	0.0	91.8	−15.3	87.3	88.6	100	0.833	1.0	0.0	0.747	1.0	0.0	89.3	−22.1	89.2	91.9	103	0.833	1.0	0.0	
102	101	105	0.816	1.0	0.0	91.3	−19.6	91.2	93.3	102	0.865	1.0	0.0	92.6	−17.9	92.5	94.2	101	0.817	1.0	0.0	0.728	1.0	0.0	88.0	−23.5	87.3	90.4	105	0.817	1.0	0.0	
102	102	106	0.8	1.0	0.0	90.8	−20.2	90.8	93.0	102	0.823	1.0	0.0	91.5	−19.3	91.4	93.5	102	0.8	1.0	0.0	0.71	1.0	0.0	86.8	−24.8	85.3	88.9	106	0.8	1.0	0.0	
102	103	107	0.783	1.0	0.0	90.3	−20.8	90.3	92.7	102	0.782	1.0	0.0	90.3	−20.8	90.3	92.7	103	0.783	1.0	0.0	0.691	1.0	0.0	85.5	−26.1	83.4	87.4	107	0.783	1.0	0.0	
103	104	108	0.766	1.0	0.0	89.9	−21.3	89.9	92.4	103	0.746	1.0	0.0	89.2	−22.1	89.1	91.8	104	0.767	1.0	0.0	0.673	1.0	0.0	84.3	−27.3	81.4	85.9	108	0.767	1.0	0.0	
103	105	109	0.75	1.0	0.0	89.4	−21.9	89.4	92.1	103	0.73	1.0	0.0	88.2	−23.3	87.5	90.6	105	0.75	1.0	0.0	0.654	1.0	0.0	83.0	−28.5	79.4	84.4	109	0.75	1.0	0.0	
104	106	110	0.733	1.0	0.0	88.3	−23.2	87.7	90.7	104	0.714	1.0	0.0	87.1	−24.5	85.8	89.3	106	0.733	1.0	0.0	0.635	1.0	0.0	81.8	−29.6	77.4	82.9	110	0.733	1.0	0.0	
105	107	112	0.716	1.0	0.0	87.2	−24.4	86.0	89.4	105	0.699	1.0	0.0	86.0	−25.6	84.2	88.0	107	0.717	1.0	0.0	0.617	1.0	0.0	80.7	−30.7	75.7	81.7	112	0.717	1.0	0.0	
106	108	113	0.7	1.0	0.0	86.1	−25.6	84.3	88.1	106	0.683	1.0	0.0	84.9	−26.7	82.5	86.7	108	0.7	1.0	0.0	0.6	1.0	0.0	79.7	−31.9	74.3	80.9	113	0.7	1.0	0.0	
107	109	114	0.683	1.0	0.0	84.9	−26.7	82.5	86.7	107	0.667	1.0	0.0	83.9	−27.7	80.8	85.4	109	0.683	1.0	0.0	0.582	1.0	0.0	78.8	−33.0	72.9	80.1	114	0.683	1.0	0.0	
108	110	115	0.666	1.0	0.0	83.8	−27.8	80.7	85.4	108	0.651	1.0	0.0	82.8	−28.7	79.1	84.2	110	0.667	1.0	0.0	0.565	1.0	0.0	77.8	−34.1	71.4	79.2	115	0.667	1.0	0.0	
110	111	116	0.65	1.0	0.0	82.7	−28.8	79.0	84.1	110	0.635	1.0	0.0	81.7	−29.6	77.4	82.9	111	0.65	1.0	0.0	0.547	1.0	0.0	76.9	−35.2	70.0	78.4	116	0.65	1.0	0.0	
111	112	117	0.633	1.0	0.0	81.6	−29.7	77.2	82.7	111	0.619	1.0	0.0	80.8	−30.5	75.9	81.8	112	0.633	1.0	0.0	0.53	1.0	0.0	75.9	−36.2	68.5	77.5	117	0.633	1.0	0.0	
112	113	119	0.616	1.0	0.0	80.6	−30.8	75.6	81.6	112	0.604	1.0	0.0	79.9	−31.6	74.6	81.1	113	0.617	1.0	0.0	0.512	1.0	0.0	75.0	−37.2	67.0	76.7	119	0.617	1.0	0.0	
113	114	120	0.6	1.0	0.0	79.7	−31.9	74.3	80.9	113	0.589	1.0	0.0	79.1	−32.6	73.4	80.4	114	0.6	1.0	0.0	0.494	1.0	0.0	74.1	−38.2	65.6	76.0	120	0.6	1.0	0.0	
114	115	121	0.583	1.0	0.0	78.8	−33.0	72.9	80.1	114	0.574	1.0	0.0	78.3	−33.6	72.2	79.7	115	0.583	1.0	0.0	0.474	1.0	0.0	73.3	−39.3	64.4	75.5	121	0.583	1.0	0.0	
115	116	122	0.566	1.0	0.0	77.9	−34.1	71.5	79.3	115	0.559	1.0	0.0	77.5	−34.5	71.0	78.9	116	0.567	1.0	0.0	0.455	1.0	0.0	72.6	−40.4	63.2	75.1	122	0.567	1.0	0.0	
116	117	123	0.55	1.0	0.0	77.0	−35.1	70.2	78.5	116	0.544	1.0	0.0	76.7	−35.4	69.7	78.2	117	0.55	1.0	0.0	0.435	1.0	0.0	71.8	−41.4	62.0	74.6	123	0.55	1.0	0.0	
117	118	124	0.533	1.0	0.0	76.1	−36.1	68.8	77.7	117	0.529	1.0	0.0	75.9	−36.3	68.4	77.5	118	0.533	1.0	0.0	0.416	1.0	0.0	71.0	−42.4	60.8	74.1	124	0.533	1.0	0.0	
118	119	126	0.516	1.0	0.0	75.2	−37.0	67.3	76.9	118	0.514	1.0	0.0	75.1	−37.1	67.2	76.8	119	0.517	1.0	0.0	0.396	1.0	0.0	70.2	−43.3	59.5	73.7	126	0.517	1.0	0.0	
119	120	127	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119	0.499	1.0	0.0	74.3	−37.9	65.9	76.1	120	0.5	1.0	0.0	0.377	1.0	0.0	69.5	−44.2	58.3	73.2	127	0.5	1.0	0.0	



RE650−72 1−1031031−L0 LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nw=24.6, 0.0, 0.0, 96.4, 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*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd *rgb**ds *rgb**de
119	120	127	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119	0.499	1.0	0.0	74.3	−37.9	65.9	76.1	120	0.5	1.0	0.0	0.377	1.0	0.0	69.5	−44.2	58.3	73.2	127	0.5	1.0	0.0	
120	121	128	0.483	1.0	0.0	73.6	−38.9	64.9	75.7	120	0.482	1.0	0.0	73.6	−38.9	64.9	75.7	121	0.483	1.0	0.0	0.363	1.0	0.0	68.7	−45.3	57.2	73.0	128	0.483	1.0	0.0	
121	122	129	0.466	1.0	0.0	73.0	−39.8	63.9	75.3	121	0.465	1.0	0.0	73.0	−39.8	63.9	75.3	122	0.467	1.0	0.0	0.35	1.0	0.0	68.0	−46.2	56.0	72.7	129	0.467	1.0	0.0	
122	123	130	0.45	1.0	0.0	72.3	−40.7	62.9	74.9	122	0.448	1.0	0.0	72.3	−40.7	62.8	74.9	123	0.45	1.0	0.0	0.336	1.0	0.0	67.3	−47.2	54.9	72.5	130	0.45	1.0	0.0	
123	124	131	0.433	1.0	0.0	71.7	−41.5	61.8	74.5	123	0.431	1.0	0.0	71.6	−41.6	61.8	74.5	124	0.433	1.0	0.0	0.323	1.0	0.0	66.5	−48.2	53.7	72.2	131	0.433	1.0	0.0	
124	125	133	0.416	1.0	0.0	71.0	−42.4	60.8	74.1	124	0.415	1.0	0.0	71.0	−42.4	60.7	74.1	125	0.417	1.0	0.0	0.31	1.0	0.0	65.8	−49.1	52.5	72.0	133	0.417	1.0	0.0	
125	126	134	0.4	1.0	0.0	70.4	−43.2	59.7	73.7	125	0.398	1.0	0.0	70.3	−43.2	59.6	73.7	126	0.4	1.0	0.0	0.296	1.0	0.0	65.1	−49.9	51.4	71.7	134	0.4	1.0	0.0	
126	127	135	0.383	1.0	0.0	69.7	−44.0	58.7	73.3	126	0.381	1.0	0.0	69.7	−44.0	58.6	73.3	127	0.383	1.0	0.0	0.283	1.0	0.0	64.3	−50.8	50.2	71.5	135	0.383	1.0	0.0	
128	128	136	0.366	1.0	0.0	68.9	−45.0	57.4	73.0	128	0.368	1.0	0.0	69.0	−44.9	57.6	73.1	128	0.367	1.0	0.0	0.27	1.0	0.0	63.6	−51.6	48.9	71.2	136	0.367	1.0	0.0	
129	129	137	0.35	1.0	0.0	68.0	−46.3	56.0	72.7	129	0.356	1.0	0.0	68.4	−45.7	56.6	72.8	129	0.35	1.0	0.0	0.257	1.0	0.0	62.8	−52.4	47.7	71.0	137	0.35	1.0	0.0	
131	130	138	0.333	1.0	0.0	67.1	−47.5	54.6	72.4	131	0.345	1.0	0.0	67.7	−46.6	55.6	72.6	130	0.333	1.0	0.0	0.242	1.0	0.0	62.2	−53.3	46.5	70.8	138	0.333	1.0	0.0	
132	131	140	0.316	1.0	0.0	66.1	−48.6	53.1	72.0	132	0.334	1.0	0.0	67.1	−47.4	54.6	72.4	131	0.317	1.0	0.0	0.225	1.0	0.0	61.6	−54.2	45.4	70.8	140	0.317	1.0	0.0	
133	132	141	0.3	1.0	0.0	65.2	−49.8	51.6	71.7	133	0.322	1.0	0.0	66.5	−48.2	53.7	72.2	132	0.3	1.0	0.0	0.207	1.0	0.0	61.0	−55.1	44.3	70.8	141	0.3	1.0	0.0	
135	133	142	0.283	1.0	0.0	64.3	−50.8	50.1	71.4	135	0.311	1.0	0.0	65.9	−49.0	52.6	72.0	133	0.283	1.0	0.0	0.19	1.0	0.0	60.4	−56.0	43.2	70.8	142	0.283	1.0	0.0	
136	134	143	0.266	1.0	0.0	63.3	−51.9	48.6	71.1	136	0.299	1.0	0.0	65.2	−49.8	51.6	71.8	134	0.267	1.0	0.0	0.173	1.0	0.0	59.9	−56.8	42.0	70.7	143	0.267	1.0	0.0	
138	135	144	0.25	1.0	0.0	62.4	−52.9	47.0	70.8	138	0.288	1.0	0.0	64.6	−50.5	50.6	71.6	135	0.25	1.0	0.0	0.156	1.0	0.0	59.3	−57.6	40.8	70.7	144	0.25	1.0	0.0	
139	136	145	0.233	1.0	0.0	61.9	−53.8	46.0	70.8	139	0.277	1.0	0.0	64.0	−51.2	49.6	71.3	136	0.233	1.0	0.0	0.139	1.0	0.0	58.7	−58.4	39.6	70.7	145	0.233	1.0	0.0	
140	137	147	0.216	1.0	0.0	61.3	−54.7	44.9	70.7	140	0.265	1.0	0.0	63.3	−51.9	48.5	71.1	137	0.217	1.0	0.0	0.121	1.0	0.0	58.1	−59.3	38.5	70.8	147	0.217	1.0	0.0	
141	138	148	0.2	1.0	0.0	60.7	−55.5	43.8	70.7	141	0.254	1.0	0.0	62.7	−52.6	47.5	70.9	138	0.2	1.0	0.0	0.097	1.0	0.0	57.5	−60.5	37.5	71.3	148	0.2	1.0	0.0	
142	139	149	0.183	1.0	0.0	60.2	−56.4	42.6	70.7	142	0.24	1.0	0.0	62.1	−53.4	46.5	70.8	139	0.183	1.0	0.0	0.072	1.0	0.0	56.9	−61.7	36.5	71.8	149	0.183	1.0	0.0	
144	140	150	0.166	1.0	0.0	59.6	−57.2	41.5	70.7	144	0.226	1.0	0.0	61.6	−54.1	45.5	70.8	140	0.167	1.0	0.0	0.048	1.0	0.0	56.3	−62.9	35.5	72.3	150	0.167	1.0	0.0	
145	141	151	0.15	1.0	0.0	59.0	−58.0	40.3	70.7	145	0.211	1.0	0.0	61.2	−54.9	44.5	70.8	141	0.15	1.0	0.0	0.023	1.0	0.0	55.7	−64.1	34.5	72.9	151	0.15	1.0	0.0	
146	142	152	0.133	1.0	0.0	58.5	−58.8	39.2	70.6	146	0.197	1.0	0.0	60.7	−55.7	43.6	70.8	142	0.133	1.0	0.0	0.0	1.0	0.001	55.1	−65.1	33.4	73.3	152	0.133	1.0	0.0	
147	143	154	0.116	1.0	0.0	58.0	−59.6	38.2	70.8	147	0.182	1.0	0.0	60.2	−56.4	42.6	70.8	143	0.117	1.0	0.0	0.0	1.0	0.023	55.1	−64.9	31.6	72.3	154	0.117	1.0	0.0	
148	144	155	0.1	1.0	0.0	57.5	−60.4	37.6	71.2	148	0.167	1.0	0.0	59.7	−57.1	41.6	70.7	144	0.1	1.0	0.0	0.0	1.0	0.045	55.0	−64.7	29.9	71.4	155	0.1	1.0	0.0	
148	145	156	0.083	1.0	0.0	57.1	−61.2	36.9	71.5	148	0.153	1.0	0.0	59.2	−57.8	40.6	70.7	145	0.083	1.0	0.0	0.0	1.0	0.067	55.0	−64.4	28.2	70.4	156	0.083	1.0	0.0	
149	146	157	0.066	1.0	0.0	56.7	−62.0	36.3	71.9	149	0.138	1.0	0.0	58.7	−58.5	39.5	70.7	146	0.067	1.0	0.0	0.0	1.0	0.089	54.9	−64.1	26.5	69.4	157	0.067	1.0	0.0	
150	147	158	0.049	1.0	0.0	56.3	−62.8	35.6	72.2	150	0.123	1.0	0.0	58.2	−59.2	38.5	70.7	147	0.05	1.0	0.0	0.0	1.0	0.11	54.8	−63.7	24.8	68.5	158	0.05	1.0	0.0	
151	148	159	0.033	1.0	0.0	55.9	−63.6	34.9	72.6	151	0.102	1.0	0.0	57.6	−60.3	37.7	71.2	148	0.033	1.0	0.0	0.0	1.0	0.132	54.8	−63.2	23.2	67.5	159	0.033	1.0	0.0	
152	149	161	0.016	1.0	0.0	55.5	−64.4	34.2	72.9	152	0.081	1.0	0.0	57.1	−61.3	36.9	71.6	149	0.017	1.0	0.0	0.0	1.0	0.154	54.9	−62.7	21.5	66.4	161	0.017	1.0	0.0	
152	150	162	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152	G_d	0.06	1.0	0.0	56.6	−62.3	36.0	72.1	150	G_s	0.0	1.0	0.0	0.0	1.0	0.175	55.1	−62.1	19.9	65.3	162	G_e	0.0	1.0	0.0	
153	151	163	0.0	1.0	0.016	55.0	−65.1	32.1	72.6	153	0.039	1.0	0.0	56.1	−63.3	35.2	72.5	151	0.0	1.0	0.0	0.0	1.0	0.192	55.1	−61.6	18.7	64.5	163	0.0	1.0	0.017	
154	152	164	0.0	1.0	0.033	55.0	−64.9	30.8	71.8	154	0.018	1.0	0.0	55.6	−64.3	34.3	73.0	152	0.0	1.0	0.033	0.0	1.0	0.209	55.2	−61.1	17.5	63.6	164	0.0	1.0	0.033	
155	153	164	0.0	1.0	0.05	54.9	−64.7	29.4	71.1	155	0.0	1.0	0.003	55.1	−65.1	33.2	73.2	153	0.0	1.0	0.05	0.0	1.0	0.226	55.3	−60.5	16.3	62.8	164	0.0	1.0	0.05	
156	154	165	0.0	1.0	0.066	54.9	−64.5	28.1	70.3	156	0.0	1.0	0.022	55.1	−65.0	31.7	72.4	154	0.0	1.0	0.067	0.0	1.0	0.243	55.4	−60.0	15.1	61.9	165	0.0	1.0	0.067	
157	155	166	0.0	1.0	0.083	54.9	−64.2	26.9	69.6	157	0.0	1.0	0.041	55.0	−64.7	30.2	71.5	155	0.0	1.0	0.083	0.0	1.0	0.258	55.5	−59.5	14.0	61.2	166	0.0	1.0	0.083	
158	156	167	0.0	1.0	0.1	54.8	−63.9	25.6	68.9	158	0.0	1.0	0.059	55.0	−64.5	28.8	70.7	156	0.0	1.0	0.1	0.0	1.0	0.272	55.6	−59.0	12.9	60.5	167	0.0	1.0	0.1	
159	157	168	0.0	1.0	0.116	54.8	−63.6	24.3	68.1	159	0.0	1.0	0.078	54.9	−64.2	27.3	69.9	157	0.0	1.0	0.117	0.0	1.0	0.285	55.6	−58.6	11.8	59.8	168	0.0	1.0	0.117	
159	158	169	0.0	1.0	0.133	54.8	−63.3	23.1	67.3	159	0.0	1.0	0.097	54.9	−63.9	25.9	69.1	158	0.0	1.0	0.133	0.0	1.0	0.299	55.7	−58.1	10.8	59.2	169	0.0	1.0	0.133	
160	159	170	0.0	1.0	0.15	54.9	−62.8	21.8	66.5	160	0.0	1.0	0.116	54.8	−63.6	24.5	68.2	159	0.0	1.0	0.15	0.0	1.0	0.313	55.8	−57.6	9.7	58.5	170	0.0	1.0	0.15	
161	160	171	0.0	1.0	0.166	55.0	−62.4	20.5	65.7	161	0.0	1.0	0.134	54.9	−63.2	23.0	67.4	160	0.0	1.0	0.167	0.0	1.0	0.326	55.9	−57.1	8.7	57.8	171	0.0	1.0	0.167	
162	161	172	0.0	1.0	0.183	55.0	−61.9	19.3	64.9	162	0.0	1.0	0.153	54.9	−62.7	21.6	66.4	161	0.0	1.0	0.183	0.0	1.0	0.34	56.0	−56.5	7.7	57.1	172	0.0	1.0	0.183	
163	162	173	0.0	1.0	0.2	55.1	−61.4	18.1	64.0	163	0.0	1.0	0.171	55.0	−62.2	20.2	65.5	162	0.0	1.0	0.2	0.0	1.0	0.354	56.1	−56.0	6.7	56.5	173	0.0	1.0	0.2	
164	163	174	0.0	1.0	0.216	55.2	−60.9	16.9	63.2	164	0.0	1.0	0.19	55.1	−61.7	18.9	64.6	163	0.0	1.0	0.217	0.0	1.0	0.367	56.2	−55.4	5.7	55.8	174	0.0	1.0	0.217	
165	164	175	0.0	1.0	0.233	55.3	−60.3	15.7	62.4	165	0.0	1.0	0.208	55.2	−61.1	17.5	63.7	164	0.0	1.0	0.233	0.0	1.0	0.38	56.3	−54.9	4.8	55.2	175	0.0	1.0	0.233	
166	165	175	0.0	1.0	0.25	55.4	−59.8	14.6	61.5	166	0.0	1.0	0.227	55.3	−60.5	16.2	62.7	165	0.0	1.0	0.25	0.0	1.0	0.391	56.3	−54.5	3.9	54.7	175	0.0	1.0	0.25	



RE650−72 1−1031131−L0 LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 12/33

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
166	165	175	0.0	1.0	0.25	55.4	−59.8	14.6	61.5	166	0.0	1.0	0.227	55.3	−60.5	16.2	62.7	165	0.0	1.0	0.25	0.0	1.0	0.391	56.3	−54.5	3.9	54.7	175	0.0	1.0	0.25			
167	166	176	0.0	1.0	0.266	55.5	−59.2	13.2	60.7	167	0.0	1.0	0.245	55.4	−59.9	15.0	61.8	166	0.0	1.0	0.267	0.0	1.0	0.403	56.4	−54.1	3.0	54.3	176	0.0	1.0	0.267			
168	167	177	0.0	1.0	0.283	55.6	−58.7	11.9	59.9	168	0.0	1.0	0.261	55.5	−59.4	13.7	61.0	167	0.0	1.0	0.283	0.0	1.0	0.414	56.5	−53.7	2.1	53.8	177	0.0	1.0	0.283			
169	168	178	0.0	1.0	0.3	55.7	−58.1	10.6	59.1	169	0.0	1.0	0.276	55.6	−58.9	12.5	60.3	168	0.0	1.0	0.3	0.0	1.0	0.425	56.5	−53.2	1.3	53.3	178	0.0	1.0	0.3			
170	169	179	0.0	1.0	0.316	55.8	−57.5	9.4	58.2	170	0.0	1.0	0.291	55.7	−58.4	11.4	59.6	169	0.0	1.0	0.317	0.0	1.0	0.437	56.6	−52.8	0.4	52.9	179	0.0	1.0	0.317			
171	170	180	0.0	1.0	0.333	55.9	−56.8	8.1	57.4	171	0.0	1.0	0.306	55.8	−57.8	10.2	58.8	170	0.0	1.0	0.333	0.0	1.0	0.448	56.6	−52.3	−0.3	52.4	180	0.0	1.0	0.333			
172	171	181	0.0	1.0	0.35	56.0	−56.2	6.9	56.6	172	0.0	1.0	0.321	55.9	−57.3	9.1	58.1	171	0.0	1.0	0.35	0.0	1.0	0.46	56.7	−51.8	−1.2	52.0	181	0.0	1.0	0.35			
174	172	182	0.0	1.0	0.366	56.1	−55.5	5.7	55.8	174	0.0	1.0	0.336	56.0	−56.7	8.0	57.3	172	0.0	1.0	0.367	0.0	1.0	0.471	56.8	−51.4	−2.0	51.5	182	0.0	1.0	0.367			
175	173	183	0.0	1.0	0.383	56.2	−54.8	4.5	55.0	175	0.0	1.0	0.351	56.1	−56.1	6.9	56.6	173	0.0	1.0	0.383	0.0	1.0	0.482	56.8	−50.8	−2.8	51.0	183	0.0	1.0	0.383			
176	174	184	0.0	1.0	0.4	56.3	−54.2	3.2	54.3	176	0.0	1.0	0.366	56.2	−55.4	5.8	55.8	174	0.0	1.0	0.4	0.0	1.0	0.494	56.9	−50.3	−3.5	50.6	184	0.0	1.0	0.4			
177	175	185	0.0	1.0	0.416	56.4	−53.6	1.9	53.7	177	0.0	1.0	0.38	56.3	−54.9	4.8	55.2	175	0.0	1.0	0.417	0.0	1.0	0.505	56.9	−49.9	−4.3	50.2	185	0.0	1.0	0.417			
179	176	185	0.0	1.0	0.433	56.5	−53.0	0.6	53.0	179	0.0	1.0	0.392	56.3	−54.5	3.8	54.7	176	0.0	1.0	0.433	0.0	1.0	0.515	57.0	−49.5	−5.1	49.9	185	0.0	1.0	0.433			
180	177	186	0.0	1.0	0.45	56.6	−52.3	−0.5	52.3	180	0.0	1.0	0.405	56.4	−54.0	2.8	54.2	177	0.0	1.0	0.45	0.0	1.0	0.526	57.0	−49.1	−5.8	49.6	186	0.0	1.0	0.45			
181	178	187	0.0	1.0	0.466	56.7	−51.6	−1.7	51.6	181	0.0	1.0	0.417	56.5	−53.5	1.9	53.7	178	0.0	1.0	0.467	0.0	1.0	0.537	57.1	−48.7	−6.6	49.3	187	0.0	1.0	0.467			
183	179	188	0.0	1.0	0.483	56.8	−50.9	−2.9	50.9	183	0.0	1.0	0.43	56.5	−53.1	0.9	53.2	179	0.0	1.0	0.483	0.0	1.0	0.548	57.1	−48.3	−7.3	49.0	188	0.0	1.0	0.483			
184	180	189	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184	0.0	1.0	0.442	56.6	−52.6	0.0	52.7	180	0.0	1.0	0.5	0.0	1.0	0.558	57.2	−47.9	−8.0	48.7	189	0.0	1.0	0.5			
186	181	190	0.0	1.0	0.516	56.9	−49.5	−5.2	49.8	186	0.0	1.0	0.455	56.7	−52.0	−0.8	52.2	181	0.0	1.0	0.517	0.0	1.0	0.569	57.2	−47.4	−8.7	48.4	190	0.0	1.0	0.517			
187	182	191	0.0	1.0	0.533	57.0	−48.9	−6.4	49.3	187	0.0	1.0	0.467	56.7	−51.5	−1.7	51.6	182	0.0	1.0	0.533	0.0	1.0	0.58	57.3	−47.0	−9.4	48.1	191	0.0	1.0	0.533			
188	183	192	0.0	1.0	0.55	57.1	−48.3	−7.5	48.8	188	0.0	1.0	0.48	56.8	−51.0	−2.6	51.1	183	0.0	1.0	0.55	0.0	1.0	0.591	57.3	−46.6	−10.1	47.8	192	0.0	1.0	0.55			
190	184	193	0.0	1.0	0.566	57.2	−47.6	−8.6	48.4	190	0.0	1.0	0.492	56.9	−50.4	−3.4	50.6	184	0.0	1.0	0.567	0.0	1.0	0.601	57.4	−46.1	−10.8	47.5	193	0.0	1.0	0.567			
191	185	194	0.0	1.0	0.583	57.2	−46.9	−9.7	47.9	191	0.0	1.0	0.504	56.9	−49.9	−4.3	50.2	185	0.0	1.0	0.583	0.0	1.0	0.612	57.4	−45.6	−11.4	47.2	194	0.0	1.0	0.583			
193	186	195	0.0	1.0	0.6	57.3	−46.2	−10.7	47.4	193	0.0	1.0	0.516	57.0	−49.5	−5.1	49.9	186	0.0	1.0	0.6	0.0	1.0	0.623	57.5	−45.1	−12.1	46.9	195	0.0	1.0	0.6			
194	187	195	0.0	1.0	0.616	57.4	−45.5	−11.8	47.0	194	0.0	1.0	0.528	57.0	−49.1	−5.9	49.5	187	0.0	1.0	0.617	0.0	1.0	0.634	57.5	−44.8	−12.8	46.7	195	0.0	1.0	0.617			
195	188	196	0.0	1.0	0.633	57.4	−44.8	−12.8	46.6	195	0.0	1.0	0.54	57.1	−48.6	−6.7	49.2	188	0.0	1.0	0.633	0.0	1.0	0.645	57.5	−44.4	−13.4	46.6	196	0.0	1.0	0.633			
197	189	197	0.0	1.0	0.65	57.4	−44.4	−13.8	46.5	197	0.0	1.0	0.551	57.1	−48.2	−7.5	48.9	189	0.0	1.0	0.65	0.0	1.0	0.657	57.5	−44.1	−14.1	46.4	197	0.0	1.0	0.65			
198	190	198	0.0	1.0	0.666	57.5	−43.9	−14.7	46.3	198	0.0	1.0	0.563	57.2	−47.7	−8.3	48.5	190	0.0	1.0	0.667	0.0	1.0	0.668	57.5	−43.8	−14.8	46.3	198	0.0	1.0	0.667			
199	191	199	0.0	1.0	0.683	57.5	−43.3	−15.7	46.1	199	0.0	1.0	0.575	57.2	−47.2	−9.1	48.2	191	0.0	1.0	0.683	0.0	1.0	0.68	57.5	−43.4	−15.4	46.2	199	0.0	1.0	0.683			
201	192	200	0.0	1.0	0.7	57.5	−42.8	−16.6	45.9	201	0.0	1.0	0.587	57.3	−46.7	−9.9	47.9	192	0.0	1.0	0.7	0.0	1.0	0.691	57.5	−43.0	−16.1	46.1	200	0.0	1.0	0.7			
202	193	201	0.0	1.0	0.716	57.5	−42.2	−17.5	45.7	202	0.0	1.0	0.598	57.3	−46.2	−10.6	47.5	193	0.0	1.0	0.717	0.0	1.0	0.702	57.5	−42.6	−16.7	45.9	201	0.0	1.0	0.717			
203	194	202	0.0	1.0	0.733	57.5	−41.6	−18.4	45.5	203	0.0	1.0	0.61	57.4	−45.7	−11.3	47.2	194	0.0	1.0	0.733	0.0	1.0	0.714	57.5	−42.2	−17.3	45.8	202	0.0	1.0	0.733			
205	195	203	0.0	1.0	0.75	57.5	−41.0	−19.3	45.3	205	0.0	1.0	0.622	57.5	−45.2	−12.0	46.9	195	0.0	1.0	0.75	0.0	1.0	0.725	57.6	−41.8	−18.0	45.7	203	0.0	1.0	0.75			
206	196	204	0.0	1.0	0.766	57.3	−40.7	−20.5	45.6	206	0.0	1.0	0.634	57.5	−44.8	−12.8	46.7	196	0.0	1.0	0.767	0.0	1.0	0.737	57.6	−41.4	−18.6	45.5	204	0.0	1.0	0.767			
208	197	205	0.0	1.0	0.783	57.1	−40.3	−21.6	45.8	208	0.0	1.0	0.647	57.5	−44.4	−13.5	46.5	197	0.0	1.0	0.783	0.0	1.0	0.748	57.6	−41.0	−19.2	45.4	205	0.0	1.0	0.783			
209	198	206	0.0	1.0	0.8	56.9	−39.9	−22.8	46.0	209	0.0	1.0	0.659	57.5	−44.0	−14.2	46.4	198	0.0	1.0	0.8	0.0	1.0	0.759	57.5	−40.8	−19.9	45.5	206	0.0	1.0	0.8			
211	199	206	0.0	1.0	0.816	56.7	−39.5	−23.9	46.2	211	0.0	1.0	0.672	57.5	−43.6	−15.0	46.3	199	0.0	1.0	0.817	0.0	1.0	0.769	57.3	−40.6	−20.6	45.6	206	0.0	1.0	0.817			
212	200	207	0.0	1.0	0.833	56.5	−39.1	−25.0	46.4	212	0.0	1.0	0.684	57.5	−43.2	−15.7	46.1	200	0.0	1.0	0.833	0.0	1.0	0.779	57.2	−40.4	−21.3	45.8	207	0.0	1.0	0.833			
214	201	208	0.0	1.0	0.85	56.3	−38.6	−26.2	46.6	214	0.0	1.0	0.697	57.5	−42.8	−16.4	46.0	201	0.0	1.0	0.85	0.0	1.0	0.789	57.1	−40.1	−22.0	45.9	208	0.0	1.0	0.85			
215	202	209	0.0	1.0	0.866	56.1	−38.0	−27.3	46.8	215	0.0	1.0	0.709	57.5	−42.4	−17.1	45.9	202	0.0	1.0	0.867	0.0	1.0	0.8	57.0	−39.9	−22.7	46.0	209	0.0	1.0	0.867			
217	203	210	0.0	1.0	0.883	55.8	−37.6	−28.6	47.2	217	0.0	1.0	0.722	57.6	−42.0	−17.8	45.7	203	0.0	1.0	0.883	0.0	1.0	0.81	56.8	−39.6	−23.4	46.2	210	0.0	1.0	0.883			
219	204	211	0.0	1.0	0.9	55.4	−37.1	−30.1	47.8	219	0.0	1.0	0.734	57.6	−41.5	−18.4	45.6	204	0.0	1.0	0.9	0.0	1.0	0.82	56.7	−39.4	−24.1	46.3	211	0.0	1.0	0.9			
220	205	212	0.0	1.0	0.916	55.1	−36.6	−31.6	48.4	220	0.0	1.0	0.747	57.6	−41.1	−19.1	45.4	205	0.0	1.0	0.917	0.0	1.0	0.83	56.6	−39.1	−24.8	46.4	212	0.0	1.0	0.917			
222	206	213	0.0	1.0	0.933	54.7	−36.1	−33.2	49.0	222	0.0	1.0	0.758	57.5	−40.8	−19.8	45.5	206	0.0	1.0	0.933	0.0	1.0	0.841	56.5	−38.8	−25.5	46.5	213	0.0	1.0	0.933			
224	207	214	0.0	1.0	0.95	54.3	−35.5	−34.7	49.6	224	0.0	1.0	0.769	57.3	−40.6	−20.6	45.6	207	0.0	1.0	0.95	0.0	1.0	0.851	56.3	−38.5	−26.2	46.7	214	0.0	1.0	0.95			
226	208	215	0.0	1.0	0.966	54.0	−34.8	−36.2	50.2	226	0.0	1.0	0.781	57.2	−40.3	−21.4	45.8	208	0.0	1.0	0.967	0.0	1.0	0.861	56.2	−38.2	−26.9	46.8	215	0.0	1.0	0.967			
227	209	216	0.0	1.0	0.983	53.6	−34.1	−37.7	50.8	227	0.0	1.0	0.792	57.1	−40.1	−22.2	45.9	209	0.0	1.0	0.983	0.0	1.0	0.871	56.1	−37.8	−27.5	46.9	216	0.0	1.0	0.983			
229	210	216	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229	C_d	0.0	1.0	0.803	56.9	−39.8	−22.9	46.1	210	C_s	0.0	1.0	1.0	0.0	1.0	0.881	55.9	−37.6	−28.3	47.2	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*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
229	210	216	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229 C_d	0.0	1.0	0.803	56.9	−39.8	−22.9	46.1	210 C_s	0.0	1.0	1.0	0.0	1.0	0.881	55.9	−37.6	−28.3	47.2	216 C_e	0.0	1.0	1.0			
230	211	217	0.0	0.983	1.0	53.1	−33.0	−39.6	51.6	230	0.0	1.0	0.814	56.8	−39.5	−23.7	46.2	211	0.0	0.983	1.0	0.0	1.0	0.889	55.7	−37.4	−29.1	47.5	217	0.0	0.983	1.0			
230	212	218	0.0	0.966	1.0	53.1	−32.7	−40.0	51.7	230	0.0	1.0	0.826	56.6	−39.2	−24.5	46.4	212	0.0	0.967	1.0	0.0	1.0	0.898	55.5	−37.2	−29.9	47.8	218	0.0	0.967	1.0			
231	213	219	0.0	0.95	1.0	53.0	−32.4	−40.4	51.9	231	0.0	1.0	0.837	56.5	−38.9	−25.2	46.5	213	0.0	0.95	1.0	0.0	1.0	0.906	55.3	−36.9	−30.6	48.1	219	0.0	0.95	1.0			
231	214	220	0.0	0.933	1.0	52.9	−32.2	−40.8	52.0	231	0.0	1.0	0.848	56.4	−38.6	−26.0	46.6	214	0.0	0.933	1.0	0.0	1.0	0.915	55.2	−36.6	−31.4	48.4	220	0.0	0.933	1.0			
232	215	221	0.0	0.916	1.0	52.8	−31.9	−41.2	52.1	232	0.0	1.0	0.859	56.2	−38.2	−26.7	46.8	215	0.0	0.917	1.0	0.0	1.0	0.924	55.0	−36.4	−32.2	48.7	221	0.0	0.917	1.0			
232	216	222	0.0	0.9	1.0	52.7	−31.6	−41.6	52.3	232	0.0	1.0	0.871	56.1	−37.9	−27.5	46.9	216	0.0	0.9	1.0	0.0	1.0	0.932	54.8	−36.1	−33.0	49.0	222	0.0	0.9	1.0			
233	217	223	0.0	0.883	1.0	52.7	−31.3	−42.0	52.4	233	0.0	1.0	0.881	55.9	−37.6	−28.3	47.2	217	0.0	0.883	1.0	0.0	1.0	0.941	54.6	−35.8	−33.8	49.4	223	0.0	0.883	1.0			
233	218	224	0.0	0.866	1.0	52.6	−30.9	−42.5	52.6	233	0.0	1.0	0.89	55.7	−37.4	−29.2	47.5	218	0.0	0.867	1.0	0.0	1.0	0.949	54.4	−35.5	−34.6	49.7	224	0.0	0.867	1.0			
234	219	225	0.0	0.85	1.0	52.6	−30.4	−43.1	52.8	234	0.0	1.0	0.9	55.5	−37.1	−30.0	47.9	219	0.0	0.85	1.0	0.0	1.0	0.958	54.2	−35.1	−35.4	50.0	225	0.0	0.85	1.0			
235	220	226	0.0	0.833	1.0	52.6	−30.0	−43.7	53.0	235	0.0	1.0	0.909	55.3	−36.8	−30.9	48.2	220	0.0	0.833	1.0	0.0	1.0	0.966	54.0	−34.8	−36.1	50.3	226	0.0	0.833	1.0			
236	221	227	0.0	0.816	1.0	52.6	−29.5	−44.2	53.2	236	0.0	1.0	0.918	55.1	−36.5	−31.8	48.5	221	0.0	0.817	1.0	0.0	1.0	0.975	53.8	−34.4	−36.9	50.6	227	0.0	0.817	1.0			
237	222	227	0.0	0.8	1.0	52.6	−29.0	−44.8	53.4	237	0.0	1.0	0.928	54.9	−36.2	−32.6	48.9	222	0.0	0.8	1.0	0.0	1.0	0.984	53.6	−34.0	−37.7	50.9	227	0.0	0.8	1.0			
237	223	228	0.0	0.783	1.0	52.6	−28.5	−45.4	53.6	237	0.0	1.0	0.937	54.7	−35.9	−33.5	49.2	223	0.0	0.783	1.0	0.0	1.0	0.992	53.4	−33.6	−38.5	51.2	228	0.0	0.783	1.0			
238	224	229	0.0	0.766	1.0	52.6	−28.0	−45.9	53.8	238	0.0	1.0	0.947	54.5	−35.6	−34.3	49.6	224	0.0	0.767	1.0	0.0	0.998	1.0	53.3	−33.2	−39.2	51.5	229	0.0	0.767	1.0			
239	225	230	0.0	0.75	1.0	52.6	−27.5	−46.4	54.0	239	0.0	1.0	0.956	54.2	−35.2	−35.2	49.9	225	0.0	0.75	1.0	0.0	0.968	1.0	53.1	−32.7	−39.9	51.8	230	0.0	0.75	1.0			
240	226	231	0.0	0.733	1.0	52.2	−26.5	−46.8	53.8	240	0.0	1.0	0.965	54.0	−34.8	−36.0	50.2	226	0.0	0.733	1.0	0.0	0.939	1.0	53.0	−32.2	−40.6	52.0	231	0.0	0.733	1.0			
241	227	232	0.0	0.716	1.0	51.9	−25.6	−47.1	53.6	241	0.0	1.0	0.975	53.8	−34.4	−36.9	50.6	227	0.0	0.717	1.0	0.0	0.91	1.0	52.8	−31.7	−41.3	52.2	232	0.0	0.717	1.0			
242	228	233	0.0	0.7	1.0	51.6	−24.6	−47.4	53.5	242	0.0	1.0	0.984	53.6	−34.0	−37.7	50.9	228	0.0	0.7	1.0	0.0	0.881	1.0	52.7	−31.2	−42.0	52.5	233	0.0	0.7	1.0			
243	229	234	0.0	0.683	1.0	51.3	−23.7	−47.7	53.3	243	0.0	1.0	0.994	53.4	−33.5	−38.6	51.3	229	0.0	0.683	1.0	0.0	0.859	1.0	52.7	−30.7	−42.7	52.7	234	0.0	0.683	1.0			
244	230	235	0.0	0.666	1.0	51.0	−22.7	−48.0	53.1	244	0.0	0.99	1.0	53.2	−33.1	−39.4	51.6	230	0.0	0.667	1.0	0.0	0.84	1.0	52.7	−30.1	−43.4	53.0	235	0.0	0.667	1.0			
245	231	236	0.0	0.65	1.0	50.7	−21.8	−48.2	52.9	245	0.0	0.958	1.0	53.1	−32.5	−40.2	51.8	231	0.0	0.65	1.0	0.0	0.82	1.0	52.6	−29.5	−44.1	53.2	236	0.0	0.65	1.0			
246	232	237	0.0	0.633	1.0	50.4	−20.8	−48.5	52.8	246	0.0	0.926	1.0	52.9	−32.0	−41.0	52.1	232	0.0	0.633	1.0	0.0	0.8	1.0	52.6	−29.0	−44.7	53.4	237	0.0	0.633	1.0			
247	233	237	0.0	0.616	1.0	50.0	−19.8	−48.6	52.5	247	0.0	0.894	1.0	52.8	−31.4	−41.7	52.4	233	0.0	0.617	1.0	0.0	0.78	1.0	52.6	−28.4	−45.4	53.7	237	0.0	0.617	1.0			
248	234	238	0.0	0.6	1.0	49.4	−18.9	−48.6	52.2	248	0.0	0.866	1.0	52.7	−30.8	−42.5	52.6	234	0.0	0.6	1.0	0.0	0.761	1.0	52.6	−27.8	−46.0	53.9	238	0.0	0.6	1.0			
249	235	239	0.0	0.583	1.0	48.9	−17.9	−48.6	51.8	249	0.0	0.845	1.0	52.7	−30.2	−43.2	52.9	235	0.0	0.583	1.0	0.0	0.743	1.0	52.5	−27.0	−46.5	54.0	239	0.0	0.583	1.0			
250	236	240	0.0	0.566	1.0	48.4	−17.0	−48.6	51.5	250	0.0	0.823	1.0	52.6	−29.6	−44.0	53.2	236	0.0	0.567	1.0	0.0	0.729	1.0	52.2	−26.2	−46.8	53.8	240	0.0	0.567	1.0			
251	237	241	0.0	0.55	1.0	47.8	−16.0	−48.6	51.2	251	0.0	0.802	1.0	52.6	−29.0	−44.7	53.4	237	0.0	0.55	1.0	0.0	0.714	1.0	51.9	−25.4	−47.1	53.7	241	0.0	0.55	1.0			
252	238	242	0.0	0.533	1.0	47.3	−15.1	−48.5	50.8	252	0.0	0.78	1.0	52.6	−28.3	−45.4	53.7	238	0.0	0.533	1.0	0.0	0.7	1.0	51.7	−24.6	−47.4	53.5	242	0.0	0.533	1.0			
253	239	243	0.0	0.516	1.0	46.8	−14.1	−48.5	50.5	253	0.0	0.758	1.0	52.6	−27.7	−46.1	53.9	239	0.0	0.517	1.0	0.0	0.686	1.0	51.4	−23.8	−47.6	53.4	243	0.0	0.517	1.0			
254	240	244	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254	0.0	0.74	1.0	52.4	−26.9	−46.6	53.9	240	0.0	0.5	1.0	0.0	0.671	1.0	51.1	−22.9	−47.9	53.2	244	0.0	0.5	1.0			
255	241	245	0.0	0.483	1.0	45.6	−12.2	−48.4	50.0	255	0.0	0.724	1.0	52.1	−26.0	−46.9	53.8	241	0.0	0.483	1.0	0.0	0.657	1.0	50.9	−22.1	−48.1	53.1	245	0.0	0.483	1.0			
256	242	246	0.0	0.466	1.0	44.9	−11.2	−48.5	49.8	256	0.0	0.709	1.0	51.8	−25.1	−47.2	53.6	242	0.0	0.467	1.0	0.0	0.642	1.0	50.6	−21.3	−48.3	52.9	246	0.0	0.467	1.0			
258	243	247	0.0	0.45	1.0	44.3	−10.2	−48.5	49.5	258	0.0	0.693	1.0	51.5	−24.2	−47.5	53.4	243	0.0	0.45	1.0	0.0	0.628	1.0	50.3	−20.4	−48.5	52.8	247	0.0	0.45	1.0			
259	244	248	0.0	0.433	1.0	43.6	−9.2	−48.5	49.3	259	0.0	0.677	1.0	51.2	−23.3	−47.8	53.3	244	0.0	0.433	1.0	0.0	0.613	1.0	49.9	−19.6	−48.6	52.5	248	0.0	0.433	1.0			
260	245	248	0.0	0.416	1.0	43.0	−8.1	−48.4	49.1	260	0.0	0.661	1.0	50.9	−22.3	−48.0	53.1	245	0.0	0.417	1.0	0.0	0.597	1.0	49.4	−18.7	−48.6	52.2	248	0.0	0.417	1.0			
261	246	249	0.0	0.4	1.0	42.3	−7.1	−48.4	48.9	261	0.0	0.645	1.0	50.6	−21.4	−48.3	52.9	246	0.0	0.4	1.0	0.0	0.582	1.0	48.9	−17.8	−48.6	51.9	249	0.0	0.4	1.0			
262	247	250	0.0	0.383	1.0	41.7	−6.2	−48.3	48.7	262	0.0	0.629	1.0	50.3	−20.5	−48.5	52.8	247	0.0	0.383	1.0	0.0	0.566	1.0	48.4	−16.9	−48.6	51.6	250	0.0	0.383	1.0			
264	248	251	0.0	0.366	1.0	41.0	−5.0	−48.3	48.6	264	0.0	0.613	1.0	49.9	−19.6	−48.6	52.5	248	0.0	0.367	1.0	0.0	0.551	1.0	47.9	−16.0	−48.5	51.2	251	0.0	0.367	1.0			
265	249	252	0.0	0.35	1.0	40.3	−3.8	−48.3	48.5	265	0.0	0.596	1.0	49.3	−18.6	−48.6	52.1	249	0.0	0.35	1.0	0.0	0.536	1.0	47.4	−15.2	−48.5	50.9	252	0.0	0.35	1.0			
267	250	253	0.0	0.333	1.0	39.6	−2.5	−48.3	48.4	267	0.0	0.579	1.0	48.8	−17.6	−48.6	51.8	250	0.0	0.333	1.0	0.0	0.52	1.0	46.9	−14.3	−48.4	50.6	253	0.0	0.333	1.0			
268	251	254	0.0	0.316	1.0	38.9	−1.2	−48.3	48.3	268	0.0	0.562	1.0	48.3	−16.7	−48.6	51.5	251	0.0	0.317	1.0	0.0	0.505	1.0	46.4	−13.4	−48.4	50.3	254	0.0	0.317	1.0			
269	252	255	0.0	0.3	1.0	38.1	0.0	−48.2	48.2	269	0.0	0.545	1.0	47.7	−15.7	−48.5	51.1	252	0.0	0.3	1.0	0.0	0.491	1.0	45.9	−12.6	−48.4	50.1	255	0.0	0.3	1.0			
271	253	256	0.0	0.283	1.0	37.4	1.2	−48.1	48.1	271	0.0	0.528	1.0	47.2	−14.8	−48.5	50.8	253	0.0	0.283	1.0	0.0	0.478	1.0	45.4	−11.8	−48.4	49.9	256	0.0	0.283	1.0			
272	254	257	0.0	0.266	1.0	36.7	2.5	−47.9	48.0	272	0.0	0.511	1.0	46.6	−13.8	−48.4	50.5	254	0.0	0.267	1.0	0.0	0.464	1.0	44.9	−11.0	−48.4	49.8	257	0.0	0.267	1.0			
274	255	258	0.0	0.25	1.0	36.0	3.7	−47.8	47.9	274	0.0	0.495	1.0	46.1	−12.9	−48.4	50.2	255	0.0	0.25	1.0	0.0	0.451	1.0	44.3	−10.2	−48.4	49.6	258	0.0	0.25	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*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M	*LAB**ddx361Mi (x=LabCh)	*rgb**ds361Mi	*LAB**dsx361Mi (x=LabCh)	*rgb**dd361Mi	*rgb**de361Mi	*LAB**dex361Mi (x=LabCh)	*rgb**dd361Mi
274	255	258	0.0 0.25 1.0	36.0 3.7 −47.8 47.9 274	0.0 0.495 1.0	46.1 −12.9 −48.4 50.2 255	0.0 0.25 1.0	0.0 0.451 1.0	44.3 −10.2 −48.4 49.6 258	0.0 0.25 1.0
276	256	258	0.0 0.233 1.0	35.8 5.1 −47.4 47.7 276	0.0 0.481 1.0	45.5 −12.0 −48.4 50.0 256	0.0 0.233 1.0	0.0 0.438 1.0	43.8 −9.4 −48.4 49.4 258	0.0 0.233 1.0
278	257	259	0.0 0.216 1.0	35.6 6.6 −47.1 47.5 278	0.0 0.466 1.0	44.9 −11.1 −48.4 49.8 257	0.0 0.217 1.0	0.0 0.424 1.0	43.3 −8.6 −48.4 49.3 259	0.0 0.217 1.0
279	258	260	0.0 0.2 1.0	35.4 8.0 −46.7 47.3 279	0.0 0.452 1.0	44.4 −10.2 −48.4 49.6 258	0.0 0.2 1.0	0.0 0.411 1.0	42.8 −7.8 −48.4 49.1 260	0.0 0.2 1.0
281	259	261	0.0 0.183 1.0	35.2 9.4 −46.2 47.1 281	0.0 0.437 1.0	43.8 −9.3 −48.4 49.4 259	0.0 0.183 1.0	0.0 0.398 1.0	42.3 −7.0 −48.3 48.9 261	0.0 0.183 1.0
283	260	262	0.0 0.166 1.0	35.0 10.8 −45.7 47.0 283	0.0 0.423 1.0	43.2 −8.5 −48.4 49.3 260	0.0 0.167 1.0	0.0 0.385 1.0	41.7 −6.2 −48.3 48.8 262	0.0 0.167 1.0
285	261	263	0.0 0.15 1.0	34.8 12.1 −45.2 46.8 285	0.0 0.408 1.0	42.7 −7.6 −48.4 49.1 261	0.0 0.15 1.0	0.0 0.372 1.0	41.3 −5.4 −48.2 48.6 263	0.0 0.15 1.0
286	262	264	0.0 0.133 1.0	34.6 13.5 −44.6 46.6 286	0.0 0.393 1.0	42.1 −6.7 −48.3 48.9 262	0.0 0.133 1.0	0.0 0.362 1.0	40.8 −4.6 −48.3 48.6 264	0.0 0.133 1.0
288	263	265	0.0 0.116 1.0	34.3 14.7 −44.2 46.6 288	0.0 0.379 1.0	41.5 −5.8 −48.2 48.7 263	0.0 0.117 1.0	0.0 0.352 1.0	40.4 −3.8 −48.3 48.5 265	0.0 0.117 1.0
289	264	266	0.0 0.1 1.0	34.0 16.0 −44.0 46.8 289	0.0 0.367 1.0	41.0 −5.0 −48.2 48.6 264	0.0 0.1 1.0	0.0 0.342 1.0	40.0 −3.1 −48.3 48.5 266	0.0 0.1 1.0
291	265	267	0.0 0.083 1.0	33.7 17.2 −43.8 47.0 291	0.0 0.356 1.0	40.6 −4.1 −48.3 48.6 265	0.0 0.083 1.0	0.0 0.331 1.0	39.5 −2.3 −48.3 48.4 267	0.0 0.083 1.0
292	266	268	0.0 0.066 1.0	33.3 18.4 −43.5 47.2 292	0.0 0.345 1.0	40.1 −3.3 −48.3 48.5 266	0.0 0.067 1.0	0.0 0.321 1.0	39.1 −1.5 −48.2 48.4 268	0.0 0.067 1.0
294	267	269	0.0 0.049 1.0	33.0 19.7 −43.2 47.5 294	0.0 0.333 1.0	39.6 −2.4 −48.3 48.4 267	0.0 0.05 1.0	0.0 0.311 1.0	38.7 −0.7 −48.2 48.3 269	0.0 0.05 1.0
296	268	269	0.0 0.033 1.0	32.7 20.9 −42.9 47.7 296	0.0 0.322 1.0	39.1 −1.6 −48.2 48.4 268	0.0 0.033 1.0	0.0 0.301 1.0	38.2 0.0 −48.1 48.2 269	0.0 0.033 1.0
297	269	270	0.0 0.016 1.0	32.4 22.1 −42.5 47.9 297	0.0 0.311 1.0	38.7 −0.7 −48.2 48.3 269	0.0 0.017 1.0	0.0 0.291 1.0	37.8 0.7 −48.1 48.2 270	0.0 0.017 1.0
299	270	271	0.0 0.0 1.0	32.1 23.3 −42.1 48.1 299 B_d	0.0 0.3 1.0	38.2 0.0 −48.1 48.2 270 B_s	0.0 0.0 1.0	0.0 0.281 1.0	37.4 1.5 −48.0 48.1 271 B_e	0.0 0.0 1.0
300	271	272	0.016 0.0 1.0	32.0 24.4 −41.7 48.3 300	0.0 0.289 1.0	37.7 0.8 −48.1 48.2 271	0.017 0.0 1.0	0.0 0.27 1.0	36.9 2.3 −47.9 48.1 272	0.017 0.0 1.0
301	272	273	0.033 0.0 1.0	31.9 25.4 −41.4 48.6 301	0.0 0.278 1.0	37.2 1.7 −48.0 48.1 272	0.033 0.0 1.0	0.0 0.259 1.0	36.5 3.0 −47.8 48.0 273	0.033 0.0 1.0
302	273	274	0.05 0.0 1.0	31.8 26.5 −41.0 48.8 302	0.0 0.266 1.0	36.8 2.5 −47.9 48.1 273	0.05 0.0 1.0	0.0 0.249 1.0	36.1 3.8 −47.7 48.0 274	0.05 0.0 1.0
304	274	275	0.066 0.0 1.0	31.7 27.5 −40.6 49.0 304	0.0 0.255 1.0	36.3 3.3 −47.8 48.0 274	0.067 0.0 1.0	0.0 0.24 1.0	36.0 4.6 −47.5 47.9 275	0.067 0.0 1.0
305	275	276	0.083 0.0 1.0	31.6 28.5 −40.1 49.2 305	0.0 0.245 1.0	36.0 4.2 −47.6 47.9 275	0.083 0.0 1.0	0.0 0.231 1.0	35.8 5.4 −47.3 47.7 276	0.083 0.0 1.0
306	276	277	0.1 0.0 1.0	31.5 29.5 −39.6 49.5 306	0.0 0.236 1.0	35.9 5.0 −47.4 47.8 276	0.1 0.0 1.0	0.0 0.222 1.0	35.7 6.2 −47.1 47.6 277	0.1 0.0 1.0
308	277	278	0.116 0.0 1.0	31.4 30.6 −39.1 49.7 308	0.0 0.226 1.0	35.8 5.8 −47.2 47.7 277	0.117 0.0 1.0	0.0 0.213 1.0	35.6 6.9 −46.9 47.5 278	0.117 0.0 1.0
309	278	279	0.133 0.0 1.0	31.3 31.6 −38.6 49.9 309	0.0 0.217 1.0	35.7 6.6 −47.0 47.6 278	0.133 0.0 1.0	0.0 0.204 1.0	35.5 7.7 −46.7 47.4 279	0.133 0.0 1.0
310	279	280	0.15 0.0 1.0	31.2 32.6 −38.0 50.1 310	0.0 0.207 1.0	35.5 7.4 −46.8 47.5 279	0.15 0.0 1.0	0.0 0.195 1.0	35.4 8.4 −46.5 47.3 280	0.15 0.0 1.0
311	280	281	0.166 0.0 1.0	31.2 33.7 −37.4 50.3 311	0.0 0.198 1.0	35.4 8.2 −46.5 47.4 280	0.167 0.0 1.0	0.0 0.186 1.0	35.3 9.2 −46.2 47.2 281	0.167 0.0 1.0
313	281	282	0.183 0.0 1.0	31.1 34.7 −36.8 50.6 313	0.0 0.189 1.0	35.3 9.0 −46.3 47.3 281	0.183 0.0 1.0	0.0 0.178 1.0	35.2 9.9 −46.0 47.1 282	0.183 0.0 1.0
314	282	283	0.2 0.0 1.0	31.1 35.7 −36.1 50.8 314	0.0 0.179 1.0	35.2 9.8 −46.0 47.2 282	0.2 0.0 1.0	0.0 0.169 1.0	35.0 10.7 −45.7 47.0 283	0.2 0.0 1.0
315	283	284	0.216 0.0 1.0	31.0 36.7 −35.4 51.0 315	0.0 0.17 1.0	35.1 10.6 −45.7 47.0 283	0.217 0.0 1.0	0.0 0.16 1.0	34.9 11.4 −45.4 46.9 284	0.217 0.0 1.0
317	284	285	0.233 0.0 1.0	30.9 37.6 −34.7 51.2 317	0.0 0.16 1.0	34.9 11.4 −45.4 46.9 284	0.233 0.0 1.0	0.0 0.151 1.0	34.8 12.1 −45.1 46.8 285	0.233 0.0 1.0
318	285	285	0.25 0.0 1.0	30.9 38.6 −34.0 51.4 318	0.0 0.151 1.0	34.8 12.1 −45.1 46.8 285	0.25 0.0 1.0	0.0 0.142 1.0	34.7 12.8 −44.8 46.7 285	0.25 0.0 1.0
319	286	286	0.266 0.0 1.0	31.2 39.5 −33.6 51.9 319	0.0 0.141 1.0	34.7 12.9 −44.8 46.7 286	0.267 0.0 1.0	0.0 0.133 1.0	34.6 13.6 −44.5 46.6 286	0.267 0.0 1.0
320	287	287	0.283 0.0 1.0	31.5 40.4 −33.3 52.4 320	0.0 0.132 1.0	34.6 13.6 −44.5 46.6 287	0.283 0.0 1.0	0.0 0.124 1.0	34.5 14.3 −44.2 46.5 287	0.283 0.0 1.0
321	288	288	0.3 0.0 1.0	31.9 41.3 −32.9 52.9 321	0.0 0.122 1.0	34.4 14.4 −44.2 46.6 288	0.3 0.0 1.0	0.0 0.113 1.0	34.3 15.0 −44.1 46.7 288	0.3 0.0 1.0
322	289	289	0.316 0.0 1.0	32.2 42.2 −32.5 53.3 322	0.0 0.111 1.0	34.2 15.2 −44.1 46.7 289	0.317 0.0 1.0	0.0 0.103 1.0	34.1 15.8 −44.0 46.8 289	0.317 0.0 1.0
323	290	290	0.333 0.0 1.0	32.6 43.2 −32.1 53.8 323	0.0 0.1 1.0	34.0 16.0 −43.9 46.9 290	0.333 0.0 1.0	0.0 0.092 1.0	33.9 16.6 −43.8 47.0 290	0.333 0.0 1.0
324	291	291	0.35 0.0 1.0	32.9 44.1 −31.7 54.3 324	0.0 0.089 1.0	33.8 16.8 −43.8 47.0 291	0.35 0.0 1.0	0.0 0.082 1.0	33.7 17.4 −43.7 47.1 291	0.35 0.0 1.0
325	292	292	0.366 0.0 1.0	33.2 45.0 −31.2 54.8 325	0.0 0.078 1.0	33.6 17.7 −43.6 47.2 292	0.367 0.0 1.0	0.0 0.071 1.0	33.5 18.1 −43.5 47.2 292	0.367 0.0 1.0
326	293	293	0.383 0.0 1.0	33.6 45.7 −30.8 55.1 326	0.0 0.067 1.0	33.4 18.5 −43.4 47.3 293	0.383 0.0 1.0	0.0 0.061 1.0	33.3 18.9 −43.3 47.4 293	0.383 0.0 1.0
326	294	294	0.4 0.0 1.0	33.9 46.3 −30.3 55.4 326	0.0 0.056 1.0	33.2 19.3 −43.2 47.4 294	0.4 0.0 1.0	0.0 0.05 1.0	33.1 19.7 −43.1 47.5 294	0.4 0.0 1.0
327	295	295	0.416 0.0 1.0	34.2 46.9 −29.8 55.6 327	0.0 0.044 1.0	33.0 20.1 −43.0 47.6 295	0.417 0.0 1.0	0.0 0.04 1.0	32.9 20.5 −42.9 47.7 295	0.417 0.0 1.0
328	296	296	0.433 0.0 1.0	34.5 47.5 −29.3 55.8 328	0.0 0.033 1.0	32.8 20.9 −42.8 47.7 296	0.433 0.0 1.0	0.0 0.029 1.0	32.7 21.2 −42.7 47.8 296	0.433 0.0 1.0
329	297	297	0.45 0.0 1.0	34.8 48.1 −28.8 56.0 329	0.0 0.022 1.0	32.6 21.7 −42.6 47.9 297	0.45 0.0 1.0	0.0 0.019 1.0	32.5 22.0 −42.5 47.9 297	0.45 0.0 1.0
329	298	298	0.466 0.0 1.0	35.2 48.6 −28.3 56.3 329	0.0 0.011 1.0	32.3 22.5 −42.3 48.0 298	0.467 0.0 1.0	0.0 0.008 1.0	32.3 22.8 −42.2 48.1 298	0.467 0.0 1.0
330	299	299	0.483 0.0 1.0	35.5 49.2 −27.7 56.5 330	0.0 0.0 1.0	32.1 23.4 −42.0 48.2 299	0.483 0.0 1.0	0.003 0.0 1.0	32.1 23.5 −42.0 48.2 299	0.483 0.0 1.0
331	300	300	0.5 0.0 1.0	35.8 49.8 −27.2 56.7 331	0.013 0.0 1.0	32.1 24.2 −41.8 48.3 300	0.5 0.0 1.0	0.015 0.0 1.0	32.0 24.3 −41.7 48.4 300	0.5 0.0 1.0

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

RE650−72 1−1031431−L0 LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nw=24.6, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 15/33

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb*dd361M*			*LAB*ddx361Mi (x=LabCh)*					*rgb*ds361Mi*			*LAB*dsx361Mi (x=LabCh)*					*rgb*dd361Mi*			*rgb*de361Mi*			*LAB*dex361Mi (x=LabCh)*					*rgb*dd361Mi*			*rgb*dd* *rgb*ds* *rgb*de*
331	300	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331	0.013	0.0	1.0	32.1	24.2	−41.8	48.3	300	0.5	0.0	1.0	0.015	0.0	1.0	32.0	24.3	−41.7	48.4	300	0.5	0.0	1.0	
332	301	301	0.516	0.0	1.0	36.2	50.5	−26.6	57.0	332	0.026	0.0	1.0	32.0	25.0	−41.5	48.5	301	0.517	0.0	1.0	0.027	0.0	1.0	32.0	25.1	−41.5	48.5	301	0.517	0.0	1.0	
333	302	302	0.533	0.0	1.0	36.6	51.1	−26.0	57.4	333	0.039	0.0	1.0	31.9	25.8	−41.2	48.7	302	0.533	0.0	1.0	0.04	0.0	1.0	31.9	25.9	−41.2	48.7	302	0.533	0.0	1.0	
333	303	303	0.55	0.0	1.0	37.1	51.8	−25.4	57.7	333	0.052	0.0	1.0	31.8	26.6	−40.9	48.9	303	0.55	0.0	1.0	0.052	0.0	1.0	31.8	26.6	−40.9	48.9	303	0.55	0.0	1.0	
334	304	303	0.566	0.0	1.0	37.5	52.4	−24.7	58.0	334	0.065	0.0	1.0	31.7	27.4	−40.6	49.0	304	0.567	0.0	1.0	0.064	0.0	1.0	31.7	27.4	−40.6	49.0	303	0.567	0.0	1.0	
335	305	304	0.583	0.0	1.0	37.9	53.1	−24.1	58.3	335	0.078	0.0	1.0	31.7	28.2	−40.2	49.2	305	0.583	0.0	1.0	0.077	0.0	1.0	31.7	28.2	−40.2	49.2	304	0.583	0.0	1.0	
336	306	305	0.6	0.0	1.0	38.3	53.7	−23.4	58.6	336	0.091	0.0	1.0	31.6	29.0	−39.8	49.4	306	0.6	0.0	1.0	0.089	0.0	1.0	31.6	28.9	−39.9	49.4	305	0.6	0.0	1.0	
337	307	306	0.616	0.0	1.0	38.7	54.4	−22.8	59.0	337	0.104	0.0	1.0	31.5	29.8	−39.5	49.6	307	0.617	0.0	1.0	0.101	0.0	1.0	31.5	29.7	−39.5	49.5	306	0.617	0.0	1.0	
338	308	307	0.633	0.0	1.0	39.1	55.1	−22.2	59.4	338	0.117	0.0	1.0	31.4	30.6	−39.1	49.7	308	0.633	0.0	1.0	0.113	0.0	1.0	31.4	30.4	−39.2	49.7	307	0.633	0.0	1.0	
338	309	308	0.65	0.0	1.0	39.5	55.8	−21.7	59.9	338	0.129	0.0	1.0	31.4	31.4	−38.7	49.9	309	0.65	0.0	1.0	0.126	0.0	1.0	31.4	31.2	−38.8	49.8	308	0.65	0.0	1.0	
339	310	309	0.666	0.0	1.0	39.9	56.5	−21.2	60.4	339	0.142	0.0	1.0	31.3	32.2	−38.2	50.1	310	0.667	0.0	1.0	0.138	0.0	1.0	31.3	31.9	−38.4	50.0	309	0.667	0.0	1.0	
340	311	310	0.683	0.0	1.0	40.3	57.2	−20.7	60.9	340	0.154	0.0	1.0	31.3	32.9	−37.8	50.2	311	0.683	0.0	1.0	0.149	0.0	1.0	31.3	32.6	−38.0	50.2	310	0.683	0.0	1.0	
340	312	311	0.7	0.0	1.0	40.7	57.9	−20.2	61.3	340	0.167	0.0	1.0	31.2	33.7	−37.3	50.4	312	0.7	0.0	1.0	0.161	0.0	1.0	31.2	33.4	−37.6	50.3	311	0.7	0.0	1.0	
341	313	312	0.716	0.0	1.0	41.1	58.6	−19.7	61.8	341	0.179	0.0	1.0	31.2	34.5	−36.9	50.6	313	0.717	0.0	1.0	0.173	0.0	1.0	31.2	34.1	−37.1	50.5	312	0.717	0.0	1.0	
342	314	313	0.733	0.0	1.0	41.4	59.3	−19.2	62.3	342	0.192	0.0	1.0	31.1	35.2	−36.4	50.7	314	0.733	0.0	1.0	0.185	0.0	1.0	31.2	34.8	−36.7	50.6	313	0.733	0.0	1.0	
342	315	314	0.75	0.0	1.0	41.8	60.0	−18.6	62.8	342	0.204	0.0	1.0	31.1	36.0	−35.9	50.9	315	0.75	0.0	1.0	0.197	0.0	1.0	31.1	35.5	−36.2	50.8	314	0.75	0.0	1.0	
343	316	315	0.766	0.0	1.0	42.1	60.6	−18.1	63.3	343	0.217	0.0	1.0	31.0	36.7	−35.4	51.0	316	0.767	0.0	1.0	0.209	0.0	1.0	31.1	36.2	−35.7	50.9	315	0.767	0.0	1.0	
343	317	316	0.783	0.0	1.0	42.5	61.2	−17.6	63.7	343	0.229	0.0	1.0	31.0	37.5	−34.8	51.2	317	0.783	0.0	1.0	0.22	0.0	1.0	31.0	36.9	−35.2	51.1	316	0.783	0.0	1.0	
344	318	317	0.8	0.0	1.0	42.8	61.8	−17.1	64.2	344	0.242	0.0	1.0	31.0	38.2	−34.3	51.4	318	0.8	0.0	1.0	0.232	0.0	1.0	31.0	37.6	−34.7	51.3	317	0.8	0.0	1.0	
345	319	318	0.816	0.0	1.0	43.1	62.4	−16.6	64.6	345	0.256	0.0	1.0	31.0	39.0	−33.8	51.7	319	0.817	0.0	1.0	0.244	0.0	1.0	30.9	38.3	−34.2	51.4	318	0.817	0.0	1.0	
345	320	319	0.833	0.0	1.0	43.4	63.0	−16.1	65.1	345	0.274	0.0	1.0	31.4	40.0	−33.4	52.2	320	0.833	0.0	1.0	0.258	0.0	1.0	31.1	39.1	−33.7	51.7	319	0.833	0.0	1.0	
346	321	320	0.85	0.0	1.0	43.7	63.6	−15.6	65.5	346	0.292	0.0	1.0	31.8	40.9	−33.1	52.7	321	0.85	0.0	1.0	0.275	0.0	1.0	31.4	40.0	−33.4	52.2	320	0.85	0.0	1.0	
346	322	321	0.866	0.0	1.0	44.0	64.2	−15.1	66.0	346	0.31	0.0	1.0	32.1	41.9	−32.6	53.2	322	0.867	0.0	1.0	0.292	0.0	1.0	31.8	41.0	−33.0	52.7	321	0.867	0.0	1.0	
347	323	321	0.883	0.0	1.0	44.4	64.9	−14.4	66.5	347	0.328	0.0	1.0	32.5	42.9	−32.2	53.7	323	0.883	0.0	1.0	0.309	0.0	1.0	32.1	41.9	−32.7	53.2	321	0.883	0.0	1.0	
348	324	322	0.9	0.0	1.0	44.9	65.6	−13.8	67.1	348	0.345	0.0	1.0	32.9	43.9	−31.8	54.2	324	0.9	0.0	1.0	0.326	0.0	1.0	32.5	42.8	−32.3	53.7	322	0.9	0.0	1.0	
348	325	323	0.916	0.0	1.0	45.3	66.4	−13.1	67.7	348	0.363	0.0	1.0	33.2	44.8	−31.3	54.7	325	0.917	0.0	1.0	0.343	0.0	1.0	32.8	43.7	−31.8	54.2	323	0.917	0.0	1.0	
349	326	324	0.933	0.0	1.0	45.8	67.1	−12.4	68.2	349	0.383	0.0	1.0	33.6	45.7	−30.8	55.2	326	0.933	0.0	1.0	0.36	0.0	1.0	33.2	44.7	−31.4	54.6	324	0.933	0.0	1.0	
350	327	325	0.95	0.0	1.0	46.2	67.8	−11.6	68.8	350	0.405	0.0	1.0	34.0	46.5	−30.1	55.5	327	0.95	0.0	1.0	0.377	0.0	1.0	33.5	45.6	−30.9	55.1	325	0.95	0.0	1.0	
350	328	326	0.966	0.0	1.0	46.7	68.5	−10.9	69.4	350	0.426	0.0	1.0	34.4	47.3	−29.5	55.8	328	0.967	0.0	1.0	0.398	0.0	1.0	33.9	46.3	−30.3	55.4	326	0.967	0.0	1.0	
351	329	327	0.983	0.0	1.0	47.2	69.2	−10.1	70.0	351	0.448	0.0	1.0	34.9	48.1	−28.8	56.1	329	0.983	0.0	1.0	0.419	0.0	1.0	34.3	47.0	−29.7	55.7	327	0.983	0.0	1.0	
352	330	328	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352	M_d	0.47	0.0	1.0	35.3	48.8	−28.1	56.4	330	M_s	1.0	0.0	1.0	0.44	0.0	1.0	34.7	47.8	−29.0	56.0	328	M_e	1.0	0.0	1.0	
352	331	329	1.0	0.0	0.983	47.5	69.9	−9.1	70.5	352	0.492	0.0	1.0	35.7	49.6	−27.4	56.7	331	1.0	0.0	0.983	0.461	0.0	1.0	35.1	48.5	−28.4	56.2	329	1.0	0.0	0.983	
352	332	330	1.0	0.0	0.966	47.4	69.9	−8.9	70.5	352	0.513	0.0	1.0	36.2	50.3	−26.7	57.0	332	1.0	0.0	0.967	0.481	0.0	1.0	35.5	49.2	−27.7	56.5	330	1.0	0.0	0.967	
352	333	331	1.0	0.0	0.95	47.3	69.9	−8.6	70.4	352	0.533	0.0	1.0	36.7	51.1	−26.0	57.4	333	1.0	0.0	0.95	0.502	0.0	1.0	35.9	49.9	−27.1	56.8	331	1.0	0.0	0.95	
353	334	332	1.0	0.0	0.933	47.2	69.8	−8.4	70.3	353	0.552	0.0	1.0	37.2	51.9	−25.2	57.8	334	1.0	0.0	0.933	0.521	0.0	1.0	36.4	50.7	−26.4	57.2	332	1.0	0.0	0.933	
353	335	333	1.0	0.0	0.916	47.1	69.8	−8.2	70.3	353	0.572	0.0	1.0	37.7	52.7	−24.5	58.2	335	1.0	0.0	0.917	0.539	0.0	1.0	36.8	51.4	−25.7	57.5	333	1.0	0.0	0.917	
353	336	334	1.0	0.0	0.9	47.1	69.8	−7.9	70.2	353	0.592	0.0	1.0	38.2	53.5	−23.7	58.5	336	1.0	0.0	0.9	0.558	0.0	1.0	37.3	52.2	−25.0	57.9	334	1.0	0.0	0.9	
353	337	335	1.0	0.0	0.883	47.0	69.7	−7.7	70.2	353	0.612	0.0	1.0	38.7	54.2	−22.9	58.9	337	1.0	0.0	0.883	0.577	0.0	1.0	37.8	52.9	−24.3	58.3	335	1.0	0.0	0.883	
354	338	336	1.0	0.0	0.866	46.9	69.6	−7.1	69.9	354	0.633	0.0	1.0	39.2	55.1	−22.2	59.4	338	1.0	0.0	0.867	0.596	0.0	1.0	38.3	53.6	−23.6	58.6	336	1.0	0.0	0.867	
354	339	337	1.0	0.0	0.85	46.8	69.2	−6.2	69.5	354	0.658	0.0	1.0	39.8	56.1	−21.5	60.1	339	1.0	0.0	0.85	0.614	0.0	1.0	38.7	54.3	−22.8	59.0	337	1.0	0.0	0.85	
355	340	338	1.0	0.0	0.833	46.7	68.8	−5.3	69.0	355	0.682	0.0	1.0	40.3	57.2	−20.7	60.9	340	1.0	0.0	0.833	0.635	0.0	1.0	39.2	55.2	−22.1	59.5	338	1.0	0.0	0.833	
356	341	339	1.0	0.0	0.816	46.6	68.5	−4.4	68.6	356	0.707	0.0	1.0	40.9	58.2	−20.0	61.6	341	1.0	0.0	0.817	0.658	0.0	1.0	39.8	56.2	−21.4	60.2	339	1.0	0.0	0.817	
356	342	339	1.0	0.0	0.8	46.5	68.1	−3.6	68.2	356	0.732	0.0	1.0	41.5	59.3	−19.2	62.3	342	1.0	0.0	0.8	0.682	0.0	1.0	40.3	57.2	−20.7	60.9	339	1.0	0.0	0.8	
357	343	340	1.0	0.0	0.783	46.4	67.7	−2.7	67.7	357	0.758	0.0	1.0	42.0	60.3	−18.3	63.1	343	1.0	0.0	0.783	0.705	0.0	1.0	40.9	58.2	−20.0	61.6	340	1.0	0.0	0.783	
358	344	341	1.0	0.0	0.766	46.4	67.3	−1.8	67.3	358	0.787	0.0	1.0	42.6	61.4	−17.5	63.9	344	1.0	0.0	0.767	0.729	0.0	1.0	41.4	59.2	−19.3	62.2	341	1.0	0.0	0.767	
359	345	342	1.0	0.0	0.75	46.3	66.8	−1.0	66.8	359	0.815	0.0	1.0	43.1	62.4	−16.6	64.6	345	1.0	0.0	0.75	0.753	0.0	1.0	41.9	60.1	−18.5	62.9	342	1.0	0.0	0.75	

RE650−72 1−1031531−L0 LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nw=24.6, 0.0, 0.0, 96.4, 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*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd *rgb**ds *rgb**de
359	345	342	1.0	0.0	0.75	46.3	66.8	−1.0	66.8	359	0.815	0.0	1.0	43.1	62.4	−16.6	64.6	345	1.0	0.0	0.75	0.753	0.0	1.0	41.9	60.1	−18.5	62.9	342	1.0	0.0	0.75	
360	346	343	1.0	0.0	0.733	46.2	66.6	0.0	66.6	360	0.844	0.0	1.0	43.7	63.5	−15.7	65.4	346	1.0	0.0	0.733	0.78	0.0	1.0	42.4	61.1	−17.7	63.7	343	1.0	0.0	0.733	
360	347	344	1.0	0.0	0.716	46.2	66.3	1.0	66.3	360	0.873	0.0	1.0	44.2	64.5	−14.8	66.2	347	1.0	0.0	0.717	0.807	0.0	1.0	43.0	62.1	−16.9	64.4	344	1.0	0.0	0.717	
361	348	345	1.0	0.0	0.7	46.2	65.9	2.1	66.0	361	0.897	0.0	1.0	44.8	65.6	−13.8	67.0	348	1.0	0.0	0.7	0.835	0.0	1.0	43.5	63.1	−16.0	65.2	345	1.0	0.0	0.7	
362	349	346	1.0	0.0	0.683	46.2	65.6	3.1	65.7	362	0.921	0.0	1.0	45.5	66.6	−12.8	67.8	349	1.0	0.0	0.683	0.862	0.0	1.0	44.0	64.1	−15.2	65.9	346	1.0	0.0	0.683	
363	350	347	1.0	0.0	0.666	46.1	65.3	4.2	65.4	363	0.945	0.0	1.0	46.1	67.6	−11.8	68.7	350	1.0	0.0	0.667	0.887	0.0	1.0	44.6	65.1	−14.3	66.7	347	1.0	0.0	0.667	
364	351	348	1.0	0.0	0.65	46.1	64.9	5.2	65.1	364	0.968	0.0	1.0	46.8	68.7	−10.8	69.5	351	1.0	0.0	0.65	0.909	0.0	1.0	45.2	66.1	−13.3	67.4	348	1.0	0.0	0.65	
365	352	349	1.0	0.0	0.633	46.1	64.5	6.2	64.8	365	0.992	0.0	1.0	47.4	69.7	−9.7	70.3	352	1.0	0.0	0.633	0.932	0.0	1.0	45.8	67.1	−12.4	68.2	349	1.0	0.0	0.633	
366	353	350	1.0	0.0	0.616	46.1	64.2	7.2	64.6	366	1.0	0.0	0.942	47.3	69.9	−8.5	70.4	353	1.0	0.0	0.617	0.954	0.0	1.0	46.4	68.1	−11.4	69.0	350	1.0	0.0	0.617	
367	354	351	1.0	0.0	0.6	46.1	63.8	8.3	64.3	367	1.0	0.0	0.87	46.9	69.7	−7.2	70.0	354	1.0	0.0	0.6	0.977	0.0	1.0	47.0	69.0	−10.4	69.8	351	1.0	0.0	0.6	
368	355	352	1.0	0.0	0.583	46.1	63.5	9.3	64.1	368	1.0	0.0	0.846	46.8	69.2	−6.0	69.4	355	1.0	0.0	0.583	0.999	0.0	1.0	47.6	70.0	−9.4	70.6	352	1.0	0.0	0.583	
369	356	353	1.0	0.0	0.566	46.0	63.1	10.3	63.9	369	1.0	0.0	0.823	46.7	68.6	−4.7	68.8	356	1.0	0.0	0.567	1.0	0.0	0.92	47.2	69.9	−8.2	70.3	353	1.0	0.0	0.567	
370	357	354	1.0	0.0	0.55	46.0	62.7	11.3	63.7	370	1.0	0.0	0.799	46.6	68.1	−3.5	68.2	357	1.0	0.0	0.55	1.0	0.0	0.865	46.9	69.6	−7.0	69.9	354	1.0	0.0	0.55	
371	358	355	1.0	0.0	0.533	46.0	62.3	12.3	63.5	371	1.0	0.0	0.776	46.5	67.5	−2.3	67.6	358	1.0	0.0	0.533	1.0	0.0	0.843	46.8	69.1	−5.8	69.3	355	1.0	0.0	0.533	
372	359	356	1.0	0.0	0.516	46.0	61.9	13.3	63.3	372	1.0	0.0	0.753	46.3	67.0	−1.1	67.0	359	1.0	0.0	0.517	1.0	0.0	0.821	46.7	68.6	−4.6	68.8	356	1.0	0.0	0.517	
373	360	352	1.0	0.0	0.5	46.0	61.4	14.2	63.1	373	1.0	0.0	0.734	46.3	66.6	0.0	66.6	360	1.0	0.0	0.5	0.993	0.0	1.0	47.5	69.7	−9.6	70.4	352	1.0	0.0	0.5	
374	361	353	1.0	0.0	0.483	46.0	61.3	15.3	63.1	374	1.0	0.0	0.716	46.3	66.3	1.2	66.3	361	1.0	0.0	0.483	1.0	0.0	0.927	47.3	69.9	−8.3	70.4	353	1.0	0.0	0.483	
374	362	354	1.0	0.0	0.466	46.0	61.1	16.3	63.2	374	1.0	0.0	0.697	46.2	65.9	2.3	66.0	362	1.0	0.0	0.467	1.0	0.0	0.863	46.9	69.5	−6.9	69.9	354	1.0	0.0	0.467	
375	363	355	1.0	0.0	0.45	45.9	60.9	17.4	63.3	375	1.0	0.0	0.679	46.2	65.6	3.4	65.7	363	1.0	0.0	0.45	1.0	0.0	0.837	46.8	69.0	−5.4	69.2	355	1.0	0.0	0.45	
376	364	356	1.0	0.0	0.433	45.9	60.7	18.4	63.4	376	1.0	0.0	0.661	46.2	65.2	4.6	65.4	364	1.0	0.0	0.433	1.0	0.0	0.811	46.6	68.4	−4.1	68.5	356	1.0	0.0	0.433	
377	365	357	1.0	0.0	0.416	45.9	60.4	19.5	63.5	377	1.0	0.0	0.643	46.2	64.8	5.7	65.0	365	1.0	0.0	0.417	1.0	0.0	0.785	46.5	67.8	−2.7	67.8	357	1.0	0.0	0.417	
378	366	358	1.0	0.0	0.4	45.9	60.2	20.5	63.6	378	1.0	0.0	0.625	46.1	64.4	6.8	64.7	366	1.0	0.0	0.4	1.0	0.0	0.759	46.4	67.1	−1.4	67.1	358	1.0	0.0	0.4	
379	367	359	1.0	0.0	0.383	45.8	59.9	21.5	63.7	379	1.0	0.0	0.607	46.1	64.0	7.9	64.5	367	1.0	0.0	0.383	1.0	0.0	0.736	46.3	66.7	−0.1	66.7	359	1.0	0.0	0.383	
380	368	360	1.0	0.0	0.366	45.8	59.7	22.5	63.9	380	1.0	0.0	0.59	46.1	63.6	8.9	64.3	368	1.0	0.0	0.367	1.0	0.0	0.716	46.3	66.3	1.1	66.3	360	1.0	0.0	0.367	
381	369	362	1.0	0.0	0.35	45.9	59.6	23.5	64.1	381	1.0	0.0	0.572	46.1	63.2	10.0	64.0	369	1.0	0.0	0.35	1.0	0.0	0.696	46.2	65.9	2.4	66.0	362	1.0	0.0	0.35	
382	370	363	1.0	0.0	0.333	46.0	59.5	24.5	64.4	382	1.0	0.0	0.554	46.1	62.8	11.1	63.8	370	1.0	0.0	0.333	1.0	0.0	0.676	46.2	65.5	3.7	65.6	363	1.0	0.0	0.333	
383	371	364	1.0	0.0	0.316	46.0	59.4	25.5	64.7	383	1.0	0.0	0.537	46.1	62.4	12.1	63.6	371	1.0	0.0	0.317	1.0	0.0	0.655	46.2	65.1	4.9	65.3	364	1.0	0.0	0.317	
384	372	365	1.0	0.0	0.3	46.1	59.3	26.5	64.9	384	1.0	0.0	0.519	46.1	62.0	13.2	63.4	372	1.0	0.0	0.3	1.0	0.0	0.635	46.1	64.6	6.1	64.9	365	1.0	0.0	0.3	
384	373	366	1.0	0.0	0.283	46.2	59.1	27.5	65.2	384	1.0	0.0	0.501	46.1	61.5	14.2	63.1	373	1.0	0.0	0.283	1.0	0.0	0.615	46.1	64.2	7.4	64.6	366	1.0	0.0	0.283	
385	374	367	1.0	0.0	0.266	46.2	58.9	28.5	65.5	385	1.0	0.0	0.484	46.0	61.3	15.3	63.2	374	1.0	0.0	0.267	1.0	0.0	0.596	46.1	63.8	8.6	64.3	367	1.0	0.0	0.267	
386	375	368	1.0	0.0	0.25	46.3	58.7	29.5	65.8	386	1.0	0.0	0.467	46.0	61.1	16.4	63.3	375	1.0	0.0	0.25	1.0	0.0	0.576	46.1	63.3	9.8	64.1	368	1.0	0.0	0.25	
387	376	369	1.0	0.0	0.233	46.4	58.8	30.4	66.2	387	1.0	0.0	0.449	46.0	60.9	17.5	63.4	376	1.0	0.0	0.233	1.0	0.0	0.556	46.1	62.9	11.0	63.8	369	1.0	0.0	0.233	
387	377	370	1.0	0.0	0.216	46.4	58.8	31.2	66.6	387	1.0	0.0	0.432	46.0	60.7	18.6	63.5	377	1.0	0.0	0.217	1.0	0.0	0.537	46.1	62.4	12.1	63.6	370	1.0	0.0	0.217	
388	378	372	1.0	0.0	0.2	46.5	58.8	32.1	67.0	388	1.0	0.0	0.414	45.9	60.4	19.6	63.6	378	1.0	0.0	0.2	1.0	0.0	0.517	46.1	61.9	13.3	63.3	372	1.0	0.0	0.2	
389	379	373	1.0	0.0	0.183	46.5	58.8	33.0	67.4	389	1.0	0.0	0.397	45.9	60.2	20.7	63.6	379	1.0	0.0	0.183	1.0	0.0	0.497	46.1	61.4	14.4	63.1	373	1.0	0.0	0.183	
389	380	374	1.0	0.0	0.166	46.6	58.8	33.8	67.8	389	1.0	0.0	0.38	45.9	59.9	21.8	63.7	380	1.0	0.0	0.167	1.0	0.0	0.478	46.0	61.3	15.7	63.2	374	1.0	0.0	0.167	
390	381	375	1.0	0.0	0.15	46.6	58.8	34.7	68.3	390	1.0	0.0	0.361	45.9	59.7	22.9	64.0	381	1.0	0.0	0.15	1.0	0.0	0.459	46.0	61.0	16.9	63.3	375	1.0	0.0	0.15	
391	382	376	1.0	0.0	0.133	46.7	58.7	35.6	68.7	391	1.0	0.0	0.341	46.0	59.6	24.1	64.3	382	1.0	0.0	0.133	1.0	0.0	0.439	46.0	60.8	18.1	63.4	376	1.0	0.0	0.133	
391	383	377	1.0	0.0	0.116	46.7	58.7	36.3	69.1	391	1.0	0.0	0.322	46.1	59.5	25.3	64.6	383	1.0	0.0	0.117	1.0	0.0	0.42	45.9	60.5	19.3	63.5	377	1.0	0.0	0.117	
392	384	378	1.0	0.0	0.1	46.7	58.8	36.8	69.4	392	1.0	0.0	0.302	46.2	59.3	26.4	64.9	384	1.0	0.0	0.1	1.0	0.0	0.401	45.9	60.2	20.5	63.6	378	1.0	0.0	0.1	
392	385	379	1.0	0.0	0.083	46.8	58.9	37.4	69.7	392	1.0	0.0	0.283	46.2	59.1	27.6	65.3	385	1.0	0.0	0.083	1.0	0.0	0.381	45.9	59.9	21.7	63.7	379	1.0	0.0	0.083	
392	386	381	1.0	0.0	0.066	46.8	58.9	37.9	70.1	392	1.0	0.0	0.264	46.3	58.9	28.7	65.6	386	1.0	0.0	0.067	1.0	0.0	0.36	45.9	59.7	23.0	64.0	381	1.0	0.0	0.067	
393	387	382	1.0	0.0	0.049	46.9	59.0	38.5	70.4	393	1.0	0.0	0.242	46.4	58.8	30.0	66.0	387	1.0	0.0	0.05	1.0	0.0	0.339	46.0	59.6	24.2	64.4	382	1.0	0.0	0.05	
393	388	383	1.0	0.0	0.033	46.9	59.0	39.0	70.8	393	1.0	0.0	0.216	46.5	58.8	31.3	66.6	388	1.0	0.0	0.033	1.0	0.0	0.317	46.1	59.5	25.5	64.7	383	1.0	0.0	0.033	
393	389	384	1.0	0.0	0.016	47.0	59.1	39.6	71.1	393	1.0	0.0	0.191	46.5	58.9	32.6	67.3	389	1.0	0.0	0.017	1.0	0.0	0.295	46.2	59.3	26.8	65.1	384	1.0	0.0	0.017	
394	390	385	1.0	0.0	0.0	47.0	59.1	40.1	71.5	394	R_d	1.0	0.0	0.165	46.6	58.8	34.0	67.9	390	R_s	1.0	0.0	0.0	1.0	0.0	0.274	46.3	59.1	28.1	65.4	385	R_e	1.0	0.0	0.0	

n/j	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'*$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
0/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1	1.0	0.0	0.0	46.8	60.9	42.3	74.2	34.8	2.8	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
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	52.6	54.0	53.6	76.2	44.7	1.0	0.116	0.0	51.6	56.4	54.2	78.3	43.8	2.6	36	1.0	0.116	0.0	52.6	54.0	53.6	76.2	44.7
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	59.7	40.2	61.8	73.8	56.9	1.0	0.233	0.0	59.0	41.6	60.5	73.4	55.4	2.0	42	1.0	0.233	0.0	59.7	40.2	61.8	73.8	56.9
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	66.4	27.5	68.6	73.9	68.1	0.999	0.367	0.0	65.0	30.2	66.4	73.0	65.4	3.8	51	1.0	0.366	0.0	66.4	27.5	68.6	73.9	68.1
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	72.1	16.6	73.6	75.5	77.2	1.0	0.5	0.0	70.7	19.4	71.9	74.5	74.8	3.5	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
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	76.5	9.1	77.8	78.4	83.3	1.0	0.631	0.0	75.1	11.6	76.8	77.6	81.3	3.1	68	1.0	0.633	0.0	76.5	9.1	77.8	78.4	83.3
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	83.1	−1.7	79.1	79.1	91.2	0.994	0.765	0.003	82.2	−0.5	79.7	79.7	90.3	1.6	77	1.0	0.766	0.0	83.1	−1.7	79.1	79.1	91.2
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	87.0	−7.3	75.7	76.1	95.5	0.999	0.882	0.0	86.3	−6.5	75.5	75.8	94.9	1.0	83	1.0	0.883	0.0	87.0	−7.3	75.7	76.1	95.5
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	91.1	−14.2	84.3	85.4	99.5	1.0	1.0	0.0	90.5	−13.5	85.5	86.5	99.0	1.4	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
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	92.7	−17.3	92.1	93.8	100.6	0.883	1.0	0.0	92.7	−17.6	93.6	95.2	100.6	1.4	96	0.883	1.0	0.0	92.7	−17.3	92.1	93.8	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	89.9	−21.3	89.9	92.4	103.3	0.765	1.0	0.0	89.1	−22.2	89.7	92.4	103.9	1.2	102	0.766	1.0	0.0	89.9	−21.3	89.9	92.4	103.3
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	81.6	−29.7	77.2	82.7	111.0	0.631	1.0	0.0	79.4	−31.8	73.7	80.3	113.3	4.5	111	0.633	1.0	0.0	81.6	−29.7	77.2	82.7	111.0
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	74.3	−37.9	65.9	76.1	119.9	0.501	0.999	0.0	72.0	−40.6	62.7	74.8	122.9	4.7	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
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	−45.0	57.4	73.0	128.0	0.367	1.0	0.0	67.1	−46.9	54.7	72.1	130.6	3.8	128	0.366	1.0	0.0	68.9	−45.0	57.4	73.0	128.0
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	61.9	−53.8	46.0	70.8	139.4	0.224	0.934	0.0	59.6	−58.4	43.3	72.7	143.4	5.8	137	0.233	1.0	0.0	61.9	−53.8	46.0	70.8	139.4
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	58.0	−59.6	38.2	70.8	147.2	0.117	0.998	0.0	55.8	−65.3	37.7	75.4	149.9	6.1	143	0.116	1.0	0.0	58.0	−59.6	38.2	70.8	147.2
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	55.1	−65.2	33.4	73.3	152.8	0.0	1.0	0.0	53.4	−69.4	33.2	76.9	154.4	4.4	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
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	54.8	−63.6	24.3	68.1	159.0	0.036	0.919	0.139	53.7	−66.7	24.3	71.0	159.9	3.2	156	0.0	1.0	0.116	54.8	−63.6	24.3	68.1	159.0
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	55.3	−60.3	15.7	62.4	165.3	0.039	0.874	0.244	53.6	−63.9	15.6	65.8	166.2	3.9	162	0.0	1.0	0.233	55.3	−60.3	15.7	62.4	165.3
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	56.1	−55.5	5.7	55.8	174.0	0.045	0.874	0.36	54.1	−59.2	5.0	59.4	175.1	4.3	171	0.0	1.0	0.366	56.1	−55.5	5.7	55.8	174.0
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	56.9	−50.1	−4.0	50.3	184.6	0.0	1.0	0.5	55.4	−52.8	−4.2	53.0	184.6	3.1	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
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	57.4	−44.8	−12.8	46.6	195.9	0.0	1.0	0.635	56.0	−46.1	−14.0	48.2	196.8	2.2	188	0.0	1.0	0.633	57.4	−44.8	−12.8	46.6	195.9
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	57.3	−40.7	−20.5	45.6	206.7	0.0	1.0	0.775	55.8	−42.0	−21.9	47.4	207.5	2.4	197	0.0	1.0	0.766	57.3	−40.7	−20.5	45.6	206.7
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	55.8	−37.6	−28.6	47.2	217.2	0.0	1.0	0.875	54.9	−39.5	−27.9	48.4	215.2	2.2	203	0.0	1.0	0.883	55.8	−37.6	−28.6	47.2	217.2
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	53.2	−33.3	−39.2	51.4	229.6	0.0	0.999	0.999	52.9	−33.8	−38.5	51.3	228.7	0.9	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
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	52.7	−31.3	−42.0	52.4	233.3	0.0	0.835	0.974	52.4	−31.5	−41.5	52.2	232.8	0.6	216	0.0	0.883	1.0	52.7	−31.3	−42.0	52.4	233.3
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	−28.0	−45.9	53.8	238.6	0.0	0.749	0.992	52.4	−26.3	−46.1	53.1	240.2	1.6	222	0.0	0.766	1.0	52.6	−28.0	−45.9	53.8	238.6
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	50.4	−20.8	−48.5	52.8	246.7	0.0	0.632	1.0	49.9	−19.4	−48.3	52.1	248.0	1.4	231	0.0	0.633	1.0	50.4	−20.8	−48.5	52.8	246.7
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	46.2	−13.2	−48.4	50.2	254.6	0.0	0.501	1.0	45.2	−11.4	−48.2	49.6	256.6	2.0	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
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	41.0	−5.0	−48.3	48.6	264.0	0.0	0.37	1.0	40.5	−3.6	−47.6	47.7	265.6	1.6	248	0.0	0.366	1.0	41.0	−5.0	−48.3	48.6	264.0
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	5.1	−47.4	47.7	276.2	0.0	0.25	1.0	34.5	6.1	−47.4	47.8	277.3	1.6	257	0.0	0.233	1.0	35.8	5.1	−47.4	47.7	276.2
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	34.3	14.7	−44.2	46.6	288.4	0.0	0.125	1.0	32.5	14.8	−45.0	47.4	288.2	1.9	263	0.0	0.116	1.0	34.3	14.7	−44.2	46.6	288.4
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	32.1	23.3	−42.1	48.1	299.0	0.0	0.0	0.999	29.9	24.0	−42.9	49.2	299.2	2.4	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
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	31.4	30.6	−39.1	49.7	308.0	0.118	0.0	1.0	29.7	29.9	−40.4	50.3	306.5	2.1	276	0.116	0.0	1.0	31.4	30.6	−39.1	49.7	308.0
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	30.9	37.6	−34.7	51.2	317.3	0.225	0.0	0.975	29.7	36.1	−35.7	50.8	315.3	2.1	282	0.233	0.0	1.0	30.9	37.6	−34.7	51.2	317.3
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	33.2	45.0	−31.2	54.8	325.1	0.368	0.0	1.0	31.4	44.2	−33.1	55.3	323.1	2.7	291	0.366	0.0	1.0	33.2	45.0	−31.2	54.8	325.1
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	35.8	49.8	−27.2	56.7	331.3	0.501	0.0	0.999	34.7	48.1	−29.2	56.3	328.6	2.8	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
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	39.1	55.1	−22.2	59.4	338.0	0.633	0.0	1.0	37.0	54.0	−24.4	59.2	335.6	3.2	308	0.633	0.0	1.0	39.1	55.1	−22.2	59.4	338.0
38/494	B75M_100_100$_{dd}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	42.1	60.6	−18.1	63.3	343.3	0.765	0.0	1.0	40.1	58.6	−20.5	62.1	340.7	3.6	317	0.766	0.0	1.0	42.1	60.6	−18.1	63.3	343.3
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	44.4	64.9	−14.4	66.5	347.4	0.883	0.0	1.0	43.1	64.3	−17.2	66.6	345.0	3.1	323	0.883	0.0	1.0	44.4	64.9	−14.4	66.5	347.4
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	47.6	69.9	−9.4	70.6	352.3	1.0	0.0	1.0	46.0	70.2	−11.3	71.1	350.8	2.5	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
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	47.0	69.7	−7.7	70.2	353.6	0.999	0.0	0.882	46.0	71.8	−8.5	72.3	353.2	2.4	336	1.0	0.0	0.883	47.0	69.7	−7.7	70.2	353.6
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	46.4	67.3	−1.8	67.3	358.3	0.996	0.004	0.762	46.0	69.9	−2.0	69.9	358.3	2.6	342	1.0	0.0	0.766	46.4	67.3	−1.8	67.3	358.3
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	46.1	64.5	6.2	64.8	5.5	0.994	0.005	0.628	45.9	66.8	6.5	67.1	365.6	2.3	351	1.0	0.0	0.633	46.1	64.5	6.2	64.8	5.5
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	46.0	61.4	14.2	63.1	13.0	1.0	0.0	0.5	46.0	63.6	15.0	65.4	373.2	2.3	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
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	45.8	59.7	22.5	63.9	20.7	0.998	0.001	0.368	45.8	61.8	23.3	66.0	380.6	2.1	368	1.0	0.0	0.366	45.8	59.7	22.5	63.9	20.7
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	46.4	58.8	30.4	66.2	27.3	1.0	0.0	0.234	46.3	60.4	31.5	68.1	387.5	1.9	377	1.0	0.0	0.233	46.4	58.8	30.4	66.2	27.3
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	46.7	58.7	36.3	69.1	31.7	1.0	0.0	0.117	46.7	60.3	37.9	71.2	392.1	2.2	383	1.0	0.0	0.116	46.7	58.7	36.3	69.1	31.7
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	47.0	59.1	40.1	71.5	34.1	1.0	0.0	0.0	46.8	60.9	42.3	74.2	394.8	2.8	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
49/0	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.2	0.0	0.0	0.0	0.0	1.6	360	1.0	1.0	1.0	96.3	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	33.5	0.0	0.0	0.0	0.0	0.151	0.194	0.187	31.9	0.0	0.7	0.7	90.0	1.8	360	1.0	1.0	1.0	96.3	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	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	41.2	0.6	0.0	0.6	353.7	1.4	360	1.0	1.0	1.0	96.3	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	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	51.7	1.2	−0.2	1.2	348.3	1.3	360	1.0	1.0	1.0	96.3	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	60.4	0.0	0.0	0.0	0.0	0.533	0.596	0.601	62.1	0.5	−0.2	0.5	332.7	1.7	360	1.0	1.0	1.0	96.3	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	69.4	0.0	0.0	0.0	0.0	0.643	0.697	0.709	70.7	1.1	−0.5	1.3	333.8	1.8	360	1.0	1.0	1.0	96.3	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	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	78.3	1.0	0.0	1.0	2.9	1.0	360	1.0	1.0	1.0	96.3	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	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	88.3	1.2	−0.2	1.2	346.5	1.5	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 2.4

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearization to *cmy0**$_{dd}$

1−1031731−F0

n/j	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'*$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
0/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1	1.0	0.0	0.0	46.8	60.9	42.3	74.2	34.8	2.8	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
1/666	R25Y_100_100$_{dd}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	59.7	40.2	61.8	73.8	56.9	1.0	0.233	0.0	59.0	41.6	60.5	73.4	55.4	2.0	42	1.0	0.233	0.0	59.7	40.2	61.8	73.8	56.9
2/684	R50Y_100_100$_{dd}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2	1.0	0.5	0.0	70.7	19.4	71.9	74.5	74.8	3.5	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
3/702	R75Y_100_100$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	83.1	−1.7	79.1	79.1	91.2	0.994	0.765	0.003	82.2	−0.5	79.7	79.7	90.3	1.6	77	1.0	0.766	0.0	83.1	−1.7	79.1	79.1	91.2
4/720	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5	1.0	1.0	0.0	90.5	−13.5	85.5	86.5	99.0	1.4	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
5/558	Y25G_100_100$_{dd}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	89.9	−21.3	89.9	92.4	103.3	0.765	1.0	0.0	89.1	−22.2	89.7	92.4	103.9	1.2	102	0.766	1.0	0.0	89.9	−21.3	89.9	92.4	103.3
6/396	Y50G_100_100$_{dd}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9	0.501	0.999	0.0	72.0	−40.6	62.7	74.8	122.9	4.7	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
7/234	Y75G_100_100$_{dd}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	61.9	−53.8	46.0	70.8	139.4	0.224	0.934	0.0	59.6	−58.4	43.3	72.7	143.4	5.8	137	0.233	1.0	0.0	61.9	−53.8	46.0	70.8	139.4
8/72	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8	0.0	1.0	0.0	53.4	−69.4	33.2	76.9	154.4	4.4	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
9/72	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8	0.0	1.0	0.0	53.4	−69.4	33.2	76.9	154.4	4.4	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
10/76	G25B_100_100$_{dd}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6	0.0	1.0	0.5	55.4	−52.8	−4.2	53.0	184.6	3.1	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
11/80	G50B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6	0.0	0.999	0.999	52.9	−33.8	−38.5	51.3	228.7	0.9	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
12/44	G75B_100_100$_{dd}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6	0.0	0.501	1.0	45.2	−11.4	−48.2	49.6	256.6	2.0	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
13/8	B00M_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0	0.0	0.0	0.999	29.9	24.0	−42.9	49.2	299.2	2.4	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
14/332	B25R_100_100$_{dd}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3	0.501	0.0	0.999	34.7	48.1	−29.2	56.3	328.6	2.8	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
15/656	B50R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3	1.0	0.0	1.0	46.0	70.2	−11.3	71.1	350.8	2.5	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
16/652	B75R_100_100$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0	1.0	0.0	0.5	46.0	63.6	15.0	65.4	13.2	2.3	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
17/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1	1.0	0.0	0.0	46.8	60.9	42.3	74.2	34.8	2.8	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
18/688	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.7	29.5	20.0	35.7	34.1	1.0	0.46	0.622	68.7	32.3	17.5	36.7	28.4	4.7	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
19/706	R50Y_100_050$_{dd}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	84.2	8.3	36.8	37.7	77.2	1.0	0.703	0.501	80.6	7.9	38.5	39.3	78.3	3.9	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
20/724	Y00G_100_050$_{dd}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	93.7	−7.1	42.1	42.7	99.5	1.0	0.986	0.591	92.6	−9.6	41.8	42.8	102.9	2.7	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
21/562	Y50G_100_050$_{dd}$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	85.3	−18.9	32.9	38.0	119.9	0.727	0.967	0.536	84.9	−22.9	33.9	40.9	124.0	4.0	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
22/400	G00B_100_050$_{dd}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	75.7	−32.6	16.7	36.6	152.8	0.438	1.0	0.501	72.2	−33.7	15.2	37.0	155.7	3.9	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
23/404	G50B_100_050$_{dd}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	74.8	−16.6	−19.6	25.7	229.6	0.488	0.885	0.912	73.9	−19.4	−21.3	28.8	227.7	3.3	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
24/368	B00R_100_050$_{dd}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	64.2	11.6	−21.0	24.0	299.0	0.586	0.549	0.924	62.9	12.9	−24.6	27.8	297.8	4.0	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
25/692	B50R_100_050$_{dd}$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	72.0	34.9	−4.7	35.3	352.3	0.995	0.477	0.877	71.3	36.5	−4.9	36.8	352.2	1.6	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
26/688	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.7	29.5	20.0	35.7	34.1	1.0	0.46	0.622	68.7	32.3	17.5	36.7	28.4	4.7	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
27/506	R00Y_075_050$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	53.7	29.5	20.0	35.7	34.1	0.77	0.224	0.332	54.0	31.9	20.0	37.7	32.1	2.3	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
28/524	R50Y_075_050$_{dd}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	66.3	8.3	36.8	37.7	77.2	0.776	0.504	0.236	66.8	9.5	36.9	38.1	75.4	1.3	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
29/542	Y00G_075_050$_{dd}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	75.7	−7.1	42.1	42.7	99.5	0.749	0.745	0.312	77.0	−6.1	41.0	41.4	98.5	1.9	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
30/380	Y50G_075_050$_{dd}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	67.4	−18.9	32.9	38.0	119.9	0.475	0.73	0.221	68.1	−20.6	30.6	36.9	123.9	2.9	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
31/218	G00B_075_050$_{dd}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	57.7	−32.6	16.7	36.6	152.8	0.227	0.727	0.252	57.5	−35.6	14.2	38.3	158.1	3.8	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
32/222	G50B_075_050$_{dd}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	56.8	−16.6	−19.6	25.7	229.6	0.235	0.663	0.713	56.7	−17.4	−22.2	28.2	231.9	2.7	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
33/186	B00R_075_050$_{dd}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	46.2	11.6	−21.0	24.0	299.0	0.287	0.249	0.677	46.7	9.9	−23.1	25.1	293.1	2.7	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
34/510	B50R_075_050$_{dd}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	54.0	34.9	−4.7	35.3	352.3	0.754	0.262	0.715	53.6	37.9	−4.7	38.2	352.8	2.9	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
35/506	R00Y_075_050$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	53.7	29.5	20.0	35.7	34.1	0.77	0.224	0.332	54.0	31.9	20.0	37.7	32.1	2.3	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
36/324	R00Y_050_050$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	35.8	29.5	20.0	35.7	34.1	0.5	0.0	0.0	39.0	34.3	18.8	39.1	28.7	5.8	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
37/342	R50Y_050_050$_{dd}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	48.3	8.3	36.8	37.7	77.2	0.501	0.25	0.0	49.8	11.5	31.1	33.2	69.5	6.7	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
38/360	Y00G_050_050$_{dd}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	57.8	−7.1	42.1	42.7	99.5	0.487	0.516	0.009	60.5	−6.8	44.0	44.5	98.8	3.2	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
39/198	Y50G_050_050$_{dd}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	49.4	−18.9	32.9	38.0	119.9	0.25	0.504	0.0	50.8	−20.6	29.1	35.7	125.3	4.3	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
40/36	G00B_050_050$_{dd}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	39.8	−32.6	16.7	36.6	152.8	0.125	0.501	0.0	47.6	−30.4	18.8	35.8	148.2	8.3	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
41/40	G50B_050_050$_{dd}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	38.9	−16.6	−19.6	25.7	229.6	0.0	0.308	0.426	40.2	−15.7	−20.4	25.8	232.4	1.8	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
42/4	B00R_050_050$_{dd}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	28.3	11.6	−21.0	24.0	299.0	0.125	0.0	0.375	31.1	15.3	−19.7	25.0	307.9	4.8	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
43/328	B50R_050_050$_{dd}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	36.1	34.9	−4.7	35.3	352.3	0.426	0.005	0.357	37.4	35.8	−3.8	36.0	353.8	1.8	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
44/324	R00Y_050_050$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	35.8	29.5	20.0	35.7	34.1	0.5	0.0	0.0	39.0	34.3	18.8	39.1	28.7	5.8	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
45/0	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.2	0.0	0.0	0.0	0.0	1.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
46/91	NW_013$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	33.5	0.0	0.0	0.0	0.0	0.151	0.194	0.187	31.9	0.0	0.7	0.7	90.0	1.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
47/182	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	41.2	0.6	0.0	0.6	353.7	1.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
48/273	NW_038$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	51.7	1.2	−0.2	1.2	348.3	1.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
49/364	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	60.4	0.0	0.0	0.0	0.0	0.533	0.596	0.601	62.1	0.5	−0.2	0.5	332.7	1.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
50/455	NW_063$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	69.4	0.0	0.0	0.0	0.0	0.643	0.697	0.709	70.7	1.1	−0.5	1.3	333.8	1.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
51/546	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	78.3	1.0	0.0	1.0	2.9	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
52/637	NW_088$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	88.3	1.2	−0.2	1.2	346.5	1.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
53/728	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 3.0

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearization to *cmy0**$_{dd}$

1−1031831−F0

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.DAT in file (F), page 20/33

n=j	HIC^*_{Fdd}	rgb_{Fdd}			ict_{Fdd}			$h_{si\_F,dd}$	rgb^*_{Fdd}			$LabCh^*_{Fdd}$					rgb'^*_{Fdd}			$LabCh'^*_{Fdd}$					DE'^*_{Fdd}	$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
0	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	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	25.5	2.9	−5.2	6.0	299.0	0.009	0.0	0.071	27.5	1.7	−8.3	8.5	282.0	3.8	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
2	B00R_025_025dd	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	26.4	5.8	−10.5	12.0	299.0	0.012	0.0	0.134	28.2	1.8	−15.5	15.6	276.6	6.6	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
3	B00R_037_037dd	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	27.4	8.7	−15.7	18.0	299.0	0.036	0.0	0.25	30.1	4.0	−21.1	21.5	280.8	7.6	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
4	B00R_050_050dd	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	28.3	11.6	−21.0	24.0	299.0	0.125	0.0	0.375	35.5	5.5	−25.5	26.1	282.3	10.4	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
5	B00R_062_062dd	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	29.3	14.6	−26.3	30.1	299.0	0.125	0.0	0.5	37.9	10.4	−32.1	33.7	288.0	11.2	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
6	B00R_075_075dd	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	30.2	17.5	−31.5	36.1	299.0	0.125	0.0	0.625	36.5	16.5	−39.4	42.7	292.7	10.1	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
7	B00R_087_087dd	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	31.1	20.4	−36.8	42.1	299.0	0.125	0.125	1.0	33.2	20.7	−42.6	47.4	295.8	6.1	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
8	B00R_100_100dd	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0	0.0	0.0	0.999	32.1	23.3	−42.1	48.1	299.0	0.0	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
9	G00B_012_012dd	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	28.3	−8.1	4.1	9.1	152.8	0.0	0.125	0.0	32.5	−7.6	2.7	8.1	160.1	4.4	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
10	G50B_012_012dd	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	28.1	−4.1	−4.9	6.4	229.6	0.0	0.041	0.077	31.3	−6.1	−2.6	6.7	203.4	4.4	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
11	G75B_025_025dd	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.125	0.25	30.0	−3.3	−12.1	12.5	254.6	0.01	0.087	0.24	30.5	−6.9	−12.3	14.1	240.6	3.6	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
12	G84B_037_037dd	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.118	0.375	29.9	−0.4	−18.1	18.1	268.4	0.0	0.034	0.314	33.8	−5.7	−19.7	20.5	253.7	6.7	251	0.0	0.316	1.0	38.9	−1.2	−48.3	48.3	268.4
13	G88B_050_050dd	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.116	0.5	30.2	2.5	−23.7	23.8	276.2	0.0	0.0	0.402	37.5	−3.9	−24.9	25.3	261.0	9.8	257	0.0	0.233	1.0	35.8	5.1	−47.4	47.7	276.2
14	G90B_062_062dd	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.114	0.625	31.2	5.9	−28.9	29.4	281.5	0.0	0.0	0.475	39.6	−1.0	−30.7	30.7	268.0	11.0	260	0.0	0.183	1.0	35.2	9.4	−46.2	47.1	281.5
15	G92B_075_075dd	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.112	0.75	32.2	9.1	−33.9	35.1	285.0	0.0	0.0	0.625	39.7	5.7	−40.4	40.8	278.0	10.5	262	0.0	0.15	1.0	34.8	12.1	−45.2	46.8	285.0
16	G93B_087_087dd	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.116	0.875	33.3	11.8	−39.0	40.7	286.8	0.0	0.0	0.749	35.3	11.9	−44.5	46.1	285.0	5.8	262	0.0	0.133	1.0	34.6	13.5	−44.6	46.6	286.8
17	G94B_100_100dd	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	34.3	14.7	−44.2	46.6	288.4	0.0	0.125	1.0	34.4	14.1	−44.3	46.5	287.7	0.6	263	0.0	0.116	1.0	34.3	14.7	−44.2	46.6	288.4
18	G00B_025_025dd	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	32.2	−16.3	8.3	18.3	152.8	0.0	0.25	0.0	37.6	−16.5	5.4	17.4	161.7	6.1	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
19	G25B_025_025dd	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.125	32.6	−12.5	−1.0	12.5	184.6	0.013	0.25	0.125	34.4	−16.2	−1.9	16.3	186.7	4.2	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
20	G50B_025_025dd	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	31.7	−8.3	−9.8	12.8	229.6	0.009	0.162	0.232	33.8	−14.4	−10.1	17.6	215.0	6.5	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
21	G65B_037_037dd	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.256	0.375	34.6	−8.8	−17.9	20.0	243.5	0.0	0.177	0.365	36.3	−13.1	−16.9	21.4	232.1	4.7	228	0.0	0.683	1.0	51.3	−23.7	−47.7	53.3	243.5
22	G75B_050_050dd	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.25	0.5	35.4	−6.6	−24.2	25.1	254.6	0.0	0.125	0.444	39.7	−10.5	−23.1	25.4	245.5	5.8	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
23	G80B_062_062dd	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.239	0.625	35.2	−3.8	−30.2	30.4	262.6	0.0	0.125	0.625	41.8	−8.2	−29.5	30.6	254.3	7.9	247	0.0	0.383	1.0	41.7	−6.2	−48.3	48.7	262.6
24	G84B_075_075dd	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.237	0.75	35.3	−0.9	−36.2	36.2	268.4	0.0	0.125	0.623	41.7	−5.8	−40.2	40.6	261.7	9.0	251	0.0	0.316	1.0	38.9	−1.2	−48.3	48.3	268.4
25	G86B_087_087dd	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.233	0.875	35.2	2.1	−41.9	42.0	272.9	0.0	0.125	0.749	37.8	1.3	−47.5	47.5	271.6	6.1	255	0.0	0.266	1.0	36.7	2.5	−47.9	48.0	272.9
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	5.1	−47.4	47.7	276.2	0.0	0.25	1.0	36.0	3.7	−47.8	47.9	274.4	1.5	257	0.0	0.233	1.0	35.8	5.1	−47.4	47.7	276.2
27	G00B_037_037dd	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	36.0	−24.4	12.5	27.5	152.8	0.0	0.375	0.0	41.7	−26.9	8.8	28.3	161.8	7.2	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
28	G15B_037_037dd	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.118	36.3	−21.5	3.5	21.8	170.7	0.0	0.375	0.125	40.2	−23.7	1.0	23.7	177.4	5.1	168	0.0	1.0	0.316	55.8	−57.5	9.4	58.2	170.7
29	G34B_037_037dd	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.256	36.9	−16.2	−5.8	17.3	199.9	0.032	0.318	0.237	38.2	−21.2	−7.0	22.4	198.2	5.3	191	0.0	1.0	0.683	57.5	−43.3	−15.7	46.1	199.9
30	G50B_037_037dd	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	35.3	−12.4	−14.7	19.3	229.6	0.005	0.239	0.335	39.7	−19.1	−14.9	24.2	218.0	7.9	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
31	G61B_050_050dd	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.383	0.5	38.6	−14.0	−22.9	26.9	238.6	0.0	0.251	0.463	42.0	−17.2	−21.0	27.1	230.5	5.1	222	0.0	0.766	1.0	52.6	−28.0	−45.9	53.8	238.6
32	G69B_062_062dd	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.385	0.625	40.4	−12.4	−30.4	32.8	247.7	0.0	0.258	0.589	44.3	−14.6	−27.3	30.9	241.8	5.4	232	0.0	0.616	1.0	50.0	−19.8	−48.6	52.5	247.7
33	G75B_075_075dd	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.375	0.75	40.8	−9.9	−36.3	37.6	254.6	0.0	0.256	0.671	45.4	−12.5	−35.7	37.8	250.6	5.3	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
34	G79B_087_087dd	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.364	0.875	40.7	−7.1	−42.4	43.0	260.4	0.0	0.25	0.75	43.3	−8.9	−47.2	48.0	259.3	5.7	245	0.0	0.416	1.0	43.0	−8.1	−48.4	49.1	260.4
35	G81B_100_100dd	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	41.0	−5.0	−48.3	48.6	264.0	0.0	0.37	1.0	41.3	−5.7	−48.3	48.6	263.2	0.7	248	0.0	0.366	1.0	41.0	−5.0	−48.3	48.6	264.0
36	G00B_050_050dd	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	39.8	−32.6	16.7	36.6	152.8	0.125	0.501	0.0	46.0	−38.6	15.9	41.8	157.6	8.7	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
37	G11B_050_050dd	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.116	39.9	−30.1	7.8	31.2	165.3	0.0	0.375	0.0	44.9	−37.5	6.1	38.0	170.7	9.1	162	0.0	1.0	0.233	55.3	−60.3	15.7	62.4	165.3
38	G25B_050_050dd	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.25	40.7	−25.0	−2.0	25.1	184.6	0.013	0.41	0.202	44.5	−35.0	−2.3	35.1	183.8	10.7	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
39	G38B_050_050dd	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.383	40.9	−20.3	−10.2	22.8	206.7	0.04	0.407	0.344	43.4	−30.5	−12.2	32.9	201.7	10.6	197	0.0	1.0	0.766	57.3	−40.7	−20.5	45.6	206.7
40	G50B_050_050dd	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	38.9	−16.6	−19.6	25.7	229.6	0.0	0.308	0.426	44.4	−25.8	−21.2	33.4	219.3	10.8	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
41	G59B_062_062dd	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.51	0.625	42.1	−18.4	−27.6	33.2	236.2	0.0	0.376	0.583	46.5	−21.1	−26.7	34.1	231.7	5.2	219	0.0	0.816	1.0	52.6	−29.5	−44.2	53.2	236.2
42	G65B_075_075dd	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.512	0.75	44.6	−17.7	−35.8	40.0	243.5	0.0	0.5	0.75	47.6	−17.9	−34.8	39.1	242.7	3.1	228	0.0	0.683	1.0	51.3	−23.7	−47.7	53.3	243.5
43	G70B_087_087dd	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.51	0.875	45.8	−15.7	−42.6	45.4	249.7	0.0	0.46	0.822	46.9	−17.2	−46.1	49.2	249.4	4.0	234	0.0	0.583	1.0	48.9	−17.9	−48.6	51.8	249.7
44	G75B_100_100dd	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6	0.0	0.501	1.0	46.2	−13.2	−48.4	50.2	254.6	0.0	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
45	G00B_062_062dd	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	43.6	−40.7	20.9	45.8	152.8	0.0	0.5	0.0	49.8	−57.2	26.9	63.2	154.7	18.5	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
46	G09B_062_062dd	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.114	43.6	−38.7	12.0	40.5	162.6	0.0	0.5	0.0	49.9	−57.5	18.2	60.4	162.4	20.8	159	0.0	1.0	0.183	55.0	−61.9	19.3	64.9	162.6
47	G19B_062_062dd	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.239	44.4	−34.2	2.8	34.4	175.2	0.011	0.49	0.173	49.4	−59.0	6.7	59.4	173.4	25.5	172	0.0	1.0	0.383	56.2	−54.8	4.5	55.0	175.2
48	G30B_062_062dd	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.385	45.1	−28.4	−7.3	29.3	194.5	0.056	0.517	0.363	49.8	−50.2	−4.6	50.4	185.2	22.5	187	0.0	1.0	0.616	57.4	−45.5	−11.8	47.0	194.5
49	G40B_062_062dd	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.51	44.6	−24.7	−14.9	28.9	211.1	0.041	0.5	0.446	50.3	−44.9	−16.9	48.0	200.6	21.0	200	0.0	1.0	0.816	56.7	−39.5	−23.9	46.2	211.1
50	G50B_062_062dd	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	42.5	−20.8	−24.5	32.1	229.6	0.0	0.399	0.535	51.5	−36.0	−25.2	44.0	214.9	17.7	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
51	G57B_075_075dd	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.637	0.75	45.6	−22.8	−32.3	39.6	234.7	0.0	0.502	0.671	51.1	−28.6	−32.3	43.2	228.4	7.9	217	0.0	0.85	1.0	52.6	−30.4	−43.1	52.8	234.7
52	G63B_087_087dd	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.641	0.875	48.8	−23.2	−40.9	47.1	240.4	0.0	0.567	0.83	50.1	−26.8	−42.9	50.6	237.9	4.3	224	0.0	0.733	1.0	52.2	−26.5	−46.8	53.8	240.4
53	G68B_100_100dd	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	50.4	−20.8	−48.5	52.8	246.7	0.0	0.632	1.0	50.2	−20.3	−48.6	52.7	247.2	0.5	231	0.0	0.633	1.0	50.4	−20.8	−48.5	52.8	246.7
54	G00B_075_075dd	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	47.4	−48.9	25.1	55.0	152.8	0.0	0.536	0.0	52.7	−70.7	33.6	78.3	154.5	23.9	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
55	G07B_075_075dd	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.112	47.3	−47.1	16.3	49.9	160.8	0.0	0.552	0.054	51.9	−70.5	24.0	74.5	161.1	25.0	157	0.0	1.0	0.15	54.9	−62.8	21.8	66.5	160.8
56	G15B_075_075dd	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.237	48.0	−43.1	7.0	43.7	170.7	0.042	0.578	0.213	51.5	−67.2	12.0	68.2	169.8	24.8	168	0.0	1.0	0.316	55.8	−57.5	9.4	58.2	170.7
57	G25B_075_075dd	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.375	48.8	−37.6	−3.0	37.7	184.6	0.064	0.596	0.361	51.9	−61.0	−0.5	61.0	180.5	23.7	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
58	G34B_075_075dd	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.512	49.2	−32.5	−11.7	34.6	199.9	0.068	0.593	0.467	52.8	−54.4	−10.6	55.4	191.0	22.2	191	0.0	1.0	0.683	57.5	−43.3	−15.7	46.1	199.9
59	G42B_075_075dd	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.637	48.4	−28.9	−19.6	34.9	214.1	0.037	0.561	0.544	53.4	−46.6	−20.9	51.1	204.1	18.4	202	0.0	1.0	0.85	56.3	−38.6	−26.2	46.6	214.1
60	G50B_075_075dd	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	46.1	−24.9	−29.4	38.6	229.6	0.0	0.513	0.636	52.6	−41.4	−29.6	50.9	215.5	17.7	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
61	G56B_087_087dd	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.758	0.875	49.1	−27.0	−37.2	46.0	233.9	0.0	0.583	0.776	52.2	−35.3	−38.0	51.9	227.1	8.8	217	0.0	0.866	1.0	52.6	−30.9	−42.5	52.6	233.9
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	−28.0	−45.9	53.8	238.6	0.0	0.749	0.992	52.6	−27.5	−46.4	54.0	239.3	0.7	222	0.0	0.766	1.0	52.6	−28.0	−45.9	53.8	238.6
63	G00B_087_087dd	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	51.3	−57.0	29.3	64.1	152.8	0.03	0.665	0.0	52.9	−69.7	32.2	76.9	155.1	13.1	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
64	G06B_087_087dd	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.116	51.0	−55.3	20.2	58.9	159.9	0.033	0.665	0.118	52.4	−68.8	23.6	72.7	161.0	13.8	157	0.0	1.0	0.133	54.8	−63.3	23.1	67.3	159.9
65	G13B_087_087dd	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.233	51.6	−51.8	11.6	53.1	167.3	0.059	0.749	0.25	53.3	−62.9	13.0	64.3	168.3	11.3	164	0.0	1.0	0.266	55.5	−59.2	13.2	60.7	167.3
66	G20B_087_087dd	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.364	52.4	−46.9	1.6	46.9	177.9	0.069	0.749	0.376	53.9	−57.8	2.0	57.9	177.9	11.0	174	0.0	1.0	0.416	56.4	−53.6	1.9	53.7	177.9
67	G29B_087_087dd	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.51	53.1	−41.0	−8.5	41.9	191.7	0.07	0.696	0.474	54.7	−52.2	−7.8	52.8	188.5	11.2	185	0.0	1.0	0.583	57.2	−46.9	−9.7	47.9	191.7
68	G36B_087_087dd	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.641	53.4	−36.4	−16.1	39.8	203.9	0.067	0.749	0.623	55.3	−46.0	−16.6	48.9	199.9	9.7	195	0.0	1.0	0.733	57.5	−41.6	−18.4	45.5	203.9
69	G43B_087_087dd	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.758	52.1	−33.3	−23.8	41.0	215.6	0.031	0.645	0.641	54.9	−41.3	−24.7	48.2	210.9	8.5	202	0.0	1.0	0.866	56.1	−38.0	−27.3	46.8	215.6
70	G50B_087_087dd	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	49.6	−29.1	−34.3	45.0	229.6	0.0	0.625	0.75	53.0	−36.7	−35.1	50.8	223.7	8.3	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
71	G55B_100_100dd	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	52.7	−31.3	−42.0	52.4	233.3	0.0	0.835	0.974	52.6	−31.1	−42.2	52.5	233.6	0.2	216	0.0	0.883	1.0	52.7	−31.3	−42.0	52.4	233.3
72	G00B_100_100dd	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8	0.0	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
73	G05B_100_100dd	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.116	54.8	−63.6	24.3	68.1	159.0	0.036	0.919	0.139	54.8	−63.5	23.7	67.8	159.5	0.6	156	0.0	1.0	0.116	54.8	−63.6	24.3	68.1	159.0
74	G11B_100_100dd	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.233	55.3	−60.3	15.7	62.4	165.3	0.039	0.874	0.244	55.4	−59.8	14.6	61.5	166.2	1.2	162	0.0	1.0	0.233	55.3	−60.3	15.7	62.4	165.3
75	G18B_100_100dd	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.366	56.1	−55.5	5.7	55.8	174.0	0.045	0.874	0.36	56.2	−55.1	5.2	55.4	174.5	0.6	171	0.0	1.0	0.366	56.1	−55.5	5.7	55.8	174.0
76	G25B_100_100dd	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6	0.0	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
77	G31B_100_100dd	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.633	57.4	−44.8	−12.8	46.6	195.9	0.0	1.0	0.635	57.4	−45.1	−12.3	46.7	195.2	0.5	188	0.0	1.0	0.633	57.4	−44.8	−12.8	46.6	195.9
78	G38B_100_100dd	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	57.3	−40.7	−20.5	45.6	206.7	0.0	1.0	0.775	57.5	−41.0	−19.3	45.3	205.2	1.2	197	0.0	1.0	0.766	57.3	−40.7	−20.5	45.6	206.7
79	G44B_100_100dd	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.883	55.8	−37.6	−28.6	47.2	217.2	0.0	1.0	0.875	56.0	−37.8	−27.8	46.9	216.3	0.8	203	0.0	1.0	0.883	55.8	−37.6	−28.6	47.2	217.2
80	G50B_100_100dd	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6	0.0	0.999	0.999	53.2	−33.3	−39.2	51.4	229.6	0.0	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6

Mean color difference of this page: delta 8.3

1-1031931-F0

RE650−7N, Page 20/33−F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{dd}
output: 3D-linearization to $cmy0^*_{dd}$

1−1031931−F0

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.DAT in file (F), page 21/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_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	27.3	7.3	5.0	8.9	34.1
82	B50R_012_012dd	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	27.4	8.7	−1.1	8.8	352.3
83	B25R_025_025dd	0.125	0.0	0.25	0.25	0.25	0.125	300	0.125	0.0	0.25	27.3	12.4	−6.8	14.1	331.3
84	B15R_037_037dd	0.125	0.0	0.375	0.375	0.375	0.187	289	0.118	0.0	0.375	27.4	15.8	−12.2	20.0	322.3
85	B11R_050_050dd	0.125	0.0	0.5	0.5	0.5	0.25	284	0.116	0.0	0.5	27.7	18.8	−17.3	25.6	317.3
86	B09R_062_062dd	0.125	0.0	0.625	0.625	0.625	0.312	281	0.114	0.0	0.625	28.6	21.7	−23.0	31.6	313.3
87	B07R_075_075dd	0.125	0.0	0.75	0.75	0.75	0.375	279	0.112	0.0	0.75	29.6	24.5	−28.5	37.6	310.6
88	B06R_087_087dd	0.125	0.0	0.875	0.875	0.875	0.437	278	0.116	0.0	0.875	30.4	27.6	−33.8	43.7	309.3
89	B05R_100_100dd	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	31.4	30.6	−39.1	49.7	308.0
90	Y00G_012_012dd	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	32.9	−1.7	10.5	10.6	99.5
91	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	33.5	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	34.4	2.9	−5.2	6.0	299.0
93	B00R_037_025dd	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	35.4	5.8	−10.5	12.0	299.0
94	B00R_050_037dd	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	36.3	8.7	−15.7	18.0	299.0
95	B00R_062_050dd	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	37.3	11.6	−21.0	24.0	299.0
96	B00R_075_062dd	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	38.2	14.6	−26.3	30.1	299.0
97	B00R_087_075dd	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	39.2	17.5	−31.5	36.1	299.0
98	B00R_100_087dd	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	40.1	20.4	−36.8	42.1	299.0
99	Y50G_025_025dd	0.125	0.25	0.0	0.25	0.25	0.125	120	0.125	0.25	0.0	37.0	−9.4	16.4	19.0	119.9
100	G00B_025_012dd	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	37.3	−8.1	4.1	9.1	152.8
101	G50B_025_012dd	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	37.1	−4.1	−4.9	6.4	229.6
102	G75B_037_025dd	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.25	0.375	38.9	−3.3	−12.1	12.5	254.6
103	G84B_050_037dd	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.243	0.5	38.9	−0.4	−18.1	18.1	268.4
104	G88B_062_050dd	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.241	0.625	39.1	2.5	−23.7	23.8	276.2
105	G90B_075_062dd	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.239	0.75	40.2	5.9	−28.9	29.4	281.5
106	G92B_087_075dd	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.237	0.875	41.2	9.1	−33.9	35.1	285.0
107	G93B_100_087dd	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.241	1.0	42.3	11.8	−39.0	40.7	286.8
108	Y68G_037_037dd	0.125	0.375	0.0	0.375	0.375	0.187	131	0.118	0.375	0.0	40.1	−18.2	19.9	27.0	132.4
109	G00B_037_025dd	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	41.1	−16.3	8.3	18.3	152.8
110	G25B_037_025dd	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.25	41.6	−12.5	−1.0	12.5	184.6
111	G50B_037_025dd	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	40.7	−8.3	−9.8	12.8	229.6
112	G65B_050_037dd	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.381	0.5	43.5	−8.8	−17.9	20.0	243.5
113	G75B_062_050dd	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.375	0.625	44.3	−6.6	−24.2	25.1	254.6
114	G80B_075_062dd	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.364	0.75	44.2	−3.8	−30.2	30.4	262.6
115	G84B_087_075dd	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.362	0.875	44.2	−0.9	−36.2	36.2	268.4
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	2.1	−41.9	42.0	272.9
117	Y76G_050_050dd	0.125	0.5	0.0	0.5	0.5	0.25	136	0.116	0.5	0.0	43.2	−26.9	23.0	35.4	139.4
118	G00B_050_037dd	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	45.0	−24.4	12.5	27.5	152.8
119	G15B_050_037dd	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.243	45.2	−21.5	3.5	21.8	170.7
120	G34B_050_037dd	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.381	45.9	−16.2	−5.8	17.3	199.9
121	G50B_050_037dd	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	44.3	−12.4	−14.7	19.3	229.6
122	G61B_062_050dd	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.508	0.625	47.5	−14.0	−22.9	26.9	238.6
123	G69B_075_062dd	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.51	0.75	49.4	−12.4	−30.4	32.8	247.7
124	G75B_087_075dd	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.5	0.875	49.8	−9.9	−36.3	37.6	254.6
125	G79B_100_087dd	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.489	1.0	49.6	−7.1	−42.4	43.0	260.4
126	Y81G_062_062dd	0.125	0.625	0.0	0.625	0.625	0.312	139	0.114	0.625	0.0	46.8	−35.2	26.6	44.2	142.9
127	G00B_062_050dd	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	48.8	−32.6	16.7	36.6	152.8
128	G11B_062_050dd	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.241	48.9	−30.1	7.8	31.2	165.3
129	G25B_062_050dd	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.375	49.7	−25.0	−2.0	25.1	184.6
130	G38B_062_050dd	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.508	49.9	−20.3	−10.2	22.8	206.7
131	G50B_062_050dd	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	47.8	−16.6	−19.6	25.7	229.6
132	G59B_075_062dd	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.635	0.75	51.0	−18.4	−27.6	33.2	236.2
133	G65B_087_075dd	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.637	0.875	53.6	−17.7	−35.8	40.0	243.5
134	G70B_100_087dd	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.635	1.0	54.8	−15.7	−42.6	45.4	249.7
135	Y85G_075_075dd	0.125	0.75	0.0	0.75	0.75	0.375	141	0.112	0.75	0.0	50.4	−43.5	30.2	53.0	145.1
136	G00B_075_062dd	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	52.6	−40.7	20.9	45.8	152.8
137	G09B_075_062dd	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.239	52.6	−38.7	12.0	40.5	162.6
138	G19B_075_062dd	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.364	53.3	−34.2	2.8	34.4	175.2
139	G30B_075_062dd	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.51	54.0	−28.4	−7.3	29.3	194.5
140	G40B_075_062dd	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.635	53.6	−24.7	−14.9	28.9	211.1
141	G50B_075_062dd	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	51.4	−20.8	−24.5	32.1	229.6
142	G57B_087_075dd	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.762	0.875	54.6	−22.8	−32.3	39.6	234.7
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	−23.2	−40.9	47.1	240.4
144	Y86G_087_087dd	0.125	0.875	0.0	0.875	0.875	0.437	142	0.116	0.875	0.0	54.2	−51.4	34.3	61.8	146.3
145	G00B_087_075dd	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	56.4	−48.9	25.1	55.0	152.8
146	G07B_087_075dd	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.237	56.3	−47.1	16.3	49.9	160.8
147	G15B_087_075dd	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.362	57.0	−43.1	7.0	43.7	170.7
148	G25B_087_075dd	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.5	57.8	−37.6	−3.0	37.7	184.6
149	G34B_087_075dd	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.637	58.2	−32.5	−11.7	34.6	199.9
150	G42B_087_075dd	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.762	57.3	−28.9	−19.6	34.9	214.1
151	G50B_087_075dd	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	55.0	−24.9	−29.4	38.6	229.6
152	G56B_100_087dd	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	0.883	1.0	58.1	−27.0	−37.2	46.0	233.9
153	Y88G_100_100dd	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	58.0	−59.6	38.2	70.8	147.2
154	G00B_100_087dd	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	60.2	−57.0	29.3	64.1	152.8
155	G06B_100_087dd	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.241	60.0	−55.3	20.2	58.9	159.9
156	G13B_100_087dd	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.358	60.6	−51.8	11.6	53.1	167.3
157	G20B_100_087dd	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.489	61.4	−46.9	1.6	46.9	177.9
158	G29B_100_087dd	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.635	62.1	−41.0	−8.5	41.9	191.7
159	G36B_100_087dd	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.766	62.4	−36.4	−16.1	39.8	203.9
160	G43B_100_087dd	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	1.0	0.883	61.1	−33.3	−23.8	41.0	215.6
161	G50B_100_087dd	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	58.6	−29.1	−34.3	45.0	229.6

n	rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
81	0.158	0.022	0.0	25.9	7.6	2.4	8.0	17.7	2.9	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
82	0.116	0.0	0.065	29.0	10.9	−3.9	11.6	340.0	3.8	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
83	0.125	0.0	0.125	29.6	12.6	−11.7	17.2	317.2	5.4	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
84	0.125	0.0	0.25	30.5	14.1	−17.8	22.8	308.4	6.6	288	0.316	0.0	1.0	32.2	42.2	−32.5	53.3	322.3
85	0.128	0.0	0.376	34.1	17.0	−24.4	29.8	304.9	9.6	282	0.233	0.0	1.0	30.9	37.6	−34.7	51.2	317.3
86	0.125	0.0	0.501	35.6	22.3	−30.8	38.0	306.0	10.5	279	0.183	0.0	1.0	31.1	34.7	−36.8	50.6	313.3
87	0.125	0.0	0.623	33.5	29.2	−37.1	47.2	308.1	10.5	278	0.15	0.0	1.0	31.2	32.6	−38.0	50.1	310.6
88	0.125	0.0	0.75	30.7	33.0	−38.0	50.3	310.9	6.8	277	0.133	0.0	1.0	31.3	31.6	−38.6	49.9	309.3
89	0.118	0.0	1.0	31.3	31.1	−38.9	49.8	308.6	0.5	276	0.116	0.0	1.0	31.4	30.6	−39.1	49.7	308.0
90	0.162	0.175	0.0	29.8	−1.2	6.8	6.9	100.2	4.7	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
91	0.151	0.194	0.187	29.0	1.1	0.9	1.5	40.2	4.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
92	0.172	0.184	0.283	32.3	4.0	−5.9	7.1	304.1	2.4	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
93	0.187	0.166	0.37	34.0	4.4	−15.1	15.8	286.1	5.0	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
94	0.184	0.137	0.441	37.2	5.3	−21.6	22.3	283.8	6.8	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
95	0.172	0.107	0.518	40.9	9.3	−26.7	28.3	289.3	7.1	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
96	0.142	0.077	0.595	41.8	13.0	−32.3	34.9	291.9	7.1	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
97	0.136	0.086	0.709	38.0	20.2	−39.5	44.4	297.0	8.5	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
98	0.186	0.169	0.86	35.1	22.6	−40.2	46.1	299.3	6.4	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
99	0.125	0.263	0.0	36.1	−6.8	11.0	13.0	121.5	6.1	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
100	0.121	0.285	0.14	36.0	−5.0	4.6	6.8	137.2	3.4	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
101	0.164	0.278	0.31	35.2	−4.7	−2.8	5.5	210.9	2.8	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
102	0.167	0.276	0.425	36.1	−5.0	−12.0	13.0	247.4	3.2	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
103	0.146	0.214	0.483	40.1	−5.2	−19.4	20.1	254.8	5.1	251	0.0	0.316	1.0	38.9	−1.2	−48.3	48.3	268.4
104	0.1	0.153	0.546	43.9	−2.3	−23.7	23.8	264.4	6.8	257	0.0	0.233	1.0	35.8	5.1	−47.4	47.7	276.2
105	0.072	0.118	0.628	46.0	1.0	−29.4	29.4	272.0	7.6	260	0.0	0.183	1.0	35.2	9.4	−46.2	47.1	281.5
106	0.082	0.133	0.729	42.3	8.4	−41.4	42.2	281.5	7.6	262	0.0	0.15	1.0	34.8	12.1	−45.2	46.8	285.0
107	0.152	0.233	0.864	38.1	13.7	−41.9	44.1	288.1	5.4	262	0.0	0.133	1.0	34.6	13.5	−44.6	46.6	286.8
108	0.125	0.375	0.0	42.6	−16.3	15.6	22.6	136.1	5.2	131	0.316	1.0	0.0	66.1	−48.6	53.1	72.0	132.4
109	0.108	0.367	0.089	41.3	−15.6	6.9	17.0	156.0	1.6	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
110	0.157	0.388	0.282	41.3	−14.6	−0.8	14.7	183.1	2.1	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
111	0.161	0.348	0.407	40.9	−13.3	−9.5	16.4	215.4	5.0	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
112	0.137	0.363	0.525	42.9	−10.6	−17.1	20.1	238.1	2.0	228	0.0	0.683	1.0	51.3	−23.7	−47.7	53.3	243.5
113	0.093	0.307	0.611	46.9	−7.7	−23.1	24.3	251.5	2.9	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
114	0.075	0.267	0.696	49.0	−6.8	−27.2	28.1	255.8	6.3	247	0.0	0.383	1.0	41.7	−6.2	−48.3	48.7	262.6
115	0.084	0.285	0.797	47.9	−4.6	−38.3	38.6	263.1	5.5	251	0.0	0.316	1.0	38.9	−1.2	−48.3	48.3	268.4
116	0.177	0.402	0.98	40.4	1.9	−45.4	45.4	272.4	5.1	255	0.0	0.266	1.0	36.7	2.5	−47.9	48.0	272.9
117	0.125	0.5	0.0	46.2	−27.1	18.8	33.0	145.2	5.1	137	0.233	1.0	0.0	61.9	−53.8	46.0	70.8	139.4
118	0.121	0.479	0.081	45.4	−25.2	10.1	27.2	158.0	2.5	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
119	0.14	0.495	0.238	45.1	−22.7	2.0	22.8	174.7	1.8	168	0.0	1.0	0.316	55.8	−57.5	9.4	58.2	170.7
120	0.169	0.486	0.402	45.4	−20.5	−5.3	21.2	194.5	4.3	191	0.0	1.0	0.683	57.5	−43.3	−15.7	46.1	199.9
121	0.137	0.419	0.488	46.8	−16.8	−14.3	22.1	220.5	5.0	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
122	0.09	0.458	0.616	49.4	−14.1	−21.4	25.6	236.6	2.4	222	0.0	0.766	1.0	52.6	−28.0	−45.9	53.8	238.6
123	0.085	0.471	0.753	50.9	−11.6	−27.9	30.2	247.3	3.0	232	0.0	0.616	1.0	50.0	−19.8	−48.6	52.5	247.7
124	0.111	0.462	0.86	51.3	−11.4	−35.2	37.0	252.0	2.4	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
125	0.2	0.551	0.995	46.1	−8.6	−46.1	46.9	259.4	5.3	245	0.0	0.416	1.0	43.0	−8.1	−48.4	49.1	260.4
126	0.125	0.625	0.0	51.3	−37.7	26.6	46.1	144.8	5.1	140	0.183	1.0	0.0	60.2	−56.4	42.6	70.7	142.9
127	0.119	0.576	0.091	50.6	−34.5	16.7	38.3	154.1	2.6	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
128	0.125	0.587	0.227	50.4	−32.7	8.1	33.7	166.0	2.9	162	0.0	1.0	0.233	55.3	−60.3	15.7	62.4	165.3
129	0.163	0.586	0.387	50.3	−31.2	−1.3	31.2	182.4	6.2	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
130	0.163	0.569	0.489	51.0	−25.9	−11.1	28.2	203.2	5.7	197	0.0	1.0	0.766	57.3	−40.7	−20.5	45.6	206.7
131	0.102	0.501	0.573	52.1	−21.3	−18.6	28.3	221.1	6.4	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
132	0.086	0.567	0.724	53.0	−18.1	−26.2	31.9	235.3	2.4	219	0.0	0.816	1.0	52.6	−29.5	−44.2	53.2	236.2
133	0.119	0.653	0.893	53.2	−15.9	−34.3	37.8	245.0	2.4	228	0.0	0.683	1.0	51.3	−23.7	−47.7	53.3	243.5
134	0.177	0.681	1.0	50.8	−14.6	−45.3	47.6	252.0	4.9	234	0.0	0.583	1.0	48.9	−17.9	−48.6	51.8	249.7
135	0.081	0.623	0.0	55.9	−53.1	36.7	64.6	145.3	12.8	142	0.15	1.0	0.0	59.0	−58.0	40.3	70.7	145.1
136	0.116	0.677	0.105	55.3	−42.6	21.8	47.8	152.8	3.3	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
137	0.114	0.679	0.226	55.8	−40.1	13.4	42.3	161.5	3.7	159	0.0	1.0	0.183	55.0	−61.9	19.3	64.9	162.6
138	0.135	0.679	0.359	56.6	−39.3	4.2	39.6	173.8	6.1	172	0.0	1.0	0.383	56.2	−54.8	4.5	55.0	175.2
139	0.156	0.673	0.488	56.9	−36.3	−7.6	37.1	191.9	8.3	187	0.0	1.0	0.616	57.4	−45.5	−11.8	47.0	194.5
140	0.137	0.656	0.586	58.1	−30.9	−14.8	34.3	205.6	7.6	200	0.0	1.0	0.816	56.7	−39.5	−23.9	46.2	211.1
141	0.092	0.59	0.683	57.4	−26.8	−23.2	35.5	220.9	8.5	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
142	0.101	0.694	0.842	56.8	−22.6	−32.5	39.6	235.1	2.2	217	0.0	0.85	1.0	52.6	−30.4	−43.1	52.8	234.7
143	0.138	0.835	1.0	55.6	−20.2	−42.1	46.7	244.3	3.8	224	0.0	0.733	1.0	52.2	−26.5	−46.8	53.8	240.4
144	0.108	0.711	0.0	58.6	−59.2	40.3	71.6	145.7	10.7	142	0.133	1.0	0.0	58.5	−58.8	39.2	70.6	146.3
145	0.117	0.793	0.119	59.2	−55.7	29.5	63.0	152.0	8.5	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
146	0.111	0.786	0.232	59.4	−53.7	19.6	57.2	159.9	8.0	157	0.0	1.0	0.15	54.9	−62.8	21.8	66.5	160.8
147	0.119	0.778	0.349	59.9	−49.4	8.0	50.0	170.7	7.0	168	0.0	1.0	0.316	55.8	−57.5	9.4	58.2	170.7
148	0.138	0.769	0.468	60.3	−44.4	−3.1	44.5	184.0	7.3	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
149	0.137	0.759	0.585	61.1	−39.6	−10.7	41.0	195.1	7.7	191	0.0	1.0	0.683	57.5	−43.3	−15.7	46.1	199.9
150	0.12	0.743	0.689	61.2	−35.2	−18.6	39.8	207.9	7.4	202	0.0	1.0	0.85	56.3	−38.6	−26.2	46.6	214.1
151	0.1	0.707	0.804	60.2	−30.3	−28.1	41.3	222.8	7.5	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
152	0.117	0.868	0.972	58.1	−26.0	−39.2	47.1	236.4	2.2	217	0.0	0.866	1.0	52.6	−30.9	−42.5	52.6	233.9
153	0.117	0.998	0.0	58.2	−59.2	38.6	70.6	146.8	0.5	143	0.116	1.0	0.0	58.0	−59.6	38.2	70.8	147.2
154	0.125	0.875	0.125	56.9	−60.2	30.8	67.6	152.8	4.8	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
155	0.125	0.875	0.25	56.6	−58.4	21.1	62.1	160.1	4.6	157	0.0	1.0	0.133	54.8	−63.3	23.1	67.3	159.9
156	0.125	0.874	0.348	58.2	−53.0	11.3	54.2	167.9	2.6	164	0.0	1.0	0.266	55.5	−59.2	13.2	60.7	167.3
157	0.136	0.874	0.464	59.1	−47.5	0.0	47.5	180.0	2.9	174	0.0	1.0	0.416	56.4	−53.6	1.9	53.7	177.9
158	0.136	0.874	0.607	59.6	−41.4	−11.1	42.9	195.1	3.6	185	0.0	1.0	0.583	57.2	−46.9	−9.7	47.9	191.7
159	0.139	0.874	0.728	59.7	−37.9	−17.8	41.9	205.1	3.4	195	0.0	1.0	0.733	57.5	−41.6	−18.4	45.5	203.9
160	0.125	0.874	0.826	59.4	−33.4	−25.7	42.1	217.5	2.5	202	0.0	1.0	0.866	56.1	−38.0	−27.3	46.8	215.6
161	0.111	0.874	0.941	56.1	−31.0	−36.4	47.8	229.6	3.7	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6

Mean color difference of this page: delta 5.1

1-1032031-F0

RE650-7N, Page 21/33-F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{dd}
output: 3D-linearization to $cmy0^*_{dd}$

1-1032031-F0

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.DAT in file (F), page 22/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
162	R00Y_025_025dd	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	30.2	14.7	10.0	17.8	34.1	0.271	0.0	0.0	29.8	13.9	6.6	15.4	25.5	3.5	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
163	R00Y_025_025dd	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.125	29.9	15.3	3.5	15.7	13.0	0.247	0.003	0.051	30.1	18.4	−0.8	18.5	357.3	5.4	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
164	B50R_025_025dd	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	30.3	17.4	−2.3	17.6	352.3	0.23	0.005	0.149	31.7	22.0	−6.7	23.0	343.0	6.4	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
165	B34R_037_037dd	0.25	0.0	0.375	0.375	0.375	0.187	311	0.256	0.0	0.375	30.4	21.4	−7.7	22.8	340.0	0.25	0.0	0.25	32.0	23.7	−12.3	26.7	332.4	5.3	311	0.683	0.0	1.0	40.3	57.2	−20.7	60.9	340.0
166	B25R_050_050dd	0.25	0.0	0.5	0.5	0.5	0.25	300	0.25	0.0	0.5	30.2	24.9	−13.6	28.3	331.3	0.25	0.0	0.375	34.0	26.4	−18.8	32.5	324.5	6.6	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
167	B19R_062_062dd	0.25	0.0	0.625	0.625	0.625	0.312	293	0.239	0.0	0.625	30.2	28.6	−19.2	34.4	326.0	0.25	0.0	0.5	34.7	30.0	−23.8	38.3	321.5	6.5	292	0.383	0.0	1.0	33.6	45.7	−30.8	55.1	326.0
168	B15R_075_075dd	0.25	0.0	0.75	0.75	0.75	0.375	289	0.237	0.0	0.75	30.3	31.7	−24.4	40.0	322.3	0.25	0.0	0.625	33.4	37.3	−30.1	48.0	321.0	8.6	288	0.316	0.0	1.0	32.2	42.2	−32.5	53.3	322.3
169	B13R_087_087dd	0.25	0.0	0.875	0.875	0.875	0.437	286	0.233	0.0	0.875	30.4	34.6	−29.4	45.4	319.5	0.25	0.0	0.75	32.5	38.8	−33.3	51.2	319.3	6.1	284	0.266	0.0	1.0	31.2	39.5	−33.6	51.9	319.5
170	B11R_100_100dd	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	30.9	37.6	−34.7	51.2	317.3	0.225	0.0	0.975	30.9	38.6	−34.0	51.4	318.6	1.2	282	0.233	0.0	1.0	30.9	37.6	−34.7	51.2	317.3
171	R50Y_025_025dd	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.125	0.0	36.4	4.1	18.4	18.8	77.2	0.289	0.169	0.0	32.6	6.7	10.1	12.2	56.1	9.5	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
172	R00Y_025_012dd	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	36.3	7.3	5.0	8.9	34.1	0.286	0.19	0.162	32.2	9.6	3.4	10.2	19.6	4.9	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
173	B50R_025_012dd	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	36.4	8.7	−1.1	8.8	352.3	0.275	0.19	0.274	33.8	11.6	−2.7	11.9	346.5	4.1	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
174	B25R_037_025dd	0.25	0.125	0.375	0.375	0.25	0.25	300	0.25	0.124	0.375	36.3	12.4	−6.8	14.1	331.3	0.266	0.149	0.356	35.6	13.6	−9.2	16.4	325.7	2.7	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
175	B15R_050_037dd	0.25	0.125	0.5	0.5	0.375	0.312	289	0.243	0.124	0.5	36.4	15.8	−12.2	20.0	322.3	0.259	0.117	0.426	37.4	16.3	−17.2	23.7	313.5	5.1	288	0.316	0.0	1.0	32.2	42.2	−32.5	53.3	322.3
176	B11R_062_050dd	0.25	0.125	0.625	0.625	0.5	0.375	284	0.241	0.125	0.625	36.7	18.8	−17.3	25.6	317.3	0.253	0.096	0.5	41.0	19.4	−22.7	29.9	310.5	6.9	282	0.233	0.0	1.0	30.9	37.6	−34.7	51.2	317.3
177	B09R_075_062dd	0.25	0.125	0.75	0.75	0.625	0.437	281	0.239	0.125	0.75	37.6	21.7	−23.0	31.6	313.3	0.225	0.068	0.593	41.1	23.1	−28.4	36.6	309.1	6.6	279	0.183	0.0	1.0	31.1	34.7	−36.8	50.6	313.3
178	B07R_087_075dd	0.25	0.125	0.875	0.875	0.75	0.5	279	0.237	0.125	0.875	38.5	24.5	−28.5	37.6	310.6	0.22	0.08	0.711	37.7	30.8	−34.9	46.6	311.4	9.0	278	0.15	0.0	1.0	31.2	32.6	−38.0	50.1	310.6
179	B06R_100_087dd	0.25	0.125	1.0	1.0	0.875	0.562	278	0.241	0.125	1.0	39.4	27.6	−33.8	43.7	309.3	0.253	0.147	0.853	35.6	31.0	−36.2	47.6	310.6	5.6	277	0.133	0.0	1.0	31.3	31.6	−38.6	49.9	309.3
180	Y00G_025_025dd	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	41.2	−3.5	21.0	21.3	99.5	0.291	0.314	0.009	35.8	−2.2	15.6	15.8	98.0	7.7	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
181	Y00G_025_012dd	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	41.8	−1.7	10.5	10.6	99.5	0.298	0.344	0.179	35.0	0.9	6.5	6.6	82.0	8.3	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
182	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	35.6	2.9	0.7	3.0	13.4	7.5	360	1.0	1.0	1.0	96.3	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	43.4	2.9	−5.2	6.0	299.0	0.308	0.325	0.44	37.8	4.4	−4.1	6.1	316.7	5.9	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
184	B00R_050_025dd	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	44.4	5.8	−10.5	12.0	299.0	0.311	0.299	0.514	41.3	5.3	−13.5	14.5	291.5	4.3	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
185	B00R_062_037dd	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	45.3	8.7	−15.7	18.0	299.0	0.297	0.268	0.589	45.1	7.8	−19.5	21.0	291.8	3.8	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
186	B00R_075_050dd	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	46.2	11.6	−21.0	24.0	299.0	0.287	0.249	0.677	46.9	10.9	−26.1	28.3	292.7	5.1	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
187	B00R_087_062dd	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	47.2	14.6	−26.3	30.1	299.0	0.297	0.26	0.775	43.9	19.1	−35.6	40.4	298.2	10.8	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
188	B00R_100_075dd	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	48.1	17.5	−31.5	36.1	299.0	0.33	0.305	0.857	39.3	21.9	−37.8	43.7	300.0	11.6	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
189	Y31G_037_037dd	0.25	0.375	0.0	0.375	0.375	0.187	109	0.256	0.375	0.0	47.2	−10.0	30.9	32.5	107.9	0.303	0.418	0.0	41.3	−8.4	22.4	23.9	110.6	10.4	108	0.683	1.0	0.0	84.9	−26.7	82.5	86.7	107.9
190	Y50G_037_025dd	0.25	0.375	0.125	0.375	0.25	0.25	120	0.25	0.375	0.124	45.9	−9.4	16.4	19.0	119.9	0.284	0.443	0.134	40.1	−6.1	12.8	14.2	115.4	7.6	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
191	G00B_037_012dd	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	46.3	−8.1	4.1	9.1	152.8	0.28	0.452	0.318	40.8	−4.1	5.3	6.7	127.8	6.8	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
192	G50B_037_012dd	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	46.1	−4.1	−4.9	6.4	229.6	0.289	0.418	0.451	41.2	−3.2	−1.3	3.5	202.2	6.1	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
193	G75B_050_025dd	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.375	0.5	47.9	−3.3	−12.1	12.5	254.6	0.277	0.406	0.552	44.3	−4.1	−10.8	11.5	249.0	3.8	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
194	G84B_062_037dd	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.368	0.625	47.8	−0.4	−18.1	18.1	268.4	0.241	0.343	0.619	49.2	−2.7	−17.3	17.5	261.1	2.7	251	0.0	0.316	1.0	38.9	−1.2	−48.3	48.3	268.4
195	G88B_075_050dd	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.366	0.75	48.1	2.5	−23.7	23.8	276.2	0.225	0.317	0.711	50.5	0.0	−24.0	24.0	269.7	3.6	257	0.0	0.233	1.0	35.8	5.1	−47.4	47.7	276.2
196	G90B_087_062dd	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.364	0.875	49.1	5.9	−28.9	29.4	281.5	0.255	0.339	0.802	50.4	4.4	−34.7	35.0	277.2	6.1	260	0.0	0.183	1.0	35.2	9.4	−46.2	47.1	281.5
197	G92B_100_075dd	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.362	1.0	50.1	9.1	−33.9	35.1	285.0	0.286	0.361	0.874	45.0	9.6	−38.9	40.1	283.8	7.2	262	0.0	0.15	1.0	34.8	12.1	−45.2	46.8	285.0
198	Y50G_050_050dd	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	49.4	−18.9	32.9	38.0	119.9	0.25	0.504	0.0	49.1	−17.6	29.7	34.5	120.7	3.5	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
199	Y68G_050_037dd	0.25	0.5	0.125	0.5	0.375	0.312	131	0.243	0.5	0.124	49.1	−18.2	19.9	27.0	132.4	0.244	0.529	0.112	47.5	−15.1	17.5	23.1	130.7	4.2	131	0.316	1.0	0.0	66.1	−48.6	53.1	72.0	132.4
200	G00B_050_025dd	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	50.1	−16.3	8.3	18.3	152.8	0.263	0.538	0.282	48.0	−14.6	8.5	17.0	149.7	2.6	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
201	G25B_050_025dd	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.375	50.6	−12.5	−1.0	12.5	184.6	0.28	0.531	0.417	47.6	−12.5	−0.7	12.5	183.2	2.9	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
202	G50B_050_025dd	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	49.6	−8.3	−9.8	12.8	229.6	0.273	0.479	0.525	49.6	−11.8	−9.3	15.0	218.3	3.5	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
203	G65B_062_037dd	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.506	0.625	52.5	−8.8	−17.9	20.0	243.5	0.253	0.516	0.653	51.7	−8.4	−16.6	18.6	242.9	1.5	228	0.0	0.683	1.0	51.3	−23.7	−47.7	53.3	243.5
204	G75B_075_050dd	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.5	0.75	53.3	−6.6	−24.2	25.1	254.6	0.249	0.497	0.759	53.4	−6.9	−23.5	24.5	253.4	0.7	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
205	G80B_087_062dd	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.489	0.875	53.2	−3.8	−30.2	30.4	262.6	0.248	0.475	0.848	54.1	−5.4	−31.0	31.5	260.1	1.9	247	0.0	0.383	1.0	41.7	−6.2	−48.3	48.7	262.6
206	G84B_100_075dd	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.487	1.0	53.2	−0.9	−36.2	36.2	268.4	0.315	0.543	0.975	47.2	0.1	−41.2	41.2	270.2	7.8	251	0.0	0.316	1.0	38.9	−1.2	−48.3	48.3	268.4
207	Y61G_062_062dd	0.25	0.625	0.0	0.625	0.625	0.312	127	0.239	0.625	0.0	52.8	−27.5	36.6	45.8	126.8	0.25	0.625	0.0	55.0	−28.0	36.5	46.0	127.4	2.3	127	0.383	1.0	0.0	69.7	−44.0	58.7	73.3	126.8
208	Y76G_062_050dd	0.25	0.625	0.125	0.625	0.5	0.375	136	0.241	0.625	0.125	52.2	−26.9	23.0	35.4	139.4	0.212	0.599	0.098	54.4	−25.6	24.1	35.2	136.7	2.8	137	0.233	1.0	0.0	61.9	−53.8	46.0	70.8	139.4
209	G00B_062_037dd	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	53.9	−24.4	12.5	27.5	152.8	0.25	0.631	0.271	53.7	−24.1	14.0	27.9	149.8	1.5	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
210	G15B_062_037dd	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.368	54.2	−21.5	3.5	21.8	170.7	0.267	0.63	0.388	52.9	−22.5	3.2	22.7	171.9	1.6	168	0.0	1.0	0.316	55.8	−57.5	9.4	58.2	170.7
211	G34B_062_037dd	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.506	54.8	−16.2	−5.8	17.3	199.9	0.281	0.614	0.51	53.8	−18.3	−7.2	19.6	201.4	2.6	191	0.0	1.0	0.683	57.5	−43.3	−15.7	46.1	199.9
212	G50B_062_037dd	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	53.2	−12.4	−14.7	19.3	229.6	0.254	0.562	0.612	54.9	−16.5	−14.4	21.9	221.0	4.3	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
213	G61B_075_050dd	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.633	0.75	56.5	−14.0	−22.9	26.9	238.6	0.241	0.642	0.762	55.9	−12.7	−22.3	25.7	240.2	1.5	222	0.0	0.766	1.0	52.6	−28.0	−45.9	53.8	238.6
214	G69B_087_062dd	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.635	0.875	58.4	−12.4	−30.4	32.8	247.7	0.264	0.664	0.894	56.8	−10.8	−29.7	31.6	249.9	2.3	232	0.0	0.616	1.0	50.0	−19.8	−48.6	52.5	247.7
215	G75B_100_075dd	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.625	1.0	58.7	−9.9	−36.3	37.6	254.6	0.318	0.66	0.987	55.0	−10.8	−40.2	41.7	254.8	5.5	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
216	Y68G_075_075dd	0.25	0.75	0.0	0.75	0.75	0.375	131	0.237	0.75	0.0	55.7	−36.5	39.8	54.0	132.4	0.216	0.663	0.0	60.0	−42.8	45.7	62.6	133.1	9.6	131	0.316	1.0	0.0	66.1	−48.6	53.1	72.0	132.4
217	Y81G_075_062dd	0.25	0.75	0.125	0.75	0.625	0.437	139	0.239	0.75	0.125	55.8	−35.2	26.6	44.2	142.9	0.205	0.7	0.102	58.2	−34.1	27.5	43.8	141.0	2.8	140	0.183	1.0	0.0	60.2	−56.4	42.6	70.7	142.9
218	G00B_075_050dd	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	57.7	−32.6	16.7	36.6	152.8	0.227	0.727	0.252	59.4	−32.6	18.6	37.5	150.2	2.5	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
219	G11B_075_050dd	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.366	57.8	−30.1	7.8	31.2	165.3	0.228	0.723	0.373	59.8	−30.0	9.9	31.6	161.6	2.8	162	0.0	1.0	0.233	55.3	−60.3	15.7	62.4	165.3
220	G25B_075_050dd	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.5	58.6	−25.0	−2.0	25.1	184.6	0.253	0.721	0.498	59.8	−27.0	−1.1	27.0	182.3	2.4	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
221	G38B_075_050dd	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.633	58.9	−20.3	−10.2	22.8	206.7	0.267	0.704	0.609	60.2	−22.9	−10.8	25.3	205.4	2.9	197	0.0	1.0	0.766	57.3	−40.7	−20.5	45.6	206.7
222	G50B_075_050dd	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	56.8	−16.6	−19.6	25.7	229.6	0.235	0.663	0.713	60.8	−19.4	−19.5	27.5	225.0	4.8	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
223	G59B_087_062dd	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.76	0.875	60.0	−18.4	−27.6	33.2	236.2	0.223	0.746	0.854	61.0	−16.8	−28.0	32.6	238.9	1.9	219	0.0	0.816	1.0	52.6	−29.5	−44.2	53.2	236.2
224	G65B_100_075dd	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.762	1.0	62.6	−17.7	−35.8	40.0	243.5	0.258	0.799	0.987	60.6	−16.9	−38.5	42.0	246.2	3.4	228	0.0	0.683	1.0	51.3	−23.7	−47.7	53.3	243.5
225	Y73G_087_087dd	0.25	0.875	0.0	0.875	0.875	0.437	134	0.233	0.875	0.0	58.5	−45.4	42.5	62.2	136.8	0.211	0.743	0.0	63.1	−52.0	48.5	71.1	136.9	10.0	135	0.266	1.0	0.0	63.3	−51.9	48.6	71.1	136.8
226	Y85G_087_075dd	0.25	0.875	0.125	0.875	0.75	0.5	141	0.237	0.875	0.125	59.4	−43.5	30.2	53.0	145.1	0.207	0.803	0.113	63.6	−47.8	34.8	59.2	143.9	7.5	142	0.15	1.0	0.0	59.0	−58.0	40.3	70.7	145.1
227	G00B_087_062dd	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	61.6	−40.7	20.9	45.8	152.8	0.23	0.822	0.259	64.2	−44.5	25.0	51.0	150.5	6.1	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
228	G09B_087_062dd	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.364	61.5	−38.7	12.0	40.5	162.6	0.215	0.813	0.365	65.9	−41.8	16.3	44.8	158.6	6.8	159	0.0	1.0	0.183	55.0	−61.9	19.3	64.9	162.6
229	G19B_087_062dd	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.489	62.3	−34.2	2.8	34.4	175.2	0.229	0.809	0.473	66.8	−37.5	4.2	37.7	173.6	5.6	172	0.0	1.0	0.383	56.2	−54.8	4.5	55.0	175.2
230	G30B_087_062dd	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.635	63.0	−28.4	−7.3	29.3	194.5	0.242	0.806	0.607	66.9	−32.4	−5.4	32.9	189.4	5.9	187	0.0	1.0	0.616	57.4	−45.5	−11.8	47.0	194.5
231	G40B_087_062dd	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.76	62.6	−24.7	−14.9	28.9	211.1	0.241	0.801	0.707	65.5	−27.4	−15.1	31.3	208.8	4.0	200	0.0	1.0	0.816	56.7	−39.5	−23.9	46.2	211.1
232	G50B_087_062dd	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	60.4	−20.8	−24.5	32.1	229.6	0.217	0.764	0.813	64.9	−23.4	−25.2	34.4	227.0	5.2	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
233	G57B_100_075dd	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	0.887	1.0	63.5	−22.8	−32.3	39.6	234.7	0.258	0.938	0.979	64.5	−19.0	−35.1	39.9	241.5	4.8	217	0.0	0.85	1.0	52.6	−30.4	−43.1	52.8	234.7
234	Y76G_100_100dd	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	61.9	−53.8	46.0	70.8	139.4	0.224	0.934	0.0	62.4	−52.9	47.0	70.8	138.3	1.5	137	0.233	1.0	0.0	61.9	−53.8	46.0	70.8	139.4
235	Y86G_100_087dd	0.25	1.0	0.125	1.0	0.875	0.562	142	0.241	1.0	0.125	63.2	−51.4	34.3	61.8	146.3	0.228	1.0	0.125	64.3	−49.0	36.4	61.1	143.3	3.3	142	0.133	1.0	0.0	58.5	−58.8	39.2	70.6	146.3
236	G00B_100_075dd	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	65.4	−48.9	25.1	55.0	152.8	0.238	0.874	0.25	62.3	−50.2	28.1	57.5	150.7	4.4	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
237	G07B_100_075dd	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.362	65.2	−47.1	16.3	49.9	160.8	0.25	1.0	0.375	62.5	−47.5	17.4	50.6	159.8	2.9	157	0.0	1.0	0.15	54.9	−62.8	21.8	66.5	160.8
238	G15B_100_075dd	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.487	65.9	−43.1	7.0	43.7	170.7	0.215	0.874	0.461	63.6	−42.3	5.7	42.7	172.2	2.8	168	0.0	1.0	0.316	55.8	−57.5	9.4	58.2	170.7
239	G25B_100_075dd	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.625	66.7	−37.6	−3.0	37.7	184.6	0.221	0.874	0.59	64.0	−36.3	−7.6	37.1	191.8	5.4	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
240	G34B_100_075dd	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.762	67.2	−32.5	−11.7	34.6	199.9	0.297	1.0	0.735	64.7	−32.1	−14.4	35.2	204.1	3.6	191	0.0	1.0	0.683	57.5	−43.3	−15.7	46.1	199.9
241	G42B_100_075dd	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.887	66.3	−28.9	−19.6	34.9	214.1	0.275	1.0	0.86	65.0	−28.2	−22.3	36.0	218.3	3.0	202	0.0	1.0	0.85	56.3	−38.6	−26.2	46.6	214.1
242	G50B_100_075dd	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	64.0	−24.9	−29.4	38.6	229.6	0.274	0.985	0.962	60.9	−25.9	−33.7	42.6	232.4	5.4	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6

Mean color difference of this page: delta 4.9

1-1032131-F0 RE650-7N, Page 22/33-F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, Δ*E'**

input: *rgb/cmyk* −> rgb_{dd}
output: 3D-linearization to $cmy0^*_{dd}$

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.DAT in file (F), page 23/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
243	R00Y_037_037dd	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	33.0	22.1	15.0	26.8	34.1	0.351	0.0	0.0	35.5	24.1	11.2	26.6	24.9	4.9	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
244	R18Y_037_037dd	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.118	32.6	22.2	9.5	24.2	23.2	0.334	0.0	0.0	35.2	27.4	4.0	27.7	8.4	7.9	371	1.0	0.0	0.316	46.0	59.4	25.5	64.7	23.2
245	B65R_037_037dd	0.375	0.0	0.25	0.375	0.375	0.187	349	0.375	0.0	0.256	32.6	24.6	1.1	24.6	2.7	0.321	0.0	0.131	34.8	30.4	−2.0	30.4	356.1	6.9	348	1.0	0.0	0.683	46.2	65.6	3.1	65.7	2.7
246	B50R_037_037dd	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	33.2	26.2	−3.5	26.4	352.3	0.316	0.0	0.234	35.2	33.7	−7.9	34.6	346.7	8.9	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
247	B38R_050_050dd	0.375	0.0	0.5	0.5	0.5	0.25	316	0.383	0.0	0.5	33.3	30.3	−9.0	31.6	343.3	0.325	0.0	0.376	36.2	35.1	−12.8	37.3	339.9	6.7	317	0.766	0.0	1.0	42.1	60.6	−18.1	63.3	343.3
248	B30R_062_062dd	0.375	0.0	0.625	0.625	0.625	0.312	307	0.385	0.0	0.625	33.4	34.0	−14.2	36.8	337.2	0.375	0.0	0.5	36.2	38.8	−18.6	43.1	334.3	7.1	307	0.616	0.0	1.0	38.7	54.4	−22.8	59.0	337.2
249	B25R_075_075dd	0.375	0.0	0.75	0.75	0.75	0.375	300	0.375	0.0	0.75	33.0	37.3	−20.4	42.5	331.3	0.375	0.0	0.625	35.6	45.3	−24.9	51.7	331.1	9.5	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
250	B20R_087_087dd	0.375	0.0	0.875	0.875	0.875	0.437	295	0.364	0.0	0.875	33.0	41.0	−26.1	48.6	327.5	0.3	0.0	0.702	34.2	46.3	−28.9	54.6	328.0	6.1	294	0.416	0.0	1.0	34.2	46.9	−29.8	55.6	327.5
251	B18R_100_100dd	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	33.2	45.0	−31.2	54.8	325.1	0.368	0.0	1.0	33.4	45.4	−31.0	55.0	325.6	0.5	291	0.366	0.0	1.0	33.2	45.0	−31.2	54.8	325.1
252	R31Y_037_037dd	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.118	0.0	39.3	12.0	24.8	27.6	64.1	0.376	0.125	0.0	40.7	13.3	17.6	22.0	52.9	7.4	48	1.0	0.316	0.0	64.0	32.1	66.3	73.7	64.1
253	R00Y_037_025dd	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	39.1	14.7	10.0	17.8	34.1	0.357	0.116	0.096	40.8	15.2	9.5	18.0	31.9	1.8	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
254	R00Y_037_025dd	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.25	38.9	15.3	3.5	15.7	13.0	0.347	0.13	0.203	40.2	18.2	1.5	18.3	4.7	3.8	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
255	B50R_037_025dd	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	39.3	17.4	−2.3	17.6	352.3	0.354	0.138	0.319	39.4	20.8	−4.9	21.4	346.6	4.2	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
256	B34R_050_037dd	0.375	0.125	0.5	0.5	0.375	0.312	311	0.381	0.124	0.5	39.4	21.4	−7.7	22.8	340.0	0.362	0.121	0.416	41.2	24.0	−11.9	26.8	333.6	5.1	311	0.683	0.0	1.0	40.3	57.2	−20.7	60.9	340.0
257	B25R_062_050dd	0.375	0.125	0.625	0.625	0.5	0.375	300	0.375	0.125	0.625	39.1	24.9	−13.6	28.3	331.3	0.344	0.093	0.504	41.9	26.3	−17.2	31.4	326.8	4.7	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
258	B19R_075_062dd	0.375	0.125	0.75	0.75	0.625	0.437	293	0.364	0.125	0.75	39.2	28.6	−19.2	34.4	326.0	0.334	0.075	0.616	42.9	29.2	−23.1	37.3	321.6	5.4	292	0.383	0.0	1.0	33.6	45.7	−30.8	55.1	326.0
259	B15R_087_075dd	0.375	0.125	0.875	0.875	0.75	0.5	289	0.362	0.125	0.875	39.3	31.7	−24.4	40.0	322.3	0.327	0.076	0.718	39.1	38.4	−31.8	49.8	320.3	9.9	288	0.316	0.0	1.0	32.2	42.2	−32.5	53.3	322.3
260	B13R_100_087dd	0.375	0.125	1.0	1.0	0.875	0.562	286	0.358	0.125	1.0	39.3	34.6	−29.4	45.4	319.5	0.344	0.109	0.827	37.6	37.1	−32.8	49.6	318.5	4.5	284	0.266	0.0	1.0	31.2	39.5	−33.6	51.9	319.5
261	R68Y_037_037dd	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.256	0.0	45.0	1.8	29.5	29.6	86.4	0.376	0.258	0.0	44.5	3.6	24.4	24.7	81.4	5.4	71	1.0	0.683	0.0	79.1	4.8	78.8	78.9	86.4
262	R50Y_037_025dd	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.25	0.124	45.4	4.1	18.4	18.8	77.2	0.384	0.282	0.093	43.9	6.8	13.9	15.5	63.9	5.3	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
263	R00Y_037_012dd	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	45.3	7.3	5.0	8.9	34.1	0.398	0.294	0.307	42.9	8.9	5.6	10.6	32.3	2.9	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
264	B50R_037_012dd	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	45.4	8.7	−1.1	8.8	352.3	0.389	0.293	0.407	44.5	10.4	−0.7	10.5	355.6	1.9	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
265	B25R_050_025dd	0.375	0.25	0.5	0.5	0.25	0.375	300	0.375	0.249	0.5	45.3	12.4	−6.8	14.1	331.3	0.394	0.265	0.491	44.4	12.8	−8.5	15.4	326.3	1.9	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
266	B15R_062_037dd	0.375	0.25	0.625	0.625	0.375	0.437	289	0.368	0.25	0.625	45.4	15.8	−12.2	20.0	322.3	0.38	0.24	0.568	46.6	16.2	−15.0	22.2	317.1	3.1	288	0.316	0.0	1.0	32.2	42.2	−32.5	53.3	322.3
267	B11R_075_050dd	0.375	0.25	0.75	0.75	0.5	0.5	284	0.366	0.25	0.75	45.7	18.8	−17.3	25.6	317.3	0.368	0.219	0.652	48.3	18.4	−21.3	28.2	310.9	4.7	282	0.233	0.0	1.0	30.9	37.6	−34.7	51.2	317.3
268	B09R_087_062dd	0.375	0.25	0.875	0.875	0.625	0.562	281	0.364	0.25	0.875	46.6	21.7	−23.0	31.6	313.3	0.37	0.219	0.761	45.7	27.0	−32.0	41.9	310.1	10.5	279	0.183	0.0	1.0	31.1	34.7	−36.8	50.6	313.3
269	B07R_100_075dd	0.375	0.25	1.0	1.0	0.75	0.625	279	0.362	0.25	1.0	47.5	24.5	−28.5	37.6	310.6	0.393	0.265	0.842	42.1	27.4	−34.2	43.9	308.7	8.3	278	0.15	0.0	1.0	31.2	32.6	−38.0	50.1	310.6
270	Y00G_037_037dd	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	49.5	−5.3	31.6	32.0	99.5	0.369	0.387	0.0	49.4	−4.2	30.0	30.3	97.9	1.9	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
271	Y00G_037_025dd	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	50.1	−3.5	21.0	21.3	99.5	0.388	0.414	0.13	47.8	−1.9	19.3	19.4	95.7	3.3	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
272	Y00G_037_012dd	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	50.8	−1.7	10.5	10.6	99.5	0.407	0.444	0.302	46.8	−0.1	10.8	10.8	90.9	4.3	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
273	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	45.3	1.8	2.1	2.8	48.6	6.7	360	1.0	1.0	1.0	96.3	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	52.4	2.9	−5.2	6.0	299.0	0.42	0.45	0.552	47.8	4.6	−4.9	6.8	313.1	4.9	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
275	B00R_062_025dd	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	53.3	5.8	−10.5	12.0	299.0	0.425	0.432	0.628	50.8	6.4	−13.1	14.6	296.0	3.6	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
276	B00R_075_037dd	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	54.3	8.7	−15.7	18.0	299.0	0.426	0.409	0.72	52.7	8.8	−20.1	21.9	293.8	4.6	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
277	B00R_087_050dd	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	55.2	11.6	−21.0	24.0	299.0	0.439	0.414	0.799	52.2	15.0	−31.4	34.8	295.5	11.2	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
278	B00R_100_062dd	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	56.2	14.6	−26.3	30.1	299.0	0.454	0.424	0.872	47.8	17.0	−34.7	38.7	296.1	12.1	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
279	Y23G_050_050dd	0.375	0.5	0.0	0.5	0.5	0.25	104	0.383	0.5	0.0	57.2	−10.6	44.9	46.2	103.3	0.442	0.535	0.0	53.9	−10.7	36.4	37.9	106.4	9.1	102	0.766	1.0	0.0	89.9	−21.3	89.9	92.4	103.3
280	Y31G_050_037dd	0.375	0.5	0.125	0.5	0.375	0.312	109	0.381	0.5	0.124	56.2	−10.0	30.9	32.5	107.9	0.409	0.527	0.089	54.0	−9.0	24.0	25.7	110.6	7.2	108	0.683	1.0	0.0	84.9	−26.7	82.5	86.7	107.9
281	Y50G_050_025dd	0.375	0.5	0.25	0.5	0.25	0.375	120	0.375	0.5	0.249	54.9	−9.4	16.4	19.0	119.9	0.387	0.537	0.249	52.8	−7.2	14.4	16.1	116.5	3.6	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
282	G00B_050_012dd	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	55.3	−8.1	4.1	9.1	152.8	0.374	0.553	0.428	52.6	−4.5	6.1	7.6	126.7	4.8	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
283	G50B_050_012dd	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	55.0	−4.1	−4.9	6.4	229.6	0.391	0.536	0.557	52.3	−2.6	−2.1	3.4	218.9	4.1	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
284	G75B_062_025dd	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.5	0.625	56.9	−3.3	−12.1	12.5	254.6	0.398	0.548	0.664	54.1	−1.6	−11.7	11.8	262.1	3.2	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
285	G84B_075_037dd	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.493	0.75	56.8	−0.4	−18.1	18.1	268.4	0.391	0.512	0.749	56.1	−0.7	−18.9	18.9	267.6	1.1	251	0.0	0.316	1.0	38.9	−1.2	−48.3	48.3	268.4
286	G88B_087_050dd	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.491	0.875	57.1	2.5	−23.7	23.8	276.2	0.395	0.501	0.826	56.9	2.7	−28.0	28.1	275.5	4.2	257	0.0	0.233	1.0	35.8	5.1	−47.4	47.7	276.2
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	5.9	−28.9	29.4	281.5	0.444	0.529	0.946	53.2	6.9	−34.7	35.4	281.2	7.7	260	0.0	0.183	1.0	35.2	9.4	−46.2	47.1	281.5
288	Y38G_062_062dd	0.375	0.625	0.0	0.625	0.625	0.312	113	0.385	0.625	0.0	59.6	−19.2	47.2	51.0	112.1	0.392	0.631	0.0	58.8	−19.2	44.1	48.1	113.5	3.2	112	0.616	1.0	0.0	80.6	−30.8	75.6	81.6	112.1
289	Y50G_062_050dd	0.375	0.625	0.125	0.625	0.5	0.375	120	0.375	0.625	0.125	58.4	−18.9	32.9	38.0	119.9	0.355	0.616	0.089	59.8	−17.6	30.6	35.3	119.9	3.1	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
290	Y68G_062_037dd	0.375	0.625	0.25	0.625	0.375	0.437	131	0.368	0.625	0.25	58.1	−18.2	19.9	27.0	132.4	0.352	0.623	0.23	58.9	−16.6	19.0	25.2	131.0	2.0	131	0.316	1.0	0.0	66.1	−48.6	53.1	72.0	132.4
291	G00B_062_025dd	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	59.1	−16.3	8.3	18.3	152.8	0.361	0.638	0.396	59.1	−14.6	10.2	17.8	145.0	2.5	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
292	G25B_062_025dd	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.5	59.5	−12.5	−1.0	12.5	184.6	0.376	0.63	0.531	59.3	−12.4	1.1	12.4	174.5	2.2	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
293	G50B_062_025dd	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	58.6	−8.3	−9.8	12.8	229.6	0.389	0.606	0.642	58.9	−10.7	−8.7	13.8	219.2	2.6	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
294	G65B_075_037dd	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.631	0.75	61.5	−8.8	−17.9	20.0	243.5	0.391	0.647	0.77	60.0	−8.3	−17.7	19.6	244.8	1.5	228	0.0	0.683	1.0	51.3	−23.7	−47.7	53.3	243.5
295	G75B_087_050dd	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.625	0.875	62.3	−6.6	−24.2	25.1	254.6	0.406	0.645	0.873	60.5	−6.8	−25.6	26.5	255.1	2.3	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
296	G80B_100_062dd	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.614	1.0	62.1	−3.8	−30.2	30.4	262.6	0.437	0.647	0.97	57.8	−4.9	−36.2	36.5	262.2	7.5	247	0.0	0.383	1.0	41.7	−6.2	−48.3	48.7	262.6
297	Y50G_075_075dd	0.375	0.75	0.0	0.75	0.75	0.375	120	0.375	0.75	0.0	61.9	−28.4	49.4	57.0	119.9	0.361	0.71	0.005	63.8	−30.8	54.4	62.5	119.5	5.7	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
298	Y61G_075_062dd	0.375	0.75	0.125	0.75	0.625	0.437	127	0.364	0.75	0.125	61.7	−27.5	36.6	45.8	126.8	0.34	0.711	0.09	65.6	−27.0	35.6	44.7	127.1	4.0	127	0.383	1.0	0.0	69.7	−44.0	58.7	73.3	126.8
299	Y76G_075_050dd	0.375	0.75	0.25	0.75	0.5	0.5	136	0.366	0.75	0.25	61.1	−26.9	23.0	35.4	139.4	0.322	0.717	0.222	65.2	−26.1	24.2	35.6	137.1	4.3	137	0.233	1.0	0.0	61.9	−53.8	46.0	70.8	139.4
300	G00B_075_037dd	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	62.9	−24.4	12.5	27.5	152.8	0.349	0.735	0.373	64.5	−24.1	13.4	27.6	150.8	1.9	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
301	G15B_075_037dd	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.493	63.2	−21.5	3.5	21.8	170.7	0.347	0.73	0.498	65.4	−21.6	5.4	22.3	165.7	2.9	168	0.0	1.0	0.316	55.8	−57.5	9.4	58.2	170.7
302	G34B_075_037dd	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.631	63.8	−16.2	−5.8	17.3	199.9	0.383	0.719	0.632	65.0	−18.6	−4.5	19.2	193.7	2.9	191	0.0	1.0	0.683	57.5	−43.3	−15.7	46.1	199.9
303	G50B_075_037dd	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	62.2	−12.4	−14.7	19.3	229.6	0.374	0.681	0.727	65.2	−16.3	−14.4	21.8	221.4	4.8	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
304	G61B_087_050dd	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.758	0.875	65.5	−14.0	−22.9	26.9	238.6	0.388	0.745	0.86	65.2	−14.6	−24.5	28.5	239.2	1.6	222	0.0	0.766	1.0	52.6	−28.0	−45.9	53.8	238.6
305	G69B_100_062dd	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.76	1.0	67.3	−12.4	−30.4	32.8	247.7	0.411	0.761	0.985	66.1	−13.3	−32.8	35.4	247.8	2.8	232	0.0	0.616	1.0	50.0	−19.8	−48.6	52.5	247.7
306	Y58G_087_087dd	0.375	0.875	0.0	0.875	0.875	0.437	125	0.364	0.875	0.0	65.2	−37.1	53.2	64.8	124.8	0.35	0.805	0.008	68.9	−40.0	58.8	71.1	124.2	7.3	125	0.416	1.0	0.0	71.0	−42.4	60.8	74.1	124.8
307	Y68G_087_075dd	0.375	0.875	0.125	0.875	0.75	0.5	131	0.362	0.875	0.125	64.7	−36.5	39.8	54.0	132.4	0.323	0.809	0.092	70.5	−35.7	41.2	54.5	130.9	5.9	131	0.316	1.0	0.0	66.1	−48.6	53.1	72.0	132.4
308	Y81G_087_062dd	0.375	0.875	0.25	0.875	0.625	0.562	139	0.364	0.875	0.25	64.7	−35.2	26.6	44.2	142.9	0.313	0.814	0.222	70.1	−35.2	28.5	45.3	141.0	5.6	140	0.183	1.0	0.0	60.2	−56.4	42.6	70.7	142.9
309	G00B_087_050dd	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	66.7	−32.6	16.7	36.6	152.8	0.335	0.828	0.365	70.4	−33.4	18.7	38.3	150.6	4.2	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
310	G11B_087_050dd	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.491	66.8	−30.1	7.8	31.2	165.3	0.329	0.823	0.471	71.1	−30.9	9.0	32.1	163.7	4.5	162	0.0	1.0	0.233	55.3	−60.3	15.7	62.4	165.3
311	G25B_087_050dd	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.625	67.6	−25.0	−2.0	25.1	184.6	0.35	0.82	0.609	71.2	−27.4	0.0	27.4	179.8	4.8	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
312	G38B_087_050dd	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.758	67.8	−20.3	−10.2	22.8	206.7	0.377	0.809	0.719	70.5	−23.2	−11.0	25.7	205.4	3.9	197	0.0	1.0	0.766	57.3	−40.7	−20.5	45.6	206.7
313	G50B_087_050dd	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	65.8	−16.6	−19.6	25.7	229.6	0.368	0.769	0.816	70.7	−20.9	−21.4	30.0	225.7	6.7	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
314	G59B_100_062dd	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	0.885	1.0	69.0	−18.4	−27.6	33.2	236.2	0.354	0.86	0.946	70.5	−16.7	−30.4	34.7	241.1	3.5	219	0.0	0.816	1.0	52.6	−29.5	−44.2	53.2	236.2
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	−45.0	57.4	73.0	128.0	0.367	1.0	0.0	69.4	−44.4	58.1	73.1	127.3	1.0	128	0.366	1.0	0.0	68.9	−45.0	57.4	73.0	128.0
316	Y73G_100_087dd	0.375	1.0	0.125	1.0	0.875	0.562	134	0.358	1.0	0.125	67.5	−45.4	42.5	62.2	136.8	0.324	1.0	0.133	69.7	−43.0	48.1	64.5	131.7	6.5	135	0.266	1.0	0.0	63.3	−51.9	48.6	71.1	136.8
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	−43.5	30.2	53.0	145.1	0.334	1.0	0.25	71.2	−38.6	31.9	50.0	140.4	5.9	142	0.15	1.0	0.0	59.0	−58.0	40.3	70.7	145.1
318	G00B_100_062dd	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	70.5	−40.7	20.9	45.8	152.8	0.373	1.0	0.376	70.8	−37.6	23.2	44.2	148.3	3.8	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
319	G09B_100_062dd	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.489	70.5	−38.7	12.0	40.5	162.6	0.353	1.0	0.501	71.5	−34.3	14.2	37.1	157.4	4.9	159	0.0	1.0	0.183	55.0	−61.9	19.3	64.9	162.6
320	G19B_100_062dd	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.614	71.3	−34.2	2.8	34.4	175.2	0.36	1.0	0.615	72.0	−30.2	1.7	30.3	176.6	4.2	172	0.0	1.0	0.383	56.2	−54.8	4.5	55.0	175.2
321	G30B_100_062dd	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.76	72.0	−28.4	−7.3	29.3	194.5	0.374	1.0	0.717	71.7	−26.4	−10.6	28.5	201.8	3.8	187	0.0	1.0	0.616	57.4	−45.5	−11.8	47.0	194.5
322	G40B_100_062dd	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.885	71.6	−24.7	−14.9	28.9	211.1	0.374	0.997	0.833	71.6	−23.8	−16.8	29.2	215.2	2.0	200	0.0	1.0	0.816	56.7	−39.5	−23.9	46.2	211.1
323	G50B_100_062dd	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	69.4	−20.8	−24.5	32.1	229.6	0.348	0.898	0.915	70.4	−20.0	−27.4	34.0	233.8	3.1	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6

Mean color difference of this page: delta 4.8

1−1032231−F0

RE650−7N, Page 23/33−F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, Δ*E'**

input: *rgb/cmyk* −> *rgb*dd
output: 3D-linearization to *cmy0**dd

1−1032231−F0

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.DAT in file (F), page 24/33

n	HIC^*_{Fdd}	rgb_{Fdd}			ict_{Fdd}			$h_{si\_F,dd}$	rgb^*_{Fdd}			$LabCh^*_{Fdd}$				
324	R00Y_050_050dd	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	35.8	29.5	20.0	35.7	34.1
325	R26Y_050_050dd	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.116	35.4	29.4	15.2	33.1	27.3
326	R00Y_050_050dd	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.25	35.3	30.7	7.1	31.5	13.0
327	B61R_050_050dd	0.5	0.0	0.375	0.5	0.5	0.25	344	0.5	0.0	0.383	35.4	33.6	−0.9	33.6	358.3
328	B50R_050_050dd	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	36.1	34.9	−4.7	35.3	352.3
329	B40R_062_062dd	0.5	0.0	0.625	0.625	0.625	0.312	319	0.51	0.0	0.625	36.1	39.0	−10.4	40.4	345.0
330	B34R_075_075dd	0.5	0.0	0.75	0.75	0.75	0.375	311	0.512	0.0	0.75	36.4	42.9	−15.5	45.6	340.0
331	B29R_087_087dd	0.5	0.0	0.875	0.875	0.875	0.437	305	0.51	0.0	0.875	36.2	46.5	−21.1	51.0	335.5
332	B25R_100_100dd	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
333	R23Y_050_050dd	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.116	0.0	42.1	20.1	30.9	36.9	56.9
334	R00Y_050_037dd	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	41.9	22.1	15.0	26.8	34.1
335	R18Y_050_037dd	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.243	41.6	22.2	9.5	24.2	23.2
336	B65R_050_037dd	0.5	0.125	0.375	0.5	0.375	0.312	349	0.5	0.124	0.381	41.6	24.6	1.1	24.6	2.7
337	B50R_050_037dd	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	42.2	26.2	−3.5	26.4	352.3
338	B38R_062_050dd	0.5	0.125	0.625	0.625	0.5	0.375	316	0.508	0.125	0.625	42.3	30.3	−9.0	31.6	343.3
339	B30R_075_062dd	0.5	0.125	0.75	0.75	0.625	0.437	307	0.51	0.125	0.75	42.4	34.0	−14.2	36.8	337.2
340	B25R_087_075dd	0.5	0.125	0.875	0.875	0.75	0.5	300	0.5	0.125	0.875	41.9	37.3	−20.4	42.5	331.3
341	B20R_100_087dd	0.5	0.125	1.0	1.0	0.875	0.562	295	0.489	0.125	1.0	42.0	41.0	−26.1	48.6	327.5
342	R50Y_050_050dd	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	48.3	8.3	36.8	37.7	77.2
343	R31Y_050_037dd	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.243	0.124	48.3	12.0	24.8	27.6	64.1
344	R00Y_050_025dd	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	48.1	14.7	10.0	17.8	34.1
345	R00Y_050_025dd	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.375	47.8	15.3	3.5	15.7	13.0
346	B50R_050_025dd	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	48.2	17.4	−2.3	17.6	352.3
347	B34R_062_037dd	0.5	0.25	0.625	0.625	0.375	0.437	311	0.506	0.25	0.625	48.4	21.4	−7.7	22.8	340.0
348	B25R_075_050dd	0.5	0.25	0.75	0.75	0.5	0.5	300	0.5	0.25	0.75	48.1	24.9	−13.6	28.3	331.3
349	B19R_087_062dd	0.5	0.25	0.875	0.875	0.625	0.562	293	0.489	0.25	0.875	48.1	28.6	−19.2	34.4	326.0
350	B15R_100_075dd	0.5	0.25	1.0	1.0	0.75	0.625	289	0.487	0.25	1.0	48.2	31.7	−24.4	40.0	322.3
351	R76Y_050_050dd	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.383	0.0	53.8	−0.8	39.5	39.5	91.2
352	R68Y_050_037dd	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.381	0.124	54.0	1.8	29.5	29.6	86.4
353	R50Y_050_025dd	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.375	0.249	54.4	4.1	18.4	18.8	77.2
354	R00Y_050_012dd	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	54.3	7.3	5.0	8.9	34.1
355	B50R_050_012dd	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	54.3	8.7	−1.1	8.8	352.3
356	B25R_062_025dd	0.5	0.375	0.625	0.625	0.25	0.5	300	0.5	0.375	0.625	54.3	12.4	−6.8	14.1	331.3
357	B15R_075_037dd	0.5	0.375	0.75	0.75	0.375	0.562	289	0.493	0.375	0.75	54.3	15.8	−12.2	20.0	322.3
358	B11R_087_050dd	0.5	0.375	0.875	0.875	0.5	0.625	284	0.491	0.375	0.875	54.6	18.8	−17.3	25.6	317.3
359	B09R_100_062dd	0.5	0.375	1.0	1.0	0.625	0.687	281	0.489	0.375	1.0	55.6	21.7	−23.0	31.6	313.3
360	Y00G_050_050dd	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	57.8	−7.1	42.1	42.7	99.5
361	Y00G_050_037dd	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	58.5	−5.3	31.6	32.0	99.5
362	Y00G_050_025dd	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	59.1	−3.5	21.0	21.3	99.5
363	Y00G_050_012dd	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	59.8	−1.7	10.5	10.6	99.5
364	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	60.4	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	61.4	2.9	−5.2	6.0	299.0
366	B00R_075_025dd	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	62.3	5.8	−10.5	12.0	299.0
367	B00R_087_037dd	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	63.2	8.7	−15.7	18.0	299.0
368	B00R_100_050dd	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	64.2	11.6	−21.0	24.0	299.0
369	Y18G_062_062dd	0.5	0.625	0.0	0.625	0.625	0.312	101	0.51	0.625	0.0	66.2	−12.2	57.0	58.3	102.1
370	Y23G_062_050dd	0.5	0.625	0.125	0.625	0.5	0.375	104	0.508	0.625	0.125	66.2	−10.6	44.9	46.2	103.3
371	Y31G_062_037dd	0.5	0.625	0.25	0.625	0.375	0.437	109	0.506	0.625	0.25	65.1	−10.0	30.9	32.5	107.9
372	Y50G_062_025dd	0.5	0.625	0.375	0.625	0.25	0.5	120	0.5	0.625	0.375	63.9	−9.4	16.4	19.0	119.9
373	G00B_062_012dd	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	64.2	−8.1	4.1	9.1	152.8
374	G50B_062_012dd	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	64.0	−4.1	−4.9	6.4	229.6
375	G75B_075_025dd	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.625	0.75	65.8	−3.3	−12.1	12.5	254.6
376	G84B_087_037dd	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.618	0.875	65.8	−0.4	−18.1	18.1	268.4
377	G88B_100_050dd	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.616	1.0	66.1	2.5	−23.7	23.8	276.2
378	Y31G_075_075dd	0.5	0.75	0.0	0.75	0.75	0.375	109	0.512	0.75	0.0	69.8	−20.0	61.9	65.0	107.9
379	Y38G_075_062dd	0.5	0.75	0.125	0.75	0.625	0.437	113	0.51	0.75	0.125	68.5	−19.2	47.2	51.0	112.1
380	Y50G_075_050dd	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	67.4	−18.9	32.9	38.0	119.9
381	Y68G_075_037dd	0.5	0.75	0.375	0.75	0.375	0.562	131	0.493	0.75	0.375	67.0	−18.2	19.9	27.0	132.4
382	G00B_075_025dd	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	68.1	−16.3	8.3	18.3	152.8
383	G25B_075_025dd	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.625	68.5	−12.5	−1.0	12.5	184.6
384	G50B_075_025dd	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	67.6	−8.3	−9.8	12.8	229.6
385	G65B_087_037dd	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.756	0.875	70.5	−8.8	−17.9	20.0	243.5
386	G75B_100_050dd	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.75	1.0	71.3	−6.6	−24.2	25.1	254.6
387	Y41G_087_087dd	0.5	0.875	0.0	0.875	0.875	0.437	115	0.51	0.875	0.0	72.0	−28.9	63.8	70.0	114.3
388	Y50G_087_075dd	0.5	0.875	0.125	0.875	0.75	0.5	120	0.5	0.875	0.125	70.8	−28.4	49.4	57.0	119.9
389	Y61G_087_062dd	0.5	0.875	0.25	0.875	0.625	0.562	127	0.489	0.875	0.25	70.7	−27.5	36.6	45.8	126.8
390	Y76G_087_050dd	0.5	0.875	0.375	0.875	0.5	0.625	136	0.491	0.875	0.375	70.1	−26.9	23.0	35.4	139.4
391	G00B_087_037dd	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	71.9	−24.4	12.5	27.5	152.8
392	G15B_087_037dd	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.618	72.1	−21.5	3.5	21.8	170.7
393	G34B_087_037dd	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.756	72.8	−16.2	−5.8	17.3	199.9
394	G50B_087_037dd	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	71.2	−12.4	−14.7	19.3	229.6
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	−14.0	−22.9	26.9	238.6
396	Y50G_100_100dd	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
397	Y58G_100_087dd	0.5	1.0	0.125	1.0	0.875	0.562	125	0.489	1.0	0.125	74.2	−37.1	53.2	64.8	124.8
398	Y68G_100_075dd	0.5	1.0	0.25	1.0	0.75	0.625	131	0.487	1.0	0.25	73.7	−36.5	39.8	54.0	132.4
399	Y81G_100_062dd	0.5	1.0	0.375	1.0	0.625	0.687	139	0.489	1.0	0.375	73.7	−35.2	26.6	44.2	142.9
400	G00B_100_050dd	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	75.7	−32.6	16.7	36.6	152.8
401	G11B_100_050dd	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.616	75.8	−30.1	7.8	31.2	165.3
402	G25B_100_050dd	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.75	76.6	−25.0	−2.0	25.1	184.6
403	G38B_100_050dd	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.883	76.8	−20.3	−10.2	22.8	206.7
404	G50B_100_050dd	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	74.8	−16.6	−19.6	25.7	229.6

n	rgb'^*_{Fdd}			$LabCh'^*_{Fdd}$					DE'^*_{Fdd}	$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
324	0.5	0.0	0.0	37.8	31.7	18.5	36.7	30.3	3.3	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
325	0.435	0.0	0.0	37.5	34.4	11.5	36.3	18.5	6.5	377	1.0	0.0	0.233	46.4	58.8	30.4	66.2	27.3
326	0.416	0.0	0.125	36.7	37.2	3.1	37.3	4.8	7.7	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
327	0.423	0.0	0.268	36.9	39.3	−2.3	39.4	356.5	6.0	342	1.0	0.0	0.766	46.4	67.3	−1.8	67.3	358.3
328	0.426	0.005	0.357	37.0	42.5	−8.7	43.3	348.4	8.5	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
329	0.434	0.0	0.501	37.7	45.6	−13.9	47.7	343.0	7.6	320	0.816	0.0	1.0	43.1	62.4	−16.6	64.6	345.0
330	0.44	0.0	0.623	37.7	49.7	−19.7	53.5	338.3	8.1	311	0.683	0.0	1.0	40.3	57.2	−20.7	60.9	340.0
331	0.431	0.0	0.714	36.6	51.3	−24.6	56.9	334.3	5.9	305	0.583	0.0	1.0	37.9	53.1	−24.1	58.3	335.5
332	0.501	0.0	0.999	35.8	49.8	−27.2	56.7	331.3	0.0	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
333	0.502	0.125	0.0	43.8	19.4	23.6	30.6	50.6	7.4	42	1.0	0.233	0.0	59.7	40.2	61.8	73.8	56.9
334	0.473	0.101	0.097	43.8	21.7	15.4	26.6	35.4	1.9	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
335	0.458	0.109	0.177	42.8	24.3	7.7	25.5	17.6	3.0	371	1.0	0.0	0.316	46.0	59.4	25.5	64.7	23.2
336	0.464	0.119	0.331	42.8	26.5	0.3	26.5	0.8	2.3	348	1.0	0.0	0.683	46.2	65.6	3.1	65.7	2.7
337	0.468	0.125	0.423	43.2	29.7	−6.0	30.3	348.5	4.4	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
338	0.47	0.113	0.528	43.9	33.9	−12.6	36.2	339.5	5.3	317	0.766	0.0	1.0	42.1	60.6	−18.1	63.3	343.3
339	0.468	0.104	0.627	45.0	36.3	−17.6	40.4	334.0	4.8	307	0.616	0.0	1.0	38.7	54.4	−22.8	59.0	337.2
340	0.447	0.089	0.744	42.8	43.7	−25.8	50.8	329.4	8.4	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
341	0.464	0.121	0.852	39.5	42.5	−29.3	51.6	325.3	4.3	294	0.416	0.0	1.0	34.2	46.9	−29.8	55.6	327.5
342	0.501	0.25	0.0	48.7	9.7	30.2	31.7	72.1	6.7	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
343	0.506	0.234	0.068	48.9	11.1	21.4	24.1	62.6	3.5	48	1.0	0.316	0.0	64.0	32.1	66.3	73.7	64.1
344	0.522	0.25	0.283	47.5	13.0	10.8	16.9	39.5	1.9	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
345	0.51	0.262	0.39	47.1	15.3	3.8	15.8	13.9	0.7	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
346	0.508	0.265	0.488	47.5	18.4	−3.7	18.8	348.5	1.8	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
347	0.503	0.25	0.577	48.9	23.1	−10.3	25.3	335.8	3.1	311	0.683	0.0	1.0	40.3	57.2	−20.7	60.9	340.0
348	0.482	0.229	0.668	50.0	26.0	−16.3	30.7	327.9	3.5	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
349	0.478	0.218	0.769	49.2	33.7	−26.7	43.0	321.6	9.1	292	0.383	0.0	1.0	33.6	45.7	−30.8	55.1	326.0
350	0.483	0.235	0.837	44.4	33.3	−30.2	45.0	317.8	7.1	288	0.316	0.0	1.0	32.2	42.2	−32.5	53.3	322.3
351	0.501	0.409	0.0	53.0	1.8	37.1	37.1	87.0	3.7	77	1.0	0.766	0.0	83.1	−1.7	79.1	79.1	91.2
352	0.504	0.394	0.093	53.4	3.0	25.7	25.9	83.1	4.0	71	1.0	0.683	0.0	79.1	4.8	78.8	78.9	86.4
353	0.524	0.41	0.243	52.3	5.6	14.9	15.9	69.4	4.2	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
354	0.533	0.42	0.452	51.5	7.1	6.4	9.6	41.8	3.1	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
355	0.517	0.427	0.544	52.5	10.4	−0.5	10.4	357.1	2.6	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
356	0.505	0.398	0.618	53.8	13.8	−7.5	15.7	331.5	1.6	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
357	0.5	0.365	0.705	55.3	15.6	−14.2	21.1	317.5	2.3	288	0.316	0.0	1.0	32.2	42.2	−32.5	53.3	322.3
358	0.503	0.359	0.782	55.4	21.8	−25.1	33.3	310.9	8.4	282	0.233	0.0	1.0	30.9	37.6	−34.7	51.2	317.3
359	0.513	0.374	0.855	52.1	21.2	−29.8	36.5	305.4	7.6	279	0.183	0.0	1.0	31.1	34.7	−36.8	50.6	313.3
360	0.487	0.516	0.009	57.6	−5.8	42.8	43.2	97.7	1.4	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
361	0.501	0.521	0.134	57.8	−4.3	31.2	31.5	97.8	1.2	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
362	0.527	0.545	0.291	56.4	−2.0	20.5	20.6	95.7	3.1	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
363	0.542	0.57	0.455	55.1	−0.7	10.6	10.7	93.8	4.7	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
364	0.533	0.596	0.601	54.3	1.4	3.0	3.3	64.4	6.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
365	0.546	0.581	0.674	56.2	5.7	−5.7	8.1	314.9	5.9	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
366	0.55	0.56	0.748	59.6	7.2	−12.3	14.3	300.4	3.6	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
367	0.559	0.549	0.823	60.8	10.0	−22.9	25.0	293.6	7.6	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
368	0.586	0.549	0.924	57.6	11.5	−29.1	31.4	291.6	10.4	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
369	0.558	0.66	0.009	62.9	−12.8	50.8	52.4	104.1	7.0	99	0.816	1.0	0.0	91.3	−19.6	91.2	93.3	102.1
370	0.561	0.647	0.101	62.9	−11.7	38.4	40.2	106.9	7.3	102	0.766	1.0	0.0	89.9	−21.3	89.9	92.4	103.3
371	0.55	0.649	0.251	61.7	−10.3	27.1	29.0	110.8	5.0	108	0.683	1.0	0.0	84.9	−26.7	82.5	86.7	107.9
372	0.52	0.656	0.409	61.5	−8.7	17.1	19.2	116.9	2.5	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
373	0.508	0.678	0.568	60.3	−5.6	7.6	9.5	126.5	5.7	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
374	0.519	0.657	0.678	60.4	−2.6	−1.8	3.2	215.5	4.9	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
375	0.524	0.665	0.773	63.1	−2.2	−12.6	12.8	259.8	2.9	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
376	0.525	0.644	0.853	64.5	−0.1	−20.7	20.7	269.4	2.9	251	0.0	0.316	1.0	38.9	−1.2	−48.3	48.3	268.4
377	0.547	0.634	0.954	63.3	1.5	−29.1	29.1	273.0	6.1	257	0.0	0.233	1.0	35.8	5.1	−47.4	47.7	276.2
378	0.521	0.764	0.02	68.4	−20.3	63.1	66.3	107.8	1.9	108	0.683	1.0	0.0	84.9	−26.7	82.5	86.7	107.9
379	0.49	0.741	0.094	69.6	−18.3	43.6	47.3	112.8	3.8	112	0.616	1.0	0.0	80.6	−30.8	75.6	81.6	112.1
380	0.475	0.73	0.221	69.1	−18.6	33.2	38.1	119.3	1.7	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
381	0.469	0.73	0.361	69.3	−17.8	21.0	27.6	130.1	2.5	131	0.316	1.0	0.0	66.1	−48.6	53.1	72.0	132.4
382	0.475	0.749	0.52	68.7	−15.2	10.9	18.7	144.2	2.8	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
383	0.499	0.744	0.649	68.8	−13.3	1.4	13.3	173.7	2.6	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
384	0.505	0.714	0.746	69.2	−10.8	−9.3	14.3	220.9	2.9	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
385	0.522	0.764	0.868	69.1	−8.7	−19.8	21.7	246.2	2.4	228	0.0	0.683	1.0	51.3	−23.7	−47.7	53.3	243.5
386	0.551	0.755	0.976	68.9	−7.9	−28.6	29.6	254.5	5.1	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
387	0.488	0.854	0.015	72.9	−29.5	67.6	73.8	113.5	3.9	114	0.583	1.0	0.0	78.8	−33.0	72.9	80.1	114.3
388	0.449	0.829	0.089	75.3	−27.2	50.4	57.2	118.3	4.6	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
389	0.443	0.825	0.195	74.6	−26.4	35.5	44.3	126.6	4.2	127	0.383	1.0	0.0	69.7	−44.0	58.7	73.3	126.8
390	0.434	0.824	0.337	74.6	−25.7	24.9	35.8	135.9	5.0	137	0.233	1.0	0.0	61.9	−53.8	46.0	70.8	139.4
391	0.452	0.838	0.488	75.5	−24.2	14.8	28.4	148.4	4.3	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
392	0.459	0.834	0.609	76.0	−22.5	5.9	23.3	165.1	4.7	168	0.0	1.0	0.316	55.8	−57.5	9.4	58.2	170.7
393	0.497	0.82	0.732	75.8	−19.5	−5.5	20.2	195.7	4.4	191	0.0	1.0	0.683	57.5	−43.3	−15.7	46.1	199.9
394	0.498	0.79	0.825	75.6	−16.8	−16.4	23.5	224.3	6.4	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
395	0.508	0.863	0.96	74.2	−13.9	−26.1	29.5	241.9	3.1	222	0.0	0.766	1.0	52.6	−28.0	−45.9	53.8	238.6
396	0.501	0.999	0.0	74.3	−37.9	65.9	76.1	119.9	0.0	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
397	0.474	0.992	0.142	75.4	−36.4	57.8	68.4	122.1	4.8	125	0.416	1.0	0.0	71.0	−42.4	60.8	74.1	124.8
398	0.461	0.998	0.243	74.9	−35.4	42.4	55.3	129.8	3.0	131	0.316	1.0	0.0	66.1	−48.6	53.1	72.0	132.4
399	0.439	1.0	0.369	76.4	−31.3	27.8	41.9	138.4	4.8	140	0.183	1.0	0.0	60.2	−56.4	42.6	70.7	142.9
400	0.438	1.0	0.501	77.7	−27.7	17.8	32.9	147.2	5.4	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
401	0.439	1.0	0.616	77.9	−25.8	9.4	27.5	159.9	5.0	162	0.0	1.0	0.233	55.3	−60.3	15.7	62.4	165.3
402	0.47	1.0	0.715	77.5	−22.2	−4.5	22.6	191.5	3.9	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
403	0.504	0.982	0.828	76.5	−20.1	−13.2	24.1	213.3	3.0	197	0.0	1.0	0.766	57.3	−40.7	−20.5	45.6	206.7
404	0.488	0.885	0.912	75.6	−16.4	−23.6	28.8	235.0	4.0	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
	Mean color difference of this page:						delta		4.4									

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TUB-test chart RE65; 1080 standard colours, cf=1
colors and differences, $\Delta E'^*$

input: $rgb/cmyk$ −> rgb_{dd}
output: 3D-linearization to $cmy0^*_{dd}$

TUB registration: 20150701-RE65/RE65L0FP.PDF /.PS
application for measurement of laser printer output, separation cmy0* (CMY0)
TUB material: code=rha4ta

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd				
405	R00Y_062_062dd	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	38.6	36.9	25.1	44.7	34.1
406	R31Y_062_062dd	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.114	38.3	36.7	20.6	42.1	29.2
407	R11Y_062_062dd	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.239	37.8	37.4	13.4	39.8	19.7
408	B69R_062_062dd	0.625	0.0	0.375	0.625	0.625	0.312	353	0.625	0.0	0.385	38.0	40.1	4.5	40.3	6.4
409	B59R_062_062dd	0.625	0.0	0.5	0.625	0.625	0.312	341	0.625	0.0	0.51	38.3	42.8	−2.7	42.9	356.2
410	B50R_062_062dd	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	39.0	43.7	−5.8	44.1	352.3
411	B42R_075_075dd	0.625	0.0	0.75	0.75	0.75	0.375	321	0.637	0.0	0.75	38.9	47.7	−11.7	49.1	346.1
412	B36R_087_087dd	0.625	0.0	0.875	0.875	0.875	0.437	314	0.641	0.0	0.875	39.3	51.9	−16.8	54.5	342.0
413	B31R_100_100dd	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	39.1	55.1	−22.2	59.4	338.0
414	R18Y_062_062dd	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.114	0.0	44.6	29.0	36.8	46.9	51.6
415	R00Y_062_050dd	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	44.7	29.5	20.0	35.7	34.1
416	R26Y_062_050dd	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.241	44.4	29.4	15.2	33.1	27.3
417	R00Y_062_050dd	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.375	44.2	30.7	7.1	31.5	13.0
418	B61R_062_050dd	0.625	0.125	0.5	0.625	0.5	0.375	344	0.625	0.125	0.508	44.4	33.6	−0.9	33.6	358.3
419	B50R_062_050dd	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	45.0	34.9	−4.7	35.3	352.3
420	B40R_075_062dd	0.625	0.125	0.75	0.75	0.625	0.437	319	0.635	0.125	0.75	45.1	39.0	−10.4	40.4	345.0
421	B34R_087_075dd	0.625	0.125	0.875	0.875	0.75	0.5	311	0.637	0.125	0.875	45.3	42.9	−15.5	45.6	340.0
422	B29R_100_087dd	0.625	0.125	1.0	1.0	0.875	0.562	305	0.635	0.125	1.0	45.2	46.5	−21.1	51.0	335.5
423	R38Y_062_062dd	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.239	0.0	51.2	16.2	43.3	46.3	69.4
424	R23Y_062_050dd	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.241	0.125	51.1	20.1	30.9	36.9	56.9
425	R00Y_062_037dd	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	50.9	22.1	15.0	26.8	34.1
426	R18Y_062_037dd	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.368	50.5	22.2	9.5	24.2	23.2
427	B65R_062_037dd	0.625	0.25	0.5	0.625	0.375	0.437	349	0.625	0.25	0.506	50.6	24.6	1.1	24.6	2.7
428	B50R_062_037dd	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	51.1	26.2	−3.5	26.4	352.3
429	B38R_075_050dd	0.625	0.25	0.75	0.75	0.5	0.5	316	0.633	0.25	0.75	51.3	30.3	−9.0	31.6	343.3
430	B30R_087_062dd	0.625	0.25	0.875	0.875	0.625	0.562	307	0.635	0.25	0.875	51.4	34.0	−14.2	36.8	337.2
431	B25R_100_075dd	0.625	0.25	1.0	1.0	0.75	0.625	300	0.625	0.25	1.0	50.9	37.3	−20.4	42.5	331.3
432	R61Y_062_062dd	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.385	0.0	56.6	6.4	48.4	48.8	82.4
433	R50Y_062_050dd	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.375	0.125	57.3	8.3	36.8	37.7	77.2
434	R31Y_062_037dd	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.368	0.25	57.3	12.0	24.8	27.6	64.1
435	R00Y_062_025dd	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	57.1	14.7	10.0	17.8	34.1
436	R00Y_062_025dd	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.5	56.8	15.3	3.5	15.7	13.0
437	B50R_062_025dd	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	57.2	17.4	−2.3	17.6	352.3
438	B34R_075_037dd	0.625	0.375	0.75	0.75	0.375	0.562	311	0.631	0.375	0.75	57.4	21.4	−7.7	22.8	340.0
439	B25R_087_050dd	0.625	0.375	0.875	0.875	0.5	0.625	300	0.625	0.375	0.875	57.1	24.9	−13.6	28.3	331.3
440	B19R_100_062dd	0.625	0.375	1.0	1.0	0.625	0.687	293	0.614	0.375	1.0	57.1	28.6	−19.2	34.4	326.0
441	R81Y_062_062dd	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.51	0.0	62.2	−2.6	48.3	48.4	93.1
442	R76Y_062_050dd	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.508	0.125	62.8	−0.8	39.5	39.5	91.2
443	R68Y_062_037dd	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.506	0.25	62.9	1.8	29.5	29.6	86.4
444	R50Y_062_025dd	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.5	0.375	63.3	4.1	18.4	18.8	77.2
445	R00Y_062_012dd	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	63.2	7.3	5.0	8.9	34.1
446	B50R_062_012dd	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	63.3	8.7	−1.1	8.8	352.3
447	B25R_075_025dd	0.625	0.5	0.75	0.75	0.25	0.625	300	0.625	0.5	0.75	63.2	12.4	−6.8	14.1	331.3
448	B15R_087_037dd	0.625	0.5	0.875	0.875	0.375	0.687	289	0.618	0.5	0.875	63.3	15.8	−12.2	20.0	322.3
449	B11R_100_050dd	0.625	0.5	1.0	1.0	0.5	0.75	284	0.616	0.5	1.0	63.6	18.8	−17.3	25.6	317.3
450	Y00G_062_062dd	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	66.1	−8.9	52.6	53.4	99.5
451	Y00G_062_050dd	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	66.8	−7.1	42.1	42.7	99.5
452	Y00G_062_037dd	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	67.4	−5.3	31.6	32.0	99.5
453	Y00G_062_025dd	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	68.1	−3.5	21.0	21.3	99.5
454	Y00G_062_012dd	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	68.7	−1.7	10.5	10.6	99.5
455	NW_062dd	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	69.4	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	70.3	2.9	−5.2	6.0	299.0
457	B00R_087_025dd	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	71.3	5.8	−10.5	12.0	299.0
458	B00R_100_037dd	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	72.2	8.7	−15.7	18.0	299.0
459	Y15G_075_075dd	0.625	0.75	0.0	0.75	0.75	0.375	99	0.637	0.75	0.0	75.3	−13.8	69.0	70.4	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	75.2	−12.2	57.0	58.3	102.1
461	Y23G_075_050dd	0.625	0.75	0.25	0.75	0.5	0.5	104	0.633	0.75	0.25	75.1	−10.6	44.9	46.2	103.3
462	Y31G_075_037dd	0.625	0.75	0.375	0.75	0.375	0.562	109	0.631	0.75	0.375	74.1	−10.0	30.9	32.5	107.9
463	Y50G_075_025dd	0.625	0.75	0.5	0.75	0.25	0.625	120	0.625	0.75	0.5	72.9	−9.4	16.4	19.0	119.9
464	G00B_075_012dd	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	73.2	−8.1	4.1	9.1	152.8
465	G50B_075_012dd	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	73.0	−4.1	−4.9	6.4	229.6
466	G75B_087_025dd	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.75	0.875	74.8	−3.3	−12.1	12.5	254.6
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	−0.4	−18.1	18.1	268.4
468	Y26G_087_087dd	0.625	0.875	0.0	0.875	0.875	0.437	106	0.641	0.875	0.0	80.3	−20.3	76.8	79.4	104.8
469	Y31G_087_075dd	0.625	0.875	0.125	0.875	0.75	0.5	109	0.637	0.875	0.125	78.8	−20.0	61.9	65.0	107.9
470	Y38G_087_062dd	0.625	0.875	0.25	0.875	0.625	0.562	113	0.635	0.875	0.25	77.5	−19.2	47.2	51.0	112.1
471	Y50G_087_050dd	0.625	0.875	0.375	0.875	0.5	0.625	120	0.625	0.875	0.375	76.3	−18.9	32.9	38.0	119.9
472	Y68G_087_037dd	0.625	0.875	0.5	0.875	0.375	0.687	131	0.618	0.875	0.5	76.0	−18.2	19.9	27.0	132.4
473	G00B_087_025dd	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	77.0	−16.3	8.3	18.3	152.8
474	G25B_087_025dd	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.75	77.5	−12.5	−1.0	12.5	184.6
475	G50B_087_025dd	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	76.6	−8.3	−9.8	12.8	229.6
476	G65B_100_037dd	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	0.881	1.0	79.4	−8.8	−17.9	20.0	243.5
477	Y36G_100_100dd	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	81.6	−29.7	77.2	82.7	111.0
478	Y41G_100_087dd	0.625	1.0	0.125	1.0	0.875	0.562	115	0.635	1.0	0.125	81.0	−28.9	63.8	70.0	114.3
479	Y50G_100_075dd	0.625	1.0	0.25	1.0	0.75	0.625	120	0.625	1.0	0.25	79.8	−28.4	49.4	57.0	119.9
480	Y61G_100_062dd	0.625	1.0	0.375	1.0	0.625	0.687	127	0.614	1.0	0.375	79.7	−27.5	36.6	45.8	126.8
481	Y76G_100_050dd	0.625	1.0	0.5	1.0	0.5	0.75	136	0.616	1.0	0.5	79.1	−26.9	23.0	35.4	139.4
482	G00B_100_037dd	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	80.8	−24.4	12.5	27.5	152.8
483	G15B_100_037dd	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.743	81.1	−21.5	3.5	21.8	170.7
484	G34B_100_037dd	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.881	81.7	−16.2	−5.8	17.3	199.9
485	G50B_100_037dd	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	80.1	−12.4	−14.7	19.3	229.6

n	rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
405	0.568	0.0	0.0	39.1	42.1	26.8	49.9	32.5	5.4	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
406	0.554	0.0	0.026	38.6	43.9	19.8	48.2	24.2	7.2	380	1.0	0.0	0.183	46.5	58.8	33.0	67.4	29.2
407	0.539	0.0	0.134	38.6	43.8	11.5	45.3	14.7	6.7	367	1.0	0.0	0.383	45.8	59.9	21.5	63.7	19.7
408	0.556	0.008	0.3	38.5	45.6	3.5	45.7	4.4	5.5	352	1.0	0.0	0.616	46.1	64.2	7.2	64.6	6.4
409	0.562	0.012	0.444	38.5	48.3	−3.4	48.4	355.8	5.5	339	1.0	0.0	0.816	46.6	68.5	−4.4	68.6	356.2
410	0.565	0.022	0.512	39.2	53.1	−9.5	53.9	349.8	10.0	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
411	0.555	0.011	0.621	39.6	55.9	−14.7	57.8	345.2	8.7	322	0.85	0.0	1.0	43.7	63.6	−15.6	65.5	346.1
412	0.567	0.01	0.746	39.4	56.2	−19.5	59.5	340.7	5.0	315	0.733	0.0	1.0	41.4	59.3	−19.2	62.3	342.0
413	0.633	0.0	1.0	39.0	54.7	−22.4	59.1	337.6	0.4	308	0.633	0.0	1.0	39.1	55.1	−22.2	59.4	338.0
414	0.644	0.125	0.0	45.5	26.9	29.4	39.9	47.5	7.7	39	1.0	0.183	0.0	56.6	46.5	58.9	75.0	51.6
415	0.602	0.108	0.129	46.2	28.6	21.7	35.9	37.1	2.3	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
416	0.59	0.113	0.198	45.5	30.6	13.7	33.6	24.1	2.2	377	1.0	0.0	0.233	46.4	58.8	30.4	66.2	27.3
417	0.594	0.125	0.336	44.3	33.0	6.0	33.6	10.3	2.5	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
418	0.589	0.128	0.477	44.8	36.5	−0.9	36.5	358.5	2.8	342	1.0	0.0	0.766	46.4	67.3	−1.8	67.3	358.3
419	0.587	0.136	0.548	45.3	40.3	−6.9	40.9	350.1	5.7	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
420	0.582	0.125	0.655	46.4	44.2	−13.3	46.1	343.2	6.0	320	0.816	0.0	1.0	43.1	62.4	−16.6	64.6	345.0
421	0.582	0.116	0.761	45.5	48.7	−19.9	52.7	337.7	7.2	311	0.683	0.0	1.0	40.3	57.2	−20.7	60.9	340.0
422	0.59	0.132	0.867	42.5	47.7	−24.9	53.8	332.4	4.7	305	0.583	0.0	1.0	37.9	53.1	−24.1	58.3	335.5
423	0.625	0.25	0.0	52.0	16.4	38.7	42.0	66.9	4.7	52	1.0	0.383	0.0	67.2	26.0	69.3	74.1	69.4
424	0.639	0.223	0.075	52.2	17.2	26.1	31.3	56.6	5.6	42	1.0	0.233	0.0	59.7	40.2	61.8	73.8	56.9
425	0.633	0.232	0.286	52.0	19.3	17.6	26.2	42.2	3.9	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
426	0.623	0.241	0.359	50.9	21.8	8.5	23.4	21.4	1.1	371	1.0	0.0	0.316	46.0	59.4	25.5	64.7	23.2
427	0.618	0.244	0.492	51.1	24.4	0.9	24.4	2.2	0.5	348	1.0	0.0	0.683	46.2	65.6	3.1	65.7	2.7
428	0.605	0.255	0.576	51.6	29.4	−5.3	29.9	349.7	3.7	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
429	0.601	0.24	0.678	53.2	31.8	−11.5	33.8	340.0	3.4	317	0.766	0.0	1.0	42.1	60.6	−18.1	63.3	343.3
430	0.603	0.228	0.773	52.5	36.6	−19.5	41.5	331.9	6.0	307	0.616	0.0	1.0	38.7	54.4	−22.8	59.0	337.2
431	0.598	0.233	0.865	47.9	38.8	−25.7	46.6	326.4	6.3	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
432	0.623	0.392	0.0	56.4	8.3	45.6	46.4	79.6	3.3	67	1.0	0.616	0.0	75.8	10.2	77.4	78.1	82.4
433	0.625	0.377	0.087	57.6	8.2	32.7	33.7	75.8	4.0	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
434	0.654	0.359	0.226	56.8	9.7	21.7	23.8	65.9	3.9	48	1.0	0.316	0.0	64.0	32.1	66.3	73.7	64.1
435	0.652	0.373	0.443	56.2	11.5	13.1	17.5	48.8	4.5	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
436	0.626	0.381	0.519	56.6	14.9	4.3	15.6	16.2	0.9	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
437	0.624	0.398	0.614	56.5	19.1	−3.6	19.4	349.3	2.1	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
438	0.623	0.378	0.712	57.6	22.6	−9.5	24.5	337.0	2.1	311	0.683	0.0	1.0	40.3	57.2	−20.7	60.9	340.0
439	0.613	0.363	0.795	58.1	27.5	−18.8	33.3	325.6	5.9	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
440	0.616	0.357	0.874	54.6	28.5	−25.0	37.9	318.8	6.2	292	0.383	0.0	1.0	33.6	45.7	−30.8	55.1	326.0
441	0.604	0.531	0.036	61.2	−0.3	52.6	52.6	90.3	4.9	80	1.0	0.816	0.0	84.8	−4.1	77.3	77.4	93.1
442	0.615	0.523	0.111	62.3	0.9	37.0	37.0	88.5	3.1	77	1.0	0.766	0.0	83.1	−1.7	79.1	79.1	91.2
443	0.638	0.517	0.241	61.9	2.3	27.1	27.2	85.1	2.6	71	1.0	0.683	0.0	79.1	4.8	78.8	78.9	86.4
444	0.661	0.54	0.411	60.9	4.3	17.3	17.8	75.8	2.6	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
445	0.658	0.56	0.592	60.0	7.2	8.3	11.0	48.7	4.5	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
446	0.641	0.564	0.666	60.5	11.2	−0.2	11.2	358.9	3.9	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
447	0.635	0.539	0.737	62.1	14.9	−8.6	17.2	329.9	3.2	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
448	0.629	0.51	0.803	64.0	17.9	−17.7	25.2	315.2	5.9	288	0.316	0.0	1.0	32.2	42.2	−32.5	53.3	322.3
449	0.629	0.492	0.871	62.2	17.9	−23.6	29.6	307.2	6.4	282	0.233	0.0	1.0	30.9	37.6	−34.7	51.2	317.3
450	0.593	0.631	0.04	66.4	−7.5	58.7	59.2	97.3	6.2	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
451	0.609	0.622	0.132	67.4	−6.6	43.2	43.7	98.7	1.3	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
452	0.633	0.639	0.288	66.5	−5.4	33.4	33.9	99.2	2.0	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
453	0.649	0.661	0.436	65.7	−3.1	22.2	22.4	98.1	2.6	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
454	0.657	0.686	0.581	64.9	−0.6	11.7	11.7	93.3	4.1	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
455	0.643	0.697	0.709	64.0	2.4	1.9	3.1	37.5	6.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
456	0.669	0.696	0.786	65.8	6.1	−6.4	8.9	313.6	5.7	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
457	0.687	0.685	0.858	68.6	7.6	−15.7	17.4	295.9	6.1	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
458	0.696	0.661	0.948	68.9	7.7	−22.3	23.6	289.2	7.3	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
459	0.654	0.778	0.035	72.1	−13.3	71.0	72.2	100.6	3.7	97	0.85	1.0	0.0	92.2	−18.4	92.1	93.9	101.3
460	0.668	0.763	0.109	73.5	−12.8	51.1	52.7	104.1	6.1	99	0.816	1.0	0.0	91.3	−19.6	91.2	93.3	102.1
461	0.686	0.758	0.239	73.1	−12.5	40.5	42.4	107.2	5.2	102	0.766	1.0	0.0	89.9	−21.3	89.9	92.4	103.3
462	0.671	0.763	0.401	72.2	−11.2	29.3	31.4	110.9	2.7	108	0.683	1.0	0.0	84.9	−26.7	82.5	86.7	107.9
463	0.632	0.769	0.541	71.4	−8.9	18.3	20.3	116.0	2.4	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
464	0.614	0.775	0.679	71.6	−6.9	8.2	10.7	130.1	4.4	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
465	0.634	0.761	0.789	72.0	−4.3	−1.9	4.7	203.8	3.1	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
466	0.651	0.777	0.881	72.6	−3.1	−13.4	13.8	256.6	2.6	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
467	0.659	0.737	0.969	74.1	−3.7	−22.2	22.5	260.5	5.2	251	0.0	0.316	1.0	38.9	−1.2	−48.3	48.3	268.4
468	0.645	0.88	0.021	79.0	−20.9	78.6	81.3	104.9	2.3	104	0.733	1.0	0.0	88.3	−23.2	87.7	90.7	104.8
469	0.617	0.863	0.1	79.8	−20.1	59.1	62.5	108.8	2.9	108	0.683	1.0	0.0	84.9	−26.7	82.5	86.7	107.9
470	0.607	0.852	0.21	78.8	−19.2	44.7	48.6	113.2	2.8	112	0.616	1.0	0.0	80.6	−30.8	75.6	81.6	112.1
471	0.596	0.845	0.349	78.6	−19.2	33.3	38.5	119.9	2.2	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
472	0.583	0.844	0.498	78.9	−18.6	23.7	30.2	128.1	4.8	131	0.316	1.0	0.0	66.1	−48.6	53.1	72.0	132.4
473	0.583	0.856	0.644	79.1	−15.9	13.3	20.7	139.9	5.4	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
474	0.601	0.853	0.76	79.3	−12.9	2.1	13.1	170.4	3.6	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
475	0.621	0.825	0.848	79.3	−10.8	−11.6	15.9	227.1	4.1	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
476	0.636	0.851	0.977	80.1	−10.5	−19.6	22.2	241.8	2.4	228	0.0	0.683	1.0	51.3	−23.7	−47.7	53.3	243.5
477	0.631	1.0	0.0	81.0	−30.2	76.3	82.0	111.6	1.1	111	0.633	1.0	0.0	81.6	−29.7	77.2	82.7	111.0
478	0.596	0.984	0.138	83.1	−28.1	68.9	74.4	112.1	5.6	114	0.583	1.0	0.0	78.8	−33.0	72.9	80.1	114.3
479	0.592	0.979	0.256	82.1	−28.0	54.7	61.5	117.1	5.7	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
480	0.595	0.982	0.382	81.0	−27.9	41.4	50.0	124.0	4.9	127	0.383	1.0	0.0	69.7	−44.0	58.7	73.3	126.8
481	0.546	0.995	0.477	82.4	−23.8	25.6	35.0	132.8	5.2	137	0.233	1.0	0.0	61.9	−53.8	46.0	70.8	139.4
482	0.549	1.0	0.623	83.7	−20.5	16.5	26.3	141.1	6.2	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
483	0.559	1.0	0.717	83.8	−17.5	4.7	18.1	164.8	4.9	168	0.0	1.0	0.316	55.8	−57.5	9.4	58.2	170.7
484	0.602	0.996	0.844	82.6	−14.8	−7.6	16.7	207.3	2.4	191	0.0	1.0	0.683	57.5	−43.3	−15.7	46.1	199.9
485	0.609	0.928	0.933	81.5	−12.1	−17.5	21.3	235.1	3.0	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6

Mean color difference of this page: **delta** **4.3**

1-1032431-F0

RE650−7N, Page 25/33−F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{dd}
output: 3D-linearization to $cmy0^*_{dd}$

1-1032431-F0

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.DAT in file (F), page 26/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
486	R00Y_075_075dd	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	41.4	44.3	30.1	53.6	34.1	0.687	0.02	0.023	41.6	51.1	34.6	61.7	34.1	8.1	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
487	R35Y_075_075dd	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.112	41.1	44.1	26.0	51.2	30.5	0.681	0.021	0.083	40.6	50.7	26.7	57.3	27.7	6.7	382	1.0	0.0	0.15	46.6	58.8	34.7	68.3	30.5
488	R18Y_075_075dd	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.237	40.7	44.5	19.1	48.5	23.2	0.68	0.022	0.189	39.8	51.6	18.6	54.9	19.8	7.1	371	1.0	0.0	0.316	46.0	59.4	25.5	64.7	23.2
489	R00Y_075_075dd	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.375	40.6	46.1	10.7	47.3	13.0	0.693	0.028	0.333	39.1	53.1	10.1	54.1	10.7	7.2	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
490	B65R_075_075dd	0.75	0.0	0.5	0.75	0.75	0.375	349	0.75	0.0	0.512	40.8	49.2	2.3	49.3	2.7	0.711	0.031	0.476	39.1	54.9	1.0	54.9	1.0	6.1	348	1.0	0.0	0.683	46.2	65.6	3.1	65.7	2.7
491	B57R_075_075dd	0.75	0.0	0.625	0.75	0.75	0.375	339	0.75	0.0	0.637	41.2	51.9	−4.6	52.1	354.8	0.704	0.036	0.603	39.3	58.4	−5.3	58.6	354.7	6.8	337	1.0	0.0	0.85	46.8	69.2	−6.2	69.5	354.8
492	B50R_075_075dd	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	41.8	52.4	−7.0	52.9	352.3	0.704	0.045	0.653	40.3	61.3	−11.1	62.3	349.7	9.8	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
493	B43R_087_087dd	0.75	0.0	0.875	0.875	0.875	0.437	322	0.758	0.0	0.875	41.6	56.2	−13.2	57.7	346.7	0.691	0.029	0.767	41.2	60.5	−16.6	62.8	344.6	5.5	322	0.866	0.0	1.0	44.0	64.2	−15.1	66.0	346.7
494	B38R_100_100dd	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	42.1	60.6	−18.1	63.3	343.3	0.765	0.0	1.0	41.8	60.0	−18.6	62.8	342.7	0.8	317	0.766	0.0	1.0	42.1	60.6	−18.1	63.3	343.3
495	R15Y_075_075dd	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.112	0.0	47.0	37.9	42.4	56.9	48.1	0.749	0.095	0.0	49.2	35.2	41.3	54.3	49.5	3.5	37	1.0	0.15	0.0	54.6	50.6	56.5	75.9	48.1
496	R00Y_075_062dd	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	47.5	36.9	25.1	44.7	34.1	0.745	0.111	0.184	48.7	35.0	29.2	45.6	39.8	4.7	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
497	R31Y_075_062dd	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.239	47.2	36.7	20.6	42.1	29.2	0.736	0.113	0.248	48.3	35.8	21.4	41.7	30.9	1.6	380	1.0	0.0	0.183	46.5	58.8	33.0	67.4	29.2
498	R11Y_075_062dd	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.364	46.8	37.4	13.4	39.8	19.7	0.729	0.121	0.351	47.3	38.2	12.9	40.4	18.7	1.0	367	1.0	0.0	0.383	45.8	59.9	21.5	63.7	19.7
499	B69R_075_062dd	0.75	0.125	0.5	0.75	0.625	0.437	353	0.75	0.125	0.51	47.0	40.1	4.5	40.3	6.4	0.73	0.133	0.513	46.9	41.2	6.0	41.6	8.3	1.8	352	1.0	0.0	0.616	46.1	64.2	7.2	64.6	6.4
500	B59R_075_062dd	0.75	0.125	0.625	0.75	0.625	0.437	341	0.75	0.125	0.635	47.3	42.8	−2.7	42.9	356.2	0.734	0.144	0.64	46.3	44.4	−1.3	44.5	358.2	2.4	339	1.0	0.0	0.816	46.6	68.5	−4.4	68.6	356.2
501	B50R_075_062dd	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	47.9	43.7	−5.8	44.1	352.3	0.729	0.153	0.687	46.7	50.1	−9.7	51.0	348.9	7.5	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
502	B42R_087_075dd	0.75	0.125	0.875	0.875	0.75	0.5	321	0.762	0.125	0.875	47.9	47.7	−11.7	49.1	346.1	0.73	0.148	0.789	47.0	52.1	−15.0	54.2	343.9	5.5	322	0.85	0.0	1.0	43.7	63.6	−15.6	65.5	346.1
503	B36R_100_087dd	0.75	0.125	1.0	1.0	0.875	0.562	314	0.766	0.125	1.0	48.3	51.9	−16.8	54.5	342.0	0.768	0.142	0.926	46.9	52.4	−20.4	56.2	338.7	3.8	315	0.733	0.0	1.0	41.4	59.3	−19.2	62.3	342.0
504	R31Y_075_075dd	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.237	0.0	54.1	24.1	49.7	55.3	64.1	0.721	0.25	0.0	55.1	25.3	51.4	57.3	63.7	2.3	48	1.0	0.316	0.0	64.0	32.1	66.3	73.7	64.1
505	R18Y_075_062dd	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.239	0.125	53.6	29.0	36.8	46.9	51.6	0.775	0.208	0.107	54.9	22.8	33.1	40.2	55.5	7.3	39	1.0	0.183	0.0	56.6	46.5	58.9	75.0	51.6
506	R00Y_075_050dd	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	53.7	29.5	20.0	35.7	34.1	0.77	0.224	0.332	54.8	25.0	24.5	35.0	44.4	6.4	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
507	R26Y_075_050dd	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.366	53.4	29.4	15.2	33.1	27.3	0.758	0.23	0.398	54.3	26.5	16.4	31.2	31.7	3.2	377	1.0	0.0	0.233	46.4	58.8	30.4	66.2	27.3
508	R00Y_075_050dd	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.5	53.2	30.7	7.1	31.5	13.0	0.749	0.238	0.527	54.0	28.7	9.1	30.1	17.7	2.9	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
509	B61R_075_050dd	0.75	0.25	0.625	0.75	0.5	0.5	344	0.75	0.25	0.633	53.4	33.6	−0.9	33.6	358.3	0.753	0.247	0.651	53.5	31.9	0.6	31.9	1.1	2.2	342	1.0	0.0	0.766	46.4	67.3	−1.8	67.3	358.3
510	B50R_075_050dd	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	54.0	34.9	−4.7	35.3	352.3	0.754	0.262	0.715	53.2	36.9	−7.2	37.6	348.9	3.2	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
511	B40R_087_062dd	0.75	0.25	0.875	0.875	0.625	0.562	319	0.76	0.25	0.875	54.1	39.0	−10.4	40.4	345.0	0.758	0.256	0.808	53.8	41.3	−14.8	43.9	340.3	4.9	320	0.816	0.0	1.0	43.1	62.4	−16.6	64.6	345.0
512	B34R_100_075dd	0.75	0.25	1.0	1.0	0.75	0.625	311	0.762	0.25	1.0	54.3	42.9	−15.5	45.6	340.0	0.774	0.249	0.907	52.9	42.5	−20.9	47.3	333.8	5.5	311	0.683	0.0	1.0	40.3	57.2	−20.7	60.9	340.0
513	R50Y_075_075dd	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.375	0.0	60.2	12.5	55.2	56.6	77.2	0.72	0.418	0.013	59.3	18.0	58.4	61.1	72.8	6.4	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
514	R38Y_075_062dd	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.364	0.125	60.2	16.2	43.3	46.3	69.4	0.755	0.359	0.091	61.3	13.5	38.0	40.4	70.3	6.0	52	1.0	0.383	0.0	67.2	26.0	69.3	74.1	69.4
515	R23Y_075_050dd	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.366	0.25	60.1	20.1	30.9	36.9	56.9	0.787	0.336	0.235	61.0	15.1	28.1	31.9	61.6	5.7	42	1.0	0.233	0.0	59.7	40.2	61.8	73.8	56.9
516	R00Y_075_037dd	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	59.9	22.1	15.0	26.8	34.1	0.783	0.357	0.477	60.0	16.8	19.8	26.0	49.6	7.1	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
517	R18Y_075_037dd	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.493	59.5	22.2	9.5	24.2	23.2	0.764	0.367	0.543	59.6	19.7	12.1	23.1	31.5	3.5	371	1.0	0.0	0.316	46.0	59.4	25.5	64.7	23.2
518	B65R_075_037dd	0.75	0.375	0.625	0.75	0.375	0.562	349	0.75	0.375	0.631	59.6	24.6	1.1	24.6	2.7	0.759	0.379	0.656	59.0	23.5	2.6	23.6	6.3	1.8	348	1.0	0.0	0.683	46.2	65.6	3.1	65.7	2.7
519	B50R_075_037dd	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	60.1	26.2	−3.5	26.4	352.3	0.761	0.387	0.73	59.5	26.5	−5.2	27.0	348.7	1.8	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
520	B38R_087_050dd	0.75	0.375	0.875	0.875	0.5	0.625	316	0.758	0.375	0.875	60.3	30.3	−9.0	31.6	343.3	0.76	0.38	0.815	60.1	33.0	−13.2	35.6	338.1	5.0	317	0.766	0.0	1.0	42.1	60.6	−18.1	63.3	343.3
521	B30R_100_062dd	0.75	0.375	1.0	1.0	0.625	0.687	307	0.76	0.375	1.0	60.3	34.0	−14.2	36.8	337.2	0.767	0.378	0.904	58.5	34.5	−19.9	39.9	329.9	6.0	307	0.616	0.0	1.0	38.7	54.4	−22.8	59.0	337.2
522	R68Y_075_075dd	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.512	0.0	65.5	3.6	59.1	59.2	86.4	0.724	0.544	0.031	63.4	8.9	63.0	63.6	81.9	6.9	71	1.0	0.683	0.0	79.1	4.8	78.8	78.9	86.4
523	R61Y_075_062dd	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.51	0.125	65.6	6.4	48.4	48.8	82.4	0.75	0.515	0.103	65.2	6.9	44.1	44.7	81.0	4.2	67	1.0	0.616	0.0	75.8	10.2	77.4	78.1	82.4
524	R50Y_075_050dd	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	66.3	8.3	36.8	37.7	77.2	0.776	0.504	0.236	65.3	7.6	33.9	34.8	77.2	3.1	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
525	R31Y_075_037dd	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.493	0.375	66.2	12.0	24.8	27.6	64.1	0.806	0.498	0.407	64.5	9.5	23.9	25.7	68.2	3.2	48	1.0	0.316	0.0	64.0	32.1	66.3	73.7	64.1
526	R00Y_075_025dd	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	66.0	14.7	10.0	17.8	34.1	0.788	0.519	0.61	64.6	11.0	15.4	18.9	54.2	6.6	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
527	R00Y_075_025dd	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.625	65.8	15.3	3.5	15.7	13.0	0.767	0.544	0.678	63.8	15.5	5.7	16.5	20.4	2.9	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
528	B50R_075_025dd	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	66.2	17.4	−2.3	17.6	352.3	0.771	0.556	0.753	63.3	20.5	−5.0	21.2	346.1	5.0	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
529	B34R_087_037dd	0.75	0.5	0.875	0.875	0.375	0.687	311	0.756	0.5	0.875	66.3	21.4	−7.7	22.8	340.0	0.769	0.528	0.825	65.5	23.9	−11.7	26.6	333.7	4.7	311	0.683	0.0	1.0	40.3	57.2	−20.7	60.9	340.0
530	B25R_100_050dd	0.75	0.5	1.0	1.0	0.5	0.75	300	0.75	0.5	1.0	66.0	24.9	−13.6	28.3	331.3	0.754	0.503	0.92	66.3	26.2	−17.3	31.4	326.4	4.0	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
531	R85Y_075_075dd	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.637	0.0	70.5	−4.3	57.0	57.2	94.3	0.71	0.647	0.082	69.6	−0.5	70.8	70.8	90.4	14.3	81	1.0	0.85	0.0	85.8	−5.7	76.0	76.3	94.3
532	R81Y_075_062dd	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.635	0.125	71.1	−2.6	48.3	48.4	93.1	0.738	0.64	0.169	70.7	−1.4	52.5	52.5	91.6	4.4	80	1.0	0.816	0.0	84.8	−4.1	77.3	77.4	93.1
533	R76Y_075_050dd	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.633	0.25	71.8	−0.8	39.5	39.5	91.2	0.765	0.644	0.288	70.7	−0.8	40.5	40.5	91.1	1.4	77	1.0	0.766	0.0	83.1	−1.7	79.1	79.1	91.2
534	R68Y_075_037dd	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.631	0.375	71.9	1.8	29.5	29.6	86.4	0.787	0.653	0.437	69.6	0.7	30.8	30.8	88.5	2.9	71	1.0	0.683	0.0	79.1	4.8	78.8	78.9	86.4
535	R50Y_075_025dd	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.625	0.5	72.3	4.1	18.4	18.8	77.2	0.794	0.673	0.582	68.9	3.8	20.6	21.0	79.5	4.0	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
536	R00Y_075_012dd	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	72.2	7.3	5.0	8.9	34.1	0.789	0.693	0.728	67.8	7.5	9.6	12.2	51.8	6.3	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
537	B50R_075_012dd	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	72.3	8.7	−1.1	8.8	352.3	0.777	0.693	0.791	67.6	12.4	−1.6	12.5	352.2	5.9	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
538	B25R_087_025dd	0.75	0.625	0.875	0.875	0.25	0.75	300	0.75	0.625	0.875	72.2	12.4	−6.8	14.1	331.3	0.781	0.666	0.852	70.0	14.7	−10.5	18.1	324.4	4.9	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
539	B15R_100_037dd	0.75	0.625	1.0	1.0	0.375	0.812	289	0.743	0.625	1.0	72.3	15.8	−12.2	20.0	322.3	0.77	0.63	0.932	72.9	16.0	−16.1	22.7	314.9	3.9	288	0.316	0.0	1.0	32.2	42.2	−32.5	53.3	322.3
540	Y00G_075_075dd	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	74.4	−10.6	63.2	64.1	99.5	0.684	0.742	0.068	77.4	−8.9	78.5	79.0	96.4	15.6	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
541	Y00G_075_062dd	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	75.1	−8.9	52.6	53.4	99.5	0.719	0.738	0.16	76.3	−8.8	57.8	58.5	98.6	5.3	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
542	Y00G_075_050dd	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	75.7	−7.1	42.1	42.7	99.5	0.749	0.745	0.312	76.1	−7.6	46.5	47.1	99.2	4.4	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
543	Y00G_075_037dd	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	76.4	−5.3	31.6	32.0	99.5	0.768	0.767	0.464	75.6	−7.0	37.8	38.4	100.5	6.4	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
544	Y00G_075_025dd	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	77.1	−3.5	21.0	21.3	99.5	0.779	0.784	0.598	74.2	−4.1	26.4	26.7	98.9	6.0	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
545	Y00G_075_012dd	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	77.7	−1.7	10.5	10.6	99.5	0.778	0.805	0.713	73.7	−1.8	14.7	14.9	97.3	5.8	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
546	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	72.6	2.6	2.2	3.4	40.3	6.6	360	1.0	1.0	1.0	96.3	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	79.3	2.9	−5.2	6.0	299.0	0.79	0.799	0.878	75.0	4.5	−7.5	8.7	301.0	5.0	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
548	B00R_100_025dd	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	80.2	5.8	−10.5	12.0	299.0	0.791	0.759	0.959	80.3	3.2	−14.6	15.0	282.6	4.8	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
549	Y13G_087_087dd	0.75	0.875	0.0	0.875	0.875	0.437	98	0.758	0.875	0.0	84.1	−15.6	80.9	82.4	100.9	0.738	0.869	0.031	85.6	−15.7	87.6	89.0	100.2	6.8	97	0.866	1.0	0.0	92.6	−17.9	92.5	94.2	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	84.2	−13.8	69.0	70.4	101.3	0.789	0.886	0.125	82.8	−14.4	65.3	66.8	102.4	4.0	97	0.85	1.0	0.0	92.2	−18.4	92.1	93.9	101.3
551	Y18G_087_062dd	0.75	0.875	0.25	0.875	0.625	0.562	101	0.76	0.875	0.25	84.2	−12.2	57.0	58.3	102.1	0.805	0.876	0.236	83.0	−14.1	52.1	54.0	105.1	5.3	99	0.816	1.0	0.0	91.3	−19.6	91.2	93.3	102.1
552	Y23G_087_050dd	0.75	0.875	0.375	0.875	0.5	0.625	104	0.758	0.875	0.375	84.1	−10.6	44.9	46.2	103.3	0.82	0.877	0.397	82.2	−13.4	42.9	45.0	107.4	3.9	102	0.766	1.0	0.0	89.9	−21.3	89.9	92.4	103.3
553	Y31G_087_037dd	0.75	0.875	0.5	0.875	0.375	0.687	109	0.756	0.875	0.5	83.1	−10.0	30.9	32.5	107.9	0.797	0.879	0.553	81.8	−12.4	32.3	34.6	111.0	3.0	108	0.683	1.0	0.0	84.9	−26.7	82.5	86.7	107.9
554	Y50G_087_025dd	0.75	0.875	0.625	0.875	0.25	0.75	120	0.75	0.875	0.625	81.8	−9.4	16.4	19.0	119.9	0.753	0.886	0.682	81.2	−10.6	21.8	24.2	115.9	5.4	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
555	G00B_087_012dd	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	82.2	−8.1	4.1	9.1	152.8	0.733	0.891	0.79	80.8	−6.8	8.6	11.0	128.0	4.8	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
556	G50B_087_012dd	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	81.9	−4.1	−4.9	6.4	229.6	0.751	0.857	0.873	83.0	−5.7	−4.7	7.4	219.8	1.8	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
557	G75B_100_025dd	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.875	1.0	83.8	−3.3	−12.1	12.5	254.6	0.749	0.829	0.983	86.6	−7.4	−12.2	14.3	238.6	5.0	240	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6
558	Y23G_100_100dd	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	89.9	−21.3	89.9	92.4	103.3	0.765	1.0	0.0	89.4	−21.9	89.4	92.1	103.7	0.8	102	0.766	1.0	0.0	89.9	−21.3	89.9	92.4	103.3
559	Y26G_100_087dd	0.75	1.0	0.125	1.0	0.875	0.562	106	0.766	1.0	0.125	89.3	−20.3	76.8	79.4	104.8	0.776	0.997	0.127	88.9	−21.4	75.7	78.7	105.8	1.5	104	0.733	1.0	0.0	88.3	−23.2	87.7	90.7	104.8
560	Y31G_100_075dd	0.75	1.0	0.25	1.0	0.75	0.625	109	0.762	1.0	0.25	87.8	−20.0	61.9	65.0	107.9	0.75	0.975	0.232	88.9	−21.6	61.6	65.3	109.3	1.9	108	0.683	1.0	0.0	84.9	−26.7	82.5	86.7	107.9
561	Y38G_100_062dd	0.75	1.0	0.375	1.0	0.625	0.687	113	0.76	1.0	0.375	86.5	−19.2	47.2	51.0	112.1	0.756	0.966	0.41	87.9	−22.2	52.7	57.2	112.8	6.3	112	0.616	1.0	0.0	80.6	−30.8	75.6	81.6	112.1
562	Y50G_100_050dd	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	85.3	−18.9	32.9	38.0	119.9	0.727	0.967	0.536	87.6	−21.2	41.1	46.3	117.2	8.7	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
563	Y68G_100_037dd	0.75	1.0	0.625	1.0	0.375	0.812	131	0.743	1.0	0.625	85.0	−18.2	19.9	27.0	132.4	0.692	0.98	0.641	87.5	−19.2	27.0	33.2	125.4	7.6	131	0.316	1.0	0.0	66.1	−48.6	53.1	72.0	132.4
564	G00B_100_025dd	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	86.0	−16.3	8.3	18.3	152.8	0.678	1.0	0.758	88.9	−15.1	15.3	21.5	134.4	7.6	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
565	G25B_100_025dd	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.875	86.4	−12.5	−1.0	12.5	184.6	0.721	0.992	0.868	87.8	−12.1	0.2	12.1	178.6	1.8	180	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6
566	G50B_100_025dd	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	85.5	−8.3	−9.8	12.8	229.6	0.738	0.919	0.959	86.4	−9.1	−12.3	15.4	233.5	2.8	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6

Mean color difference of this page: delta **4.9**

1-1032531-F0 RE650−7N, Page 26/33−F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{dd}
output: 3D-linearization to $cmy0^*_{dd}$

TUB registration: 20150701-RE65/RE65L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmy0* (CMY0)

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.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	44.2	51.7	35.1	62.5	34.1	0.825	0.019	0.039	44.0	55.3	35.9	65.9	33.0	3.6	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
568	R36Y_087_087dd	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.116	43.9	51.4	31.1	60.1	31.2	0.817	0.019	0.111	44.3	55.6	31.6	63.9	29.6	4.2	382	1.0	0.0	0.133	46.7	58.7	35.6	68.7	31.2
569	R23Y_087_087dd	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.233	43.5	51.6	24.9	57.3	25.8	0.815	0.021	0.208	44.0	56.0	24.0	60.9	23.2	4.5	375	1.0	0.0	0.266	46.2	58.9	28.5	65.5	25.8
570	R08Y_087_087dd	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.364	43.2	52.9	17.0	55.6	17.8	0.822	0.025	0.345	43.1	57.5	17.3	60.1	16.7	4.6	365	1.0	0.0	0.416	45.9	60.4	19.5	63.5	17.8
571	B70R_087_087dd	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.51	43.4	55.5	8.1	56.1	8.3	0.833	0.025	0.48	43.3	59.5	7.6	60.0	7.2	4.0	354	1.0	0.0	0.583	46.1	63.5	9.3	64.1	8.3
572	B63R_087_087dd	0.875	0.0	0.625	0.875	0.875	0.437	346	0.875	0.0	0.641	43.5	58.2	0.0	58.2	0.0	0.833	0.031	0.606	43.1	62.7	−0.8	62.7	359.2	4.5	344	1.0	0.0	0.733	46.2	66.6	0.0	66.6	0.0
573	B56R_087_087dd	0.875	0.0	0.75	0.875	0.875	0.437	338	0.875	0.0	0.758	44.1	60.9	−6.2	61.2	354.1	0.836	0.04	0.717	42.8	65.4	−7.5	65.8	353.3	4.8	337	1.0	0.0	0.866	46.9	69.6	−7.1	69.9	354.1
574	B50R_087_087dd	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	44.7	61.2	−8.2	61.7	352.3	0.835	0.05	0.753	44.2	65.6	−12.1	66.7	349.5	5.8	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
575	B44R_100_100dd	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	44.4	64.9	−14.4	66.5	347.4	0.883	0.0	1.0	44.2	64.5	−14.8	66.2	347.0	0.5	323	0.883	0.0	1.0	44.4	64.9	−14.4	66.5	347.4
576	R13Y_087_087dd	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.116	0.0	49.9	46.0	48.3	66.7	46.4	0.874	0.09	0.0	52.2	44.3	50.1	66.9	48.5	3.4	37	1.0	0.133	0.0	53.5	52.6	55.3	76.3	46.4
577	R00Y_087_075dd	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	50.4	44.3	30.1	53.6	34.1	0.849	0.118	0.227	51.7	45.8	41.6	61.8	42.2	11.6	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
578	R35Y_087_075dd	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.237	50.1	44.1	26.0	51.2	30.5	0.843	0.122	0.277	51.2	45.7	30.1	54.8	33.3	4.5	382	1.0	0.0	0.15	46.6	58.8	34.7	68.3	30.5
579	R18Y_087_075dd	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.362	49.6	44.5	19.1	48.5	23.2	0.84	0.132	0.381	49.9	47.9	21.6	52.6	24.2	4.1	371	1.0	0.0	0.316	46.0	59.4	25.5	64.7	23.2
580	R00Y_087_075dd	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.5	49.6	46.1	10.7	47.3	13.0	0.832	0.139	0.51	49.7	50.5	13.3	52.3	14.8	5.2	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
581	B65R_087_075dd	0.875	0.125	0.625	0.875	0.75	0.5	349	0.875	0.125	0.637	49.7	49.2	2.3	49.3	2.7	0.837	0.147	0.634	49.2	54.1	4.4	54.3	4.7	5.3	348	1.0	0.0	0.683	46.2	65.6	3.1	65.7	2.7
582	B57R_087_075dd	0.875	0.125	0.75	0.875	0.75	0.5	339	0.875	0.125	0.762	50.2	51.9	−4.6	52.1	354.8	0.832	0.154	0.726	49.3	59.6	−6.0	59.9	354.2	7.8	337	1.0	0.0	0.85	46.8	69.2	−6.2	69.5	354.8
583	B50R_087_075dd	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	50.8	52.4	−7.0	52.9	352.3	0.835	0.162	0.766	49.9	60.8	−12.8	62.2	348.0	10.2	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
584	B43R_100_087dd	0.875	0.125	1.0	1.0	0.875	0.562	322	0.883	0.125	1.0	50.6	56.2	−13.2	57.7	346.7	0.842	0.148	0.874	49.8	57.3	−16.5	59.7	343.9	3.5	322	0.866	0.0	1.0	44.0	64.2	−15.1	66.0	346.7
585	R26Y_087_087dd	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.233	0.0	56.9	32.0	55.7	64.3	60.0	0.832	0.225	0.0	60.0	31.8	60.2	68.1	62.1	5.4	44	1.0	0.266	0.0	61.6	36.6	63.6	73.4	60.0
586	R15Y_087_075dd	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.237	0.125	56.0	37.9	42.4	56.9	48.1	0.891	0.201	0.161	58.4	30.7	46.2	55.5	56.3	8.4	37	1.0	0.15	0.0	54.6	50.6	56.5	75.9	48.1
587	R00Y_087_062dd	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	56.5	36.9	25.1	44.7	34.1	0.882	0.224	0.377	59.2	30.7	34.3	46.1	48.1	11.4	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
588	R31Y_087_062dd	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.364	56.2	36.7	20.6	42.1	29.2	0.868	0.224	0.43	58.3	32.9	25.4	41.6	37.6	6.5	380	1.0	0.0	0.183	46.5	58.8	33.0	67.4	29.2
589	R11Y_087_062dd	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.489	55.8	37.4	13.4	39.8	19.7	0.855	0.228	0.524	57.9	35.1	16.9	39.0	25.7	4.6	367	1.0	0.0	0.383	45.8	59.9	21.5	63.7	19.7
590	B69R_087_062dd	0.875	0.25	0.625	0.875	0.625	0.562	353	0.875	0.25	0.635	55.9	40.1	4.5	40.3	6.4	0.855	0.237	0.647	57.4	38.5	7.7	39.3	11.4	3.8	352	1.0	0.0	0.616	46.1	64.2	7.2	64.6	6.4
591	B59R_087_062dd	0.875	0.25	0.75	0.875	0.625	0.562	341	0.875	0.25	0.76	56.3	42.8	−2.7	42.9	356.2	0.851	0.243	0.746	57.5	43.1	−1.8	43.2	357.6	1.6	339	1.0	0.0	0.816	46.6	68.5	−4.4	68.6	356.2
592	B50R_087_062dd	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	56.9	43.7	−5.8	44.1	352.3	0.855	0.249	0.792	58.0	46.8	−11.2	48.2	346.4	6.3	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
593	B42R_100_075dd	0.875	0.25	1.0	1.0	0.75	0.625	321	0.887	0.25	1.0	56.9	47.7	−11.7	49.1	346.1	0.864	0.238	0.875	57.2	48.0	−15.4	50.4	342.1	3.7	322	0.85	0.0	1.0	43.7	63.6	−15.6	65.5	346.1
594	R41Y_087_087dd	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.364	0.0	63.1	20.5	61.8	65.2	71.6	0.829	0.382	0.01	64.9	23.0	65.7	69.6	70.7	4.9	54	1.0	0.416	0.0	68.6	23.4	70.7	74.5	71.6
595	R31Y_087_075dd	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.362	0.125	63.1	24.1	49.7	55.3	64.1	0.894	0.35	0.14	63.7	20.7	50.2	54.4	67.5	3.4	48	1.0	0.316	0.0	64.0	32.1	66.3	73.7	64.1
596	R18Y_087_062dd	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.364	0.25	62.5	29.0	36.8	46.9	51.6	0.918	0.327	0.296	64.0	22.2	36.4	42.7	58.6	7.0	39	1.0	0.183	0.0	56.6	46.5	58.9	75.0	51.6
597	R00Y_087_050dd	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	62.7	29.5	20.0	35.7	34.1	0.901	0.349	0.504	63.5	23.6	27.1	35.9	48.9	9.2	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
598	R26Y_087_050dd	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.491	62.4	29.4	15.2	33.1	27.3	0.883	0.352	0.556	63.4	25.3	18.9	31.6	36.8	5.6	377	1.0	0.0	0.233	46.4	58.8	30.4	66.2	27.3
599	R00Y_087_050dd	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.625	62.2	30.7	7.1	31.5	13.0	0.868	0.362	0.654	63.1	28.5	10.4	30.3	20.0	4.0	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
600	B61R_087_050dd	0.875	0.375	0.75	0.875	0.5	0.625	344	0.875	0.375	0.758	62.4	33.6	−0.9	33.6	358.3	0.864	0.375	0.751	62.6	34.0	−0.3	34.0	359.4	0.7	342	1.0	0.0	0.766	46.4	67.3	−1.8	67.3	358.3
601	B50R_087_050dd	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	63.0	34.9	−4.7	35.3	352.3	0.864	0.382	0.805	63.4	38.2	−9.5	39.4	346.0	5.8	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
602	B40R_100_062dd	0.875	0.375	1.0	1.0	0.625	0.687	319	0.885	0.375	1.0	63.0	39.0	−10.4	40.4	345.0	0.875	0.365	0.893	63.8	38.3	−14.7	41.1	339.0	4.4	320	0.816	0.0	1.0	43.1	62.4	−16.6	64.6	345.0
603	R58Y_087_087dd	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.51	0.0	68.5	10.6	66.8	67.7	80.9	0.837	0.515	0.017	69.8	12.9	70.8	72.0	79.6	4.7	65	1.0	0.583	0.0	74.8	12.1	76.4	77.3	80.9
604	R50Y_087_075dd	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.5	0.125	69.2	12.5	55.2	56.6	77.2	0.875	0.489	0.121	69.8	11.5	55.2	56.4	78.2	1.1	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
605	R38Y_087_062dd	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.489	0.25	69.1	16.2	43.3	46.3	69.4	0.915	0.472	0.257	69.3	11.8	40.6	42.3	73.7	5.1	52	1.0	0.383	0.0	67.2	26.0	69.3	74.1	69.4
606	R23Y_087_050dd	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.491	0.375	69.0	20.1	30.9	36.9	56.9	0.933	0.466	0.429	68.6	13.6	30.6	33.5	65.9	6.4	42	1.0	0.233	0.0	59.7	40.2	61.8	73.8	56.9
607	R00Y_087_037dd	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	68.8	22.1	15.0	26.8	34.1	0.911	0.477	0.625	69.0	15.1	22.7	27.3	56.4	10.4	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
608	R18Y_087_037dd	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.618	68.5	22.2	9.5	24.2	23.2	0.887	0.49	0.68	68.7	18.3	14.3	23.2	38.0	6.1	371	1.0	0.0	0.316	46.0	59.4	25.5	64.7	23.2
609	B65R_087_037dd	0.875	0.5	0.75	0.875	0.375	0.687	349	0.875	0.5	0.756	68.5	24.6	1.1	24.6	2.7	0.872	0.502	0.774	68.4	23.5	3.6	23.8	8.7	2.6	348	1.0	0.0	0.683	46.2	65.6	3.1	65.7	2.7
610	B50R_087_037dd	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	69.1	26.2	−3.5	26.4	352.3	0.868	0.51	0.825	69.4	29.3	−7.8	30.3	345.0	5.3	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
611	B38R_100_050dd	0.875	0.5	1.0	1.0	0.5	0.75	316	0.883	0.5	1.0	69.2	30.3	−9.0	31.6	343.3	0.873	0.489	0.904	71.2	30.0	−12.1	32.4	337.9	3.6	317	0.766	0.0	1.0	42.1	60.6	−18.1	63.3	343.3
612	R73Y_087_087dd	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.641	0.0	74.6	0.4	69.5	69.5	89.6	0.826	0.658	0.054	74.0	5.5	75.9	76.1	85.7	8.2	75	1.0	0.733	0.0	81.7	0.5	79.5	79.5	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	74.4	3.6	59.1	59.2	86.4	0.871	0.627	0.156	74.3	3.9	63.1	63.3	86.4	4.0	71	1.0	0.683	0.0	79.1	4.8	78.8	78.9	86.4
614	R61Y_087_062dd	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.635	0.25	74.5	6.4	48.4	48.8	82.4	0.904	0.605	0.251	74.5	4.0	46.8	46.9	85.0	2.8	67	1.0	0.616	0.0	75.8	10.2	77.4	78.1	82.4
615	R50Y_087_050dd	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.625	0.375	75.3	8.3	36.8	37.7	77.2	0.92	0.622	0.418	73.6	5.9	37.7	38.2	80.9	3.0	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
616	R31Y_087_037dd	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.618	0.5	75.2	12.0	24.8	27.6	64.1	0.93	0.608	0.561	73.5	8.0	27.6	28.8	73.6	5.1	48	1.0	0.316	0.0	64.0	32.1	66.3	73.7	64.1
617	R00Y_087_025dd	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	75.0	14.7	10.0	17.8	34.1	0.912	0.631	0.723	73.2	10.5	18.0	20.8	59.6	9.2	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
618	R00Y_087_025dd	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.75	74.8	15.3	3.5	15.7	13.0	0.89	0.65	0.786	72.6	14.9	6.2	16.2	22.5	3.4	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
619	B50R_087_025dd	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	75.2	17.4	−2.3	17.6	352.3	0.889	0.656	0.843	73.2	20.5	−6.8	21.6	341.6	5.7	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
620	B34R_100_037dd	0.875	0.625	1.0	1.0	0.375	0.812	311	0.881	0.625	1.0	75.3	21.4	−7.7	22.8	340.0	0.886	0.628	0.92	77.0	23.1	−10.8	25.5	334.9	3.8	311	0.683	0.0	1.0	40.3	57.2	−20.7	60.9	340.0
621	R86Y_087_087dd	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.758	0.0	78.7	−5.6	66.0	66.2	94.9	0.817	0.747	0.113	82.1	−2.6	83.9	84.0	91.8	18.5	82	1.0	0.866	0.0	86.4	−6.4	75.4	75.7	94.9
622	R85Y_087_075dd	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.762	0.125	79.5	−4.3	57.0	57.2	94.3	0.848	0.752	0.209	80.5	−3.3	69.8	69.9	92.7	12.8	81	1.0	0.85	0.0	85.8	−5.7	76.0	76.3	94.3
623	R81Y_087_062dd	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.76	0.25	80.1	−2.6	48.3	48.4	93.1	0.874	0.757	0.318	80.0	−3.0	53.2	53.2	93.2	4.8	80	1.0	0.816	0.0	84.8	−4.1	77.3	77.4	93.1
624	R76Y_087_050dd	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.758	0.375	80.7	−0.8	39.5	39.5	91.2	0.892	0.764	0.443	79.5	−1.3	43.4	43.5	91.7	4.1	77	1.0	0.766	0.0	83.1	−1.7	79.1	79.1	91.2
625	R68Y_087_037dd	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.756	0.5	80.9	1.8	29.5	29.6	86.4	0.903	0.764	0.575	79.4	0.3	32.9	32.9	89.3	3.9	71	1.0	0.683	0.0	79.1	4.8	78.8	78.9	86.4
626	R50Y_087_025dd	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.75	0.625	81.3	4.1	18.4	18.8	77.2	0.908	0.772	0.695	78.9	3.4	23.7	23.9	81.7	5.8	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
627	R00Y_087_012dd	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	81.2	7.3	5.0	8.9	34.1	0.895	0.783	0.814	77.9	7.0	9.9	12.2	54.5	5.9	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
628	B50R_087_012dd	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	81.2	8.7	−1.1	8.8	352.3	0.886	0.791	0.867	78.4	12.7	−4.1	13.3	341.7	5.7	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
629	B25R_100_025dd	0.875	0.75	1.0	1.0	0.25	0.875	300	0.875	0.75	1.0	81.2	12.4	−6.8	14.1	331.3	0.873	0.75	0.941	83.4	12.6	−9.1	15.6	323.9	3.2	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3
630	Y00G_087_087dd	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	82.8	−12.4	73.7	74.8	99.5	0.774	0.843	0.074	88.0	−10.3	89.9	90.5	96.5	17.1	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
631	Y00G_087_075dd	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	83.4	−10.6	63.2	64.1	99.5	0.823	0.852	0.18	85.4	−10.7	73.9	74.7	98.2	10.9	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
632	Y00G_087_062dd	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	84.1	−8.9	52.6	53.4	99.5	0.853	0.855	0.307	85.5	−9.5	59.1	59.9	99.2	6.6	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
633	Y00G_087_050dd	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	84.7	−7.1	42.1	42.7	99.5	0.871	0.863	0.452	85.3	−8.6	49.2	49.9	99.9	7.2	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
634	Y00G_087_037dd	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	85.4	−5.3	31.6	32.0	99.5	0.892	0.876	0.611	85.3	−7.0	38.6	39.3	100.2	7.2	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
635	Y00G_087_025dd	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	86.0	−3.5	21.0	21.3	99.5	0.891	0.879	0.714	84.7	−5.6	29.8	30.4	100.6	9.1	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
636	Y00G_087_012dd	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	86.7	−1.7	10.5	10.6	99.5	0.889	0.889	0.809	85.1	−2.4	15.9	16.1	98.7	5.6	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
637	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	85.1	1.0	0.5	1.2	26.6	2.5	360	1.0	1.0	1.0	96.3	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	88.3	2.9	−5.2	6.0	299.0	0.874	0.859	0.973	90.1	1.7	−6.2	6.5	285.7	2.3	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
639	Y11G_100_100dd	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	92.7	−17.3	92.1	93.8	100.6	0.883	1.0	0.0	92.9	−17.6	92.7	94.4	100.7	0.6	96	0.883	1.0	0.0	92.7	−17.3	92.1	93.8	100.6
640	Y13G_100_087dd	0.875	1.0	0.125	1.0	0.875	0.562	98	0.883	1.0	0.125	93.1	−15.6	80.9	82.4	100.9	0.875	1.0	0.125	91.2	−16.7	82.6	84.2	101.4	2.7	97	0.866	1.0	0.0	92.6	−17.9	92.5	94.2	100.9
641	Y15G_100_075dd	0.875	1.0	0.25	1.0	0.75	0.625	99	0.887	1.0	0.25	93.2	−13.8	69.0	70.4	101.3	1.0	1.0	0.207	90.3	−15.9	65.1	67.0	103.8	5.3	97	0.85	1.0	0.0	92.2	−18.4	92.1	93.9	101.3
642	Y18G_100_062dd	0.875	1.0	0.375	1.0	0.625	0.687	101	0.885	1.0	0.375	93.1	−12.2	57.0	58.3	102.1	1.0	1.0	0.375	90.9	−15.9	55.1	57.3	106.1	4.6	99	0.816	1.0	0.0	91.3	−19.6	91.2	93.3	102.1
643	Y23G_100_050dd	0.875	1.0	0.5	1.0	0.5	0.75	104	0.883	1.0	0.5	93.1	−10.6	44.9	46.2	103.3	1.0	0.995	0.541	91.5	−15.6	46.0	48.6	108.7	5.3	102	0.766	1.0	0.0	89.9	−21.3	89.9	92.4	103.3
644	Y31G_100_037dd	0.875	1.0	0.625	1.0	0.375	0.812	109	0.881	1.0	0.625	92.0	−10.0	30.9	32.5	107.9	0.933	0.973	0.691	92.4	−14.8	37.3	40.1	111.6	7.9	108	0.683	1.0	0.0	84.9	−26.7	82.5	86.7	107.9
645	Y50G_100_025dd	0.875	1.0	0.75	1.0	0.25	0.875	120	0.875	1.0	0.75	90.8	−9.4	16.4	19.0	119.9	0.86	0.975	0.794	92.7	−12.5	24.9	27.9	116.6	9.2	119	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9
646	G00B_100_012dd	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	91.1	−8.1	4.1	9.1	152.8	0.848	0.992	0.896	92.8	−8.4	8.8	12.2	133.5	4.9	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
647	G50B_100_012dd	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	90.9	−4.1	−4.9	6.4	229.6	0.866	0.967	0.987	91.7	−5.4	−5.5	7.7	225.2	1.6	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6

Mean color difference of this page: delta 5.6

1-1032631-F0 RE650-7N, Page 27/33-F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, Δ*E'**

input: *rgb/cmyk* −> rgb_{dd}
output: 3D-linearization to $cmy0^*_{dd}$

see similar files: http://130.149.60.45/~farbmetrik/RE65/RE65.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-1032631-F0

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.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	47.0	59.1	40.1	71.5	34.1	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1	0.0	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
649	R38Y_100_100dd	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	46.7	58.7	36.3	69.1	31.7	1.0	0.0	0.117	46.7	58.7	36.0	68.9	31.5	0.2	383	1.0	0.0	0.116	46.7	58.7	36.3	69.1	31.7
650	R26Y_100_100dd	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	46.4	58.8	30.4	66.2	27.3	1.0	0.0	0.234	46.3	58.7	29.5	65.8	26.6	0.8	377	1.0	0.0	0.233	46.4	58.8	30.4	66.2	27.3
651	R13Y_100_100dd	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	45.8	59.7	22.5	63.9	20.7	0.998	0.001	0.368	45.8	59.8	22.0	63.7	20.2	0.4	368	1.0	0.0	0.366	45.8	59.7	22.5	63.9	20.7
652	R00Y_100_100dd	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0	0.0	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
653	B68R_100_100dd	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	46.1	64.5	6.2	64.8	5.5	0.994	0.005	0.628	46.1	64.3	6.7	64.7	5.9	0.5	351	1.0	0.0	0.633	46.1	64.5	6.2	64.8	5.5
654	B61R_100_100dd	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	46.4	67.3	−1.8	67.3	358.3	0.996	0.004	0.762	46.3	66.8	−1.0	66.8	359.1	0.9	342	1.0	0.0	0.766	46.4	67.3	−1.8	67.3	358.3
655	B55R_100_100dd	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	47.0	69.7	−7.7	70.2	353.6	0.999	0.0	0.882	46.9	69.7	−7.6	70.1	353.7	0.1	336	1.0	0.0	0.883	47.0	69.7	−7.7	70.2	353.6
656	B50R_100_100dd	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3	0.0	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
657	R11Y_100_100dd	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	52.6	54.0	53.6	76.2	44.7	1.0	0.116	0.0	53.0	53.6	54.6	76.5	45.5	1.1	36	1.0	0.116	0.0	52.6	54.0	53.6	76.2	44.7
658	R00Y_100_087dd	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	53.2	51.7	35.1	62.5	34.1	0.969	0.156	0.288	52.1	55.6	48.8	74.0	41.2	14.2	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
659	R36Y_100_087dd	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.241	52.9	51.4	31.1	60.1	31.2	0.957	0.158	0.329	51.5	57.8	38.3	69.4	33.5	9.7	382	1.0	0.0	0.133	46.7	58.7	35.6	68.7	31.2
660	R23Y_100_087dd	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.358	52.5	51.6	24.9	57.3	25.8	0.945	0.161	0.405	50.5	61.1	28.6	67.4	25.1	10.3	375	1.0	0.0	0.266	46.2	58.9	28.5	65.5	25.8
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	52.9	17.0	55.6	17.8	0.937	0.163	0.511	50.0	63.7	19.8	66.7	17.2	11.3	365	1.0	0.0	0.416	45.9	60.4	19.5	63.5	17.8
662	B70R_100_087dd	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.635	52.3	55.5	8.1	56.1	8.3	0.94	0.171	0.627	49.2	67.6	9.7	68.3	8.2	12.5	354	1.0	0.0	0.583	46.1	63.5	9.3	64.1	8.3
663	B63R_100_087dd	1.0	0.125	0.75	1.0	0.875	0.562	346	1.0	0.125	0.766	52.5	58.2	0.0	58.2	0.0	0.938	0.171	0.723	49.6	70.0	−0.2	70.0	359.7	12.1	344	1.0	0.0	0.733	46.2	66.6	0.0	66.6	0.0
664	B56R_100_087dd	1.0	0.125	0.875	1.0	0.875	0.562	338	1.0	0.125	0.883	53.0	60.9	−6.2	61.2	354.1	0.948	0.173	0.819	50.1	71.9	−7.7	72.3	353.8	11.5	337	1.0	0.0	0.866	46.9	69.6	−7.1	69.9	354.1
665	B50R_100_087dd	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	53.7	61.2	−8.2	61.7	352.3	0.954	0.179	0.852	51.6	67.3	−9.8	68.0	351.7	6.6	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
666	R23Y_100_100dd	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	59.7	40.2	61.8	73.8	56.9	1.0	0.233	0.0	60.8	38.1	62.7	73.4	58.7	2.5	42	1.0	0.233	0.0	59.7	40.2	61.8	73.8	56.9
667	R13Y_100_087dd	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.241	0.125	58.9	46.0	48.3	66.7	46.4	1.0	0.227	0.246	60.1	39.4	57.6	69.8	55.5	11.4	37	1.0	0.133	0.0	53.5	52.6	55.3	76.3	46.4
668	R00Y_100_075dd	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	59.3	44.3	30.1	53.6	34.1	0.995	0.267	0.428	60.3	40.3	46.6	61.6	49.1	17.0	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
669	R35Y_100_075dd	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.362	59.0	44.1	26.0	51.2	30.5	0.981	0.267	0.469	58.6	45.3	33.9	56.6	36.7	7.9	382	1.0	0.0	0.15	46.6	58.8	34.7	68.3	30.5
670	R18Y_100_075dd	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.487	58.6	44.5	19.1	48.5	23.2	0.965	0.264	0.54	57.8	48.8	24.1	54.4	26.3	6.6	371	1.0	0.0	0.316	46.0	59.4	25.5	64.7	23.2
671	R00Y_100_075dd	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.625	58.6	46.1	10.7	47.3	13.0	0.958	0.265	0.634	57.9	51.6	13.0	53.2	14.1	6.0	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
672	B65R_100_075dd	1.0	0.25	0.75	1.0	0.75	0.625	349	1.0	0.25	0.762	58.7	49.2	2.3	49.3	2.7	0.961	0.265	0.73	58.1	54.7	1.3	54.8	1.4	5.6	348	1.0	0.0	0.683	46.2	65.6	3.1	65.7	2.7
673	B57R_100_075dd	1.0	0.25	0.875	1.0	0.75	0.625	339	1.0	0.25	0.887	59.2	51.9	−4.6	52.1	354.8	0.967	0.262	0.818	59.3	56.5	−8.7	57.2	351.2	6.1	337	1.0	0.0	0.85	46.8	69.2	−6.2	69.5	354.8
674	B50R_100_075dd	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	59.8	52.4	−7.0	52.9	352.3	0.973	0.267	0.85	60.8	53.6	−10.6	54.6	348.7	3.8	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
675	R36Y_100_100dd	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	66.4	27.5	68.6	73.9	68.1	0.999	0.367	0.0	66.8	26.7	69.0	74.0	68.8	0.9	51	1.0	0.366	0.0	66.4	27.5	68.6	73.9	68.1
676	R26Y_100_087dd	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.358	0.125	65.9	32.0	55.7	64.3	60.0	1.0	0.354	0.234	66.6	27.2	61.6	67.4	66.1	7.6	44	1.0	0.266	0.0	61.6	36.6	63.6	73.4	60.0
677	R15Y_100_075dd	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.362	0.25	65.0	37.9	42.4	56.9	48.1	1.0	0.34	0.363	66.5	28.6	52.1	59.5	61.1	13.5	37	1.0	0.15	0.0	54.6	50.6	56.5	75.9	48.1
678	R00Y_100_062dd	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	65.5	36.9	25.1	44.7	34.1	1.0	0.363	0.531	66.3	30.9	38.2	49.2	50.9	14.4	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
679	R31Y_100_062dd	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.489	65.2	36.7	20.6	42.1	29.2	0.997	0.365	0.572	66.1	33.6	27.1	43.2	38.9	7.3	380	1.0	0.0	0.183	46.5	58.8	33.0	67.4	29.2
680	R11Y_100_062dd	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.614	64.8	37.4	13.4	39.8	19.7	0.979	0.366	0.643	65.8	37.0	16.7	40.6	24.2	3.4	367	1.0	0.0	0.383	45.8	59.9	21.5	63.7	19.7
681	B69R_100_062dd	1.0	0.375	0.75	1.0	0.625	0.687	353	1.0	0.375	0.76	64.9	40.1	4.5	40.3	6.4	0.978	0.367	0.737	66.0	40.6	4.4	40.9	6.2	1.2	352	1.0	0.0	0.616	46.1	64.2	7.2	64.6	6.4
682	B59R_100_062dd	1.0	0.375	0.875	1.0	0.625	0.687	341	1.0	0.375	0.885	65.2	42.8	−2.7	42.9	356.2	0.98	0.363	0.825	66.9	43.4	−5.9	43.8	352.2	3.6	339	1.0	0.0	0.816	46.6	68.5	−4.4	68.6	356.2
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	43.7	−5.8	44.1	352.3	0.986	0.365	0.866	68.0	43.4	−9.5	44.4	347.6	4.2	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
684	R50Y_100_100dd	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2	0.0	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
685	R41Y_100_087dd	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.489	0.125	72.1	20.5	61.8	65.2	71.6	1.0	0.474	0.188	72.6	16.2	67.0	68.9	76.3	6.7	54	1.0	0.416	0.0	68.6	23.4	70.7	74.5	71.6
686	R31Y_100_075dd	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.487	0.25	72.1	24.1	49.7	55.3	64.1	1.0	0.461	0.25	72.9	17.5	52.8	55.6	71.6	7.3	48	1.0	0.316	0.0	64.0	32.1	66.3	73.7	64.1
687	R18Y_100_062dd	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.489	0.375	71.5	29.0	36.8	46.9	51.6	1.0	0.445	0.46	72.6	19.6	41.9	46.3	64.9	10.8	39	1.0	0.183	0.0	56.6	46.5	58.9	75.0	51.6
688	R00Y_100_050dd	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.7	29.5	20.0	35.7	34.1	1.0	0.46	0.622	73.3	21.0	30.8	37.3	55.6	13.7	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
689	R26Y_100_050dd	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.616	71.3	29.4	15.2	33.1	27.3	1.0	0.465	0.663	73.4	23.9	19.8	31.1	39.6	7.4	377	1.0	0.0	0.233	46.4	58.8	30.4	66.2	27.3
690	R00Y_100_050dd	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.75	71.2	30.7	7.1	31.5	13.0	0.989	0.472	0.74	73.2	28.6	7.3	29.5	14.3	2.9	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
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	33.6	−0.9	33.6	358.3	0.988	0.472	0.83	73.3	33.0	−4.1	33.2	352.9	3.8	342	1.0	0.0	0.766	46.4	67.3	−1.8	67.3	358.3
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	34.9	−4.7	35.3	352.3	0.995	0.477	0.877	73.4	35.0	−8.6	36.1	346.1	4.1	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
693	R63Y_100_100dd	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	76.5	9.1	77.8	78.4	83.3	1.0	0.631	0.0	76.1	9.8	77.6	78.3	82.8	0.8	68	1.0	0.633	0.0	76.5	9.1	77.8	78.4	83.3
694	R58Y_100_087dd	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.635	0.125	77.5	10.6	66.8	67.7	80.9	1.0	0.604	0.17	77.4	7.9	70.1	70.5	83.5	4.2	65	1.0	0.583	0.0	74.8	12.1	76.4	77.3	80.9
695	R50Y_100_075dd	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.625	0.25	78.2	12.5	55.2	56.6	77.2	1.0	0.604	0.25	77.7	8.9	57.2	57.9	81.0	4.0	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
696	R38Y_100_062dd	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.614	0.375	78.1	16.2	43.3	46.3	69.4	1.0	0.581	0.376	78.1	10.4	44.8	46.0	76.9	6.0	52	1.0	0.383	0.0	67.2	26.0	69.3	74.1	69.4
697	R23Y_100_050dd	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.616	0.5	78.0	20.1	30.9	36.9	56.9	1.0	0.553	0.501	78.7	12.0	33.9	36.0	70.5	8.7	42	1.0	0.233	0.0	59.7	40.2	61.8	73.8	56.9
698	R00Y_100_037dd	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	77.8	22.1	15.0	26.8	34.1	1.0	0.572	0.695	78.9	14.8	22.6	27.0	56.7	10.5	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
699	R18Y_100_037dd	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.743	77.5	22.2	9.5	24.2	23.2	1.0	0.583	0.745	79.2	18.9	9.9	21.4	27.5	3.7	371	1.0	0.0	0.316	46.0	59.4	25.5	64.7	23.2
700	B65R_100_037dd	1.0	0.625	0.875	1.0	0.375	0.812	349	1.0	0.625	0.881	77.5	24.6	1.1	24.6	2.7	0.997	0.589	0.831	79.4	23.7	−2.4	23.8	354.1	4.1	348	1.0	0.0	0.683	46.2	65.6	3.1	65.7	2.7
701	B50R_100_037dd	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	78.0	26.2	−3.5	26.4	352.3	1.0	0.596	0.894	79.2	26.4	−7.4	27.4	344.1	4.1	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
702	R76Y_100_100dd	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	83.1	−1.7	79.1	79.1	91.2	0.994	0.765	0.003	82.6	−0.9	79.7	79.7	90.6	1.1	77	1.0	0.766	0.0	83.1	−1.7	79.1	79.1	91.2
703	R73Y_100_087dd	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.766	0.125	83.5	0.4	69.5	69.5	89.6	1.0	0.748	0.091	82.9	−0.4	67.4	67.4	90.3	2.4	75	1.0	0.733	0.0	81.7	0.5	79.5	79.5	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	3.6	59.1	59.2	86.4	1.0	0.731	0.25	82.9	0.6	59.1	59.1	89.4	3.0	71	1.0	0.683	0.0	79.1	4.8	78.8	78.9	86.4
705	R61Y_100_062dd	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.76	0.375	83.5	6.4	48.4	48.8	82.4	1.0	0.719	0.376	82.9	2.3	49.3	49.4	87.3	4.2	67	1.0	0.616	0.0	75.8	10.2	77.4	78.1	82.4
706	R50Y_100_050dd	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	84.2	8.3	36.8	37.7	77.2	1.0	0.703	0.501	83.6	3.1	41.0	41.1	85.6	6.7	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
707	R31Y_100_037dd	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.743	0.625	84.2	12.0	24.8	27.6	64.1	1.0	0.688	0.65	84.2	5.7	28.8	29.4	78.8	7.5	48	1.0	0.316	0.0	64.0	32.1	66.3	73.7	64.1
708	R00Y_100_025dd	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	84.0	14.7	10.0	17.8	34.1	1.0	0.695	0.783	85.7	8.0	15.0	17.0	62.0	8.6	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
709	R00Y_100_025dd	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.875	83.7	15.3	3.5	15.7	13.0	1.0	0.723	0.845	84.5	15.2	1.0	15.2	3.7	2.6	360	1.0	0.0	0.5	46.0	61.4	14.2	63.1	13.0
710	B50R_100_025dd	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	84.1	17.4	−2.3	17.6	352.3	1.0	0.732	0.93	85.1	17.7	−5.9	18.6	341.4	3.7	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
711	R88Y_100_100dd	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	87.0	−7.3	75.7	76.1	95.5	0.999	0.882	0.0	86.7	−6.8	75.1	75.4	95.2	0.8	83	1.0	0.883	0.0	87.0	−7.3	75.7	76.1	95.5
712	R86Y_100_087dd	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.883	0.125	87.6	−5.6	66.0	66.2	94.9	1.0	0.873	0.155	87.2	−7.0	69.2	69.6	95.7	3.5	82	1.0	0.866	0.0	86.4	−6.4	75.4	75.7	94.9
713	R85Y_100_075dd	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.887	0.25	88.5	−4.3	57.0	57.2	94.3	1.0	0.874	0.296	87.3	−5.7	59.5	59.8	95.5	3.1	81	1.0	0.85	0.0	85.8	−5.7	76.0	76.3	94.3
714	R81Y_100_062dd	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.885	0.375	89.1	−2.6	48.3	48.4	93.1	1.0	0.884	0.457	87.3	−4.4	51.3	51.5	94.9	3.9	80	1.0	0.816	0.0	84.8	−4.1	77.3	77.4	93.1
715	R76Y_100_050dd	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.883	0.5	89.7	−0.8	39.5	39.5	91.2	1.0	0.879	0.584	87.8	−3.3	43.4	43.6	94.3	4.9	77	1.0	0.766	0.0	83.1	−1.7	79.1	79.1	91.2
716	R68Y_100_037dd	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.881	0.625	89.9	1.8	29.5	29.6	86.4	1.0	0.831	0.677	88.3	−1.6	34.6	34.6	92.7	6.3	71	1.0	0.683	0.0	79.1	4.8	78.8	78.9	86.4
717	R50Y_100_025dd	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.875	0.75	90.3	4.1	18.4	18.8	77.2	1.0	0.8	0.749	91.1	−2.2	23.4	23.5	95.3	8.1	59	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2
718	R00Y_100_012dd	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	90.1	7.3	5.0	8.9	34.1	1.0	0.845	0.911	90.9	3.0	9.6	10.0	72.5	6.4	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
719	B50R_100_012dd	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	90.2	8.7	−1.1	8.8	352.3	0.999	0.849	0.972	91.7	7.6	−3.0	8.2	338.1	2.6	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
720	Y00G_100_100dd	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5	0.0	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
721	Y00G_100_087dd	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	91.7	−12.4	73.7	74.8	99.5	1.0	1.0	0.125	91.3	−13.9	76.9	78.2	100.2	3.5	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
722	Y00G_100_075dd	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	92.4	−10.6	63.2	64.1	99.5	1.0	1.0	0.252	91.6	−12.4	63.8	65.0	101.0	2.0	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
723	Y00G_100_062dd	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	93.0	−8.9	52.6	53.4	99.5	1.0	0.983	0.442	92.4	−12.7	56.8	58.2	102.5	5.7	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
724	Y00G_100_050dd	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	93.7	−7.1	42.1	42.7	99.5	1.0	0.986	0.591	93.1	−11.6	47.8	49.2	103.7	7.3	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
725	Y00G_100_037dd	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	94.3	−5.3	31.6	32.0	99.5	1.0	0.938	0.726	93.5	−10.2	39.1	40.4	104.6	9.0	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
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	−3.5	21.0	21.3	99.5	1.0	0.953	0.845	95.0	−10.0	30.9	32.5	108.0	11.8	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
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	−1.7	10.5	10.6	99.5	1.0	0.978	0.929	95.5	−6.7	18.6	19.8	110.0	9.5	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
728	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 5.5

1-1032731-F0 RE650−7N, Page 28/33−F

TUB-test chart RE65; 1080 standard colours, cf=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{dd}
output: 3D-linearization to $cmy0^*_{dd}$

1-1032731-F0

TUB registration: 20150701-RE65/RE65L0FP.PDF /.PS
TUB material: code=rha4ta
application for measurement of laser printer output, separation cmy0* (CMY0)

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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	−0.2	−0.1	0.2	218.1	0.2	360	1.0	1.0	1.0	96.3	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	90.9	−4.1	−4.9	6.4	229.6	0.866	0.967	0.987	91.6	−5.2	−6.3	8.2	230.2	1.8	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
731	G50B_100_025dd	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	85.5	−8.3	−9.8	12.8	229.6	0.738	0.919	0.959	85.8	−9.1	−13.3	16.1	235.6	3.6	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
732	G50B_100_037dd	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	80.1	−12.4	−14.7	19.3	229.6	0.609	0.928	0.933	81.1	−12.1	−18.5	22.1	236.7	3.9	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
733	G50B_100_050dd	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	74.8	−16.6	−19.6	25.7	229.6	0.488	0.885	0.912	75.5	−15.4	−24.3	28.8	237.5	4.9	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
734	G50B_100_062dd	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	69.4	−20.8	−24.5	32.1	229.6	0.348	0.898	0.915	69.8	−19.1	−28.5	34.3	236.2	4.4	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
735	G50B_100_075dd	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	64.0	−24.9	−29.4	38.6	229.6	0.274	0.985	0.962	61.2	−25.5	−34.0	42.6	233.0	5.4	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
736	G50B_100_087dd	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	58.6	−29.1	−34.3	45.0	229.6	0.111	0.874	0.941	55.8	−30.2	−37.1	47.9	230.8	4.1	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
737	G50B_100_100dd	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6	0.0	0.999	0.999	52.5	−32.2	−39.6	51.1	230.8	1.3	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
738	R00Y_100_012dd	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	90.1	7.3	5.0	8.9	34.1	1.0	0.845	0.911	91.5	3.3	6.8	7.5	63.8	4.6	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
739	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	86.7	1.1	0.0	1.1	4.6	1.2	360	1.0	1.0	1.0	96.3	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	81.9	−4.1	−4.9	6.4	229.6	0.751	0.857	0.873	84.0	−5.7	−5.5	7.9	223.8	2.6	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
741	G50B_087_025dd	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	76.6	−8.3	−9.8	12.8	229.6	0.621	0.825	0.848	79.6	−10.1	−11.9	15.6	229.6	4.1	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
742	G50B_087_037dd	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	71.2	−12.4	−14.7	19.3	229.6	0.498	0.79	0.825	75.5	−15.6	−16.9	23.0	227.2	5.8	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
743	G50B_087_050dd	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	65.8	−16.6	−19.6	25.7	229.6	0.368	0.769	0.816	70.6	−19.5	−22.3	29.7	228.8	6.2	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
744	G50B_087_062dd	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	60.4	−20.8	−24.5	32.1	229.6	0.217	0.764	0.813	64.7	−23.4	−25.3	34.4	227.2	5.0	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
745	G50B_087_075dd	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	55.0	−24.9	−29.4	38.6	229.6	0.1	0.707	0.804	60.1	−30.0	−28.3	41.3	223.2	7.2	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
746	G50B_087_087dd	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	49.6	−29.1	−34.3	45.0	229.6	0.0	0.625	0.75	52.5	−36.3	−35.2	50.6	224.0	7.8	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
747	R00Y_100_025dd	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	84.0	14.7	10.0	17.8	34.1	1.0	0.695	0.783	86.8	7.7	11.6	13.9	56.4	7.7	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
748	R00Y_087_012dd	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	81.2	7.3	5.0	8.9	34.1	0.895	0.783	0.814	80.0	6.5	8.2	10.5	51.2	3.5	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
749	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	74.6	2.5	1.6	3.0	33.1	4.8	360	1.0	1.0	1.0	96.3	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	73.0	−4.1	−4.9	6.4	229.6	0.634	0.761	0.789	72.2	−3.8	−2.9	4.8	217.4	2.1	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
751	G50B_075_025dd	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	67.6	−8.3	−9.8	12.8	229.6	0.505	0.714	0.746	69.7	−9.9	−9.7	13.9	224.4	2.6	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
752	G50B_075_037dd	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	62.2	−12.4	−14.7	19.3	229.6	0.374	0.681	0.727	65.9	−15.0	−14.9	21.2	224.7	4.5	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
753	G50B_075_050dd	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	56.8	−16.6	−19.6	25.7	229.6	0.235	0.663	0.713	60.9	−18.9	−19.8	27.4	226.3	4.6	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
754	G50B_075_062dd	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	51.4	−20.8	−24.5	32.1	229.6	0.092	0.59	0.683	57.4	−26.1	−23.7	35.3	222.2	8.0	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
755	G50B_075_075dd	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	46.1	−24.9	−29.4	38.6	229.6	0.0	0.513	0.636	52.5	−40.9	−29.5	50.4	215.8	17.1	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
756	R00Y_100_037dd	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	77.8	22.1	15.0	26.8	34.1	1.0	0.572	0.695	80.6	13.1	19.8	23.8	56.4	10.5	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
757	R00Y_087_025dd	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	75.0	14.7	10.0	17.8	34.1	0.912	0.631	0.723	75.4	9.6	15.6	18.4	58.3	7.6	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
758	R00Y_075_012dd	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	72.2	7.3	5.0	8.9	34.1	0.789	0.693	0.728	69.5	7.2	7.6	10.5	46.3	3.7	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
759	NW_062dd	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	69.4	0.0	0.0	0.0	0.0	0.643	0.697	0.709	63.3	2.5	1.2	2.8	25.8	6.7	360	1.0	1.0	1.0	96.3	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	64.0	−4.1	−4.9	6.4	229.6	0.519	0.657	0.678	61.1	−2.2	−2.3	3.3	226.2	4.2	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
761	G50B_062_025dd	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	58.6	−8.3	−9.8	12.8	229.6	0.389	0.606	0.642	59.8	−10.0	−9.1	13.5	222.2	2.1	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
762	G50B_062_037dd	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	53.2	−12.4	−14.7	19.3	229.6	0.254	0.562	0.612	55.7	−16.0	−14.5	21.6	222.2	4.3	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
763	G50B_062_050dd	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	47.8	−16.6	−19.6	25.7	229.6	0.102	0.501	0.573	53.3	−20.3	−18.3	27.3	221.9	6.6	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
764	G50B_062_062dd	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	42.5	−20.8	−24.5	32.1	229.6	0.0	0.399	0.535	51.7	−36.0	−24.7	43.7	214.4	17.7	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
765	R00Y_100_050dd	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.7	29.5	20.0	35.7	34.1	1.0	0.46	0.622	74.3	19.9	28.0	34.4	54.6	12.8	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
766	R00Y_087_037dd	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	68.8	22.1	15.0	26.8	34.1	0.911	0.477	0.625	70.3	14.8	20.5	25.3	54.1	9.2	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
767	R00Y_075_025dd	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	66.0	14.7	10.0	17.8	34.1	0.788	0.519	0.61	64.7	10.7	14.3	17.9	53.1	6.0	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
768	R00Y_062_012dd	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	63.2	7.3	5.0	8.9	34.1	0.658	0.56	0.592	58.2	8.2	7.2	10.9	41.3	5.5	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
769	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	60.4	0.0	0.0	0.0	0.0	0.533	0.596	0.601	53.7	1.9	2.7	3.3	54.1	7.5	360	1.0	1.0	1.0	96.3	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	55.0	−4.1	−4.9	6.4	229.6	0.391	0.536	0.557	51.5	−2.3	−2.3	3.3	224.7	4.7	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
771	G50B_050_025dd	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	49.6	−8.3	−9.8	12.8	229.6	0.273	0.479	0.525	51.2	−11.6	−8.6	14.4	216.4	3.8	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
772	G50B_050_037dd	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	44.3	−12.4	−14.7	19.3	229.6	0.137	0.419	0.488	48.8	−16.4	−13.6	21.4	219.6	6.1	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
773	G50B_050_050dd	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	38.9	−16.6	−19.6	25.7	229.6	0.0	0.308	0.426	45.9	−25.8	−19.2	32.2	216.6	11.5	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
774	R00Y_100_062dd	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	65.5	36.9	25.1	44.7	34.1	1.0	0.363	0.531	66.5	30.7	36.3	47.6	49.7	12.8	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
775	R00Y_087_050dd	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	62.7	29.5	20.0	35.7	34.1	0.901	0.349	0.504	64.1	22.8	25.8	34.4	48.5	9.0	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
776	R00Y_075_037dd	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	59.9	22.1	15.0	26.8	34.1	0.783	0.357	0.477	60.0	16.6	18.7	25.1	48.3	6.6	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
777	R00Y_062_025dd	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	57.1	14.7	10.0	17.8	34.1	0.652	0.373	0.443	54.0	12.7	13.1	18.2	45.9	4.8	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
778	R00Y_050_012dd	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	54.3	7.3	5.0	8.9	34.1	0.533	0.42	0.452	49.7	8.2	5.8	10.1	35.2	4.6	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
779	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	44.6	2.1	1.6	2.7	37.0	7.3	360	1.0	1.0	1.0	96.3	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	46.1	−4.1	−4.9	6.4	229.6	0.289	0.418	0.451	43.4	−3.1	−1.9	3.7	211.7	4.0	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
781	G50B_037_025dd	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	40.7	−8.3	−9.8	12.8	229.6	0.161	0.348	0.407	43.6	−12.9	−9.3	15.9	215.7	5.5	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
782	G50B_037_037dd	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	35.3	−12.4	−14.7	19.3	229.6	0.005	0.239	0.335	42.6	−18.1	−13.7	22.7	217.0	9.3	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
783	R00Y_100_075dd	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	59.3	44.3	30.1	53.6	34.1	0.995	0.267	0.428	60.8	38.8	47.2	61.2	50.5	18.0	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
784	R00Y_087_062dd	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	56.5	36.9	25.1	44.7	34.1	0.882	0.224	0.377	59.0	30.5	35.5	46.8	49.2	12.4	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
785	R00Y_075_050dd	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	53.7	29.5	20.0	35.7	34.1	0.77	0.224	0.332	54.1	25.0	24.2	34.9	44.0	6.1	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
786	R00Y_062_037dd	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	50.9	22.1	15.0	26.8	34.1	0.633	0.232	0.286	50.0	19.3	18.3	26.6	43.5	4.4	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
787	R00Y_050_025dd	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	48.1	14.7	10.0	17.8	34.1	0.522	0.25	0.283	45.5	14.0	10.5	17.5	36.8	2.7	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
788	R00Y_037_012dd	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	45.3	7.3	5.0	8.9	34.1	0.398	0.294	0.307	41.6	9.6	4.9	10.8	27.0	4.3	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
789	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	37.8	3.0	0.9	3.2	17.3	5.6	360	1.0	1.0	1.0	96.3	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	37.1	−4.1	−4.9	6.4	229.6	0.164	0.278	0.31	38.9	−4.5	−3.2	5.5	215.4	2.4	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
791	G50B_025_025dd	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	31.7	−8.3	−9.8	12.8	229.6	0.009	0.162	0.232	38.1	−14.1	−9.1	16.8	212.7	8.7	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
792	R00Y_100_087dd	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	53.2	51.7	35.1	62.5	34.1	0.969	0.156	0.288	52.4	54.7	47.6	72.5	41.0	12.8	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
793	R00Y_087_075dd	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	50.4	44.3	30.1	53.6	34.1	0.849	0.118	0.227	51.4	45.3	41.5	61.5	42.5	11.5	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
794	R00Y_075_062dd	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	47.5	36.9	25.1	44.7	34.1	0.745	0.111	0.184	47.8	34.6	29.9	45.8	40.8	5.4	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
795	R00Y_062_050dd	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	44.7	29.5	20.0	35.7	34.1	0.602	0.108	0.129	43.8	28.2	22.8	36.3	38.9	3.1	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
796	R00Y_050_037dd	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	41.9	22.1	15.0	26.8	34.1	0.473	0.101	0.097	41.1	22.2	15.6	27.2	35.2	1.0	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
797	R00Y_037_025dd	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	39.1	14.7	10.0	17.8	34.1	0.357	0.116	0.096	38.4	15.8	9.7	18.6	31.5	1.3	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
798	R00Y_025_012dd	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	36.3	7.3	5.0	8.9	34.1	0.286	0.19	0.162	34.1	10.4	3.5	11.0	18.7	4.0	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
799	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	33.5	0.0	0.0	0.0	0.0	0.151	0.194	0.187	30.7	1.5	1.0	1.8	35.2	3.3	360	1.0	1.0	1.0	96.3	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	28.1	−4.1	−4.9	6.4	229.6	0.0	0.041	0.077	33.5	−6.4	−2.3	6.8	199.7	6.3	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
801	R00Y_100_100dd	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1	1.0	0.0	0.0	46.7	58.8	39.0	70.5	33.5	1.2	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
802	R00Y_087_087dd	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	44.2	51.7	35.1	62.5	34.1	0.825	0.019	0.039	43.2	54.1	34.2	64.0	32.3	2.6	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
803	R00Y_075_075dd	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	41.4	44.3	30.1	53.6	34.1	0.687	0.02	0.023	40.3	50.7	33.8	61.0	33.7	7.4	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
804	R00Y_062_062dd	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	38.6	36.9	25.1	44.7	34.1	0.568	0.0	0.0	38.2	40.9	26.7	48.9	33.1	4.3	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
805	R00Y_050_050dd	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	35.8	29.5	20.0	35.7	34.1	0.5	0.0	0.0	35.8	31.5	17.7	36.1	29.3	3.0	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
806	R00Y_037_037dd	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	33.0	22.1	15.0	26.8	34.1	0.351	0.0	0.0	33.6	24.6	11.5	27.2	25.1	4.2	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
807	R00Y_025_025dd	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	30.2	14.7	10.0	17.8	34.1	0.271	0.0	0.0	30.9	16.8	6.8	18.1	22.0	3.8	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
808	R00Y_012_012dd	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	27.3	7.3	5.0	8.9	34.1	0.158	0.022	0.0	27.8	9.0	2.3	9.3	14.7	3.1	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
809	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.6	0.3	−0.3	0.5	312.1	2.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 5.8

1-1032831-F0

RE650−7N, Page 29/33−F

TUB-test chart RE65; 1080 standard colours, cf=1
colors and differences, $\Delta E'^*$

input: $rgb/cmyk$ −> rgb_{dd}
output: 3D-linearization to $cmy0^*_{dd}$

see similar files: http://130.149.60.45/~farbmetrik/RE65/RE65.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-1032831-F0

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.DAT in file (F), page 30/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd				
810	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	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	88.3	2.9	−5.2	6.0	299.0
812	B00R_100_025dd	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	80.2	5.8	−10.5	12.0	299.0
813	B00R_100_037dd	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	72.2	8.7	−15.7	18.0	299.0
814	B00R_100_050dd	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	64.2	11.6	−21.0	24.0	299.0
815	B00R_100_062dd	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	56.2	14.6	−26.3	30.1	299.0
816	B00R_100_075dd	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	48.1	17.5	−31.5	36.1	299.0
817	B00R_100_087dd	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	40.1	20.4	−36.8	42.1	299.0
818	B00R_100_100dd	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
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	−1.7	10.5	10.6	99.5
820	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	87.3	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	79.3	2.9	−5.2	6.0	299.0
822	B00R_087_025dd	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	71.3	5.8	−10.5	12.0	299.0
823	B00R_087_037dd	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	63.2	8.7	−15.7	18.0	299.0
824	B00R_087_050dd	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	55.2	11.6	−21.0	24.0	299.0
825	B00R_087_062dd	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	47.2	14.6	−26.3	30.1	299.0
826	B00R_087_075dd	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	39.2	17.5	−31.5	36.1	299.0
827	B00R_087_087dd	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	31.1	20.4	−36.8	42.1	299.0
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	−3.5	21.0	21.3	99.5
829	Y00G_087_012dd	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	86.7	−1.7	10.5	10.6	99.5
830	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	78.4	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	70.3	2.9	−5.2	6.0	299.0
832	B00R_075_025dd	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	62.3	5.8	−10.5	12.0	299.0
833	B00R_075_037dd	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	54.3	8.7	−15.7	18.0	299.0
834	B00R_075_050dd	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	46.2	11.6	−21.0	24.0	299.0
835	B00R_075_062dd	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	38.2	14.6	−26.3	30.1	299.0
836	B00R_075_075dd	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	30.2	17.5	−31.5	36.1	299.0
837	Y00G_100_037dd	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	94.3	−5.3	31.6	32.0	99.5
838	Y00G_087_025dd	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	86.0	−3.5	21.0	21.3	99.5
839	Y00G_075_012dd	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	77.7	−1.7	10.5	10.6	99.5
840	NW_062dd	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	69.4	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	61.4	2.9	−5.2	6.0	299.0
842	B00R_062_025dd	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	53.3	5.8	−10.5	12.0	299.0
843	B00R_062_037dd	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	45.3	8.7	−15.7	18.0	299.0
844	B00R_062_050dd	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	37.3	11.6	−21.0	24.0	299.0
845	B00R_062_062dd	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	29.3	14.6	−26.3	30.1	299.0
846	Y00G_100_050dd	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	93.7	−7.1	42.1	42.7	99.5
847	Y00G_087_037dd	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	85.4	−5.3	31.6	32.0	99.5
848	Y00G_075_025dd	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	77.1	−3.5	21.0	21.3	99.5
849	Y00G_062_012dd	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	68.7	−1.7	10.5	10.6	99.5
850	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	60.4	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	52.4	2.9	−5.2	6.0	299.0
852	B00R_050_025dd	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	44.4	5.8	−10.5	12.0	299.0
853	B00R_050_037dd	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	36.3	8.7	−15.7	18.0	299.0
854	B00R_050_050dd	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	28.3	11.6	−21.0	24.0	299.0
855	Y00G_100_062dd	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	93.0	−8.9	52.6	53.4	99.5
856	Y00G_087_050dd	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	84.7	−7.1	42.1	42.7	99.5
857	Y00G_075_037dd	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	76.4	−5.3	31.6	32.0	99.5
858	Y00G_062_025dd	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	68.1	−3.5	21.0	21.3	99.5
859	Y00G_050_012dd	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	59.8	−1.7	10.5	10.6	99.5
860	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	51.4	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	43.4	2.9	−5.2	6.0	299.0
862	B00R_037_025dd	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	35.4	5.8	−10.5	12.0	299.0
863	B00R_037_037dd	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	27.4	8.7	−15.7	18.0	299.0
864	Y00G_100_075dd	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	92.4	−10.6	63.2	64.1	99.5
865	Y00G_087_062dd	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	84.1	−8.9	52.6	53.4	99.5
866	Y00G_075_050dd	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	75.7	−7.1	42.1	42.7	99.5
867	Y00G_062_037dd	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	67.4	−5.3	31.6	32.0	99.5
868	Y00G_050_025dd	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	59.1	−3.5	21.0	21.3	99.5
869	Y00G_037_012dd	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	50.8	−1.7	10.5	10.6	99.5
870	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	42.5	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	34.4	2.9	−5.2	6.0	299.0
872	B00R_025_025dd	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	26.4	5.8	−10.5	12.0	299.0
873	Y00G_100_087dd	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	91.7	−12.4	73.7	74.8	99.5
874	Y00G_087_075dd	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	83.4	−10.6	63.2	64.1	99.5
875	Y00G_075_062dd	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	75.1	−8.9	52.6	53.4	99.5
876	Y00G_062_050dd	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	66.8	−7.1	42.1	42.7	99.5
877	Y00G_050_037dd	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	58.5	−5.3	31.6	32.0	99.5
878	Y00G_037_025dd	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	50.1	−3.5	21.0	21.3	99.5
879	Y00G_025_012dd	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	41.8	−1.7	10.5	10.6	99.5
880	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	33.5	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	25.5	2.9	−5.2	6.0	299.0
882	Y00G_100_100dd	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
883	Y00G_087_087dd	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	82.8	−12.4	73.7	74.8	99.5
884	Y00G_075_075dd	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	74.4	−10.6	63.2	64.1	99.5
885	Y00G_062_062dd	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	66.1	−8.9	52.6	53.4	99.5
886	Y00G_050_050dd	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	57.8	−7.1	42.1	42.7	99.5
887	Y00G_037_037dd	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	49.5	−5.3	31.6	32.0	99.5
888	Y00G_025_025dd	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	41.2	−3.5	21.0	21.3	99.5
889	Y00G_012_012dd	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	32.9	−1.7	10.5	10.6	99.5
890	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	24.5	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	96.5	−0.3	0.2	0.4	140.1	0.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
811	0.874	0.859	0.973	89.5	1.8	−6.3	6.5	286.6	1.9	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
812	0.791	0.759	0.959	80.6	3.7	−14.0	14.5	284.8	4.1	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
813	0.696	0.661	0.948	69.6	7.5	−21.4	22.7	289.4	6.3	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
814	0.586	0.549	0.924	57.7	11.9	−28.7	31.1	292.5	10.0	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
815	0.454	0.424	0.872	47.9	17.3	−33.9	38.0	297.1	11.5	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
816	0.33	0.305	0.857	39.2	21.3	−38.4	43.9	299.0	11.8	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
817	0.186	0.169	0.86	35.4	22.6	−40.1	46.0	299.3	6.1	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
818	0.0	0.0	0.999	31.7	23.4	−41.5	47.6	299.4	0.7	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
819	1.0	0.978	0.929	95.8	−6.3	16.8	17.9	110.7	7.7	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
820	0.877	0.892	0.904	87.4	0.8	1.2	1.5	56.5	1.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
821	0.79	0.799	0.878	77.5	4.8	−7.2	8.7	304.0	3.3	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
822	0.687	0.685	0.858	69.5	7.7	−15.2	17.0	296.7	5.3	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
823	0.559	0.549	0.823	61.0	10.4	−22.9	25.2	294.5	7.6	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
824	0.439	0.414	0.799	51.9	15.4	−30.9	34.5	296.4	11.0	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
825	0.297	0.26	0.775	44.5	17.6	−36.6	40.7	295.7	11.1	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
826	0.136	0.086	0.709	38.1	19.4	−39.9	44.3	295.9	8.5	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
827	0.125	0.125	1.0	32.9	20.4	−42.6	47.3	295.6	6.0	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
828	1.0	0.953	0.845	95.2	−9.7	28.6	30.2	108.8	9.7	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
829	0.889	0.889	0.809	86.7	−1.7	13.9	14.0	97.1	3.4	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
830	0.769	0.808	0.816	75.6	2.5	1.7	3.1	34.7	4.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
831	0.669	0.696	0.786	67.1	5.8	−6.3	8.5	312.6	4.4	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
832	0.55	0.56	0.748	59.9	7.7	−12.5	14.7	301.5	3.6	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
833	0.426	0.409	0.72	52.4	9.5	−19.6	21.8	295.9	4.3	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
834	0.287	0.249	0.677	47.0	10.3	−26.4	28.4	291.4	5.5	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
835	0.142	0.077	0.595	42.1	13.2	−32.2	34.8	292.2	7.2	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
836	0.125	0.0	0.625	35.6	17.1	−39.9	43.5	293.2	9.9	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
837	1.0	0.938	0.726	93.6	−9.8	36.6	38.0	105.0	6.8	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
838	0.891	0.879	0.714	86.6	−5.2	27.0	27.5	100.9	6.2	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
839	0.778	0.805	0.713	76.8	−1.3	12.3	12.4	96.1	2.1	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
840	0.643	0.697	0.709	65.3	2.3	1.5	2.8	33.7	4.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
841	0.546	0.581	0.674	57.1	6.0	−5.8	8.4	315.6	5.3	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
842	0.425	0.432	0.628	50.7	6.6	−12.8	14.4	297.1	3.5	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
843	0.297	0.268	0.589	45.2	8.0	−19.9	21.4	291.9	4.1	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
844	0.172	0.107	0.518	41.9	9.3	−26.1	27.8	289.6	7.2	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
845	0.125	0.0	0.5	38.0	10.2	−31.6	33.2	287.9	11.1	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
846	1.0	0.986	0.591	93.1	−11.2	45.2	46.6	104.0	5.2	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
847	0.892	0.876	0.611	86.7	−7.0	36.7	37.4	100.8	5.5	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
848	0.779	0.784	0.598	76.2	−3.5	24.0	24.3	98.4	3.1	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
849	0.657	0.686	0.581	65.5	−0.4	11.1	11.1	92.4	3.5	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
850	0.533	0.596	0.601	54.8	1.7	2.9	3.4	59.6	6.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
851	0.42	0.45	0.552	47.0	5.1	−4.9	7.1	315.7	5.7	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
852	0.311	0.299	0.514	42.5	5.2	−13.0	14.1	291.8	3.2	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
853	0.184	0.137	0.441	38.3	5.9	−21.3	22.1	285.4	6.5	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
854	0.125	0.0	0.375	36.0	6.3	−25.5	26.3	283.8	10.3	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
855	1.0	0.983	0.442	92.7	−12.7	54.7	56.1	103.0	4.3	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
856	0.871	0.863	0.452	86.7	−9.1	47.8	48.7	100.8	6.3	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
857	0.768	0.767	0.464	77.4	−6.8	35.2	35.8	101.0	4.0	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
858	0.649	0.661	0.436	66.5	−3.4	22.1	22.3	98.8	1.8	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
859	0.542	0.57	0.455	55.3	−0.7	10.7	10.7	93.7	4.5	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
860	0.403	0.463	0.47	44.3	2.1	1.8	2.7	40.6	7.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
861	0.308	0.325	0.44	39.3	4.1	−4.2	5.9	314.2	4.3	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
862	0.187	0.166	0.37	37.0	3.9	−14.6	15.1	285.1	4.7	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
863	0.036	0.0	0.25	31.7	4.1	−21.3	21.7	280.8	8.4	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
864	1.0	1.0	0.252	91.6	−12.5	63.1	64.3	101.2	2.0	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
865	0.853	0.855	0.307	86.4	−10.0	57.7	58.6	99.8	5.6	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
866	0.749	0.745	0.312	77.4	−7.6	45.2	45.8	99.6	3.5	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
867	0.633	0.639	0.288	66.6	−5.3	32.6	33.0	99.2	1.2	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
868	0.527	0.545	0.291	56.3	−2.1	20.2	20.3	95.9	3.2	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
869	0.407	0.444	0.302	45.9	−0.1	10.6	10.6	90.6	5.1	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
870	0.301	0.356	0.369	37.4	3.0	1.0	3.1	18.7	5.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
871	0.172	0.184	0.283	34.4	4.3	−6.1	7.5	305.3	1.6	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
872	0.012	0.0	0.134	30.3	2.5	−15.9	16.1	279.1	7.3	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
873	1.0	1.0	0.125	91.4	−14.3	77.2	78.5	100.5	3.9	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
874	0.823	0.852	0.18	85.9	−11.0	73.7	74.6	98.5	10.8	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
875	0.719	0.738	0.16	77.0	−9.0	58.7	59.4	98.7	6.3	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
876	0.609	0.622	0.132	66.3	−6.6	43.1	43.6	98.7	1.2	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
877	0.501	0.521	0.134	56.6	−4.3	31.1	31.4	97.9	2.1	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
878	0.388	0.414	0.13	46.3	−1.9	19.4	19.5	95.6	4.5	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
879	0.298	0.344	0.179	37.7	0.7	7.6	7.6	84.6	5.6	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
880	0.151	0.194	0.187	30.2	1.3	1.1	1.8	40.0	3.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
881	0.009	0.0	0.071	29.3	2.2	−8.3	8.6	284.8	4.9	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
882	1.0	1.0	0.0	91.1	−14.4	84.4	85.7	99.6	0.2	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
883	0.774	0.843	0.074	88.4	−10.6	90.0	90.6	96.7	17.2	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
884	0.684	0.742	0.068	77.5	−8.6	77.6	78.1	96.3	14.8	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
885	0.593	0.631	0.04	66.1	−7.4	58.1	58.5	97.2	5.6	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
886	0.487	0.516	0.009	56.4	−5.7	41.9	42.2	97.8	1.9	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
887	0.369	0.387	0.0	47.5	−4.0	29.5	29.8	97.8	3.1	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
888	0.291	0.314	0.009	38.6	−2.3	16.6	16.8	97.9	5.2	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
889	0.162	0.175	0.0	31.4	−1.0	7.2	7.3	98.0	3.6	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
890	0.0	0.0	0.0	25.9	0.3	−0.4	0.5	308.4	1.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta** **5.5**

1−1032931−F0 RE650−7N, Page 30/33−F

TUB-test chart RE65; 1080 standard colours, cf=1
colors and differences, $\Delta E'$*

input: $rgb/cmyk$ −> rgb_{dd}
output: 3D-linearization to $cmy0*_{dd}$

1−1032931−F0

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.5	−0.7	1.3	1.5	118.7	1.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
892	B50R_100_012dd	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	90.2	8.7	−1.1	8.8	352.3	0.999	0.849	0.972	91.4	8.0	−2.9	8.6	339.7	2.2	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
893	B50R_100_025dd	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	84.1	17.4	−2.3	17.6	352.3	1.0	0.732	0.93	85.9	16.3	−5.1	17.1	342.4	3.4	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
894	B50R_100_037dd	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	78.0	26.2	−3.5	26.4	352.3	1.0	0.596	0.894	79.6	25.2	−6.9	26.1	344.6	3.9	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
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	34.9	−4.7	35.3	352.3	0.995	0.477	0.877	73.4	34.4	−8.2	35.3	346.4	3.9	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
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	43.7	−5.8	44.1	352.3	0.986	0.365	0.866	66.7	45.2	−9.4	46.1	348.1	3.9	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
897	B50R_100_075dd	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	59.8	52.4	−7.0	52.9	352.3	0.973	0.267	0.85	59.5	54.7	−10.2	55.6	349.3	3.9	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
898	B50R_100_087dd	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	53.7	61.2	−8.2	61.7	352.3	0.954	0.179	0.852	51.1	67.8	−9.1	68.4	352.2	7.1	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
899	B50R_100_100dd	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3	1.0	0.0	1.0	47.1	69.5	−8.6	70.0	352.9	1.0	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
900	G00B_100_012dd	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	91.1	−8.1	4.1	9.1	152.8	0.848	0.992	0.896	92.8	−8.2	7.8	11.3	136.6	4.0	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
901	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	86.8	1.0	0.9	1.4	42.2	1.4	360	1.0	1.0	1.0	96.3	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	81.2	8.7	−1.1	8.8	352.3	0.886	0.791	0.867	80.2	11.4	−2.8	11.7	346.0	3.3	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
903	B50R_087_025dd	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	75.2	17.4	−2.3	17.6	352.3	0.889	0.656	0.843	74.6	19.6	−6.3	20.6	342.1	4.5	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
904	B50R_087_037dd	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	69.1	26.2	−3.5	26.4	352.3	0.868	0.51	0.825	70.5	28.8	−7.2	29.7	345.8	4.7	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
905	B50R_087_050dd	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	63.0	34.9	−4.7	35.3	352.3	0.864	0.382	0.805	63.3	39.2	−9.5	40.3	346.2	6.4	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
906	B50R_087_062dd	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	56.9	43.7	−5.8	44.1	352.3	0.855	0.249	0.792	57.0	47.8	−10.7	49.0	347.3	6.3	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
907	B50R_087_075dd	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	50.8	52.4	−7.0	52.9	352.3	0.835	0.162	0.766	49.6	61.2	−12.2	62.4	348.6	10.2	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
908	B50R_087_087dd	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	44.7	61.2	−8.2	61.7	352.3	0.835	0.05	0.753	44.3	65.4	−10.1	66.2	351.2	4.6	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
909	G00B_100_025dd	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	86.0	−16.3	8.3	18.3	152.8	0.678	1.0	0.758	88.9	−14.6	13.9	20.2	136.2	6.5	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
910	G00B_087_012dd	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	82.2	−8.1	4.1	9.1	152.8	0.733	0.891	0.79	82.1	−7.0	8.6	11.1	129.2	4.5	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
911	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	75.0	2.4	2.3	3.3	44.0	4.7	360	1.0	1.0	1.0	96.3	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	72.3	8.7	−1.1	8.8	352.3	0.777	0.693	0.791	69.2	11.9	−1.3	12.0	353.4	4.4	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
913	B50R_075_025dd	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	66.2	17.4	−2.3	17.6	352.3	0.771	0.556	0.753	64.1	20.0	−4.5	20.5	347.2	3.9	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
914	B50R_075_037dd	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	60.1	26.2	−3.5	26.4	352.3	0.761	0.387	0.73	59.0	26.8	−4.7	27.2	349.9	1.7	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
915	B50R_075_050dd	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	54.0	34.9	−4.7	35.3	352.3	0.754	0.262	0.715	52.8	36.8	−6.8	37.5	349.4	3.1	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
916	B50R_075_062dd	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	47.9	43.7	−5.8	44.1	352.3	0.729	0.153	0.687	46.5	49.9	−9.2	50.8	349.5	7.2	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
917	B50R_075_075dd	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	41.8	52.4	−7.0	52.9	352.3	0.704	0.045	0.653	40.5	59.8	−9.2	60.5	351.2	7.8	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
918	G00B_100_037dd	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	80.8	−24.4	12.5	27.5	152.8	0.549	1.0	0.623	83.8	−20.9	18.1	27.7	139.0	7.2	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
919	G00B_087_025dd	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	77.0	−16.3	8.3	18.3	152.8	0.583	0.856	0.644	79.1	−16.0	14.3	21.5	138.1	6.3	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
920	G00B_075_012dd	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	73.2	−8.1	4.1	9.1	152.8	0.614	0.775	0.679	72.0	−7.1	8.2	10.9	130.8	4.3	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
921	NW_062dd	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	69.4	0.0	0.0	0.0	0.0	0.643	0.697	0.709	63.7	2.3	1.9	3.0	39.5	6.4	360	1.0	1.0	1.0	96.3	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	63.3	8.7	−1.1	8.8	352.3	0.641	0.564	0.666	59.1	11.6	−0.1	11.6	359.1	5.1	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
923	B50R_062_025dd	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	57.2	17.4	−2.3	17.6	352.3	0.624	0.398	0.614	53.7	19.9	−3.7	20.3	349.3	4.5	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
924	B50R_062_037dd	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	51.1	26.2	−3.5	26.4	352.3	0.605	0.255	0.576	48.9	29.4	−5.2	29.8	349.9	4.2	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
925	B50R_062_050dd	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	45.0	34.9	−4.7	35.3	352.3	0.587	0.136	0.548	43.2	39.1	−6.8	39.7	350.0	5.0	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
926	B50R_062_062dd	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	39.0	43.7	−5.8	44.1	352.3	0.565	0.022	0.512	37.3	50.8	−8.9	51.6	350.0	7.8	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
927	G00B_100_050dd	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	75.7	−32.6	16.7	36.6	152.8	0.438	1.0	0.501	77.4	−28.7	19.9	34.9	145.2	5.3	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
928	G00B_087_037dd	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	71.9	−24.4	12.5	27.5	152.8	0.452	0.838	0.488	74.7	−24.9	16.1	29.7	147.1	4.6	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
929	G00B_075_025dd	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	68.1	−16.3	8.3	18.3	152.8	0.475	0.749	0.52	68.1	−15.6	12.2	19.8	142.0	3.9	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
930	G00B_062_012dd	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	64.2	−8.1	4.1	9.1	152.8	0.508	0.678	0.568	59.5	−5.8	7.7	9.7	127.3	6.3	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
931	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	60.4	0.0	0.0	0.0	0.0	0.533	0.596	0.601	52.4	1.6	3.4	3.8	65.2	8.8	360	1.0	1.0	1.0	96.3	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	54.3	8.7	−1.1	8.8	352.3	0.517	0.427	0.544	48.0	11.3	−0.1	11.3	359.2	6.9	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
933	B50R_050_025dd	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	48.2	17.4	−2.3	17.6	352.3	0.508	0.265	0.488	42.7	20.0	−4.0	20.4	348.5	6.3	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
934	B50R_050_037dd	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	42.2	26.2	−3.5	26.4	352.3	0.468	0.125	0.423	39.6	29.2	−5.6	29.7	348.9	4.4	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
935	B50R_050_050dd	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	36.1	34.9	−4.7	35.3	352.3	0.426	0.005	0.357	34.5	40.3	−7.9	41.1	348.8	6.4	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
936	G00B_100_062dd	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	70.5	−40.7	20.9	45.8	152.8	0.373	1.0	0.376	70.4	−37.9	24.3	45.0	147.2	4.4	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
937	G00B_087_050dd	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	66.7	−32.6	16.7	36.6	152.8	0.335	0.828	0.365	70.1	−33.5	20.5	39.3	148.5	5.1	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
938	G00B_075_037dd	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	62.9	−24.4	12.5	27.5	152.8	0.349	0.735	0.373	63.9	−24.6	15.4	29.0	147.9	3.0	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
939	G00B_062_025dd	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	59.1	−16.3	8.3	18.3	152.8	0.361	0.638	0.396	57.8	−15.0	11.5	18.9	142.5	3.6	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
940	G00B_050_012dd	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	55.3	−8.1	4.1	9.1	152.8	0.374	0.553	0.428	49.7	−4.9	7.3	8.8	124.1	7.1	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
941	NW_037dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	41.5	1.7	2.6	3.1	56.5	10.3	360	1.0	1.0	1.0	96.3	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	45.4	8.7	−1.1	8.8	352.3	0.389	0.293	0.407	40.3	10.4	−0.5	10.4	356.9	5.3	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
943	B50R_037_025dd	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	39.3	17.4	−2.3	17.6	352.3	0.354	0.138	0.319	36.3	20.2	−4.7	20.8	346.6	4.7	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
944	B50R_037_037dd	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	33.2	26.2	−3.5	26.4	352.3	0.316	0.0	0.234	33.1	30.8	−6.9	31.6	347.3	5.7	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
945	G00B_100_075dd	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	65.4	−48.9	25.1	55.0	152.8	0.238	0.874	0.25	64.3	−47.6	28.7	55.6	148.9	3.9	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
946	G00B_087_062dd	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	61.6	−40.7	20.9	45.8	152.8	0.23	0.822	0.259	66.0	−42.4	25.2	49.3	149.1	6.4	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
947	G00B_075_050dd	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	57.7	−32.6	16.7	36.6	152.8	0.227	0.727	0.252	60.0	−32.5	18.4	37.4	150.3	2.8	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
948	G00B_062_037dd	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	53.9	−24.4	12.5	27.5	152.8	0.25	0.631	0.271	54.9	−24.7	15.2	29.1	148.4	2.8	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
949	G00B_050_025dd	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	50.1	−16.3	8.3	18.3	152.8	0.263	0.538	0.282	48.8	−15.5	10.7	18.9	145.5	2.7	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
950	G00B_037_012dd	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	46.3	−8.1	4.1	9.1	152.8	0.28	0.452	0.318	40.5	−4.4	6.5	7.9	124.6	7.2	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
951	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	35.0	2.8	1.5	3.2	28.1	8.1	360	1.0	1.0	1.0	96.3	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	36.4	8.7	−1.1	8.8	352.3	0.275	0.19	0.274	33.3	10.8	−2.2	11.0	348.3	3.9	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
953	B50R_025_025dd	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	30.3	17.4	−2.3	17.6	352.3	0.23	0.005	0.149	32.1	20.5	−5.9	21.3	343.7	5.0	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
954	G00B_100_087dd	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	60.2	−57.0	29.3	64.1	152.8	0.125	0.875	0.125	58.5	−58.1	32.4	66.5	150.8	3.7	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
955	G00B_087_075dd	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	56.4	−48.9	25.1	55.0	152.8	0.117	0.793	0.119	60.4	−54.0	30.7	62.1	150.3	8.6	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
956	G00B_075_062dd	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	52.6	−40.7	20.9	45.8	152.8	0.116	0.677	0.105	56.0	−41.4	22.5	47.1	151.4	3.8	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
957	G00B_062_050dd	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	48.8	−32.6	16.7	36.6	152.8	0.119	0.576	0.091	51.4	−34.0	18.1	38.5	151.9	3.3	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
958	G00B_050_037dd	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	45.0	−24.4	12.5	27.5	152.8	0.121	0.479	0.081	45.5	−26.2	12.3	29.0	154.8	1.9	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
959	G00B_037_025dd	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	41.1	−16.3	8.3	18.3	152.8	0.108	0.367	0.089	40.7	−16.1	8.6	18.3	151.9	0.4	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
960	G00B_025_012dd	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	37.3	−8.1	4.1	9.1	152.8	0.121	0.285	0.14	35.3	−5.3	5.5	7.7	134.0	3.6	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
961	NW_012dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	33.5	0.0	0.0	0.0	0.0	0.151	0.194	0.187	28.2	1.1	1.6	2.0	53.5	5.7	360	1.0	1.0	1.0	96.3	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	27.4	8.7	−1.1	8.8	352.3	0.116	0.0	0.065	29.1	10.0	−3.0	10.4	342.9	2.8	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3
963	G00B_100_100dd	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8	0.0	1.0	0.0	56.1	−63.0	35.4	72.3	150.6	3.1	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
964	G00B_087_087dd	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	51.3	−57.0	29.3	64.1	152.8	0.03	0.665	0.0	53.6	−67.7	34.1	75.8	153.2	11.9	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
965	G00B_075_075dd	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	47.4	−48.9	25.1	55.0	152.8	0.0	0.536	0.0	52.8	−68.5	34.0	76.5	153.5	22.1	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
966	G00B_062_062dd	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	43.6	−40.7	20.9	45.8	152.8	0.0	0.5	0.0	49.3	−55.4	26.7	61.5	154.2	16.7	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
967	G00B_050_050dd	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	39.8	−32.6	16.7	36.6	152.8	0.125	0.501	0.0	44.5	−38.0	16.6	41.5	156.3	7.1	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
968	G00B_037_037dd	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	36.0	−24.4	12.5	27.5	152.8	0.0	0.375	0.0	39.8	−27.6	11.1	29.8	157.9	5.1	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
969	G00B_025_025dd	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	32.2	−16.3	8.3	18.3	152.8	0.0	0.25	0.0	36.0	−17.0	7.1	18.5	157.1	4.1	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
970	G00B_012_012dd	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	28.3	−8.1	4.1	9.1	152.8	0.0	0.125	0.0	31.9	−7.8	4.0	8.8	152.4	3.5	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
971	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.1	0.1	0.2	0.2	56.3	0.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta** **5.2**

1−1033031−F0 RE650−7N, Page 31/33−F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{dd}
output: 3D-linearization to $cmy0^*_{dd}$

1−1033031−F0

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.DAT in file (F), page 32/33

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**$_{Mdd}$				
972	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.2	0.0	0.2	358.6	0.5	360	1.0	1.0	1.0	96.3	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	33.5	0.0	0.0	0.0	0.0	0.151	0.194	0.187	27.5	1.2	1.1	1.7	43.8	6.2	360	1.0	1.0	1.0	96.3	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	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	34.0	3.0	1.0	3.2	19.6	9.0	360	1.0	1.0	1.0	96.3	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	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	41.9	2.3	2.0	3.1	40.7	10.0	360	1.0	1.0	1.0	96.3	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	60.4	0.0	0.0	0.0	0.0	0.533	0.596	0.601	53.2	1.9	2.8	3.4	55.8	8.0	360	1.0	1.0	1.0	96.3	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	69.4	0.0	0.0	0.0	0.0	0.643	0.697	0.709	64.5	2.5	1.6	3.0	31.7	5.7	360	1.0	1.0	1.0	96.3	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	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	75.5	2.6	1.8	3.2	34.5	4.3	360	1.0	1.0	1.0	96.3	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	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	86.9	1.1	0.4	1.2	20.3	1.3	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	−0.2	−0.2	0.3	225.2	0.3	360	1.0	1.0	1.0	96.3	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	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.3	0.1	0.0	0.1	33.7	1.2	360	1.0	1.0	1.0	96.3	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	33.5	0.0	0.0	0.0	0.0	0.151	0.194	0.187	27.3	1.2	0.9	1.5	35.9	6.4	360	1.0	1.0	1.0	96.3	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	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	34.5	2.9	1.0	3.1	18.6	8.5	360	1.0	1.0	1.0	96.3	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	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	41.9	2.2	1.8	2.8	39.4	9.9	360	1.0	1.0	1.0	96.3	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	60.4	0.0	0.0	0.0	0.0	0.533	0.596	0.601	53.4	2.1	2.3	3.1	48.3	7.7	360	1.0	1.0	1.0	96.3	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	69.4	0.0	0.0	0.0	0.0	0.643	0.697	0.709	64.4	2.6	1.1	2.9	22.5	5.7	360	1.0	1.0	1.0	96.3	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	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	75.7	2.8	1.2	3.1	22.6	4.1	360	1.0	1.0	1.0	96.3	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	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	87.2	1.4	0.0	1.4	358.2	1.4	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	−0.2	−0.4	0.4	235.7	0.4	360	1.0	1.0	1.0	96.3	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	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6	0.0	0.1	0.1	90.4	0.9	360	1.0	1.0	1.0	96.3	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	33.5	0.0	0.0	0.0	0.0	0.151	0.194	0.187	27.2	1.2	0.8	1.5	34.1	6.4	360	1.0	1.0	1.0	96.3	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	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	34.5	3.1	0.7	3.1	14.1	8.6	360	1.0	1.0	1.0	96.3	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	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	41.7	2.3	1.4	2.7	32.4	10.1	360	1.0	1.0	1.0	96.3	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	60.4	0.0	0.0	0.0	0.0	0.533	0.596	0.601	53.0	2.0	2.4	3.2	50.2	8.0	360	1.0	1.0	1.0	96.3	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	69.4	0.0	0.0	0.0	0.0	0.643	0.697	0.709	64.3	3.0	0.9	3.1	17.6	6.0	360	1.0	1.0	1.0	96.3	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	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	75.4	2.9	1.2	3.2	23.5	4.3	360	1.0	1.0	1.0	96.3	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	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	87.3	1.3	0.0	1.3	3.8	1.3	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	−0.3	−0.1	0.3	199.7	0.3	360	1.0	1.0	1.0	96.3	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	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.3	0.0	0.3	0.3	83.3	2.2	360	1.0	1.0	1.0	96.3	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	33.5	0.0	0.0	0.0	0.0	0.151	0.194	0.187	26.6	1.3	1.2	1.8	43.9	7.1	360	1.0	1.0	1.0	96.3	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	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	33.5	3.1	1.2	3.3	21.9	9.6	360	1.0	1.0	1.0	96.3	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	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	41.1	2.5	2.0	3.2	39.5	10.8	360	1.0	1.0	1.0	96.3	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	60.4	0.0	0.0	0.0	0.0	0.533	0.596	0.601	52.1	2.0	2.8	3.5	54.9	9.0	360	1.0	1.0	1.0	96.3	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	69.4	0.0	0.0	0.0	0.0	0.643	0.697	0.709	63.3	2.6	1.8	3.2	35.0	6.9	360	1.0	1.0	1.0	96.3	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	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	74.4	2.8	1.9	3.4	35.0	5.2	360	1.0	1.0	1.0	96.3	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	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	86.5	1.0	0.6	1.2	30.8	1.4	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	−0.4	0.1	0.4	166.0	0.4	360	1.0	1.0	1.0	96.3	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	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.5	0.1	−0.3	0.3	300.7	0.9	360	1.0	1.0	1.0	96.3	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	29.3	0.0	0.0	0.0	0.0	0.065	0.079	0.07	28.6	1.1	0.3	1.1	16.8	1.3	360	1.0	1.0	1.0	96.3	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	34.1	0.0	0.0	0.0	0.0	0.162	0.207	0.198	30.9	1.2	1.2	1.8	45.0	3.6	360	1.0	1.0	1.0	96.3	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	38.9	0.0	0.0	0.0	0.0	0.25	0.314	0.316	34.2	2.1	1.3	2.5	31.9	5.3	360	1.0	1.0	1.0	96.3	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	43.6	0.0	0.0	0.0	0.0	0.321	0.372	0.384	37.8	3.0	1.3	3.3	23.8	6.7	360	1.0	1.0	1.0	96.3	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	48.4	0.0	0.0	0.0	0.0	0.367	0.424	0.431	40.9	2.3	1.9	3.0	39.0	8.0	360	1.0	1.0	1.0	96.3	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	53.2	0.0	0.0	0.0	0.0	0.441	0.495	0.506	46.4	2.1	2.4	3.2	48.9	7.6	360	1.0	1.0	1.0	96.3	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	58.0	0.0	0.0	0.0	0.0	0.503	0.564	0.573	50.9	2.4	2.4	3.4	45.3	7.8	360	1.0	1.0	1.0	96.3	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	62.8	0.0	0.0	0.0	0.0	0.57	0.627	0.628	57.1	2.2	2.0	3.0	42.2	6.4	360	1.0	1.0	1.0	96.3	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	67.6	0.0	0.0	0.0	0.0	0.62	0.674	0.682	62.7	2.3	2.3	3.2	45.0	5.9	360	1.0	1.0	1.0	96.3	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	72.3	0.0	0.0	0.0	0.0	0.696	0.746	0.754	68.1	2.1	2.5	3.3	49.6	5.4	360	1.0	1.0	1.0	96.3	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	77.2	0.0	0.0	0.0	0.0	0.757	0.798	0.806	73.7	2.3	2.7	3.6	50.2	5.0	360	1.0	1.0	1.0	96.3	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	81.9	0.0	0.0	0.0	0.0	0.813	0.842	0.847	78.3	1.6	2.3	2.8	55.5	4.6	360	1.0	1.0	1.0	96.3	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	86.7	0.0	0.0	0.0	0.0	0.871	0.889	0.896	85.1	0.5	1.7	1.8	72.8	2.4	360	1.0	1.0	1.0	96.3	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	91.5	0.0	0.0	0.0	0.0	0.929	0.928	0.958	90.4	0.0	0.3	0.3	103.9	1.1	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.1	0.1	251.2	0.2	360	1.0	1.0	1.0	96.3	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	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.2	0.3	−0.3	0.5	315.8	1.7	360	1.0	1.0	1.0	96.3	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	29.3	0.0	0.0	0.0	0.0	0.065	0.079	0.07	29.3	1.2	0.1	1.3	6.5	1.3	360	1.0	1.0	1.0	96.3	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	34.1	0.0	0.0	0.0	0.0	0.162	0.207	0.198	31.1	1.5	0.9	1.8	31.5	3.4	360	1.0	1.0	1.0	96.3	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	38.9	0.0	0.0	0.0	0.0	0.25	0.314	0.316	35.0	2.3	1.1	2.6	25.8	4.6	360	1.0	1.0	1.0	96.3	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	43.6	0.0	0.0	0.0	0.0	0.321	0.372	0.384	38.0	3.4	0.9	3.5	14.7	6.6	360	1.0	1.0	1.0	96.3	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	48.4	0.0	0.0	0.0	0.0	0.367	0.424	0.431	41.6	2.6	1.6	3.1	30.9	7.4	360	1.0	1.0	1.0	96.3	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	53.2	0.0	0.0	0.0	0.0	0.441	0.495	0.506	46.8	2.4	2.1	3.2	40.6	7.2	360	1.0	1.0	1.0	96.3	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	58.0	0.0	0.0	0.0	0.0	0.503	0.564	0.573	51.5	2.7	2.0	3.4	36.7	7.3	360	1.0	1.0	1.0	96.3	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	62.8	0.0	0.0	0.0	0.0	0.57	0.627	0.628	57.3	2.4	1.8	3.0	36.4	6.2	360	1.0	1.0	1.0	96.3	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	67.6	0.0	0.0	0.0	0.0	0.62	0.674	0.682	62.9	2.7	1.5	3.1	29.3	5.6	360	1.0	1.0	1.0	96.3	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	72.3	0.0	0.0	0.0	0.0	0.696	0.746	0.754	67.6	2.4	1.9	3.1	39.4	5.6	360	1.0	1.0	1.0	96.3	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	77.2	0.0	0.0	0.0	0.0	0.757	0.798	0.806	73.2	2.7	1.9	3.4	35.2	5.2	360	1.0	1.0	1.0	96.3	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	81.9	0.0	0.0	0.0	0.0	0.813	0.842	0.847	78.2	1.9	1.6	2.5	40.6	4.5	360	1.0	1.0	1.0	96.3	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	86.7	0.0	0.0	0.0	0.0	0.871	0.889	0.896	84.9	0.7	1.3	1.5	61.8	2.3	360	1.0	1.0	1.0	96.3	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	91.5	0.0	0.0	0.0	0.0	0.929	0.928	0.958	90.6	0.0	0.1	0.1	68.6	0.8	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.3	0.3	275.9	0.3	360	1.0	1.0	1.0	96.3	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	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.6	0.3	−0.3	0.5	311.4	2.1	360	1.0	1.0	1.0	96.3	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	29.3	0.0	0.0	0.0	0.0	0.065	0.079	0.07	28.7	1.3	0.3	1.3	12.7	1.4	360	1.0	1.0	1.0	96.3	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	34.1	0.0	0.0	0.0	0.0	0.162	0.207	0.198	30.6	1.4	0.9	1.7	32.2	3.9	360	1.0	1.0	1.0	96.3	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	38.9	0.0	0.0	0.0	0.0	0.25	0.314	0.316	34.2	2.3	1.1	2.5	25.8	5.3	360	1.0	1.0	1.0	96.3	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	43.6	0.0	0.0	0.0	0.0	0.321	0.372	0.384	37.6	3.2	1.1	3.4	19.0	6.8	360	1.0	1.0	1.0	96.3	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	48.4	0.0	0.0	0.0	0.0	0.367	0.424	0.431	41.1	2.6	1.5	3.0	30.6	7.9	360	1.0	1.0	1.0	96.3	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	53.2	0.0	0.0	0.0	0.0	0.441	0.495	0.506	46.3	2.4	2.2	3.3	43.3	7.6	360	1.0	1.0	1.0	96.3	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	58.0	0.0	0.0	0.0	0.0	0.503	0.564	0.573	50.6	2.6	2.5	3.7	44.0	8.2	360	1.0	1.0	1.0	96.3	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	62.8	0.0	0.0	0.0	0.0	0.57	0.627	0.628	56.4	2.4	1.7	3.0	35.9	7.0	360	1.0	1.0	1.0	96.3	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	67.6	0.0	0.0	0.0	0.0	0.62	0.674	0.682	61.9	2.7	2.0	3.4	36.8	6.6	360	1.0	1.0	1.0	96.3	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	72.3	0.0	0.0	0.0	0.0	0.696	0.746	0.754	67.0	2.5	2.2	3.3	41.3	6.3	360	1.0	1.0	1.0	96.3	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	77.2	0.0	0.0	0.0	0.0	0.757	0.798	0.806	72.6	2.7	2.4	3.7	41.2	5.9	360	1.0	1.0	1.0	96.3	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	81.9	0.0	0.0	0.0	0.0	0.813	0.842	0.847	77.8	1.9	1.7	2.6	41.7	4.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta** **5.0**

1−1033131−F0

RE650−7N, Page 32/33−F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{dd}
output: 3D-linearization to $cmy0^*_{dd}$

1−1033131−F0

TUB registration: 20150701-RE65/RE65L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmy0* (CMY0)

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.DAT in file (F), page 33/33

n	HIC*$_{\text{Fdd}}$	*rgb*$_{\text{\_Fdd}}$			*ict*$_{\text{\_Fdd}}$			*h*$_{\text{si\_F,dd}}$	*rgb**$_{\text{Fdd}}$			*LabCh**$_{\text{Fdd}}$				
1053	NW_086$_{\text{dd}}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	86.7	0.0	0.0	0.0	0.0
1054	NW_093$_{\text{dd}}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.5	0.0	0.0	0.0	0.0
1055	NW_100$_{\text{dd}}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1056	NW_000$_{\text{dd}}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0
1057	NW_006$_{\text{dd}}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	29.3	0.0	0.0	0.0	0.0
1058	NW_013$_{\text{dd}}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	34.1	0.0	0.0	0.0	0.0
1059	NW_020$_{\text{dd}}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	38.9	0.0	0.0	0.0	0.0
1060	NW_026$_{\text{dd}}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	43.6	0.0	0.0	0.0	0.0
1061	NW_033$_{\text{dd}}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	48.4	0.0	0.0	0.0	0.0
1062	NW_040$_{\text{dd}}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	53.2	0.0	0.0	0.0	0.0
1063	NW_046$_{\text{dd}}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	58.0	0.0	0.0	0.0	0.0
1064	NW_053$_{\text{dd}}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	62.8	0.0	0.0	0.0	0.0
1065	NW_060$_{\text{dd}}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	67.6	0.0	0.0	0.0	0.0
1066	NW_066$_{\text{dd}}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	72.3	0.0	0.0	0.0	0.0
1067	NW_073$_{\text{dd}}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	77.2	0.0	0.0	0.0	0.0
1068	NW_080$_{\text{dd}}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	81.9	0.0	0.0	0.0	0.0
1069	NW_086$_{\text{dd}}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	86.7	0.0	0.0	0.0	0.0
1070	NW_093$_{\text{dd}}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.5	0.0	0.0	0.0	0.0
1071	NW_100$_{\text{dd}}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1072	NW_000$_{\text{dd}}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0
1073	NW_100$_{\text{dd}}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1074	R00Y_100_100$_{\text{dd}}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
1075	G50B_100_100$_{\text{dd}}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
1076	Y00G_100_100$_{\text{dd}}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
1077	B00R_100_100$_{\text{dd}}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
1078	G00B_100_100$_{\text{dd}}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
1079	B50R_100_100$_{\text{dd}}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3

n	*rgb'**$_{\text{Fdd}}$			*LabCh'**$_{\text{Fdd}}$					*DE'**$_{\text{Fdd}}$	*h*$_{\text{siM,dd}}$	*rgb**$_{\text{Mdd}}$			*LabCh**$_{\text{Mdd}}$				
1053	0.871	0.889	0.896	84.6	0.7	1.7	1.8	67.7	2.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1054	0.929	0.928	0.958	90.2	0.0	0.0	0.0	37.6	1.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1055	1.0	1.0	1.0	96.1	−0.1	0.0	0.1	179.0	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1056	0.0	0.0	0.0	25.5	0.2	0.0	0.2	344.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1057	0.065	0.079	0.07	28.2	1.2	0.5	1.3	23.9	1.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1058	0.162	0.207	0.198	30.2	1.3	1.4	1.9	46.7	4.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1059	0.25	0.314	0.316	33.6	2.1	1.5	2.6	35.6	5.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1060	0.321	0.372	0.384	36.8	3.0	1.3	3.3	23.7	7.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1061	0.367	0.424	0.431	40.0	2.6	1.7	3.1	32.8	8.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1062	0.441	0.495	0.506	45.3	2.3	2.6	3.5	48.8	8.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1063	0.503	0.564	0.573	49.7	2.6	2.7	3.7	45.6	9.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1064	0.57	0.627	0.628	55.5	2.3	2.3	3.2	45.3	7.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1065	0.62	0.674	0.682	61.1	2.7	2.1	3.5	38.0	7.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1066	0.696	0.746	0.754	66.4	2.2	2.9	3.7	52.7	7.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1067	0.757	0.798	0.806	72.0	2.8	2.5	3.8	41.6	6.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1068	0.813	0.842	0.847	77.2	1.9	2.0	2.8	46.7	5.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1069	0.871	0.889	0.896	84.3	0.5	2.1	2.1	76.2	3.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1070	0.929	0.928	0.958	90.3	0.0	0.3	0.3	85.6	1.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1071	1.0	1.0	1.0	96.0	0.0	0.0	0.0	13.6	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1072	0.0	0.0	0.0	25.2	0.0	0.0	0.0	338.7	0.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1073	1.0	1.0	1.0	96.2	0.0	0.1	0.1	111.9	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1074	1.0	0.0	0.0	45.9	59.1	41.6	72.3	35.1	1.7	389	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1
1075	0.0	0.999	0.999	52.6	−33.0	−38.9	51.0	229.7	0.7	210	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6
1076	1.0	1.0	0.0	90.9	−14.2	87.8	88.9	99.2	3.5	89	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5
1077	0.0	0.0	0.999	31.4	22.7	−42.7	48.4	298.0	1.1	270	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0
1078	0.0	1.0	0.0	54.2	−66.0	35.6	75.0	151.6	2.4	149	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8
1079	1.0	0.0	1.0	46.5	71.9	−10.7	72.7	351.5	2.6	330	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3

Mean color difference of this page: **delta** **3.8**

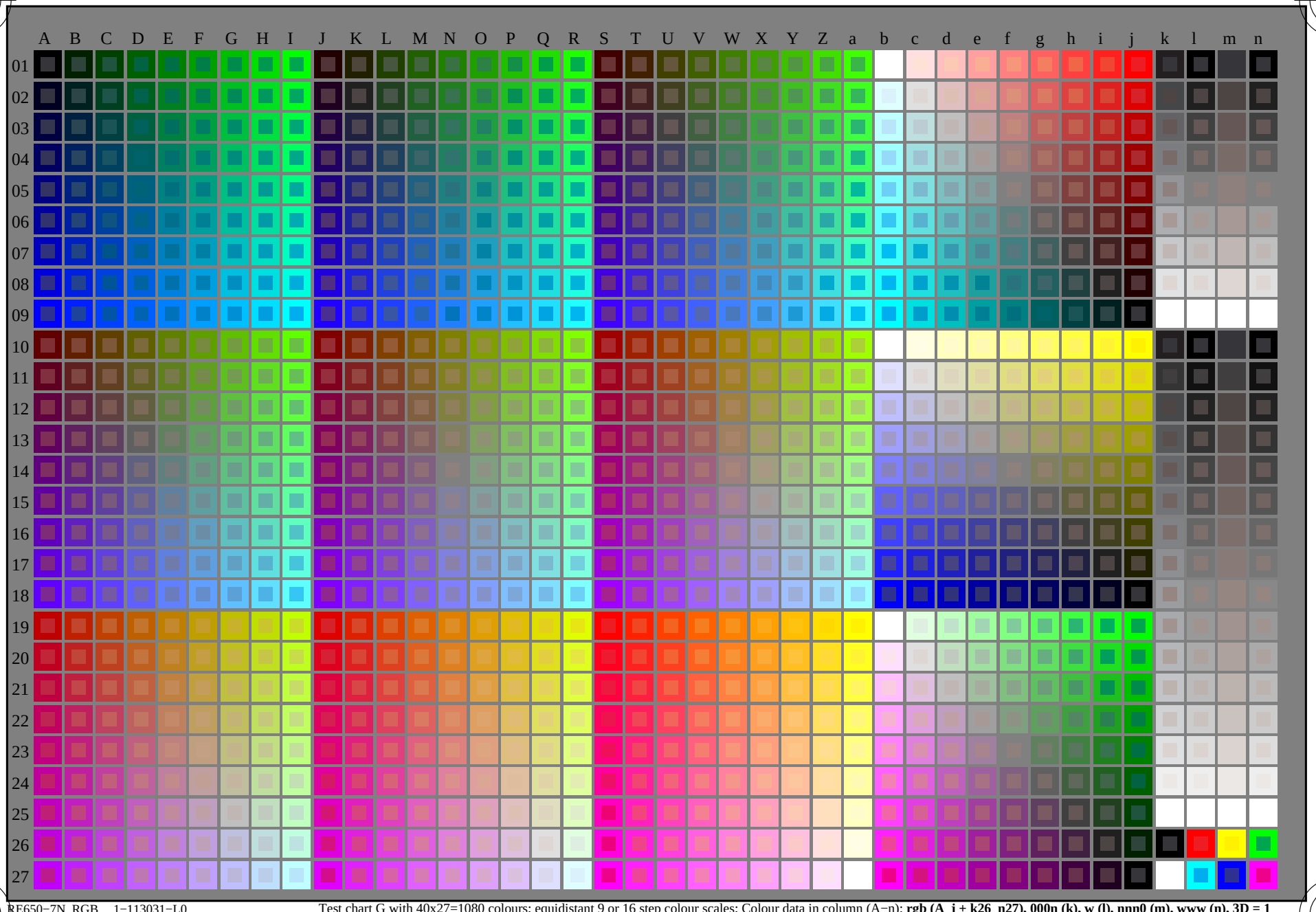
1-1033231-F0

RE650-7N, Page 33/33-F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, Δ*E'**

input: *rgb/cmyk* −> *rgb*$_{\text{dd}}$
output: 3D-linearization to *cmy0**$_{\text{dd}}$

see similar files: http://130.149.60.45/~farbmetrik/RE65/RE65.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

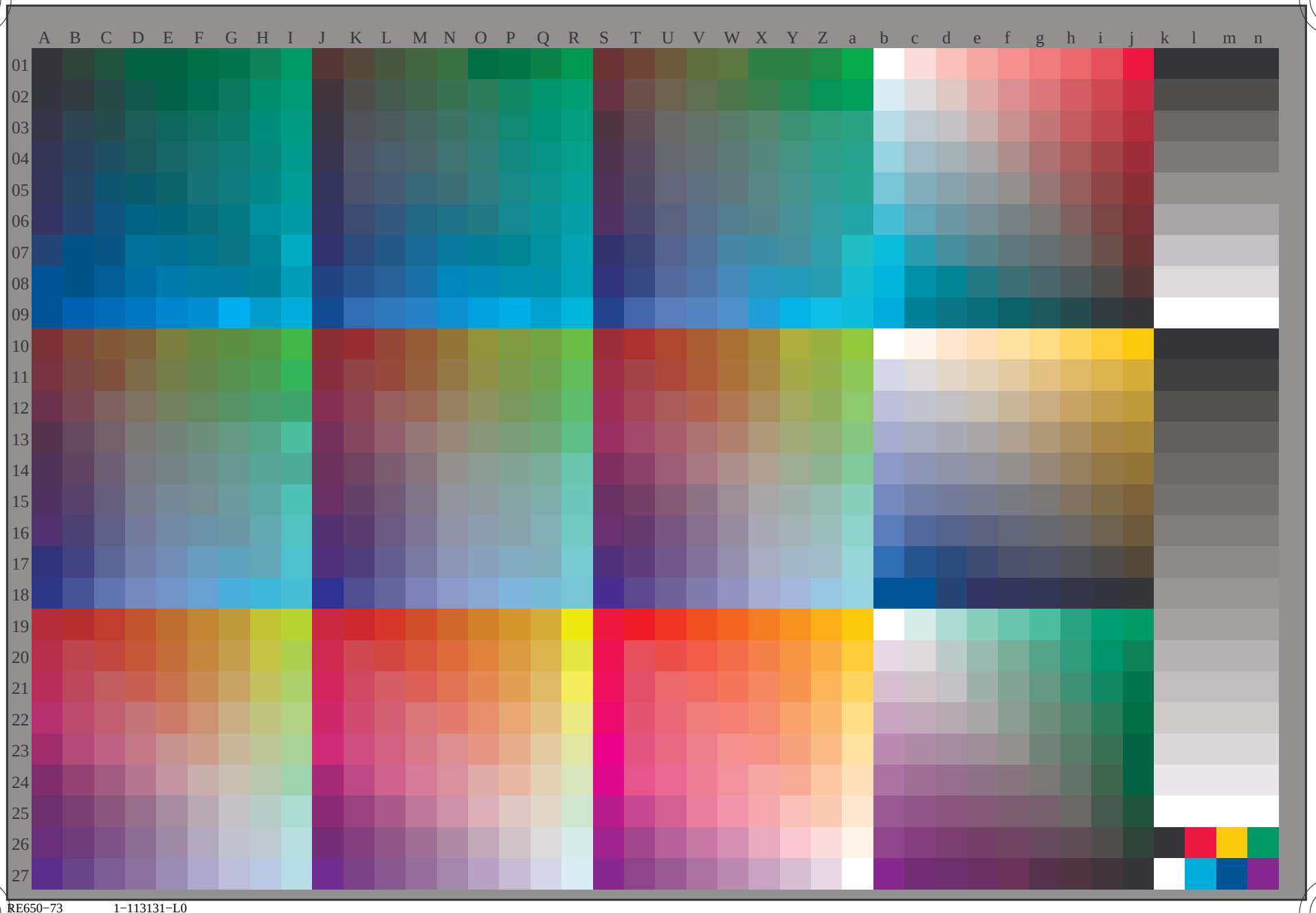


RE650−7N_RGB 1−113031−L0

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**

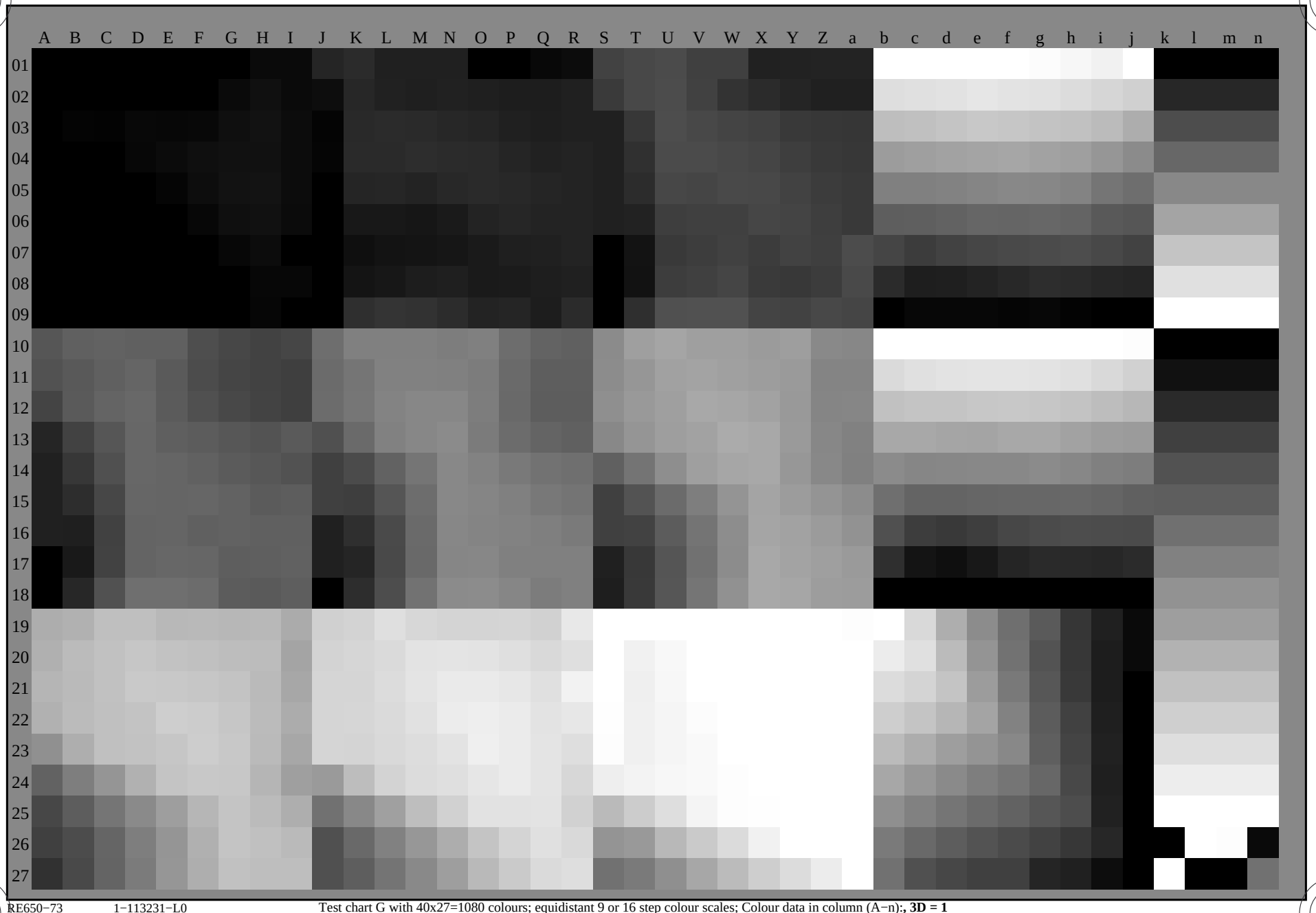
TUB-test chart RE65; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

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



TUB-test chart RE65; 1080 standard colours, *cf*=1
Test chart according to DIN 33872, 3D=1, de=1, *cmy0**

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to $cmy0^*_{de}$

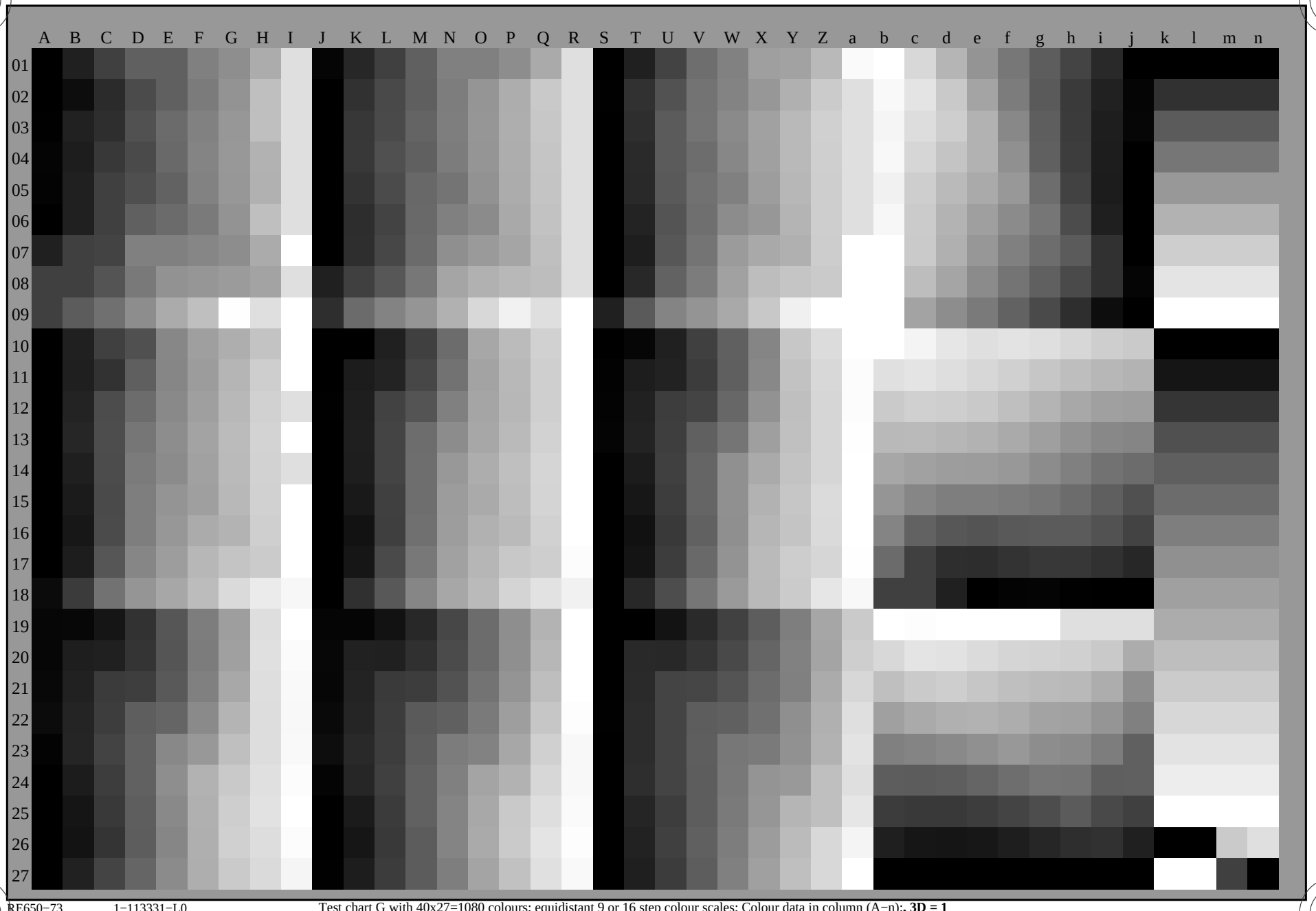


RE650−73 1−113231−L0 Test chart G with 40x27=1080 colours; equidistant 9 or 16 step colour scales; Colour data in column (A−n):, **3D = 1**

TUB-test chart RE65; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

input: *rgb/cmyk −> rgb*$_{de}$
output: 3D-linearization to *cmy0**$_{de}$

1−113231−F0



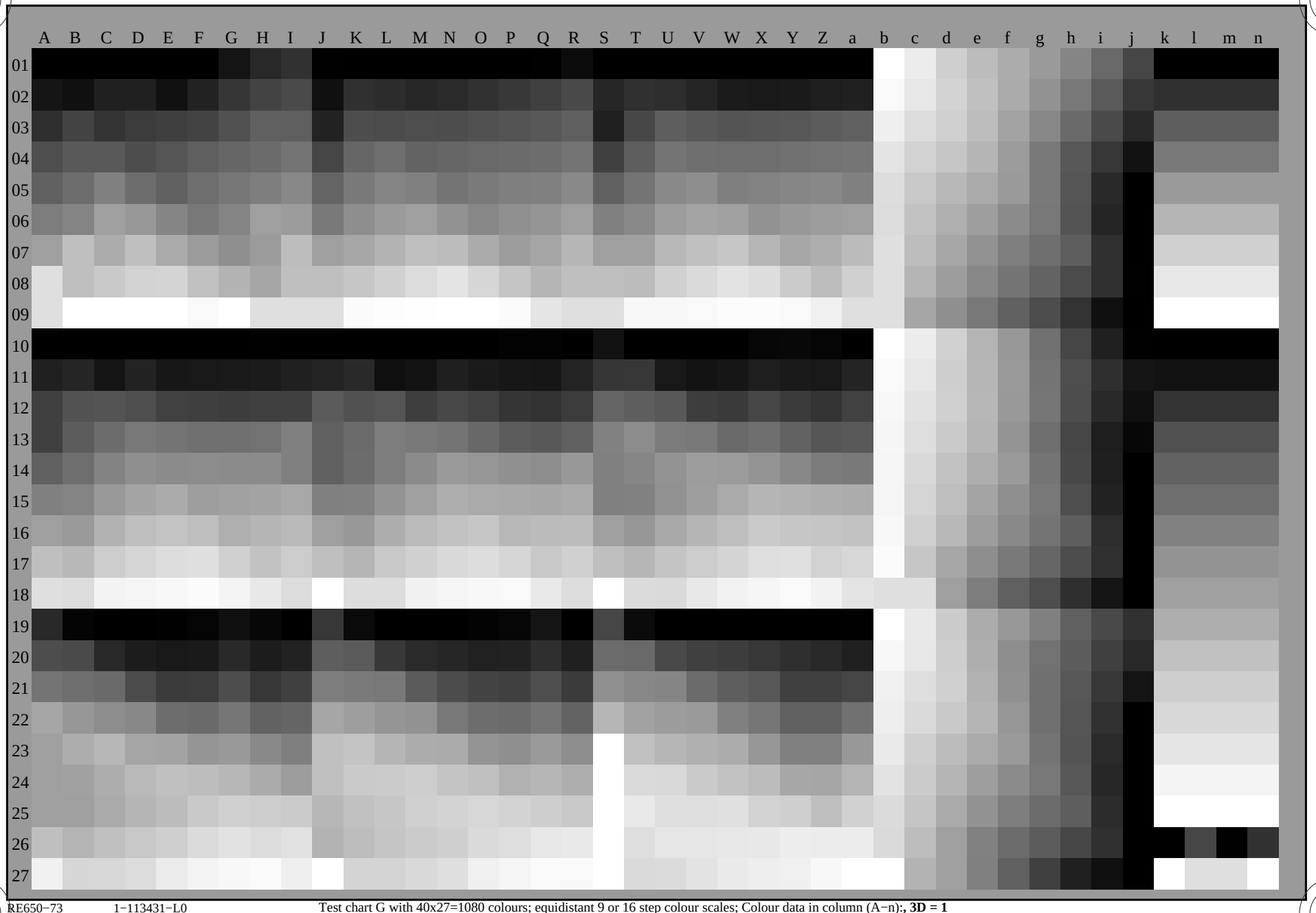
RE650−73 1−113331−L0

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 RE65; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

input: *rgb/cmyk −> rgb*$_{de}$
output: 3D-linearization to *cmy0**$_{de}$

1−113331−F0



RE650−73 1−113431−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 RE65; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

input: *rgb/cmyk −> rgb*$_{de}$
output: 3D-linearization to *cmy0**$_{de}$

1−113431−F0

TUB registration: 20150701-RE65/RE65L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmy0* (CMY0)

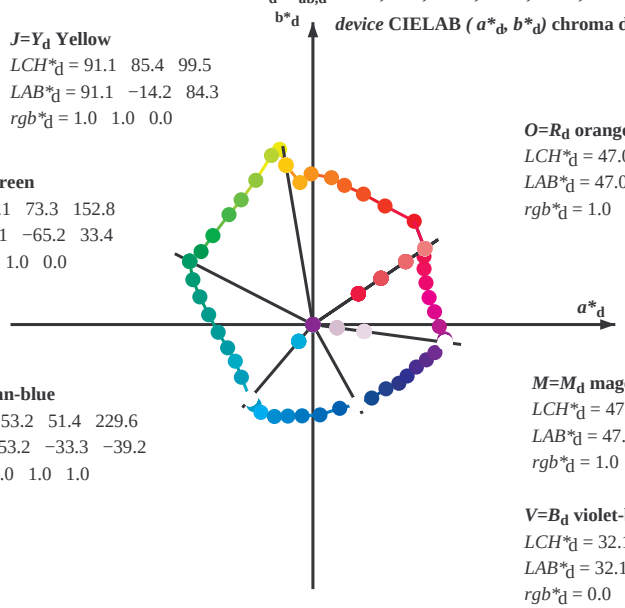
RE650−73 1−113531−L0

TUB-test chart RE65; 1080 standard colours, *cf*=1
Test chart according to DIN 33872

input: *rgb/cmyk −> rgb*$_{de}$
output: 3D-linearization to *cmy0**$_{de}$

1−113531−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*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6



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

J=Y_d Yellow
LCH^*_d = 91.1 85.4 99.5
LAB^*_d = 91.1 −14.2 84.3
rgb^*_d = 1.0 1.0 0.0

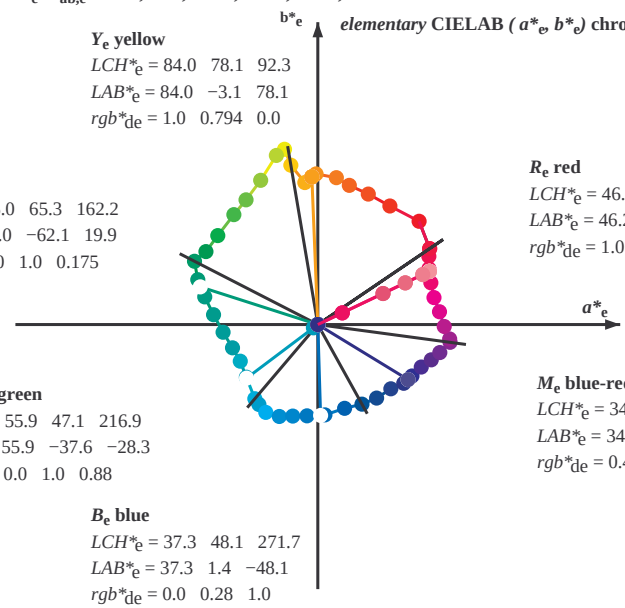
O=R_d orange-red
LCH^*_d = 47.0 71.5 34.1
LAB^*_d = 47.0 59.1 40.1
rgb^*_d = 1.0 0.0 0.0

L=G_d leaf-green
LCH^*_d = 55.1 73.3 152.8
LAB^*_d = 55.1 −65.2 33.4
rgb^*_d = 0.0 1.0 0.0

C=C_d cyan-blue
LCH^*_d = 53.2 51.4 229.6
LAB^*_d = 53.2 −33.3 −39.2
rgb^*_d = 0.0 1.0 1.0

M=M_d magenta-red
LCH^*_d = 47.6 70.6 352.3
LAB^*_d = 47.6 69.9 −9.4
rgb^*_d = 1.0 0.0 1.0

V=B_d violet-blue
LCH^*_d = 32.1 48.1 299.0
LAB^*_d = 32.1 23.3 −42.1
rgb^*_d = 0.0 0.0 1.0



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

Y_e yellow
LCH^*_e = 84.0 78.1 92.3
LAB^*_e = 84.0 −3.1 78.1
rgb^*_{de} = 1.0 0.794 0.0

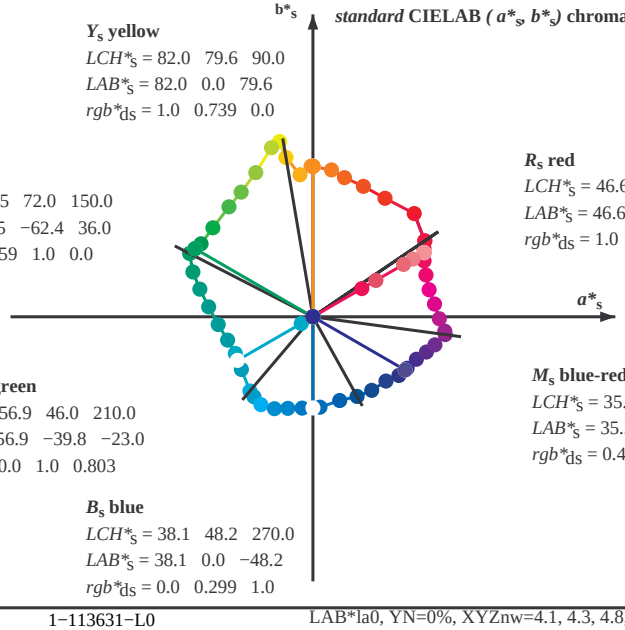
R_e red
LCH^*_e = 46.2 65.4 25.4
LAB^*_e = 46.2 59.0 28.1
rgb^*_{de} = 1.0 0.0 0.273

G_e green
LCH^*_e = 55.0 65.3 162.2
LAB^*_e = 55.0 −62.1 19.9
rgb^*_{de} = 0.0 1.0 0.175

C_e blue-green
LCH^*_e = 55.9 47.1 216.9
LAB^*_e = 55.9 −37.6 −28.3
rgb^*_{de} = 0.0 1.0 0.88

M_e blue-red
LCH^*_e = 34.6 55.9 328.6
LAB^*_e = 34.6 47.7 −29.1
rgb^*_{de} = 0.439 0.0 1.0

B_e blue
LCH^*_e = 37.3 48.1 271.7
LAB^*_e = 37.3 1.4 −48.1
rgb^*_{de} = 0.0 0.28 1.0



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

Y_s yellow
LCH^*_s = 82.0 79.6 90.0
LAB^*_s = 82.0 0.0 79.6
rgb^*_{ds} = 1.0 0.739 0.0

R_s red
LCH^*_s = 46.6 67.9 30.0
LAB^*_s = 46.6 58.8 33.9
rgb^*_{ds} = 1.0 0.0 0.164

G_s green
LCH^*_s = 56.5 72.0 150.0
LAB^*_s = 56.5 −62.4 36.0
rgb^*_{ds} = 0.059 1.0 0.0

C_s blue-green
LCH^*_s = 56.9 46.0 210.0
LAB^*_s = 56.9 −39.8 −23.0
rgb^*_{ds} = 0.0 1.0 0.803

M_s blue-red
LCH^*_s = 35.2 56.3 330.0
LAB^*_s = 35.2 48.8 −28.1
rgb^*_{ds} = 0.47 0.0 1.0

B_s blue
LCH^*_s = 38.1 48.2 270.0
LAB^*_s = 38.1 0.0 −48.2
rgb^*_{ds} = 0.0 0.299 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*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

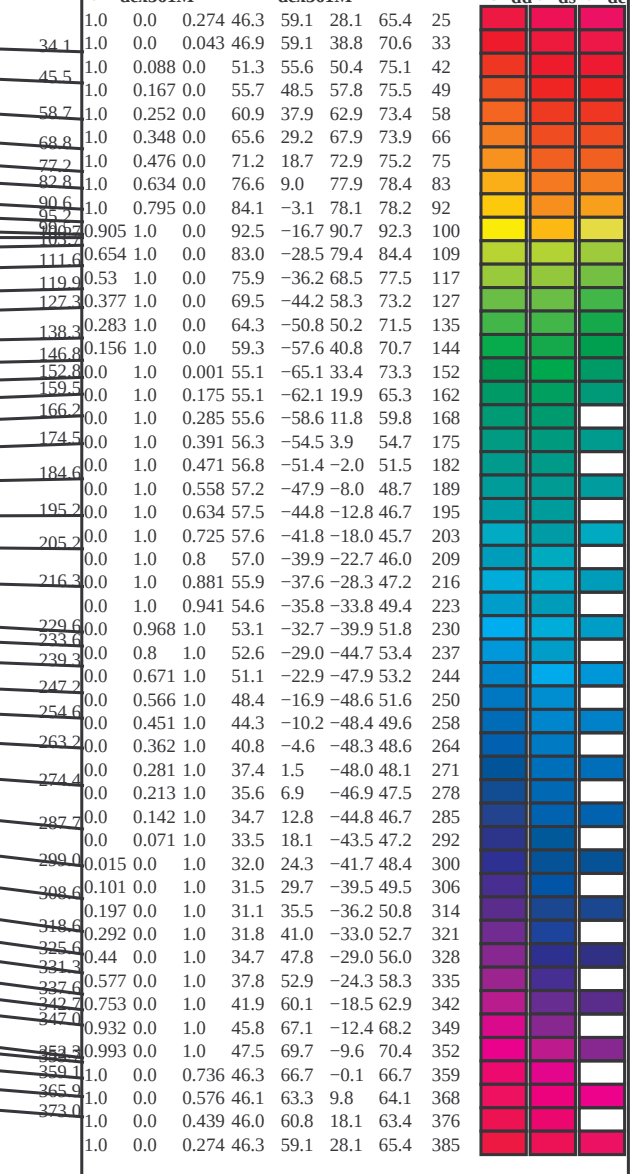
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd64M			*LAB**ddx64M (x=LabCh)					*rgb**ddx361M			*LAB**ddx361M (x=LabCh)					*rgb**dsx361M			*LAB**dsx361M (x=LabCh)					*rgb**dex361M			*LAB**dex361M					rgb*$_{dd}$	*rgb**$_{ds}$	*rgb**$_{de}$
34.1	30.0	25.4	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1	1.0	0.0	0.0	47.1	59.2	40.2	71.5	34	1.0	0.0	0.165	46.6	58.8	34.0	67.9	30	1.0	0.0	0.274	46.3	59.1	28.1	65.4	25			
45.5	37.5	33.8	1.0	0.125	0.0	53.0	53.6	54.6	76.5	45.5	1.0	0.117	0.0	52.7	54.1	53.7	76.2	44	1.0	0.031	0.0	48.5	58.1	43.8	72.8	37	1.0	0.0	0.043	46.9	59.1	38.8	70.6	33			
58.7	45.0	42.1	1.0	0.25	0.0	60.8	38.1	62.7	73.4	58.7	1.0	0.25	0.0	60.8	38.1	62.7	73.4	58	1.0	0.119	0.0	52.8	54.0	54.0	76.3	45	1.0	0.088	0.0	51.3	55.6	50.4	75.1	42			
68.8	52.5	50.5	1.0	0.375	0.0	66.8	26.7	69.0	74.0	68.8	1.0	0.367	0.0	66.5	27.5	68.7	74.0	68	1.0	0.186	0.0	56.9	46.2	59.1	75.0	52	1.0	0.167	0.0	55.7	48.5	57.8	75.5	49			
77.2	60.0	58.8	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2	1.0	0.5	0.0	72.2	16.7	73.7	75.5	77	1.0	0.266	0.0	61.6	36.7	63.6	73.5	60	1.0	0.252	0.0	60.9	37.9	62.9	73.4	58			
82.8	67.5	67.2	1.0	0.625	0.0	76.1	9.8	77.6	78.3	82.8	1.0	0.617	0.0	75.9	10.3	77.4	78.1	82	1.0	0.352	0.0	65.8	28.9	68.0	73.9	67	1.0	0.348	0.0	65.6	29.2	67.9	73.9	66			
90.6	75.0	75.6	1.0	0.75	0.0	82.6	−0.9	79.7	79.7	90.6	1.0	0.75	0.0	82.6	−0.9	79.7	79.7	−269	1.0	0.467	0.0	70.8	19.4	72.6	75.1	75	1.0	0.476	0.0	71.2	18.7	72.9	75.2	75			
95.2	82.5	83.9	1.0	0.875	0.0	86.7	−6.8	75.1	75.4	95.2	1.0	0.867	0.0	86.4	−6.4	75.5	75.7	94	1.0	0.607	0.0	75.6	10.8	77.2	77.9	82	1.0	0.634	0.0	76.6	9.0	77.9	78.4	83			
99.5	90.0	92.3	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5	1.0	1.0	0.0	91.1	−14.2	84.3	85.5	99	1.0	0.739	0.0	82.1	0.0	79.6	79.6	90	1.0	0.795	0.0	84.1	−3.1	78.1	78.2	92			
100.7	97.5	101.0	0.875	1.0	0.0	92.9	−17.6	92.7	94.4	100.7	0.883	1.0	0.0	92.8	−17.3	92.2	93.8	100	1.0	0.926	0.0	88.5	−9.6	79.0	79.5	97	0.905	1.0	0.0	92.5	−16.7	90.7	92.3	100			
103.7	105.0	109.7	0.75	1.0	0.0	89.4	−21.9	89.4	92.1	103.7	0.75	1.0	0.0	89.5	−21.8	89.5	92.1	103	0.73	1.0	0.0	88.2	−23.3	87.5	90.6	105	0.654	1.0	0.0	83.0	−28.5	79.4	84.4	109			
111.6	112.5	118.5	0.625	1.0	0.0	81.0	−30.2	76.3	82.0	111.6	0.633	1.0	0.0	81.6	−29.7	77.2	82.8	111	0.619	1.0	0.0	80.8	−30.5	75.9	81.8	112	0.53	1.0	0.0	75.9	−36.2	68.5	77.5	117			
119.9	120.0	127.2	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9	0.5	1.0	0.0	74.3	−37.9	66.0	76.1	119	0.499	1.0	0.0	74.3	−37.9	65.9	76.1	120	0.377	1.0	0.0	69.5	−44.2	58.3	73.2	127			
127.3	127.5	136.0	0.375	1.0	0.0	69.4	−44.4	58.1	73.1	127.3	0.383	1.0	0.0	69.7	−43.9	58.7	73.4	126	0.381	1.0	0.0	69.7	−44.0	58.6	73.3	127	0.283	1.0	0.0	64.3	−50.8	50.2	71.5	135			
138.3	135.0	144.7	0.25	1.0	0.0	62.4	−52.9	47.0	70.8	138.3	0.25	1.0	0.0	62.5	−52.8	47.1	70.8	138	0.288	1.0	0.0	64.6	−50.5	50.6	71.6	135	0.156	1.0	0.0	59.3	−57.6	40.8	70.7	144			
146.8	142.5	153.4	0.125	1.0	0.0	58.2	−59.2	38.6	70.6	146.8	0.133	1.0	0.0	58.5	−58.7	39.2	70.7	146	0.197	1.0	0.0	60.7	−55.7	43.6	70.8	142	0.0	1.0	0.001	55.1	−65.1	33.4	73.3	152			
152.8	150.0	162.2	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8	0.0	1.0	0.0	55.1	−65.2	33.5	73.3	152	0.06	1.0	0.0	56.6	−62.3	36.0	72.1	150	0.0	1.0	0.175	55.1	−62.1	19.9	65.3	162			
159.5	157.5	169.0	0.0	1.0	0.125	54.8	−63.5	23.7	67.8	159.5	0.0	1.0	0.117	54.8	−63.6	24.4	68.2	159	0.0	1.0	0.078	54.9	−64.2	27.3	69.9	157	0.0	1.0	0.285	55.6	−58.6	11.8	59.8	168			
166.2	165.0	175.9	0.0	1.0	0.25	55.4	−59.8	14.6	61.5	166.2	0.0	1.0	0.25	55.4	−59.7	14.6	61.6	166	0.0	1.0	0.227	55.3	−60.5	16.2	62.7	165	0.0	1.0	0.391	56.3	−54.5	3.9	54.7	175			
174.5	172.5	182.7	0.0	1.0	0.375	56.2	−55.1	5.2	55.4	174.5	0.0	1.0	0.367	56.2	−55.4	5.8	55.8	174	0.0	1.0	0.336	56.0	−56.7	8.0	57.3	172	0.0	1.0	0.471	56.8	−51.4	−2.0	51.5	182			
184.6	180.0	189.6	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6	0.0	1.0	0.5	56.9	−50.0	−4.0	50.3	184	0.0	1.0	0.442	56.6	−52.6	0.0	52.7	180	0.0	1.0	0.558	57.2	−47.9	−8.0	48.7	189			
195.2	187.5	196.4	0.0	1.0	0.625	57.4	−45.1	−12.3	46.7	195.2	0.0	1.0	0.617	57.4	−45.4	−11.7	47.0	194	0.0	1.0	0.528	57.0	−49.1	−5.9	49.5	187	0.0	1.0	0.634	57.5	−44.8	−12.8	46.7	195			
205.2	195.0	203.2	0.0	1.0	0.75	57.5	−41.0	−19.3	45.3	205.2	0.0	1.0	0.75	57.6	−41.0	−19.3	45.4	205	0.0	1.0	0.622	57.5	−45.2	−12.0	46.9	195	0.0	1.0	0.725	57.6	−41.8	−18.0	45.7	203			
216.3	202.5	210.1	0.0	1.0	0.875	56.0	−37.8	−27.8	46.9	216.3	0.0	1.0	0.867	56.1	−38.0	−27.2	46.9	215	0.0	1.0	0.709	57.5	−42.4	−17.1	45.9	202	0.0	1.0	0.8	57.0	−39.9	−22.7	46.0	209			
229.6	210.0	216.9	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6	0.0	1.0	1.0	53.3	−33.2	−39.2	51.5	229	0.0	1.0	0.803	56.9	−39.8	−22.9	46.1	210	0.0	1.0	0.881	55.9	−37.6	−28.3	47.2	216			
233.6	217.5	223.8	0.0	0.875	1.0	52.6	−31.1	−42.2	52.5	233.6	0.0	0.883	1.0	52.7	−31.2	−42.0	52.5	233	0.0	1.0	0.881	55.9	−37.6	−28.3	47.2	217	0.0	1.0	0.941	54.6	−35.8	−33.8	49.4	223			
239.3	225.0	230.6	0.0	0.75	1.0	52.6	−27.5	−46.4	54.0	239.3	0.0	0.75	1.0	52.6	−27.4	−46.4	54.0	239	0.0	1.0	0.956	54.2	−35.2	−35.2	49.9	225	0.0	0.968	1.0	53.1	−32.7	−39.9	51.8	230			
247.2	232.5	237.5	0.0	0.625	1.0	50.2	−20.3	−48.6	52.7	247.2	0.0	0.633	1.0	50.4	−20.8	−48.4	52.8	246	0.0	0.926	1.0	52.9	−32.0	−41.0	52.1	232	0.0	0.8	1.0	52.6	−29.0	−44.7	53.4	237			
254.6	240.0	244.3	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6	0.0	0.5	1.0	46.3	−13.2	−48.3	50.2	254	0.0	0.74	1.0	52.4	−26.9	−46.6	53.9	240	0.0	0.671	1.0	51.1	−22.9	−47.9	53.2	244			
263.2	247.5	251.2	0.0	0.375	1.0	41.3	−5.7	−48.3	48.6	263.2	0.0	0.383	1.0	41.7	−6.1	−48.3	48.8	262	0.0	0.629	1.0	50.3	−20.5	−48.5	52.8	247	0.0	0.566	1.0	48.4	−16.9	−48.6	51.6	250			
274.4	255.0	258.0	0.0	0.25	1.0	36.0	3.7	−47.8	47.9	274.4	0.0	0.25	1.0	36.1	3.7	−47.7	48.0	274	0.0	0.495	1.0	46.1	−12.9	−48.4	50.2	255	0.0	0.451	1.0	44.3	−10.2	−48.4	49.6	258			
287.7	262.5	264.8	0.0	0.125	1.0	34.4	14.1	−44.3	46.5	287.7	0.0	0.133	1.0	34.6	13.5	−44.5	46.6	286	0.0	0.393	1.0	42.1	−6.7	−48.3	48.9	262	0.0	0.362	1.0	40.8	−4.6	−48.3	48.6	264			
299.0	270.0	271.7	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0	0.0	0.0	1.0	32.1	23.4	−42.0	48.2	299	0.0	0.3	1.0	38.2	0.0	−48.1	48.2	270	0.0	0.281	1.0	37.4	1.5	−48.0	48.1	271			
308.6	277.5	278.8	0.125	0.0	1.0	31.3	31.1	−38.9	49.8	308.6	0.117	0.0	1.0	31.4	30.6	−39.1	49.7	308	0.0	0.226	1.0	35.8	5.8	−47.2	47.7	277	0.0	0.213	1.0	35.6	6.9	−46.9	47.5	278			
318.6	285.0	285.9	0.25	0.0	1.0	30.9	38.6	−34.0	51.4	318.6	0.25	0.0	1.0	30.9	38.7	−33.9	51.5	318	0.0	0.151	1.0	34.8	12.1	−45.1	46.8	285	0.0	0.142	1.0	34.7	12.8	−44.8	46.7	285			
325.6	292.5	293.0	0.375	0.0	1.0	33.4	45.4	−31.0	55.0	325.6	0.367	0.0	1.0	33.3	45.0	−31.2	54.8	325	0.0	0.078	1.0	33.6	17.7	−43.6	47.2	292	0.0	0.071	1.0	33.5	18.1	−43.5	47.2	292			
331.3	300.0	300.1	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3	0.5	0.0	1.0	35.8	49.8	−27.1	56.8	331	0.013	0.0	1.0	32.1	24.2	−41.8	48.3	300	0.015	0.0	1.0	32.0	24.3	−41.7	48.4	300			
337.6	307.5	307.2	0.625	0.0	1.0	39.0	54.7	−22.4	59.1	337.6	0.617	0.0	1.0	38.8	54.4	−22.7	59.0	337	0.104	0.0	1.0	31.5	29.8	−39.5	49.6	307	0.101	0.0	1.0	31.5	29.7	−39.5	49.5	306			
342.7	315.0	314.3	0.75	0.0	1.0	41.8	60.0	−18.6	62.8	342.7	0.75	0.0	1.0	41.9	60.0	−18.6	62.9	342	0.204	0.0	1.0	31.1	36.0	−35.9	50.9	315	0.197	0.0	1.0	31.1	35.5	−36.2	50.8	314			
347.0	322.5	321.4	0.875	0.0	1.0	44.2	64.5	−14.8	66.2	347.0	0.867	0.0	1.0	44.1	64.3	−15.0	66.0	346	0.31	0.0	1.0	32.1	41.9	−32.6	53.2	322	0.292	0.0	1.0	31.8	41.0	−33.0	52.7	321			
352.3	330.0	328.6	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3	1.0	0.0	1.0	47.7	70.0	−9.3	70.6	352	0.47	0.0	1.0	35.3	48.8	−28.1	56.4	330	0.44	0.0	1.0	34.7	47.8	−29.0	56.0	328			
353.7	337.5	335.7	1.0	0.0	0.875	46.9	69.7	−7.6	70.1	353.7	1.0	0.0	0.883	47.0	69.8	−7.6	70.2	353	0.612	0.0	1.0	38.7	54.2	−22.9	58.9	337	0.577	0.0	1.0	37.8	52.9	−24.3	58.3	335			
359.1	345.0	342.8	1.0	0.0	0.75	46.3	66.8	−1.0	66.8	359.1	1.0	0.0	0.75	46.3	66.9	−0.9	66.9	359	0.815	0.0	1.0	43.1	62.4	−16.6	64.6	345	0.753	0.0	1.0	41.9	60.1	−18.5	62.9	342			
365.9	352.5	349.9	1.0	0.0	0.625	46.1	64.3	6.7	64.7	365.9	1.0	0.0	0.633	46.1	64.6	6.3	64.9	365	0.992	0.0	1.0	47.4	69.7	−9.7	70.3	352	0.932	0.0	1.0	45.8	67.1	−12.4	68.2	349			
373.0	360.0	357.0	1.0	0.0	0.5	46.0	61.4	14.2	63.1	373.0	1.0	0.0	0.5	46.1	61.5	14.3	63.1	373	1.0	0.0	0.734	46.3	66.6	0.0	66.6	360	0.993	0.0	1.0	47.5	69.7	−9.6	70.4	352			
380.2	367.5	364.1	1.0	0.0	0.375	45.8	59.8	22.0	63.7	380.2	1.0	0.0	0.383	45.9	60.0	21.6	63.7	379	1.0	0.0	0.607	46.1	64.0	7.9	64.5	367	1.0	0.0	0.736	46.3	66.7	−0.1	66.7	359			
386.6	375.0	371.2	1.0	0.0	0.25	46.3	58.7	29.5	65.8	386.6	1.0	0.0	0.25	46.4	58.8	29.6	65.8	386	1.0	0.0	0.467	46.0	61.1	16.4	63.3	375	1.0	0.0	0.576	46.1	63.3	9.8	64.1	368			
391.5	382.5	378.3	1.0	0.0	0.125	46.7	58.7	36.0	68.9	391.5	1.0	0.0	0.133	46.7	58.8	35.6	68.7	391	1.0	0.0	0.341	46.0	59.6	24.1	64.3	382	1.0	0.0	0.439	46.0	60.8	18.1	63.4	376			
394.1	390.0	385.4	1.0	0.0	0.0	47.0	59.1	40.1	71.5	394.1	1.0	0.0	0.0	47.1	59.2	40.2	71.5	394	1.0	0.0	0.165	46.6	58.8	34.0	67.9	390	1.0	0.0	0.274	46.3	59.1	28.1	65.4	385			

TUB-test chart RE65; 1080 standard colours, *cf*=1
48 step hue circles; *rgb*−*LabCh**tables

input: *rgb/cmyk* −> *rgb*$_{de}$
output: 3D-linearization to *cmy0**$_{de}$

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*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd64M			*LAB** ddx64M (x=LabCh)					*rgb** dex361M			*LAB** dex361M					rgb*$_{dd}$	*rgb**$_{ds}$	*rgb**$_{de}$
34.1	30.0	25.4	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34.1	1.0	0.0	0.274	46.3	59.1	28.1	65.4	25			
45.5	37.5	33.8	1.0	0.125	0.0	53.0	53.6	54.6	76.5	45.5	1.0	0.0	0.043	46.9	59.1	38.8	70.6	33			
58.7	45.0	42.1	1.0	0.25	0.0	60.8	38.1	62.7	73.4	58.7	1.0	0.088	0.0	51.3	55.6	50.4	75.1	42			
68.8	52.5	50.5	1.0	0.375	0.0	66.8	26.7	69.0	74.0	68.8	1.0	0.167	0.0	55.7	48.5	57.8	75.5	49			
77.2	60.0	58.8	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77.2	1.0	0.252	0.0	60.9	37.9	62.9	73.4	58			
82.8	67.5	67.2	1.0	0.625	0.0	76.1	9.8	77.6	78.3	82.8	1.0	0.348	0.0	65.6	29.2	67.9	73.9	66			
90.6	75.0	75.6	1.0	0.75	0.0	82.6	−0.9	79.7	79.7	90.6	1.0	0.476	0.0	71.2	18.7	72.9	75.2	75			
95.2	82.5	83.9	1.0	0.875	0.0	86.7	−6.8	75.1	75.4	95.2	1.0	0.634	0.0	76.6	9.0	77.9	78.4	83			
99.5	90.0	92.3	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99.5	1.0	0.795	0.0	84.1	−3.1	78.1	78.2	92			
100.7	97.5	101.0	0.875	1.0	0.0	92.9	−17.6	92.7	94.4	100.7	0.905	1.0	0.0	92.5	−16.7	90.7	92.3	100			
103.7	105.0	109.7	0.75	1.0	0.0	89.4	−21.9	89.4	92.1	103.7	0.654	1.0	0.0	83.0	−28.5	79.4	84.4	109			
111.6	112.5	118.5	0.625	1.0	0.0	81.0	−30.2	76.3	82.0	111.6	0.53	1.0	0.0	75.9	−36.2	68.5	77.5	117			
119.9	120.0	127.2	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119.9	0.377	1.0	0.0	69.5	−44.2	58.3	73.2	127			
127.3	127.5	136.0	0.375	1.0	0.0	69.4	−44.4	58.1	73.1	127.3	0.283	1.0	0.0	64.3	−50.8	50.2	71.5	135			
138.3	135.0	144.7	0.25	1.0	0.0	62.4	−52.9	47.0	70.8	138.3	0.156	1.0	0.0	59.3	−57.6	40.8	70.7	144			
146.8	142.5	153.4	0.125	1.0	0.0	58.2	−59.2	38.6	70.6	146.8	0.0	1.0	0.001	55.1	−65.1	33.4	73.3	152			
152.8	150.0	162.2	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152.8	0.0	1.0	0.175	55.1	−62.1	19.9	65.3	162			
159.5	157.5	169.0	0.0	1.0	0.125	54.8	−63.5	23.7	67.8	159.5	0.0	1.0	0.285	55.6	−58.6	11.8	59.8	168			
166.2	165.0	175.9	0.0	1.0	0.25	55.4	−59.8	14.6	61.5	166.2	0.0	1.0	0.391	56.3	−54.5	3.9	54.7	175			
174.5	172.5	182.7	0.0	1.0	0.375	56.2	−55.1	5.2	55.4	174.5	0.0	1.0	0.471	56.8	−51.4	−2.0	51.5	182			
184.6	180.0	189.6	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184.6	0.0	1.0	0.558	57.2	−47.9	−8.0	48.7	189			
195.2	187.5	196.4	0.0	1.0	0.625	57.4	−45.1	−12.3	46.7	195.2	0.0	1.0	0.634	57.5	−44.8	−12.8	46.7	195			
205.2	195.0	203.2	0.0	1.0	0.75	57.5	−41.0	−19.3	45.3	205.2	0.0	1.0	0.725	57.6	−41.8	−18.0	45.7	203			
216.3	202.5	210.1	0.0	1.0	0.875	56.0	−37.8	−27.8	46.9	216.3	0.0	1.0	0.8	57.0	−39.9	−22.7	46.0	209			
229.6	210.0	216.9	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229.6	0.0	1.0	0.881	55.9	−37.6	−28.3	47.2	216			
233.6	217.5	223.8	0.0	0.875	1.0	52.6	−31.1	−42.2	52.5	233.6	0.0	1.0	0.941	54.6	−35.8	−33.8	49.4	223			
239.3	225.0	230.6	0.0	0.75	1.0	52.6	−27.5	−46.4	54.0	239.3	0.0	0.968	1.0	53.1	−32.7	−39.9	51.8	230			
247.2	232.5	237.5	0.0	0.625	1.0	50.2	−20.3	−48.6	52.7	247.2	0.0	0.8	1.0	52.6	−29.0	−44.7	53.4	237			
254.6	240.0	244.3	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254.6	0.0	0.671	1.0	51.1	−22.9	−47.9	53.2	244			
263.2	247.5	251.2	0.0	0.375	1.0	41.3	−5.7	−48.3	48.6	263.2	0.0	0.566	1.0	48.4	−16.9	−48.6	51.6	250			
274.4	255.0	258.0	0.0	0.25	1.0	36.0	3.7	−47.8	47.9	274.4	0.0	0.451	1.0	44.3	−10.2	−48.4	49.6	258			
287.7	262.5	264.8	0.0	0.125	1.0	34.4	14.1	−44.3	46.5	287.7	0.0	0.362	1.0	40.8	−4.6	−48.3	48.6	264			
299.0	270.0	271.7	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299.0	0.0	0.281	1.0	37.4	1.5	−48.0	48.1	271			
308.6	277.5	278.8	0.125	0.0	1.0	31.3	31.1	−38.9	49.8	308.6	0.0	0.213	1.0	35.6	6.9	−46.9	47.5	278			
318.6	285.0	285.9	0.25	0.0	1.0	30.9	38.6	−34.0	51.4	318.6	0.0	0.142	1.0	34.7	12.8	−44.8	46.7	285			
325.6	292.5	293.0	0.375	0.0	1.0	33.4	45.4	−31.0	55.0	325.6	0.0	0.071	1.0	33.5	18.1	−43.5	47.2	292			
331.3	300.0	300.1	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331.3	0.015	0.0	1.0	32.0	24.3	−41.7	48.4	300			
337.6	307.5	307.2	0.625	0.0	1.0	39.0	54.7	−22.4	59.1	337.6	0.101	0.0	1.0	31.5	29.7	−39.5	49.5	306			
342.7	315.0	314.3	0.75	0.0	1.0	41.8	60.0	−18.6	62.8	342.7	0.197	0.0	1.0	31.1	35.5	−36.2	50.8	314			
347.0	322.5	321.4	0.875	0.0	1.0	44.2	64.5	−14.8	66.2	347.0	0.292	0.0	1.0	31.8	41.0	−33.0	52.7	321			
352.3	330.0	328.6	1.0	0.0	1.0	47.6	69.9	−9.4	70.6	352.3	0.44	0.0	1.0	34.7	47.8	−29.0	56.0	328			
353.7	337.5	335.7	1.0	0.0	0.875	46.9	69.7	−7.6	70.1	353.7	0.577	0.0	1.0	37.8	52.9	−24.3	58.3	335			
359.1	345.0	342.8	1.0	0.0	0.75	46.3	66.8	−1.0	66.8	359.1	0.753	0.0	1.0	41.9	60.1	−18.5	62.9	342			
365.9	352.5	349.9	1.0	0.0	0.625	46.1	64.3	6.7	64.7	365.9	0.932	0.0	1.0	45.8	67.1	−12.4	68.2	349			
373.0	360.0	357.0	1.0	0.0	0.5	46.0	61.4	14.2	63.1	373.0	0.993	0.0	1.0	47.5	69.7	−9.6	70.4	352			
380.2	367.5	364.1	1.0	0.0	0.375	45.8	59.8	22.0	63.7	380.2	1.0	0.0	0.736	46.3	66.7	−0.1	66.7	359			
386.6	375.0	371.2	1.0	0.0	0.25	46.3	58.7	29.5	65.8	386.6	1.0	0.0	0.576	46.1	63.3	9.8	64.1	368			
391.5	382.5	378.3	1.0	0.0	0.125	46.7	58.7	36.0	68.9	391.5	1.0	0.0	0.439	46.0	60.8	18.1	63.4	376			
394.1	390.0	385.4	1.0	0.0	0.0	47.0	59.1	40.1	71.5	394.1	1.0	0.0	0.274	46.3	59.1	28.1	65.4	385			



TUB-test chart RE65; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_{de}$
output: 3D-linearization to *cmy0**$_{de}$

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*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb*dd361M*			*LAB*ddx361Mi (x=LabCh)*						*rgb*ds361Mi*			*LAB*dsx361Mi (x=LabCh)*						*rgb*dd361Mi*			*rgb*de361Mi*			*LAB*dex361Mi (x=LabCh)*						*rgb*dd361Mi*			*rgb*dd*	*rgb*ds*	*rgb*de*
34	30	25	1.0	0.0	0.0	47.0	59.1	40.1	71.5	34	R_d	1.0	0.0	0.165	46.6	58.8	34.0	67.9	30	R_s	1.0	0.0	0.0	1.0	0.0	0.274	46.3	59.1	28.1	65.4	25	R_e	1.0	0.0	0.0			
35	31	26	1.0	0.016	0.0	47.8	58.6	42.1	72.2	35		1.0	0.0	0.139	46.7	58.8	35.3	68.6	31		1.0	0.017	0.0	1.0	0.0	0.252	46.4	58.8	29.4	65.8	26		1.0	0.017	0.0			
37	32	27	1.0	0.033	0.0	48.6	58.0	44.0	72.8	37		1.0	0.0	0.103	46.8	58.8	36.8	69.4	32		1.0	0.033	0.0	1.0	0.0	0.224	46.4	58.8	30.9	66.5	27		1.0	0.033	0.0			
38	33	28	1.0	0.05	0.0	49.4	57.3	46.0	73.5	38		1.0	0.0	0.056	46.9	59.0	38.3	70.4	33		1.0	0.05	0.0	1.0	0.0	0.195	46.5	58.9	32.4	67.2	28		1.0	0.05	0.0			
40	34	29	1.0	0.066	0.0	50.2	56.6	47.9	74.2	40		1.0	0.0	0.008	47.0	59.2	39.9	71.4	34		1.0	0.067	0.0	1.0	0.0	0.167	46.6	58.8	33.9	67.9	29		1.0	0.067	0.0			
41	35	31	1.0	0.083	0.0	51.0	55.8	49.8	74.8	41		1.0	0.009	0.0	47.5	58.9	41.2	71.9	35		1.0	0.083	0.0	1.0	0.0	0.138	46.7	58.8	35.4	68.6	31		1.0	0.083	0.0			
43	36	32	1.0	0.1	0.0	51.8	55.0	51.7	75.5	43		1.0	0.02	0.0	48.0	58.5	42.5	72.3	36		1.0	0.1	0.0	1.0	0.0	0.096	46.8	58.9	37.0	69.5	32		1.0	0.1	0.0			
44	37	33	1.0	0.116	0.0	52.6	54.0	53.6	76.2	44		1.0	0.031	0.0	48.5	58.1	43.8	72.8	37		1.0	0.117	0.0	1.0	0.0	0.043	46.9	59.1	38.8	70.6	33		1.0	0.117	0.0			
46	38	34	1.0	0.133	0.0	53.5	52.6	55.3	76.3	46		1.0	0.042	0.0	49.1	57.7	45.1	73.2	38		1.0	0.133	0.0	1.0	0.002	0.0	47.2	59.1	40.5	71.6	34		1.0	0.133	0.0			
48	39	35	1.0	0.15	0.0	54.6	50.6	56.5	75.9	48		1.0	0.053	0.0	49.6	57.2	46.4	73.7	39		1.0	0.15	0.0	1.0	0.015	0.0	47.8	58.7	41.9	72.1	35		1.0	0.15	0.0			
49	40	36	1.0	0.166	0.0	55.6	48.5	57.7	75.4	49		1.0	0.064	0.0	50.1	56.8	47.6	74.1	40		1.0	0.167	0.0	1.0	0.027	0.0	48.3	58.3	43.3	72.6	36		1.0	0.167	0.0			
51	41	37	1.0	0.183	0.0	56.6	46.5	58.9	75.0	51		1.0	0.075	0.0	50.7	56.3	48.9	74.5	41		1.0	0.183	0.0	1.0	0.039	0.0	48.9	57.8	44.7	73.1	37		1.0	0.183	0.0			
53	42	38	1.0	0.2	0.0	57.7	44.4	59.9	74.6	53		1.0	0.086	0.0	51.2	55.7	50.2	75.0	42		1.0	0.2	0.0	1.0	0.051	0.0	49.5	57.3	46.2	73.6	38		1.0	0.2	0.0			
55	43	39	1.0	0.216	0.0	58.7	42.3	60.9	74.2	55		1.0	0.097	0.0	51.7	55.2	51.4	75.4	43		1.0	0.217	0.0	1.0	0.064	0.0	50.1	56.8	47.6	74.1	39		1.0	0.217	0.0			
56	44	41	1.0	0.233	0.0	59.7	40.2	61.8	73.8	56		1.0	0.108	0.0	52.2	54.6	52.7	75.9	44		1.0	0.233	0.0	1.0	0.076	0.0	50.7	56.2	49.0	74.6	41		1.0	0.233	0.0			
58	45	42	1.0	0.25	0.0	60.8	38.1	62.7	73.4	58		1.0	0.119	0.0	52.8	54.0	54.0	76.3	45		1.0	0.25	0.0	1.0	0.088	0.0	51.3	55.6	50.4	75.1	42		1.0	0.25	0.0			
60	46	43	1.0	0.266	0.0	61.6	36.6	63.6	73.4	60		1.0	0.129	0.0	53.3	53.1	55.0	76.4	46		1.0	0.267	0.0	1.0	0.1	0.0	51.9	55.0	51.8	75.6	43		1.0	0.267	0.0			
61	47	44	1.0	0.283	0.0	62.4	35.2	64.6	73.5	61		1.0	0.139	0.0	53.9	52.0	55.7	76.2	47		1.0	0.283	0.0	1.0	0.113	0.0	52.5	54.3	53.2	76.0	44		1.0	0.283	0.0			
62	48	45	1.0	0.3	0.0	63.2	33.7	65.4	73.6	62		1.0	0.148	0.0	54.5	50.8	56.4	76.0	48		1.0	0.3	0.0	1.0	0.125	0.0	53.0	53.6	54.6	76.5	45		1.0	0.3	0.0			
64	49	46	1.0	0.316	0.0	64.0	32.1	66.3	73.7	64		1.0	0.158	0.0	55.1	49.7	57.1	75.7	49		1.0	0.317	0.0	1.0	0.135	0.0	53.7	52.4	55.5	76.3	46		1.0	0.317	0.0			
65	50	47	1.0	0.333	0.0	64.8	30.6	67.1	73.8	65		1.0	0.167	0.0	55.7	48.5	57.8	75.5	50		1.0	0.333	0.0	1.0	0.146	0.0	54.4	51.1	56.3	76.0	47		1.0	0.333	0.0			
66	51	48	1.0	0.35	0.0	65.6	29.0	67.9	73.9	66		1.0	0.177	0.0	56.3	47.4	58.5	75.2	51		1.0	0.35	0.0	1.0	0.157	0.0	55.0	49.8	57.1	75.8	48		1.0	0.35	0.0			
68	52	49	1.0	0.366	0.0	66.4	27.5	68.6	73.9	68		1.0	0.186	0.0	56.9	46.2	59.1	75.0	52		1.0	0.367	0.0	1.0	0.167	0.0	55.7	48.5	57.8	75.5	49		1.0	0.367	0.0			
69	53	51	1.0	0.383	0.0	67.2	26.0	69.3	74.1	69		1.0	0.196	0.0	57.4	45.0	59.7	74.8	53		1.0	0.383	0.0	1.0	0.178	0.0	56.3	47.2	58.5	75.2	51		1.0	0.383	0.0			
70	54	52	1.0	0.4	0.0	67.9	24.7	70.0	74.3	70		1.0	0.205	0.0	58.0	43.8	60.3	74.5	54		1.0	0.4	0.0	1.0	0.188	0.0	57.0	45.9	59.2	75.0	52		1.0	0.4	0.0			
71	55	53	1.0	0.416	0.0	68.6	23.4	70.7	74.5	71		1.0	0.215	0.0	58.6	42.6	60.9	74.3	55		1.0	0.417	0.0	1.0	0.199	0.0	57.6	44.6	59.9	74.7	53		1.0	0.417	0.0			
72	56	54	1.0	0.433	0.0	69.3	22.1	71.3	74.7	72		1.0	0.224	0.0	59.2	41.4	61.4	74.1	56		1.0	0.433	0.0	1.0	0.209	0.0	58.3	43.3	60.5	74.4	54		1.0	0.433	0.0			
73	57	55	1.0	0.45	0.0	70.0	20.8	71.9	74.9	73		1.0	0.234	0.0	59.8	40.2	61.9	73.8	57		1.0	0.45	0.0	1.0	0.22	0.0	58.9	41.9	61.2	74.2	55		1.0	0.45	0.0			
74	58	56	1.0	0.466	0.0	70.7	19.4	72.5	75.1	74		1.0	0.243	0.0	60.4	39.0	62.4	73.6	58		1.0	0.467	0.0	1.0	0.231	0.0	59.6	40.6	61.7	73.9	56		1.0	0.467	0.0			
76	59	57	1.0	0.483	0.0	71.4	18.0	73.1	75.3	76		1.0	0.254	0.0	61.0	37.8	62.9	73.4	59		1.0	0.483	0.0	1.0	0.241	0.0	60.3	39.3	62.3	73.6	57		1.0	0.483	0.0			
77	60	58	1.0	0.5	0.0	72.1	16.6	73.6	75.5	77		1.0	0.266	0.0	61.6	36.7	63.6	73.5	60		1.0	0.5	0.0	1.0	0.252	0.0	60.9	37.9	62.9	73.4	58		1.0	0.5	0.0			
77	61	60	1.0	0.516	0.0	72.7	15.8	74.2	75.8	77		1.0	0.278	0.0	62.2	35.7	64.3	73.5	61		1.0	0.517	0.0	1.0	0.266	0.0	61.6	36.7	63.6	73.5	60		1.0	0.517	0.0			
78	62	61	1.0	0.533	0.0	73.2	14.9	74.7	76.2	78		1.0	0.291	0.0	62.8	34.6	65.0	73.6	62		1.0	0.533	0.0	1.0	0.28	0.0	62.3	35.5	64.4	73.6	61		1.0	0.533	0.0			
79	63	62	1.0	0.55	0.0	73.7	14.0	75.3	76.6	79		1.0	0.303	0.0	63.4	33.4	65.6	73.7	63		1.0	0.55	0.0	1.0	0.293	0.0	62.9	34.3	65.1	73.6	62		1.0	0.55	0.0			
80	64	63	1.0	0.566	0.0	74.3	13.0	75.8	77.0	80		1.0	0.315	0.0	64.0	32.3	66.3	73.7	64		1.0	0.567	0.0	1.0	0.307	0.0	63.6	33.1	65.9	73.7	63		1.0	0.567	0.0			
80	65	64	1.0	0.583	0.0	74.8	12.1	76.4	77.3	80		1.0	0.328	0.0	64.6	31.2	66.9	73.8	65		1.0	0.583	0.0	1.0	0.321	0.0	64.3	31.8	66.6	73.8	64		1.0	0.583	0.0			
81	66	65	1.0	0.6	0.0	75.3	11.2	76.9	77.7	81		1.0	0.34	0.0	65.2	30.0	67.5	73.9	66		1.0	0.6	0.0	1.0	0.335	0.0	64.9	30.5	67.2	73.8	65		1.0	0.6	0.0			
82	67	66	1.0	0.616	0.0	75.8	10.2	77.4	78.1	82		1.0	0.352	0.0	65.8	28.9	68.0	73.9	67		1.0	0.617	0.0	1.0	0.348	0.0	65.6	29.2	67.9	73.9	66		1.0	0.617	0.0			
83	68	67	1.0	0.633	0.0	76.5	9.1	77.8	78.4	83		1.0	0.365	0.0	66.4	27.7	68.6	74.0	68		1.0	0.633	0.0	1.0	0.362	0.0	66.3	27.9	68.5	74.0	67		1.0	0.633	0.0			
84	69	68	1.0	0.65	0.0	77.4	7.6	78.2	78.5	84		1.0	0.377	0.0	67.0	26.5	69.1	74.1	69		1.0	0.65	0.0	1.0	0.376	0.0	66.9	26.6	69.1	74.0	68		1.0	0.65	0.0			
85	70	70	1.0	0.666	0.0	78.3	6.2	78.5	78.7	85		1.0	0.392	0.0	67.6	25.4	69.8	74.2	70		1.0	0.667	0.0	1.0	0.393	0.0	67.6	25.3	69.8	74.2	70		1.0	0.667	0.0			
86	71	71	1.0	0.683	0.0	79.1	4.8	78.8	78.9	86		1.0	0.407	0.0	68.2	24.2	70.4	74.4	71		1.0	0.683	0.0	1.0	0.409	0.0	68.3	24.1	70.4	74.4	71		1.0	0.683	0.0			
87	72	72	1.0	0.7	0.0	80.0	3.4	79.0	79.1	87		1.0	0.422	0.0	68.9	23.0	70.9	74.6	72		1.0	0.7	0.0	1.0	0.426	0.0	69.0	22.7	71.1	74.6	72		1.0	0.7	0.0			
88	73	73	1.0	0.716	0.0	80.9	1.9	79.3	79.3	88		1.0	0.437	0.0	69.5	21.9	71.5	74.8	73		1.0	0.717	0.0	1.0	0.442	0.0	69.7	21.4	71.7	74.8	73		1.0	0.717	0.0			
89	74	74	1.0	0.733	0.0	81.7	0.5	79.5	79.5	89		1.0	0.452	0.0	70.1	20.7	72.0	74.9	74		1.0	0.733	0.0	1.0	0.459	0.0	70.5	20.1	72.3	75.0	74		1.0	0.733	0.0			
−269	75	75	1.0	0.75	0.0	82.6	−0.9	79.7	79.7	−269	R_d	1.0	0.467	0.0	70.8	19.4	72.6	75.1	75		1.0	0.75	0.0	1.0	0.476	0.0	71.2	18.7	72.9	75.2	75		1.0	0.75	0.0			

RE650−73 1−113931−L0 LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nw=24.6, 0.0, 0.0, 96.4, 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*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
−269	75	75	1.0	0.75	0.0	82.6	−0.9	79.7	79.7	−269 R_d	1.0	0.467	0.0	70.8	19.4	72.6	75.1	75	1.0	0.75	0.0	1.0	0.476	0.0	71.2	18.7	72.9	75.2	75	1.0	0.75	0.0			
91	76	76	1.0	0.766	0.0	83.1	−1.7	79.1	79.1	91	1.0	0.482	0.0	71.4	18.2	73.1	75.3	76	1.0	0.767	0.0	1.0	0.492	0.0	71.9	17.3	73.4	75.4	76	1.0	0.767	0.0			
91	77	77	1.0	0.783	0.0	83.7	−2.5	78.5	78.5	91	1.0	0.496	0.0	72.0	17.0	73.5	75.5	77	1.0	0.783	0.0	1.0	0.513	0.0	72.6	16.0	74.1	75.8	77	1.0	0.783	0.0			
92	78	78	1.0	0.8	0.0	84.2	−3.4	77.9	78.0	92	1.0	0.517	0.0	72.7	15.8	74.2	75.9	78	1.0	0.8	0.0	1.0	0.538	0.0	73.4	14.6	75.0	76.4	78	1.0	0.8	0.0			
93	79	80	1.0	0.816	0.0	84.8	−4.1	77.3	77.4	93	1.0	0.54	0.0	73.4	14.6	75.0	76.4	79	1.0	0.817	0.0	1.0	0.563	0.0	74.2	13.3	75.8	76.9	80	1.0	0.817	0.0			
93	80	81	1.0	0.833	0.0	85.3	−4.9	76.7	76.8	93	1.0	0.562	0.0	74.2	13.4	75.7	76.9	80	1.0	0.833	0.0	1.0	0.588	0.0	75.0	11.9	76.6	77.5	81	1.0	0.833	0.0			
94	81	82	1.0	0.85	0.0	85.8	−5.7	76.0	76.3	94	1.0	0.584	0.0	74.9	12.1	76.5	77.4	81	1.0	0.85	0.0	1.0	0.613	0.0	75.8	10.5	77.3	78.1	82	1.0	0.85	0.0			
94	82	83	1.0	0.866	0.0	86.4	−6.4	75.4	75.7	94	1.0	0.607	0.0	75.6	10.8	77.2	77.9	82	1.0	0.867	0.0	1.0	0.634	0.0	76.6	9.0	77.9	78.4	83	1.0	0.867	0.0			
95	83	84	1.0	0.883	0.0	87.0	−7.3	75.7	76.1	95	1.0	0.628	0.0	76.3	9.5	77.8	78.4	83	1.0	0.883	0.0	1.0	0.652	0.0	77.6	7.5	78.3	78.6	84	1.0	0.883	0.0			
96	84	85	1.0	0.9	0.0	87.5	−8.2	77.0	77.4	96	1.0	0.644	0.0	77.1	8.2	78.1	78.5	84	1.0	0.9	0.0	1.0	0.67	0.0	78.5	6.0	78.6	78.8	85	1.0	0.9	0.0			
96	85	86	1.0	0.916	0.0	88.1	−9.1	78.2	78.8	96	1.0	0.66	0.0	78.0	6.9	78.4	78.7	85	1.0	0.917	0.0	1.0	0.687	0.0	79.4	4.5	78.9	79.0	86	1.0	0.917	0.0			
97	86	87	1.0	0.933	0.0	88.7	−10.1	79.5	80.1	97	1.0	0.676	0.0	78.8	5.5	78.7	78.9	86	1.0	0.933	0.0	1.0	0.705	0.0	80.3	3.0	79.2	79.2	87	1.0	0.933	0.0			
97	87	88	1.0	0.95	0.0	89.3	−11.1	80.7	81.4	97	1.0	0.692	0.0	79.6	4.1	79.0	79.1	87	1.0	0.95	0.0	1.0	0.723	0.0	81.2	1.4	79.4	79.4	88	1.0	0.95	0.0			
98	88	90	1.0	0.966	0.0	89.9	−12.1	81.9	82.8	98	1.0	0.707	0.0	80.4	2.8	79.2	79.2	88	1.0	0.967	0.0	1.0	0.74	0.0	82.1	0.0	79.6	79.6	90	1.0	0.967	0.0			
99	89	91	1.0	0.983	0.0	90.5	−13.1	83.1	84.1	99	1.0	0.723	0.0	81.2	1.4	79.4	79.4	89	1.0	0.983	0.0	1.0	0.764	0.0	83.1	−1.6	79.2	79.2	91	1.0	0.983	0.0			
99	90	92	1.0	1.0	0.0	91.1	−14.2	84.3	85.4	99 Y_d	1.0	0.739	0.0	82.1	0.0	79.6	79.6	90 Y_s	1.0	1.0	0.0	1.0	0.795	0.0	84.1	−3.1	78.1	78.2	92 Y_e	1.0	1.0	0.0			
99	91	93	0.983	1.0	0.0	91.3	−14.6	85.4	86.6	99	1.0	0.759	0.0	82.9	−1.3	79.4	79.4	91	0.983	1.0	0.0	1.0	0.827	0.0	85.1	−4.6	77.0	77.1	93	0.983	1.0	0.0			
99	92	94	0.966	1.0	0.0	91.6	−15.1	86.5	87.8	99	1.0	0.786	0.0	83.8	−2.6	78.4	78.5	92	0.967	1.0	0.0	1.0	0.859	0.0	86.2	−6.1	75.8	76.0	94	0.967	1.0	0.0			
100	93	95	0.95	1.0	0.0	91.8	−15.5	87.6	89.0	100	1.0	0.814	0.0	84.7	−4.0	77.4	77.5	93	0.95	1.0	0.0	1.0	0.892	0.0	87.3	−7.7	76.4	76.8	95	0.95	1.0	0.0			
100	94	96	0.933	1.0	0.0	92.0	−16.0	88.8	90.2	100	1.0	0.841	0.0	85.6	−5.2	76.4	76.6	94	0.933	1.0	0.0	1.0	0.925	0.0	88.5	−9.5	78.9	79.5	96	0.933	1.0	0.0			
100	95	98	0.916	1.0	0.0	92.3	−16.4	89.9	91.4	100	1.0	0.869	0.0	86.5	−6.5	75.4	75.7	95	0.917	1.0	0.0	1.0	0.958	0.0	89.7	−11.5	81.3	82.2	98	0.917	1.0	0.0			
100	96	99	0.9	1.0	0.0	92.5	−16.9	91.0	92.6	100	1.0	0.897	0.0	87.5	−8.0	76.8	77.3	96	0.9	1.0	0.0	1.0	0.992	0.0	90.8	−13.6	83.7	84.8	99	0.9	1.0	0.0			
100	97	100	0.883	1.0	0.0	92.7	−17.3	92.1	93.8	100	1.0	0.926	0.0	88.5	−9.6	79.0	79.5	97	0.883	1.0	0.0	0.905	1.0	0.0	92.5	−16.7	90.7	92.3	100	0.883	1.0	0.0			
100	98	101	0.866	1.0	0.0	92.6	−17.9	92.5	94.2	100	1.0	0.954	0.0	89.5	−11.3	81.0	81.8	98	0.867	1.0	0.0	0.838	1.0	0.0	91.9	−18.8	91.8	93.7	101	0.867	1.0	0.0			
101	99	102	0.85	1.0	0.0	92.2	−18.4	92.1	93.9	101	1.0	0.983	0.0	90.5	−13.1	83.1	84.1	99	0.85	1.0	0.0	0.79	1.0	0.0	90.6	−20.5	90.6	92.9	102	0.85	1.0	0.0			
101	100	103	0.833	1.0	0.0	91.7	−19.0	91.6	93.6	101	0.956	1.0	0.0	91.8	−15.3	87.3	88.6	100	0.833	1.0	0.0	0.747	1.0	0.0	89.3	−22.1	89.2	91.9	103	0.833	1.0	0.0			
102	101	105	0.816	1.0	0.0	91.3	−19.6	91.2	93.3	102	0.865	1.0	0.0	92.6	−17.9	92.5	94.2	101	0.817	1.0	0.0	0.728	1.0	0.0	88.0	−23.5	87.3	90.4	105	0.817	1.0	0.0			
102	102	106	0.8	1.0	0.0	90.8	−20.2	90.8	93.0	102	0.823	1.0	0.0	91.5	−19.3	91.4	93.5	102	0.8	1.0	0.0	0.71	1.0	0.0	86.8	−24.8	85.3	88.9	106	0.8	1.0	0.0			
102	103	107	0.783	1.0	0.0	90.3	−20.8	90.3	92.7	102	0.782	1.0	0.0	90.3	−20.8	90.3	92.7	103	0.783	1.0	0.0	0.691	1.0	0.0	85.5	−26.1	83.4	87.4	107	0.783	1.0	0.0			
103	104	108	0.766	1.0	0.0	89.9	−21.3	89.9	92.4	103	0.746	1.0	0.0	89.2	−22.1	89.1	91.8	104	0.767	1.0	0.0	0.673	1.0	0.0	84.3	−27.3	81.4	85.9	108	0.767	1.0	0.0			
103	105	109	0.75	1.0	0.0	89.4	−21.9	89.4	92.1	103	0.73	1.0	0.0	88.2	−23.3	87.5	90.6	105	0.75	1.0	0.0	0.654	1.0	0.0	83.0	−28.5	79.4	84.4	109	0.75	1.0	0.0			
104	106	110	0.733	1.0	0.0	88.3	−23.2	87.7	90.7	104	0.714	1.0	0.0	87.1	−24.5	85.8	89.3	106	0.733	1.0	0.0	0.635	1.0	0.0	81.8	−29.6	77.4	82.9	110	0.733	1.0	0.0			
105	107	112	0.716	1.0	0.0	87.2	−24.4	86.0	89.4	105	0.699	1.0	0.0	86.0	−25.6	84.2	88.0	107	0.717	1.0	0.0	0.617	1.0	0.0	80.7	−30.7	75.7	81.7	112	0.717	1.0	0.0			
106	108	113	0.7	1.0	0.0	86.1	−25.6	84.3	88.1	106	0.683	1.0	0.0	84.9	−26.7	82.5	86.7	108	0.7	1.0	0.0	0.6	1.0	0.0	79.7	−31.9	74.3	80.9	113	0.7	1.0	0.0			
107	109	114	0.683	1.0	0.0	84.9	−26.7	82.5	86.7	107	0.667	1.0	0.0	83.9	−27.7	80.8	85.4	109	0.683	1.0	0.0	0.582	1.0	0.0	78.8	−33.0	72.9	80.1	114	0.683	1.0	0.0			
108	110	115	0.666	1.0	0.0	83.8	−27.8	80.7	85.4	108	0.651	1.0	0.0	82.8	−28.7	79.1	84.2	110	0.667	1.0	0.0	0.565	1.0	0.0	77.8	−34.1	71.4	79.2	115	0.667	1.0	0.0			
110	111	116	0.65	1.0	0.0	82.7	−28.8	79.0	84.1	110	0.635	1.0	0.0	81.7	−29.6	77.4	82.9	111	0.65	1.0	0.0	0.547	1.0	0.0	76.9	−35.2	70.0	78.4	116	0.65	1.0	0.0			
111	112	117	0.633	1.0	0.0	81.6	−29.7	77.2	82.7	111	0.619	1.0	0.0	80.8	−30.5	75.9	81.8	112	0.633	1.0	0.0	0.53	1.0	0.0	75.9	−36.2	68.5	77.5	117	0.633	1.0	0.0			
112	113	119	0.616	1.0	0.0	80.6	−30.8	75.6	81.6	112	0.604	1.0	0.0	79.9	−31.6	74.6	81.1	113	0.617	1.0	0.0	0.512	1.0	0.0	75.0	−37.2	67.0	76.7	119	0.617	1.0	0.0			
113	114	120	0.6	1.0	0.0	79.7	−31.9	74.3	80.9	113	0.589	1.0	0.0	79.1	−32.6	73.4	80.4	114	0.6	1.0	0.0	0.494	1.0	0.0	74.1	−38.2	65.6	76.0	120	0.6	1.0	0.0			
114	115	121	0.583	1.0	0.0	78.8	−33.0	72.9	80.1	114	0.574	1.0	0.0	78.3	−33.6	72.2	79.7	115	0.583	1.0	0.0	0.474	1.0	0.0	73.3	−39.3	64.4	75.5	121	0.583	1.0	0.0			
115	116	122	0.566	1.0	0.0	77.9	−34.1	71.5	79.3	115	0.559	1.0	0.0	77.5	−34.5	71.0	78.9	116	0.567	1.0	0.0	0.455	1.0	0.0	72.6	−40.4	63.2	75.1	122	0.567	1.0	0.0			
116	117	123	0.55	1.0	0.0	77.0	−35.1	70.2	78.5	116	0.544	1.0	0.0	76.7	−35.4	69.7	78.2	117	0.55	1.0	0.0	0.435	1.0	0.0	71.8	−41.4	62.0	74.6	123	0.55	1.0	0.0			
117	118	124	0.533	1.0	0.0	76.1	−36.1	68.8	77.7	117	0.529	1.0	0.0	75.9	−36.3	68.4	77.5	118	0.533	1.0	0.0	0.416	1.0	0.0	71.0	−42.4	60.8	74.1	124	0.533	1.0	0.0			
118	119	126	0.516	1.0	0.0	75.2	−37.0	67.3	76.9	118	0.514	1.0	0.0	75.1	−37.1	67.2	76.8	119	0.517	1.0	0.0	0.396	1.0	0.0	70.2	−43.3	59.5	73.7	126	0.517	1.0	0.0			
119	120	127	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119	0.499	1.0	0.0	74.3	−37.9	65.9	76.1	120	0.5	1.0	0.0	0.377	1.0	0.0	69.5	−44.2	58.3	73.2	127	0.5	1.0	0.0			

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
119	120	127	0.5	1.0	0.0	74.3	−37.9	65.9	76.1	119	0.499	1.0	0.0	74.3	−37.9	65.9	76.1	120	0.5	1.0	0.0	0.377	1.0	0.0	69.5	−44.2	58.3	73.2	127	0.5	1.0	0.0			
120	121	128	0.483	1.0	0.0	73.6	−38.9	64.9	75.7	120	0.482	1.0	0.0	73.6	−38.9	64.9	75.7	121	0.483	1.0	0.0	0.363	1.0	0.0	68.7	−45.3	57.2	73.0	128	0.483	1.0	0.0			
121	122	129	0.466	1.0	0.0	73.0	−39.8	63.9	75.3	121	0.465	1.0	0.0	73.0	−39.8	63.9	75.3	122	0.467	1.0	0.0	0.35	1.0	0.0	68.0	−46.2	56.0	72.7	129	0.467	1.0	0.0			
122	123	130	0.45	1.0	0.0	72.3	−40.7	62.9	74.9	122	0.448	1.0	0.0	72.3	−40.7	62.8	74.9	123	0.45	1.0	0.0	0.336	1.0	0.0	67.3	−47.2	54.9	72.5	130	0.45	1.0	0.0			
123	124	131	0.433	1.0	0.0	71.7	−41.5	61.8	74.5	123	0.431	1.0	0.0	71.6	−41.6	61.8	74.5	124	0.433	1.0	0.0	0.323	1.0	0.0	66.5	−48.2	53.7	72.2	131	0.433	1.0	0.0			
124	125	133	0.416	1.0	0.0	71.0	−42.4	60.8	74.1	124	0.415	1.0	0.0	71.0	−42.4	60.7	74.1	125	0.417	1.0	0.0	0.31	1.0	0.0	65.8	−49.1	52.5	72.0	133	0.417	1.0	0.0			
125	126	134	0.4	1.0	0.0	70.4	−43.2	59.7	73.7	125	0.398	1.0	0.0	70.3	−43.2	59.6	73.7	126	0.4	1.0	0.0	0.296	1.0	0.0	65.1	−49.9	51.4	71.7	134	0.4	1.0	0.0			
126	127	135	0.383	1.0	0.0	69.7	−44.0	58.7	73.3	126	0.381	1.0	0.0	69.7	−44.0	58.6	73.3	127	0.383	1.0	0.0	0.283	1.0	0.0	64.3	−50.8	50.2	71.5	135	0.383	1.0	0.0			
128	128	136	0.366	1.0	0.0	68.9	−45.0	57.4	73.0	128	0.368	1.0	0.0	69.0	−44.9	57.6	73.1	128	0.367	1.0	0.0	0.27	1.0	0.0	63.6	−51.6	48.9	71.2	136	0.367	1.0	0.0			
129	129	137	0.35	1.0	0.0	68.0	−46.3	56.0	72.7	129	0.356	1.0	0.0	68.4	−45.7	56.6	72.8	129	0.35	1.0	0.0	0.257	1.0	0.0	62.8	−52.4	47.7	71.0	137	0.35	1.0	0.0			
131	130	138	0.333	1.0	0.0	67.1	−47.5	54.6	72.4	131	0.345	1.0	0.0	67.7	−46.6	55.6	72.6	130	0.333	1.0	0.0	0.242	1.0	0.0	62.2	−53.3	46.5	70.8	138	0.333	1.0	0.0			
132	131	140	0.316	1.0	0.0	66.1	−48.6	53.1	72.0	132	0.334	1.0	0.0	67.1	−47.4	54.6	72.4	131	0.317	1.0	0.0	0.225	1.0	0.0	61.6	−54.2	45.4	70.8	140	0.317	1.0	0.0			
133	132	141	0.3	1.0	0.0	65.2	−49.8	51.6	71.7	133	0.322	1.0	0.0	66.5	−48.2	53.7	72.2	132	0.3	1.0	0.0	0.207	1.0	0.0	61.0	−55.1	44.3	70.8	141	0.3	1.0	0.0			
135	133	142	0.283	1.0	0.0	64.3	−50.8	50.1	71.4	135	0.311	1.0	0.0	65.9	−49.0	52.6	72.0	133	0.283	1.0	0.0	0.19	1.0	0.0	60.4	−56.0	43.2	70.8	142	0.283	1.0	0.0			
136	134	143	0.266	1.0	0.0	63.3	−51.9	48.6	71.1	136	0.299	1.0	0.0	65.2	−49.8	51.6	71.8	134	0.267	1.0	0.0	0.173	1.0	0.0	59.9	−56.8	42.0	70.7	143	0.267	1.0	0.0			
138	135	144	0.25	1.0	0.0	62.4	−52.9	47.0	70.8	138	0.288	1.0	0.0	64.6	−50.5	50.6	71.6	135	0.25	1.0	0.0	0.156	1.0	0.0	59.3	−57.6	40.8	70.7	144	0.25	1.0	0.0			
139	136	145	0.233	1.0	0.0	61.9	−53.8	46.0	70.8	139	0.277	1.0	0.0	64.0	−51.2	49.6	71.3	136	0.233	1.0	0.0	0.139	1.0	0.0	58.7	−58.4	39.6	70.7	145	0.233	1.0	0.0			
140	137	147	0.216	1.0	0.0	61.3	−54.7	44.9	70.7	140	0.265	1.0	0.0	63.3	−51.9	48.5	71.1	137	0.217	1.0	0.0	0.121	1.0	0.0	58.1	−59.3	38.5	70.8	147	0.217	1.0	0.0			
141	138	148	0.2	1.0	0.0	60.7	−55.5	43.8	70.7	141	0.254	1.0	0.0	62.7	−52.6	47.5	70.9	138	0.2	1.0	0.0	0.097	1.0	0.0	57.5	−60.5	37.5	71.3	148	0.2	1.0	0.0			
142	139	149	0.183	1.0	0.0	60.2	−56.4	42.6	70.7	142	0.24	1.0	0.0	62.1	−53.4	46.5	70.8	139	0.183	1.0	0.0	0.072	1.0	0.0	56.9	−61.7	36.5	71.8	149	0.183	1.0	0.0			
144	140	150	0.166	1.0	0.0	59.6	−57.2	41.5	70.7	144	0.226	1.0	0.0	61.6	−54.1	45.5	70.8	140	0.167	1.0	0.0	0.048	1.0	0.0	56.3	−62.9	35.5	72.3	150	0.167	1.0	0.0			
145	141	151	0.15	1.0	0.0	59.0	−58.0	40.3	70.7	145	0.211	1.0	0.0	61.2	−54.9	44.5	70.8	141	0.15	1.0	0.0	0.023	1.0	0.0	55.7	−64.1	34.5	72.9	151	0.15	1.0	0.0			
146	142	152	0.133	1.0	0.0	58.5	−58.8	39.2	70.6	146	0.197	1.0	0.0	60.7	−55.7	43.6	70.8	142	0.133	1.0	0.0	0.0	1.0	0.001	55.1	−65.1	33.4	73.3	152	0.133	1.0	0.0			
147	143	154	0.116	1.0	0.0	58.0	−59.6	38.2	70.8	147	0.182	1.0	0.0	60.2	−56.4	42.6	70.8	143	0.117	1.0	0.0	0.0	1.0	0.023	55.1	−64.9	31.6	72.3	154	0.117	1.0	0.0			
148	144	155	0.1	1.0	0.0	57.5	−60.4	37.6	71.2	148	0.167	1.0	0.0	59.7	−57.1	41.6	70.7	144	0.1	1.0	0.0	0.0	1.0	0.045	55.0	−64.7	29.9	71.4	155	0.1	1.0	0.0			
148	145	156	0.083	1.0	0.0	57.1	−61.2	36.9	71.5	148	0.153	1.0	0.0	59.2	−57.8	40.6	70.7	145	0.083	1.0	0.0	0.0	1.0	0.067	55.0	−64.4	28.2	70.4	156	0.083	1.0	0.0			
149	146	157	0.066	1.0	0.0	56.7	−62.0	36.3	71.9	149	0.138	1.0	0.0	58.7	−58.5	39.5	70.7	146	0.067	1.0	0.0	0.0	1.0	0.089	54.9	−64.1	26.5	69.4	157	0.067	1.0	0.0			
150	147	158	0.049	1.0	0.0	56.3	−62.8	35.6	72.2	150	0.123	1.0	0.0	58.2	−59.2	38.5	70.7	147	0.05	1.0	0.0	0.0	1.0	0.11	54.8	−63.7	24.8	68.5	158	0.05	1.0	0.0			
151	148	159	0.033	1.0	0.0	55.9	−63.6	34.9	72.6	151	0.102	1.0	0.0	57.6	−60.3	37.7	71.2	148	0.033	1.0	0.0	0.0	1.0	0.132	54.8	−63.2	23.2	67.5	159	0.033	1.0	0.0			
152	149	161	0.016	1.0	0.0	55.5	−64.4	34.2	72.9	152	0.081	1.0	0.0	57.1	−61.3	36.9	71.6	149	0.017	1.0	0.0	0.0	1.0	0.154	54.9	−62.7	21.5	66.4	161	0.017	1.0	0.0			
152	150	162	0.0	1.0	0.0	55.1	−65.2	33.4	73.3	152	G_d	0.06	1.0	0.0	56.6	−62.3	36.0	72.1	150	G_s	0.0	1.0	0.0	0.0	1.0	0.175	55.1	−62.1	19.9	65.3	162	G_e	0.0	1.0	0.0			
153	151	163	0.0	1.0	0.016	55.0	−65.1	32.1	72.6	153	0.039	1.0	0.0	56.1	−63.3	35.2	72.5	151	0.0	1.0	0.017	0.0	1.0	0.192	55.1	−61.6	18.7	64.5	163	0.0	1.0	0.017			
154	152	164	0.0	1.0	0.033	55.0	−64.9	30.8	71.8	154	0.018	1.0	0.0	55.6	−64.3	34.3	73.0	152	0.0	1.0	0.033	0.0	1.0	0.209	55.2	−61.1	17.5	63.6	164	0.0	1.0	0.033			
155	153	164	0.0	1.0	0.05	54.9	−64.7	29.4	71.1	155	0.0	1.0	0.003	55.1	−65.1	33.2	73.2	153	0.0	1.0	0.05	0.0	1.0	0.226	55.3	−60.5	16.3	62.8	164	0.0	1.0	0.05			
156	154	165	0.0	1.0	0.066	54.9	−64.5	28.1	70.3	156	0.0	1.0	0.022	55.1	−65.0	31.7	72.4	154	0.0	1.0	0.067	0.0	1.0	0.243	55.4	−60.0	15.1	61.9	165	0.0	1.0	0.067			
157	155	166	0.0	1.0	0.083	54.9	−64.2	26.9	69.6	157	0.0	1.0	0.041	55.0	−64.7	30.2	71.5	155	0.0	1.0	0.083	0.0	1.0	0.258	55.5	−59.5	14.0	61.2	166	0.0	1.0	0.083			
158	156	167	0.0	1.0	0.1	54.8	−63.9	25.6	68.9	158	0.0	1.0	0.059	55.0	−64.5	28.8	70.7	156	0.0	1.0	0.1	0.0	1.0	0.272	55.6	−59.0	12.9	60.5	167	0.0	1.0	0.1			
159	157	168	0.0	1.0	0.116	54.8	−63.6	24.3	68.1	159	0.0	1.0	0.078	54.9	−64.2	27.3	69.9	157	0.0	1.0	0.117	0.0	1.0	0.285	55.6	−58.6	11.8	59.8	168	0.0	1.0	0.117			
159	158	169	0.0	1.0	0.133	54.8	−63.3	23.1	67.3	159	0.0	1.0	0.097	54.9	−63.9	25.9	69.1	158	0.0	1.0	0.133	0.0	1.0	0.299	55.7	−58.1	10.8	59.2	169	0.0	1.0	0.133			
160	159	170	0.0	1.0	0.15	54.9	−62.8	21.8	66.5	160	0.0	1.0	0.116	54.8	−63.6	24.5	68.2	159	0.0	1.0	0.15	0.0	1.0	0.313	55.8	−57.6	9.7	58.5	170	0.0	1.0	0.15			
161	160	171	0.0	1.0	0.166	55.0	−62.4	20.5	65.7	161	0.0	1.0	0.134	54.9	−63.2	23.0	67.4	160	0.0	1.0	0.167	0.0	1.0	0.326	55.9	−57.1	8.7	57.8	171	0.0	1.0	0.167			
162	161	172	0.0	1.0	0.183	55.0	−61.9	19.3	64.9	162	0.0	1.0	0.153	54.9	−62.7	21.6	66.4	161	0.0	1.0	0.183	0.0	1.0	0.34	56.0	−56.5	7.7	57.1	172	0.0	1.0	0.183			
163	162	173	0.0	1.0	0.2	55.1	−61.4	18.1	64.0	163	0.0	1.0	0.171	55.0	−62.2	20.2	65.5	162	0.0	1.0	0.2	0.0	1.0	0.354	56.1	−56.0	6.7	56.5	173	0.0	1.0	0.2			
164	163	174	0.0	1.0	0.216	55.2	−60.9	16.9	63.2	164	0.0	1.0	0.19	55.1	−61.7	18.9	64.6	163	0.0	1.0	0.217	0.0	1.0	0.367	56.2	−55.4	5.7	55.8	174	0.0	1.0	0.217			
165	164	175	0.0	1.0	0.233	55.3	−60.3	15.7	62.4	165	0.0	1.0	0.208	55.2	−61.1	17.5	63.7	164	0.0	1.0	0.233	0.0	1.0	0.38	56.3	−54.9	4.8	55.2	175	0.0	1.0	0.233			
166	165	175	0.0	1.0	0.25	55.4	−59.8	14.6	61.5	166	0.0	1.0	0.227	55.3	−60.5	16.2	62.7	165	0.0	1.0	0.25	0.0	1.0	0.391	56.3	−54.5	3.9	54.7	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*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
166	165	175	0.0	1.0	0.25	55.4	−59.8	14.6	61.5	166	0.0	1.0	0.227	55.3	−60.5	16.2	62.7	165	0.0	1.0	0.25	0.0	1.0	0.391	56.3	−54.5	3.9	54.7	175	0.0	1.0	0.25			
167	166	176	0.0	1.0	0.266	55.5	−59.2	13.2	60.7	167	0.0	1.0	0.245	55.4	−59.9	15.0	61.8	166	0.0	1.0	0.267	0.0	1.0	0.403	56.4	−54.1	3.0	54.3	176	0.0	1.0	0.267			
168	167	177	0.0	1.0	0.283	55.6	−58.7	11.9	59.9	168	0.0	1.0	0.261	55.5	−59.4	13.7	61.0	167	0.0	1.0	0.283	0.0	1.0	0.414	56.5	−53.7	2.1	53.8	177	0.0	1.0	0.283			
169	168	178	0.0	1.0	0.3	55.7	−58.1	10.6	59.1	169	0.0	1.0	0.276	55.6	−58.9	12.5	60.3	168	0.0	1.0	0.3	0.0	1.0	0.425	56.5	−53.2	1.3	53.3	178	0.0	1.0	0.3			
170	169	179	0.0	1.0	0.316	55.8	−57.5	9.4	58.2	170	0.0	1.0	0.291	55.7	−58.4	11.4	59.6	169	0.0	1.0	0.317	0.0	1.0	0.437	56.6	−52.8	0.4	52.9	179	0.0	1.0	0.317			
171	170	180	0.0	1.0	0.333	55.9	−56.8	8.1	57.4	171	0.0	1.0	0.306	55.8	−57.8	10.2	58.8	170	0.0	1.0	0.333	0.0	1.0	0.448	56.6	−52.3	−0.3	52.4	180	0.0	1.0	0.333			
172	171	181	0.0	1.0	0.35	56.0	−56.2	6.9	56.6	172	0.0	1.0	0.321	55.9	−57.3	9.1	58.1	171	0.0	1.0	0.35	0.0	1.0	0.46	56.7	−51.8	−1.2	52.0	181	0.0	1.0	0.35			
174	172	182	0.0	1.0	0.366	56.1	−55.5	5.7	55.8	174	0.0	1.0	0.336	56.0	−56.7	8.0	57.3	172	0.0	1.0	0.367	0.0	1.0	0.471	56.8	−51.4	−2.0	51.5	182	0.0	1.0	0.367			
175	173	183	0.0	1.0	0.383	56.2	−54.8	4.5	55.0	175	0.0	1.0	0.351	56.1	−56.1	6.9	56.6	173	0.0	1.0	0.383	0.0	1.0	0.482	56.8	−50.8	−2.8	51.0	183	0.0	1.0	0.383			
176	174	184	0.0	1.0	0.4	56.3	−54.2	3.2	54.3	176	0.0	1.0	0.366	56.2	−55.4	5.8	55.8	174	0.0	1.0	0.4	0.0	1.0	0.494	56.9	−50.3	−3.5	50.6	184	0.0	1.0	0.4			
177	175	185	0.0	1.0	0.416	56.4	−53.6	1.9	53.7	177	0.0	1.0	0.38	56.3	−54.9	4.8	55.2	175	0.0	1.0	0.417	0.0	1.0	0.505	56.9	−49.9	−4.3	50.2	185	0.0	1.0	0.417			
179	176	185	0.0	1.0	0.433	56.5	−53.0	0.6	53.0	179	0.0	1.0	0.392	56.3	−54.5	3.8	54.7	176	0.0	1.0	0.433	0.0	1.0	0.515	57.0	−49.5	−5.1	49.9	185	0.0	1.0	0.433			
180	177	186	0.0	1.0	0.45	56.6	−52.3	−0.5	52.3	180	0.0	1.0	0.405	56.4	−54.0	2.8	54.2	177	0.0	1.0	0.45	0.0	1.0	0.526	57.0	−49.1	−5.8	49.6	186	0.0	1.0	0.45			
181	178	187	0.0	1.0	0.466	56.7	−51.6	−1.7	51.6	181	0.0	1.0	0.417	56.5	−53.5	1.9	53.7	178	0.0	1.0	0.467	0.0	1.0	0.537	57.1	−48.7	−6.6	49.3	187	0.0	1.0	0.467			
183	179	188	0.0	1.0	0.483	56.8	−50.9	−2.9	50.9	183	0.0	1.0	0.43	56.5	−53.1	0.9	53.2	179	0.0	1.0	0.483	0.0	1.0	0.548	57.1	−48.3	−7.3	49.0	188	0.0	1.0	0.483			
184	180	189	0.0	1.0	0.5	56.9	−50.1	−4.0	50.3	184	0.0	1.0	0.442	56.6	−52.6	0.0	52.7	180	0.0	1.0	0.5	0.0	1.0	0.558	57.2	−47.9	−8.0	48.7	189	0.0	1.0	0.5			
186	181	190	0.0	1.0	0.516	56.9	−49.5	−5.2	49.8	186	0.0	1.0	0.455	56.7	−52.0	−0.8	52.2	181	0.0	1.0	0.517	0.0	1.0	0.569	57.2	−47.4	−8.7	48.4	190	0.0	1.0	0.517			
187	182	191	0.0	1.0	0.533	57.0	−48.9	−6.4	49.3	187	0.0	1.0	0.467	56.7	−51.5	−1.7	51.6	182	0.0	1.0	0.533	0.0	1.0	0.58	57.3	−47.0	−9.4	48.1	191	0.0	1.0	0.533			
188	183	192	0.0	1.0	0.55	57.1	−48.3	−7.5	48.8	188	0.0	1.0	0.48	56.8	−51.0	−2.6	51.1	183	0.0	1.0	0.55	0.0	1.0	0.591	57.3	−46.6	−10.1	47.8	192	0.0	1.0	0.55			
190	184	193	0.0	1.0	0.566	57.2	−47.6	−8.6	48.4	190	0.0	1.0	0.492	56.9	−50.4	−3.4	50.6	184	0.0	1.0	0.567	0.0	1.0	0.601	57.4	−46.1	−10.8	47.5	193	0.0	1.0	0.567			
191	185	194	0.0	1.0	0.583	57.2	−46.9	−9.7	47.9	191	0.0	1.0	0.504	56.9	−49.9	−4.3	50.2	185	0.0	1.0	0.583	0.0	1.0	0.612	57.4	−45.6	−11.4	47.2	194	0.0	1.0	0.583			
193	186	195	0.0	1.0	0.6	57.3	−46.2	−10.7	47.4	193	0.0	1.0	0.516	57.0	−49.5	−5.1	49.9	186	0.0	1.0	0.6	0.0	1.0	0.623	57.5	−45.1	−12.1	46.9	195	0.0	1.0	0.6			
194	187	195	0.0	1.0	0.616	57.4	−45.5	−11.8	47.0	194	0.0	1.0	0.528	57.0	−49.1	−5.9	49.5	187	0.0	1.0	0.617	0.0	1.0	0.634	57.5	−44.8	−12.8	46.7	195	0.0	1.0	0.617			
195	188	196	0.0	1.0	0.633	57.4	−44.8	−12.8	46.6	195	0.0	1.0	0.54	57.1	−48.6	−6.7	49.2	188	0.0	1.0	0.633	0.0	1.0	0.645	57.5	−44.4	−13.4	46.6	196	0.0	1.0	0.633			
197	189	197	0.0	1.0	0.65	57.4	−44.4	−13.8	46.5	197	0.0	1.0	0.551	57.1	−48.2	−7.5	48.9	189	0.0	1.0	0.65	0.0	1.0	0.657	57.5	−44.1	−14.1	46.4	197	0.0	1.0	0.65			
198	190	198	0.0	1.0	0.666	57.5	−43.9	−14.7	46.3	198	0.0	1.0	0.563	57.2	−47.7	−8.3	48.5	190	0.0	1.0	0.667	0.0	1.0	0.668	57.5	−43.8	−14.8	46.3	198	0.0	1.0	0.667			
199	191	199	0.0	1.0	0.683	57.5	−43.3	−15.7	46.1	199	0.0	1.0	0.575	57.2	−47.2	−9.1	48.2	191	0.0	1.0	0.683	0.0	1.0	0.68	57.5	−43.4	−15.4	46.2	199	0.0	1.0	0.683			
201	192	200	0.0	1.0	0.7	57.5	−42.8	−16.6	45.9	201	0.0	1.0	0.587	57.3	−46.7	−9.9	47.9	192	0.0	1.0	0.7	0.0	1.0	0.691	57.5	−43.0	−16.1	46.1	200	0.0	1.0	0.7			
202	193	201	0.0	1.0	0.716	57.5	−42.2	−17.5	45.7	202	0.0	1.0	0.598	57.3	−46.2	−10.6	47.5	193	0.0	1.0	0.717	0.0	1.0	0.702	57.5	−42.6	−16.7	45.9	201	0.0	1.0	0.717			
203	194	202	0.0	1.0	0.733	57.5	−41.6	−18.4	45.5	203	0.0	1.0	0.61	57.4	−45.7	−11.3	47.2	194	0.0	1.0	0.733	0.0	1.0	0.714	57.5	−42.2	−17.3	45.8	202	0.0	1.0	0.733			
205	195	203	0.0	1.0	0.75	57.5	−41.0	−19.3	45.3	205	0.0	1.0	0.622	57.5	−45.2	−12.0	46.9	195	0.0	1.0	0.75	0.0	1.0	0.725	57.6	−41.8	−18.0	45.7	203	0.0	1.0	0.75			
206	196	204	0.0	1.0	0.766	57.3	−40.7	−20.5	45.6	206	0.0	1.0	0.634	57.5	−44.8	−12.8	46.7	196	0.0	1.0	0.767	0.0	1.0	0.737	57.6	−41.4	−18.6	45.5	204	0.0	1.0	0.767			
208	197	205	0.0	1.0	0.783	57.1	−40.3	−21.6	45.8	208	0.0	1.0	0.647	57.5	−44.4	−13.5	46.5	197	0.0	1.0	0.783	0.0	1.0	0.748	57.6	−41.0	−19.2	45.4	205	0.0	1.0	0.783			
209	198	206	0.0	1.0	0.8	56.9	−39.9	−22.8	46.0	209	0.0	1.0	0.659	57.5	−44.0	−14.2	46.4	198	0.0	1.0	0.8	0.0	1.0	0.759	57.5	−40.8	−19.9	45.5	206	0.0	1.0	0.8			
211	199	206	0.0	1.0	0.816	56.7	−39.5	−23.9	46.2	211	0.0	1.0	0.672	57.5	−43.6	−15.0	46.3	199	0.0	1.0	0.817	0.0	1.0	0.769	57.3	−40.6	−20.6	45.6	206	0.0	1.0	0.817			
212	200	207	0.0	1.0	0.833	56.5	−39.1	−25.0	46.4	212	0.0	1.0	0.684	57.5	−43.2	−15.7	46.1	200	0.0	1.0	0.833	0.0	1.0	0.779	57.2	−40.4	−21.3	45.8	207	0.0	1.0	0.833			
214	201	208	0.0	1.0	0.85	56.3	−38.6	−26.2	46.6	214	0.0	1.0	0.697	57.5	−42.8	−16.4	46.0	201	0.0	1.0	0.85	0.0	1.0	0.789	57.1	−40.1	−22.0	45.9	208	0.0	1.0	0.85			
215	202	209	0.0	1.0	0.866	56.1	−38.0	−27.3	46.8	215	0.0	1.0	0.709	57.5	−42.4	−17.1	45.9	202	0.0	1.0	0.867	0.0	1.0	0.8	57.0	−39.9	−22.7	46.0	209	0.0	1.0	0.867			
217	203	210	0.0	1.0	0.883	55.8	−37.6	−28.6	47.2	217	0.0	1.0	0.722	57.6	−42.0	−17.8	45.7	203	0.0	1.0	0.883	0.0	1.0	0.81	56.8	−39.6	−23.4	46.2	210	0.0	1.0	0.883			
219	204	211	0.0	1.0	0.9	55.4	−37.1	−30.1	47.8	219	0.0	1.0	0.734	57.6	−41.5	−18.4	45.6	204	0.0	1.0	0.9	0.0	1.0	0.82	56.7	−39.4	−24.1	46.3	211	0.0	1.0	0.9			
220	205	212	0.0	1.0	0.916	55.1	−36.6	−31.6	48.4	220	0.0	1.0	0.747	57.6	−41.1	−19.1	45.4	205	0.0	1.0	0.917	0.0	1.0	0.83	56.6	−39.1	−24.8	46.4	212	0.0	1.0	0.917			
222	206	213	0.0	1.0	0.933	54.7	−36.1	−33.2	49.0	222	0.0	1.0	0.758	57.5	−40.8	−19.8	45.5	206	0.0	1.0	0.933	0.0	1.0	0.841	56.5	−38.8	−25.5	46.5	213	0.0	1.0	0.933			
224	207	214	0.0	1.0	0.95	54.3	−35.5	−34.7	49.6	224	0.0	1.0	0.769	57.3	−40.6	−20.6	45.6	207	0.0	1.0	0.95	0.0	1.0	0.851	56.3	−38.5	−26.2	46.7	214	0.0	1.0	0.95			
226	208	215	0.0	1.0	0.966	54.0	−34.8	−36.2	50.2	226	0.0	1.0	0.781	57.2	−40.3	−21.4	45.8	208	0.0	1.0	0.967	0.0	1.0	0.861	56.2	−38.2	−26.9	46.8	215	0.0	1.0	0.967			
227	209	216	0.0	1.0	0.983	53.6	−34.1	−37.7	50.8	227	0.0	1.0	0.792	57.1	−40.1	−22.2	45.9	209	0.0	1.0	0.983	0.0	1.0	0.871	56.1	−37.8	−27.5	46.9	216	0.0	1.0	0.983			
229	210	216	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229	C_d	0.0	1.0	0.803	56.9	−39.8	−22.9	46.1	210	C_s	0.0	1.0	1.0	0.0	1.0	0.881	55.9	−37.6	−28.3	47.2	216	C_e	0.0	1.0	1.0			

TUB-test chart RE65; 1080 standard colours, *cf*=1
48 step hue circles; *rgb−LabCh**tables

input: *rgb/cmyk −> rgb*$_{de}$
output: 3D-linearization to *cmy0**$_{de}$

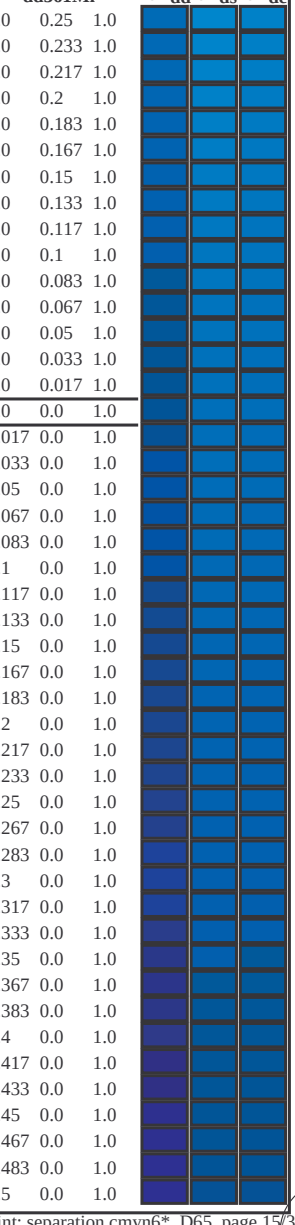
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb*dd361M*			*LAB*ddx361Mi (x=LabCh)*					*rgb*ds361Mi*			*LAB*dsx361Mi (x=LabCh)*					*rgb*dd361Mi*			*rgb*de361Mi*			*LAB*dex361Mi (x=LabCh)*					*rgb*dd361Mi*		
229	210	216	0.0	1.0	1.0	53.2	−33.3	−39.2	51.4	229	C_d	0.0	1.0	0.803	56.9	−39.8	−22.9	46.1	210	C_s	0.0	1.0	1.0	0.0	1.0	0.881	55.9	−37.6	−28.3	47.2	216	C_e	0.0	1.0	1.0
230	211	217	0.0	0.983	1.0	53.1	−33.0	−39.6	51.6	230		0.0	1.0	0.814	56.8	−39.5	−23.7	46.2	211		0.0	0.983	1.0	0.0	1.0	0.889	55.7	−37.4	−29.1	47.5	217		0.0	0.983	1.0
230	212	218	0.0	0.966	1.0	53.1	−32.7	−40.0	51.7	230		0.0	1.0	0.826	56.6	−39.2	−24.5	46.4	212		0.0	0.967	1.0	0.0	1.0	0.898	55.5	−37.2	−29.9	47.8	218		0.0	0.967	1.0
231	213	219	0.0	0.95	1.0	53.0	−32.4	−40.4	51.9	231		0.0	1.0	0.837	56.5	−38.9	−25.2	46.5	213		0.0	0.95	1.0	0.0	1.0	0.906	55.3	−36.9	−30.6	48.1	219		0.0	0.95	1.0
231	214	220	0.0	0.933	1.0	52.9	−32.2	−40.8	52.0	231		0.0	1.0	0.848	56.4	−38.6	−26.0	46.6	214		0.0	0.933	1.0	0.0	1.0	0.915	55.2	−36.6	−31.4	48.4	220		0.0	0.933	1.0
232	215	221	0.0	0.916	1.0	52.8	−31.9	−41.2	52.1	232		0.0	1.0	0.859	56.2	−38.2	−26.7	46.8	215		0.0	0.917	1.0	0.0	1.0	0.924	55.0	−36.4	−32.2	48.7	221		0.0	0.917	1.0
232	216	222	0.0	0.9	1.0	52.7	−31.6	−41.6	52.3	232		0.0	1.0	0.871	56.1	−37.9	−27.5	46.9	216		0.0	0.9	1.0	0.0	1.0	0.932	54.8	−36.1	−33.0	49.0	222		0.0	0.9	1.0
233	217	223	0.0	0.883	1.0	52.7	−31.3	−42.0	52.4	233		0.0	1.0	0.881	55.9	−37.6	−28.3	47.2	217		0.0	0.883	1.0	0.0	1.0	0.941	54.6	−35.8	−33.8	49.4	223		0.0	0.883	1.0
233	218	224	0.0	0.866	1.0	52.6	−30.9	−42.5	52.6	233		0.0	1.0	0.89	55.7	−37.4	−29.2	47.5	218		0.0	0.867	1.0	0.0	1.0	0.949	54.4	−35.5	−34.6	49.7	224		0.0	0.867	1.0
234	219	225	0.0	0.85	1.0	52.6	−30.4	−43.1	52.8	234		0.0	1.0	0.9	55.5	−37.1	−30.0	47.9	219		0.0	0.85	1.0	0.0	1.0	0.958	54.2	−35.1	−35.4	50.0	225		0.0	0.85	1.0
235	220	226	0.0	0.833	1.0	52.6	−30.0	−43.7	53.0	235		0.0	1.0	0.909	55.3	−36.8	−30.9	48.2	220		0.0	0.833	1.0	0.0	1.0	0.966	54.0	−34.8	−36.1	50.3	226		0.0	0.833	1.0
236	221	227	0.0	0.816	1.0	52.6	−29.5	−44.2	53.2	236		0.0	1.0	0.918	55.1	−36.5	−31.8	48.5	221		0.0	0.817	1.0	0.0	1.0	0.975	53.8	−34.4	−36.9	50.6	227		0.0	0.817	1.0
237	222	227	0.0	0.8	1.0	52.6	−29.0	−44.8	53.4	237		0.0	1.0	0.928	54.9	−36.2	−32.6	48.9	222		0.0	0.8	1.0	0.0	1.0	0.984	53.6	−34.0	−37.7	50.9	227		0.0	0.8	1.0
237	223	228	0.0	0.783	1.0	52.6	−28.5	−45.4	53.6	237		0.0	1.0	0.937	54.7	−35.9	−33.5	49.2	223		0.0	0.783	1.0	0.0	1.0	0.992	53.4	−33.6	−38.5	51.2	228		0.0	0.783	1.0
238	224	229	0.0	0.766	1.0	52.6	−28.0	−45.9	53.8	238		0.0	1.0	0.947	54.5	−35.6	−34.3	49.6	224		0.0	0.767	1.0	0.0	0.998	1.0	53.3	−33.2	−39.2	51.5	229		0.0	0.767	1.0
239	225	230	0.0	0.75	1.0	52.6	−27.5	−46.4	54.0	239		0.0	1.0	0.956	54.2	−35.2	−35.2	49.9	225		0.0	0.75	1.0	0.0	0.968	1.0	53.1	−32.7	−39.9	51.8	230		0.0	0.75	1.0
240	226	231	0.0	0.733	1.0	52.2	−26.5	−46.8	53.8	240		0.0	1.0	0.965	54.0	−34.8	−36.0	50.2	226		0.0	0.733	1.0	0.0	0.939	1.0	53.0	−32.2	−40.6	52.0	231		0.0	0.733	1.0
241	227	232	0.0	0.716	1.0	51.9	−25.6	−47.1	53.6	241		0.0	1.0	0.975	53.8	−34.4	−36.9	50.6	227		0.0	0.717	1.0	0.0	0.91	1.0	52.8	−31.7	−41.3	52.2	232		0.0	0.717	1.0
242	228	233	0.0	0.7	1.0	51.6	−24.6	−47.4	53.5	242		0.0	1.0	0.984	53.6	−34.0	−37.7	50.9	228		0.0	0.7	1.0	0.0	0.881	1.0	52.7	−31.2	−42.0	52.5	233		0.0	0.7	1.0
243	229	234	0.0	0.683	1.0	51.3	−23.7	−47.7	53.3	243		0.0	1.0	0.994	53.4	−33.5	−38.6	51.3	229		0.0	0.683	1.0	0.0	0.859	1.0	52.7	−30.7	−42.7	52.7	234		0.0	0.683	1.0
244	230	235	0.0	0.666	1.0	51.0	−22.7	−48.0	53.1	244		0.0	0.99	1.0	53.2	−33.1	−39.4	51.6	230		0.0	0.667	1.0	0.0	0.84	1.0	52.7	−30.1	−43.4	53.0	235		0.0	0.667	1.0
245	231	236	0.0	0.65	1.0	50.7	−21.8	−48.2	52.9	245		0.0	0.958	1.0	53.1	−32.5	−40.2	51.8	231		0.0	0.65	1.0	0.0	0.82	1.0	52.6	−29.5	−44.1	53.2	236		0.0	0.65	1.0
246	232	237	0.0	0.633	1.0	50.4	−20.8	−48.5	52.8	246		0.0	0.926	1.0	52.9	−32.0	−41.0	52.1	232		0.0	0.633	1.0	0.0	0.8	1.0	52.6	−29.0	−44.7	53.4	237		0.0	0.633	1.0
247	233	237	0.0	0.616	1.0	50.0	−19.8	−48.6	52.5	247		0.0	0.894	1.0	52.8	−31.4	−41.7	52.4	233		0.0	0.617	1.0	0.0	0.78	1.0	52.6	−28.4	−45.4	53.7	237		0.0	0.617	1.0
248	234	238	0.0	0.6	1.0	49.4	−18.9	−48.6	52.2	248		0.0	0.866	1.0	52.7	−30.8	−42.5	52.6	234		0.0	0.6	1.0	0.0	0.761	1.0	52.6	−27.8	−46.0	53.9	238		0.0	0.6	1.0
249	235	239	0.0	0.583	1.0	48.9	−17.9	−48.6	51.8	249		0.0	0.845	1.0	52.7	−30.2	−43.2	52.9	235		0.0	0.583	1.0	0.0	0.743	1.0	52.5	−27.0	−46.5	54.0	239		0.0	0.583	1.0
250	236	240	0.0	0.566	1.0	48.4	−17.0	−48.6	51.5	250		0.0	0.823	1.0	52.6	−29.6	−44.0	53.2	236		0.0	0.567	1.0	0.0	0.729	1.0	52.2	−26.2	−46.8	53.8	240		0.0	0.567	1.0
251	237	241	0.0	0.55	1.0	47.8	−16.0	−48.6	51.2	251		0.0	0.802	1.0	52.6	−29.0	−44.7	53.4	237		0.0	0.55	1.0	0.0	0.714	1.0	51.9	−25.4	−47.1	53.7	241		0.0	0.55	1.0
252	238	242	0.0	0.533	1.0	47.3	−15.1	−48.5	50.8	252		0.0	0.78	1.0	52.6	−28.3	−45.4	53.7	238		0.0	0.533	1.0	0.0	0.7	1.0	51.7	−24.6	−47.4	53.5	242		0.0	0.533	1.0
253	239	243	0.0	0.516	1.0	46.8	−14.1	−48.5	50.5	253		0.0	0.758	1.0	52.6	−27.7	−46.1	53.9	239		0.0	0.517	1.0	0.0	0.686	1.0	51.4	−23.8	−47.6	53.4	243		0.0	0.517	1.0
254	240	244	0.0	0.5	1.0	46.2	−13.2	−48.4	50.2	254		0.0	0.74	1.0	52.4	−26.9	−46.6	53.9	240		0.0	0.5	1.0	0.0	0.671	1.0	51.1	−22.9	−47.9	53.2	244		0.0	0.5	1.0
255	241	245	0.0	0.483	1.0	45.6	−12.2	−48.4	50.0	255		0.0	0.724	1.0	52.1	−26.0	−46.9	53.8	241		0.0	0.483	1.0	0.0	0.657	1.0	50.9	−22.1	−48.1	53.1	245		0.0	0.483	1.0
256	242	246	0.0	0.466	1.0	44.9	−11.2	−48.5	49.8	256		0.0	0.709	1.0	51.8	−25.1	−47.2	53.6	242		0.0	0.467	1.0	0.0	0.642	1.0	50.6	−21.3	−48.3	52.9	246		0.0	0.467	1.0
258	243	247	0.0	0.45	1.0	44.3	−10.2	−48.5	49.5	258		0.0	0.693	1.0	51.5	−24.2	−47.5	53.4	243		0.0	0.45	1.0	0.0	0.628	1.0	50.3	−20.4	−48.5	52.8	247		0.0	0.45	1.0
259	244	248	0.0	0.433	1.0	43.6	−9.2	−48.5	49.3	259		0.0	0.677	1.0	51.2	−23.3	−47.8	53.3	244		0.0	0.433	1.0	0.0	0.613	1.0	49.9	−19.6	−48.6	52.5	248		0.0	0.433	1.0
260	245	248	0.0	0.416	1.0	43.0	−8.1	−48.4	49.1	260		0.0	0.661	1.0	50.9	−22.3	−48.0	53.1	245		0.0	0.417	1.0	0.0	0.597	1.0	49.4	−18.7	−48.6	52.2	248		0.0	0.417	1.0
261	246	249	0.0	0.4	1.0	42.3	−7.1	−48.4	48.9	261		0.0	0.645	1.0	50.6	−21.4	−48.3	52.9	246		0.0	0.4	1.0	0.0	0.582	1.0	48.9	−17.8	−48.6	51.9	249		0.0	0.4	1.0
262	247	250	0.0	0.383	1.0	41.7	−6.2	−48.3	48.7	262		0.0	0.629	1.0	50.3	−20.5	−48.5	52.8	247		0.0	0.383	1.0	0.0	0.566	1.0	48.4	−16.9	−48.6	51.6	250		0.0	0.383	1.0
264	248	251	0.0	0.366	1.0	41.0	−5.0	−48.3	48.6	264		0.0	0.613	1.0	49.9	−19.6	−48.6	52.5	248		0.0	0.367	1.0	0.0	0.551	1.0	47.9	−16.0	−48.5	51.2	251		0.0	0.367	1.0
265	249	252	0.0	0.35	1.0	40.3	−3.8	−48.3	48.5	265		0.0	0.596	1.0	49.3	−18.6	−48.6	52.1	249		0.0	0.35	1.0	0.0	0.536	1.0	47.4	−15.2	−48.5	50.9	252		0.0	0.35	1.0
267	250	253	0.0	0.333	1.0	39.6	−2.5	−48.3	48.4	267		0.0	0.579	1.0	48.8	−17.6	−48.6	51.8	250		0.0	0.333	1.0	0.0	0.52	1.0	46.9	−14.3	−48.4	50.6	253		0.0	0.333	1.0
268	251	254	0.0	0.316	1.0	38.9	−1.2	−48.3	48.3	268		0.0	0.562	1.0	48.3	−16.7	−48.6	51.5	251		0.0	0.317	1.0	0.0	0.505	1.0	46.4	−13.4	−48.4	50.3	254		0.0	0.317	1.0
269	252	255	0.0	0.3	1.0	38.1	0.0	−48.2	48.2	269		0.0	0.545	1.0	47.7	−15.7	−48.5	51.1	252		0.0	0.3	1.0	0.0	0.491	1.0	45.9	−12.6	−48.4	50.1	255		0.0	0.3	1.0
271	253	256	0.0	0.283	1.0	37.4	1.2	−48.1	48.1	271		0.0	0.528	1.0	47.2	−14.8	−48.5	50.8	253		0.0	0.283	1.0	0.0	0.478	1.0	45.4	−11.8	−48.4	49.9	256		0.0	0.283	1.0
272	254	257	0.0	0.266	1.0	36.7	2.5	−47.9	48.0	272		0.0	0.511	1.0	46.6	−13.8	−48.4	50.5	254		0.0	0.267	1.0	0.0	0.464	1.0	44.9	−11.0	−48.4	49.8	257		0.0	0.267	1.0
274	255	258	0.0	0.25	1.0	36.0	3.7	−47.8	47.9	274		0.0	0.495	1.0	46.1	−12.9	−48.4	50.2	255		0.0	0.25	1.0	0.0	0.451	1.0	44.3	−10.2	−48.4	49.6	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*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb*dd* *rgb*ds* *rgb*de*
274	255	258	0.0	0.25	1.0	36.0	3.7	−47.8	47.9	274	0.0	0.495	1.0	46.1	−12.9	−48.4	50.2	255	0.0	0.25	1.0	0.0	0.451	1.0	44.3	−10.2	−48.4	49.6	258	0.0	0.25	1.0	
276	256	258	0.0	0.233	1.0	35.8	5.1	−47.4	47.7	276	0.0	0.481	1.0	45.5	−12.0	−48.4	50.0	256	0.0	0.233	1.0	0.0	0.438	1.0	43.8	−9.4	−48.4	49.4	258	0.0	0.233	1.0	
278	257	259	0.0	0.216	1.0	35.6	6.6	−47.1	47.5	278	0.0	0.466	1.0	44.9	−11.1	−48.4	49.8	257	0.0	0.217	1.0	0.0	0.424	1.0	43.3	−8.6	−48.4	49.3	259	0.0	0.217	1.0	
279	258	260	0.0	0.2	1.0	35.4	8.0	−46.7	47.3	279	0.0	0.452	1.0	44.4	−10.2	−48.4	49.6	258	0.0	0.2	1.0	0.0	0.411	1.0	42.8	−7.8	−48.4	49.1	260	0.0	0.2	1.0	
281	259	261	0.0	0.183	1.0	35.2	9.4	−46.2	47.1	281	0.0	0.437	1.0	43.8	−9.3	−48.4	49.4	259	0.0	0.183	1.0	0.0	0.398	1.0	42.3	−7.0	−48.3	48.9	261	0.0	0.183	1.0	
283	260	262	0.0	0.166	1.0	35.0	10.8	−45.7	47.0	283	0.0	0.423	1.0	43.2	−8.5	−48.4	49.3	260	0.0	0.167	1.0	0.0	0.385	1.0	41.7	−6.2	−48.3	48.8	262	0.0	0.167	1.0	
285	261	263	0.0	0.15	1.0	34.8	12.1	−45.2	46.8	285	0.0	0.408	1.0	42.7	−7.6	−48.4	49.1	261	0.0	0.15	1.0	0.0	0.372	1.0	41.3	−5.4	−48.2	48.6	263	0.0	0.15	1.0	
286	262	264	0.0	0.133	1.0	34.6	13.5	−44.6	46.6	286	0.0	0.393	1.0	42.1	−6.7	−48.3	48.9	262	0.0	0.133	1.0	0.0	0.362	1.0	40.8	−4.6	−48.3	48.6	264	0.0	0.133	1.0	
288	263	265	0.0	0.116	1.0	34.3	14.7	−44.2	46.6	288	0.0	0.379	1.0	41.5	−5.8	−48.2	48.7	263	0.0	0.117	1.0	0.0	0.352	1.0	40.4	−3.8	−48.3	48.5	265	0.0	0.117	1.0	
289	264	266	0.0	0.1	1.0	34.0	16.0	−44.0	46.8	289	0.0	0.367	1.0	41.0	−5.0	−48.2	48.6	264	0.0	0.1	1.0	0.0	0.342	1.0	40.0	−3.1	−48.3	48.5	266	0.0	0.1	1.0	
291	265	267	0.0	0.083	1.0	33.7	17.2	−43.8	47.0	291	0.0	0.356	1.0	40.6	−4.1	−48.3	48.6	265	0.0	0.083	1.0	0.0	0.331	1.0	39.5	−2.3	−48.3	48.4	267	0.0	0.083	1.0	
292	266	268	0.0	0.066	1.0	33.3	18.4	−43.5	47.2	292	0.0	0.345	1.0	40.1	−3.3	−48.3	48.5	266	0.0	0.067	1.0	0.0	0.321	1.0	39.1	−1.5	−48.2	48.4	268	0.0	0.067	1.0	
294	267	269	0.0	0.049	1.0	33.0	19.7	−43.2	47.5	294	0.0	0.333	1.0	39.6	−2.4	−48.3	48.4	267	0.0	0.05	1.0	0.0	0.311	1.0	38.7	−0.7	−48.2	48.3	269	0.0	0.05	1.0	
296	268	269	0.0	0.033	1.0	32.7	20.9	−42.9	47.7	296	0.0	0.322	1.0	39.1	−1.6	−48.2	48.4	268	0.0	0.033	1.0	0.0	0.301	1.0	38.2	0.0	−48.1	48.2	269	0.0	0.033	1.0	
297	269	270	0.0	0.016	1.0	32.4	22.1	−42.5	47.9	297	0.0	0.311	1.0	38.7	−0.7	−48.2	48.3	269	0.0	0.017	1.0	0.0	0.291	1.0	37.8	0.7	−48.1	48.2	270	0.0	0.017	1.0	
299	270	271	0.0	0.0	1.0	32.1	23.3	−42.1	48.1	299	B_d	0.0	0.3	1.0	38.2	0.0	−48.1	48.2	270	B_s	0.0	0.0	1.0	0.0	0.281	1.0	37.4	1.5	−48.0	48.1	271	B_e	0.0	0.0	1.0	
300	271	272	0.016	0.0	1.0	32.0	24.4	−41.7	48.3	300	0.0	0.289	1.0	37.7	0.8	−48.1	48.2	271	0.017	0.0	1.0	0.0	0.27	1.0	36.9	2.3	−47.9	48.1	272	0.017	0.0	1.0	
301	272	273	0.033	0.0	1.0	31.9	25.4	−41.4	48.6	301	0.0	0.278	1.0	37.2	1.7	−48.0	48.1	272	0.033	0.0	1.0	0.0	0.259	1.0	36.5	3.0	−47.8	48.0	273	0.033	0.0	1.0	
302	273	274	0.05	0.0	1.0	31.8	26.5	−41.0	48.8	302	0.0	0.266	1.0	36.8	2.5	−47.9	48.1	273	0.05	0.0	1.0	0.0	0.249	1.0	36.1	3.8	−47.7	48.0	274	0.05	0.0	1.0	
304	274	275	0.066	0.0	1.0	31.7	27.5	−40.6	49.0	304	0.0	0.255	1.0	36.3	3.3	−47.8	48.0	274	0.067	0.0	1.0	0.0	0.24	1.0	36.0	4.6	−47.5	47.9	275	0.067	0.0	1.0	
305	275	276	0.083	0.0	1.0	31.6	28.5	−40.1	49.2	305	0.0	0.245	1.0	36.0	4.2	−47.6	47.9	275	0.083	0.0	1.0	0.0	0.231	1.0	35.8	5.4	−47.3	47.7	276	0.083	0.0	1.0	
306	276	277	0.1	0.0	1.0	31.5	29.5	−39.6	49.5	306	0.0	0.236	1.0	35.9	5.0	−47.4	47.8	276	0.1	0.0	1.0	0.0	0.222	1.0	35.7	6.2	−47.1	47.6	277	0.1	0.0	1.0	
308	277	278	0.116	0.0	1.0	31.4	30.6	−39.1	49.7	308	0.0	0.226	1.0	35.8	5.8	−47.2	47.7	277	0.117	0.0	1.0	0.0	0.213	1.0	35.6	6.9	−46.9	47.5	278	0.117	0.0	1.0	
309	278	279	0.133	0.0	1.0	31.3	31.6	−38.6	49.9	309	0.0	0.217	1.0	35.7	6.6	−47.0	47.6	278	0.133	0.0	1.0	0.0	0.204	1.0	35.5	7.7	−46.7	47.4	279	0.133	0.0	1.0	
310	279	280	0.15	0.0	1.0	31.2	32.6	−38.0	50.1	310	0.0	0.207	1.0	35.5	7.4	−46.8	47.5	279	0.15	0.0	1.0	0.0	0.195	1.0	35.4	8.4	−46.5	47.3	280	0.15	0.0	1.0	
311	280	281	0.166	0.0	1.0	31.2	33.7	−37.4	50.3	311	0.0	0.198	1.0	35.4	8.2	−46.5	47.4	280	0.167	0.0	1.0	0.0	0.186	1.0	35.3	9.2	−46.2	47.2	281	0.167	0.0	1.0	
313	281	282	0.183	0.0	1.0	31.1	34.7	−36.8	50.6	313	0.0	0.189	1.0	35.3	9.0	−46.3	47.3	281	0.183	0.0	1.0	0.0	0.178	1.0	35.2	9.9	−46.0	47.1	282	0.183	0.0	1.0	
314	282	283	0.2	0.0	1.0	31.1	35.7	−36.1	50.8	314	0.0	0.179	1.0	35.2	9.8	−46.0	47.2	282	0.2	0.0	1.0	0.0	0.169	1.0	35.0	10.7	−45.7	47.0	283	0.2	0.0	1.0	
315	283	284	0.216	0.0	1.0	31.0	36.7	−35.4	51.0	315	0.0	0.17	1.0	35.1	10.6	−45.7	47.0	283	0.217	0.0	1.0	0.0	0.16	1.0	34.9	11.4	−45.4	46.9	284	0.217	0.0	1.0	
317	284	285	0.233	0.0	1.0	30.9	37.6	−34.7	51.2	317	0.0	0.16	1.0	34.9	11.4	−45.4	46.9	284	0.233	0.0	1.0	0.0	0.151	1.0	34.8	12.1	−45.1	46.8	285	0.233	0.0	1.0	
318	285	285	0.25	0.0	1.0	30.9	38.6	−34.0	51.4	318	0.0	0.151	1.0	34.8	12.1	−45.1	46.8	285	0.25	0.0	1.0	0.0	0.142	1.0	34.7	12.8	−44.8	46.7	285	0.25	0.0	1.0	
319	286	286	0.266	0.0	1.0	31.2	39.5	−33.6	51.9	319	0.0	0.141	1.0	34.7	12.9	−44.8	46.7	286	0.267	0.0	1.0	0.0	0.133	1.0	34.6	13.6	−44.5	46.6	286	0.267	0.0	1.0	
320	287	287	0.283	0.0	1.0	31.5	40.4	−33.3	52.4	320	0.0	0.132	1.0	34.6	13.6	−44.5	46.6	287	0.283	0.0	1.0	0.0	0.124	1.0	34.5	14.3	−44.2	46.5	287	0.283	0.0	1.0	
321	288	288	0.3	0.0	1.0	31.9	41.3	−32.9	52.9	321	0.0	0.122	1.0	34.4	14.4	−44.2	46.6	288	0.3	0.0	1.0	0.0	0.113	1.0	34.3	15.0	−44.1	46.7	288	0.3	0.0	1.0	
322	289	289	0.316	0.0	1.0	32.2	42.2	−32.5	53.3	322	0.0	0.111	1.0	34.2	15.2	−44.1	46.7	289	0.317	0.0	1.0	0.0	0.103	1.0	34.1	15.8	−44.0	46.8	289	0.317	0.0	1.0	
323	290	290	0.333	0.0	1.0	32.6	43.2	−32.1	53.8	323	0.0	0.1	1.0	34.0	16.0	−43.9	46.9	290	0.333	0.0	1.0	0.0	0.092	1.0	33.9	16.6	−43.8	47.0	290	0.333	0.0	1.0	
324	291	291	0.35	0.0	1.0	32.9	44.1	−31.7	54.3	324	0.0	0.089	1.0	33.8	16.8	−43.8	47.0	291	0.35	0.0	1.0	0.0	0.082	1.0	33.7	17.4	−43.7	47.1	291	0.35	0.0	1.0	
325	292	292	0.366	0.0	1.0	33.2	45.0	−31.2	54.8	325	0.0	0.078	1.0	33.6	17.7	−43.6	47.2	292	0.367	0.0	1.0	0.0	0.071	1.0	33.5	18.1	−43.5	47.2	292	0.367	0.0	1.0	
326	293	293	0.383	0.0	1.0	33.6	45.7	−30.8	55.1	326	0.0	0.067	1.0	33.4	18.5	−43.4	47.3	293	0.383	0.0	1.0	0.0	0.061	1.0	33.3	18.9	−43.3	47.4	293	0.383	0.0	1.0	
326	294	294	0.4	0.0	1.0	33.9	46.3	−30.3	55.4	326	0.0	0.056	1.0	33.2	19.3	−43.2	47.4	294	0.4	0.0	1.0	0.0	0.05	1.0	33.1	19.7	−43.1	47.5	294	0.4	0.0	1.0	
327	295	295	0.416	0.0	1.0	34.2	46.9	−29.8	55.6	327	0.0	0.044	1.0	33.0	20.1	−43.0	47.6	295	0.417	0.0	1.0	0.0	0.04	1.0	32.9	20.5	−42.9	47.7	295	0.417	0.0	1.0	
328	296	296	0.433	0.0	1.0	34.5	47.5	−29.3	55.8	328	0.0	0.033	1.0	32.8	20.9	−42.8	47.7	296	0.433	0.0	1.0	0.0	0.029	1.0	32.7	21.2	−42.7	47.8	296	0.433	0.0	1.0	
329	297	297	0.45	0.0	1.0	34.8	48.1	−28.8	56.0	329	0.0	0.022	1.0	32.6	21.7	−42.6	47.9	297	0.45	0.0	1.0	0.0	0.019	1.0	32.5	22.0	−42.5	47.9	297	0.45	0.0	1.0	
329	298	298	0.466	0.0	1.0	35.2	48.6	−28.3	56.3	329	0.0	0.011	1.0	32.3	22.5	−42.3	48.0	298	0.467	0.0	1.0	0.0	0.008	1.0	32.3	22.8	−42.2	48.1	298	0.467	0.0	1.0	
330	299	299	0.483	0.0	1.0	35.5	49.2	−27.7	56.5	330	0.0	0.0	1.0	32.1	23.4	−42.0	48.2	299	0.483	0.0	1.0	0.003	0.0	1.0	32.1	23.5	−42.0	48.2	299	0.483	0.0	1.0	
331	300	300	0.5	0.0	1.0	35.8	49.8	−27.2	56.7	331	0.013	0.0	1.0	32.1	24.2	−41.8	48.3	300	0.5	0.0	1.0	0.015	0.0	1.0	32.0	24.3	−41.7	48.4	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*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb*dd361M*	*LAB*ddx361Mi (x=LabCh)*	*rgb*ds361Mi*	*LAB*dsx361Mi (x=LabCh)*	*rgb*dd361Mi*	*rgb*de361Mi*	*LAB*dex361Mi (x=LabCh)*	*rgb*dd361Mi*	*rgb*dd* *rgb*ds* *rgb*de*
331	300	300	0.5 0.0 1.0	35.8 49.8 −27.2 56.7 331	0.013 0.0 1.0	32.1 24.2 −41.8 48.3 300	0.5 0.0 1.0	0.015 0.0 1.0	32.0 24.3 −41.7 48.4 300	0.5 0.0 1.0	
332	301	301	0.516 0.0 1.0	36.2 50.5 −26.6 57.0 332	0.026 0.0 1.0	32.0 25.0 −41.5 48.5 301	0.517 0.0 1.0	0.027 0.0 1.0	32.0 25.1 −41.5 48.5 301	0.517 0.0 1.0	
333	302	302	0.533 0.0 1.0	36.6 51.1 −26.0 57.4 333	0.039 0.0 1.0	31.9 25.8 −41.2 48.7 302	0.533 0.0 1.0	0.04 0.0 1.0	31.9 25.9 −41.2 48.7 302	0.533 0.0 1.0	
333	303	303	0.55 0.0 1.0	37.1 51.8 −25.4 57.7 333	0.052 0.0 1.0	31.8 26.6 −40.9 48.9 303	0.55 0.0 1.0	0.052 0.0 1.0	31.8 26.6 −40.9 48.9 303	0.55 0.0 1.0	
334	304	303	0.566 0.0 1.0	37.5 52.4 −24.7 58.0 334	0.065 0.0 1.0	31.7 27.4 −40.6 49.0 304	0.567 0.0 1.0	0.064 0.0 1.0	31.7 27.4 −40.6 49.0 303	0.567 0.0 1.0	
335	305	304	0.583 0.0 1.0	37.9 53.1 −24.1 58.3 335	0.078 0.0 1.0	31.7 28.2 −40.2 49.2 305	0.583 0.0 1.0	0.077 0.0 1.0	31.7 28.2 −40.2 49.2 304	0.583 0.0 1.0	
336	306	305	0.6 0.0 1.0	38.3 53.7 −23.4 58.6 336	0.091 0.0 1.0	31.6 29.0 −39.8 49.4 306	0.6 0.0 1.0	0.089 0.0 1.0	31.6 28.9 −39.9 49.4 305	0.6 0.0 1.0	
337	307	306	0.616 0.0 1.0	38.7 54.4 −22.8 59.0 337	0.104 0.0 1.0	31.5 29.8 −39.5 49.6 307	0.617 0.0 1.0	0.101 0.0 1.0	31.5 29.7 −39.5 49.5 306	0.617 0.0 1.0	
338	308	307	0.633 0.0 1.0	39.1 55.1 −22.2 59.4 338	0.117 0.0 1.0	31.4 30.6 −39.1 49.7 308	0.633 0.0 1.0	0.113 0.0 1.0	31.4 30.4 −39.2 49.7 307	0.633 0.0 1.0	
338	309	308	0.65 0.0 1.0	39.5 55.8 −21.7 59.9 338	0.129 0.0 1.0	31.4 31.4 −38.7 49.9 309	0.65 0.0 1.0	0.126 0.0 1.0	31.4 31.2 −38.8 49.8 308	0.65 0.0 1.0	
339	310	309	0.666 0.0 1.0	39.9 56.5 −21.2 60.4 339	0.142 0.0 1.0	31.3 32.2 −38.2 50.1 310	0.667 0.0 1.0	0.138 0.0 1.0	31.3 31.9 −38.4 50.0 309	0.667 0.0 1.0	
340	311	310	0.683 0.0 1.0	40.3 57.2 −20.7 60.9 340	0.154 0.0 1.0	31.3 32.9 −37.8 50.2 311	0.683 0.0 1.0	0.149 0.0 1.0	31.3 32.6 −38.0 50.2 310	0.683 0.0 1.0	
340	312	311	0.7 0.0 1.0	40.7 57.9 −20.2 61.3 340	0.167 0.0 1.0	31.2 33.7 −37.3 50.4 312	0.7 0.0 1.0	0.161 0.0 1.0	31.2 33.4 −37.6 50.3 311	0.7 0.0 1.0	
341	313	312	0.716 0.0 1.0	41.1 58.6 −19.7 61.8 341	0.179 0.0 1.0	31.2 34.5 −36.9 50.6 313	0.717 0.0 1.0	0.173 0.0 1.0	31.2 34.1 −37.1 50.5 312	0.717 0.0 1.0	
342	314	313	0.733 0.0 1.0	41.4 59.3 −19.2 62.3 342	0.192 0.0 1.0	31.1 35.2 −36.4 50.7 314	0.733 0.0 1.0	0.185 0.0 1.0	31.2 34.8 −36.7 50.6 313	0.733 0.0 1.0	
342	315	314	0.75 0.0 1.0	41.8 60.0 −18.6 62.8 342	0.204 0.0 1.0	31.1 36.0 −35.9 50.9 315	0.75 0.0 1.0	0.197 0.0 1.0	31.1 35.5 −36.2 50.8 314	0.75 0.0 1.0	
343	316	315	0.766 0.0 1.0	42.1 60.6 −18.1 63.3 343	0.217 0.0 1.0	31.0 36.7 −35.4 51.0 316	0.767 0.0 1.0	0.209 0.0 1.0	31.1 36.2 −35.7 50.9 315	0.767 0.0 1.0	
343	317	316	0.783 0.0 1.0	42.5 61.2 −17.6 63.7 343	0.229 0.0 1.0	31.0 37.5 −34.8 51.2 317	0.783 0.0 1.0	0.22 0.0 1.0	31.0 36.9 −35.2 51.1 316	0.783 0.0 1.0	
344	318	317	0.8 0.0 1.0	42.8 61.8 −17.1 64.2 344	0.242 0.0 1.0	31.0 38.2 −34.3 51.4 318	0.8 0.0 1.0	0.232 0.0 1.0	31.0 37.6 −34.7 51.3 317	0.8 0.0 1.0	
345	319	318	0.816 0.0 1.0	43.1 62.4 −16.6 64.6 345	0.256 0.0 1.0	31.0 39.0 −33.8 51.7 319	0.817 0.0 1.0	0.244 0.0 1.0	30.9 38.3 −34.2 51.4 318	0.817 0.0 1.0	
345	320	319	0.833 0.0 1.0	43.4 63.0 −16.1 65.1 345	0.274 0.0 1.0	31.4 40.0 −33.4 52.2 320	0.833 0.0 1.0	0.258 0.0 1.0	31.1 39.1 −33.7 51.7 319	0.833 0.0 1.0	
346	321	320	0.85 0.0 1.0	43.7 63.6 −15.6 65.5 346	0.292 0.0 1.0	31.8 40.9 −33.1 52.7 321	0.85 0.0 1.0	0.275 0.0 1.0	31.4 40.0 −33.4 52.2 320	0.85 0.0 1.0	
346	322	321	0.866 0.0 1.0	44.0 64.2 −15.1 66.0 346	0.31 0.0 1.0	32.1 41.9 −32.6 53.2 322	0.867 0.0 1.0	0.292 0.0 1.0	31.8 41.0 −33.0 52.7 321	0.867 0.0 1.0	
347	323	321	0.883 0.0 1.0	44.4 64.9 −14.4 66.5 347	0.328 0.0 1.0	32.5 42.9 −32.2 53.7 323	0.883 0.0 1.0	0.309 0.0 1.0	32.1 41.9 −32.7 53.2 321	0.883 0.0 1.0	
348	324	322	0.9 0.0 1.0	44.9 65.6 −13.8 67.1 348	0.345 0.0 1.0	32.9 43.9 −31.8 54.2 324	0.9 0.0 1.0	0.326 0.0 1.0	32.5 42.8 −32.3 53.7 322	0.9 0.0 1.0	
348	325	323	0.916 0.0 1.0	45.3 66.4 −13.1 67.7 348	0.363 0.0 1.0	33.2 44.8 −31.3 54.7 325	0.917 0.0 1.0	0.343 0.0 1.0	32.8 43.7 −31.8 54.2 323	0.917 0.0 1.0	
349	326	324	0.933 0.0 1.0	45.8 67.1 −12.4 68.2 349	0.383 0.0 1.0	33.6 45.7 −30.8 55.2 326	0.933 0.0 1.0	0.36 0.0 1.0	33.2 44.7 −31.4 54.6 324	0.933 0.0 1.0	
350	327	325	0.95 0.0 1.0	46.2 67.8 −11.6 68.8 350	0.405 0.0 1.0	34.0 46.5 −30.1 55.5 327	0.95 0.0 1.0	0.377 0.0 1.0	33.5 45.6 −30.9 55.1 325	0.95 0.0 1.0	
350	328	326	0.966 0.0 1.0	46.7 68.5 −10.9 69.4 350	0.426 0.0 1.0	34.4 47.3 −29.5 55.8 328	0.967 0.0 1.0	0.398 0.0 1.0	33.9 46.3 −30.3 55.4 326	0.967 0.0 1.0	
351	329	327	0.983 0.0 1.0	47.2 69.2 −10.1 70.0 351	0.448 0.0 1.0	34.9 48.1 −28.8 56.1 329	0.983 0.0 1.0	0.419 0.0 1.0	34.3 47.0 −29.7 55.7 327	0.983 0.0 1.0	
352	330	328	1.0 0.0 1.0	47.6 69.9 −9.4 70.6 352	M_d 0.47 0.0 1.0	35.3 48.8 −28.1 56.4 330	M_s 1.0 0.0 1.0	0.44 0.0 1.0	34.7 47.8 −29.0 56.0 328	M_e 1.0 0.0 1.0	
352	331	329	1.0 0.0 0.983	47.5 69.9 −9.1 70.5 352	0.492 0.0 1.0	35.7 49.6 −27.4 56.7 331	1.0 0.0 0.983	0.461 0.0 1.0	35.1 48.5 −28.4 56.2 329	1.0 0.0 0.983	
352	332	330	1.0 0.0 0.966	47.4 69.9 −8.9 70.5 352	0.513 0.0 1.0	36.2 50.3 −26.7 57.0 332	1.0 0.0 0.967	0.481 0.0 1.0	35.5 49.2 −27.7 56.5 330	1.0 0.0 0.967	
352	333	331	1.0 0.0 0.95	47.3 69.9 −8.6 70.4 352	0.533 0.0 1.0	36.7 51.1 −26.0 57.4 333	1.0 0.0 0.95	0.502 0.0 1.0	35.9 49.9 −27.1 56.8 331	1.0 0.0 0.95	
353	334	332	1.0 0.0 0.933	47.2 69.8 −8.4 70.3 353	0.552 0.0 1.0	37.2 51.9 −25.2 57.8 334	1.0 0.0 0.933	0.521 0.0 1.0	36.4 50.7 −26.4 57.2 332	1.0 0.0 0.933	
353	335	333	1.0 0.0 0.916	47.1 69.8 −8.2 70.3 353	0.572 0.0 1.0	37.7 52.7 −24.5 58.2 335	1.0 0.0 0.917	0.539 0.0 1.0	36.8 51.4 −25.7 57.5 333	1.0 0.0 0.917	
353	336	334	1.0 0.0 0.9	47.1 69.8 −7.9 70.2 353	0.592 0.0 1.0	38.2 53.5 −23.7 58.5 336	1.0 0.0 0.9	0.558 0.0 1.0	37.3 52.2 −25.0 57.9 334	1.0 0.0 0.9	
353	337	335	1.0 0.0 0.883	47.0 69.7 −7.7 70.2 353	0.612 0.0 1.0	38.7 54.2 −22.9 58.9 337	1.0 0.0 0.883	0.577 0.0 1.0	37.8 52.9 −24.3 58.3 335	1.0 0.0 0.883	
354	338	336	1.0 0.0 0.866	46.9 69.6 −7.1 69.9 354	0.633 0.0 1.0	39.2 55.1 −22.2 59.4 338	1.0 0.0 0.867	0.596 0.0 1.0	38.3 53.6 −23.6 58.6 336	1.0 0.0 0.867	
354	339	337	1.0 0.0 0.85	46.8 69.2 −6.2 69.5 354	0.658 0.0 1.0	39.8 56.1 −21.5 60.1 339	1.0 0.0 0.85	0.614 0.0 1.0	38.7 54.3 −22.8 59.0 337	1.0 0.0 0.85	
355	340	338	1.0 0.0 0.833	46.7 68.8 −5.3 69.0 355	0.682 0.0 1.0	40.3 57.2 −20.7 60.9 340	1.0 0.0 0.833	0.635 0.0 1.0	39.2 55.2 −22.1 59.5 338	1.0 0.0 0.833	
356	341	339	1.0 0.0 0.816	46.6 68.5 −4.4 68.6 356	0.707 0.0 1.0	40.9 58.2 −20.0 61.6 341	1.0 0.0 0.817	0.658 0.0 1.0	39.8 56.2 −21.4 60.2 339	1.0 0.0 0.817	
356	342	339	1.0 0.0 0.8	46.5 68.1 −3.6 68.2 356	0.732 0.0 1.0	41.5 59.3 −19.2 62.3 342	1.0 0.0 0.8	0.682 0.0 1.0	40.3 57.2 −20.7 60.9 339	1.0 0.0 0.8	
357	343	340	1.0 0.0 0.783	46.4 67.7 −2.7 67.7 357	0.758 0.0 1.0	42.0 60.3 −18.3 63.1 343	1.0 0.0 0.783	0.705 0.0 1.0	40.9 58.2 −20.0 61.6 340	1.0 0.0 0.783	
358	344	341	1.0 0.0 0.766	46.4 67.3 −1.8 67.3 358	0.787 0.0 1.0	42.6 61.4 −17.5 63.9 344	1.0 0.0 0.767	0.729 0.0 1.0	41.4 59.2 −19.3 62.2 341	1.0 0.0 0.767	
359	345	342	1.0 0.0 0.75	46.3 66.8 −1.0 66.8 359	0.815 0.0 1.0	43.1 62.4 −16.6 64.6 345	1.0 0.0 0.75	0.753 0.0 1.0	41.9 60.1 −18.5 62.9 342	1.0 0.0 0.75	

RE650−73 1−1131531−L0 LAB*la0, YN=0%, XYZnw=4.1, 4.3, 4.8, 85.9, 90.9, 95.3, LAB*nw=24.6, 0.0, 0.0, 96.4, 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*$_d$: $h_{ab,d}$ = 34.2, 99.6, 152.8, 229.7, 299.0, 352.3; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
359	345	342	1.0	0.0	0.75	46.3	66.8	−1.0	66.8	359	0.815	0.0	1.0	43.1	62.4	−16.6	64.6	345	1.0	0.0	0.75	0.753	0.0	1.0	41.9	60.1	−18.5	62.9	342	1.0	0.0	0.75			
360	346	343	1.0	0.0	0.733	46.2	66.6	0.0	66.6	360	0.844	0.0	1.0	43.7	63.5	−15.7	65.4	346	1.0	0.0	0.733	0.78	0.0	1.0	42.4	61.1	−17.7	63.7	343	1.0	0.0	0.733			
360	347	344	1.0	0.0	0.716	46.2	66.3	1.0	66.3	360	0.873	0.0	1.0	44.2	64.5	−14.8	66.2	347	1.0	0.0	0.717	0.807	0.0	1.0	43.0	62.1	−16.9	64.4	344	1.0	0.0	0.717			
361	348	345	1.0	0.0	0.7	46.2	65.9	2.1	66.0	361	0.897	0.0	1.0	44.8	65.6	−13.8	67.0	348	1.0	0.0	0.7	0.835	0.0	1.0	43.5	63.1	−16.0	65.2	345	1.0	0.0	0.7			
362	349	346	1.0	0.0	0.683	46.2	65.6	3.1	65.7	362	0.921	0.0	1.0	45.5	66.6	−12.8	67.8	349	1.0	0.0	0.683	0.862	0.0	1.0	44.0	64.1	−15.2	65.9	346	1.0	0.0	0.683			
363	350	347	1.0	0.0	0.666	46.1	65.3	4.2	65.4	363	0.945	0.0	1.0	46.1	67.6	−11.8	68.7	350	1.0	0.0	0.667	0.887	0.0	1.0	44.6	65.1	−14.3	66.7	347	1.0	0.0	0.667			
364	351	348	1.0	0.0	0.65	46.1	64.9	5.2	65.1	364	0.968	0.0	1.0	46.8	68.7	−10.8	69.5	351	1.0	0.0	0.65	0.909	0.0	1.0	45.2	66.1	−13.3	67.4	348	1.0	0.0	0.65			
365	352	349	1.0	0.0	0.633	46.1	64.5	6.2	64.8	365	0.992	0.0	1.0	47.4	69.7	−9.7	70.3	352	1.0	0.0	0.633	0.932	0.0	1.0	45.8	67.1	−12.4	68.2	349	1.0	0.0	0.633			
366	353	350	1.0	0.0	0.616	46.1	64.2	7.2	64.6	366	1.0	0.0	0.942	47.3	69.9	−8.5	70.4	353	1.0	0.0	0.617	0.954	0.0	1.0	46.4	68.1	−11.4	69.0	350	1.0	0.0	0.617			
367	354	351	1.0	0.0	0.6	46.1	63.8	8.3	64.3	367	1.0	0.0	0.87	46.9	69.7	−7.2	70.0	354	1.0	0.0	0.6	0.977	0.0	1.0	47.0	69.0	−10.4	69.8	351	1.0	0.0	0.6			
368	355	352	1.0	0.0	0.583	46.1	63.5	9.3	64.1	368	1.0	0.0	0.846	46.8	69.2	−6.0	69.4	355	1.0	0.0	0.583	0.999	0.0	1.0	47.6	70.0	−9.4	70.6	352	1.0	0.0	0.583			
369	356	353	1.0	0.0	0.566	46.0	63.1	10.3	63.9	369	1.0	0.0	0.823	46.7	68.6	−4.7	68.8	356	1.0	0.0	0.567	1.0	0.0	0.92	47.2	69.9	−8.2	70.3	353	1.0	0.0	0.567			
370	357	354	1.0	0.0	0.55	46.0	62.7	11.3	63.7	370	1.0	0.0	0.799	46.6	68.1	−3.5	68.2	357	1.0	0.0	0.55	1.0	0.0	0.865	46.9	69.6	−7.0	69.9	354	1.0	0.0	0.55			
371	358	355	1.0	0.0	0.533	46.0	62.3	12.3	63.5	371	1.0	0.0	0.776	46.5	67.5	−2.3	67.6	358	1.0	0.0	0.533	1.0	0.0	0.843	46.8	69.1	−5.8	69.3	355	1.0	0.0	0.533			
372	359	356	1.0	0.0	0.516	46.0	61.9	13.3	63.3	372	1.0	0.0	0.753	46.3	67.0	−1.1	67.0	359	1.0	0.0	0.517	1.0	0.0	0.821	46.7	68.6	−4.6	68.8	356	1.0	0.0	0.517			
373	360	352	1.0	0.0	0.5	46.0	61.4	14.2	63.1	373	1.0	0.0	0.734	46.3	66.6	0.0	66.6	360	1.0	0.0	0.5	0.993	0.0	1.0	47.5	69.7	−9.6	70.4	352	1.0	0.0	0.5			
374	361	353	1.0	0.0	0.483	46.0	61.3	15.3	63.1	374	1.0	0.0	0.716	46.3	66.3	1.2	66.3	361	1.0	0.0	0.483	1.0	0.0	0.927	47.3	69.9	−8.3	70.4	353	1.0	0.0	0.483			
374	362	354	1.0	0.0	0.466	46.0	61.1	16.3	63.2	374	1.0	0.0	0.697	46.2	65.9	2.3	66.0	362	1.0	0.0	0.467	1.0	0.0	0.863	46.9	69.5	−6.9	69.9	354	1.0	0.0	0.467			
375	363	355	1.0	0.0	0.45	45.9	60.9	17.4	63.3	375	1.0	0.0	0.679	46.2	65.6	3.4	65.7	363	1.0	0.0	0.45	1.0	0.0	0.837	46.8	69.0	−5.4	69.2	355	1.0	0.0	0.45			
376	364	356	1.0	0.0	0.433	45.9	60.7	18.4	63.4	376	1.0	0.0	0.661	46.2	65.2	4.6	65.4	364	1.0	0.0	0.433	1.0	0.0	0.811	46.6	68.4	−4.1	68.5	356	1.0	0.0	0.433			
377	365	357	1.0	0.0	0.416	45.9	60.4	19.5	63.5	377	1.0	0.0	0.643	46.2	64.8	5.7	65.0	365	1.0	0.0	0.417	1.0	0.0	0.785	46.5	67.8	−2.7	67.8	357	1.0	0.0	0.417			
378	366	358	1.0	0.0	0.4	45.9	60.2	20.5	63.6	378	1.0	0.0	0.625	46.1	64.4	6.8	64.7	366	1.0	0.0	0.4	1.0	0.0	0.759	46.4	67.1	−1.4	67.1	358	1.0	0.0	0.4			
379	367	359	1.0	0.0	0.383	45.8	59.9	21.5	63.7	379	1.0	0.0	0.607	46.1	64.0	7.9	64.5	367	1.0	0.0	0.383	1.0	0.0	0.736	46.3	66.7	−0.1	66.7	359	1.0	0.0	0.383			
380	368	360	1.0	0.0	0.366	45.8	59.7	22.5	63.9	380	1.0	0.0	0.59	46.1	63.6	8.9	64.3	368	1.0	0.0	0.367	1.0	0.0	0.716	46.3	66.3	1.1	66.3	360	1.0	0.0	0.367			
381	369	362	1.0	0.0	0.35	45.9	59.6	23.5	64.1	381	1.0	0.0	0.572	46.1	63.2	10.0	64.0	369	1.0	0.0	0.35	1.0	0.0	0.696	46.2	65.9	2.4	66.0	362	1.0	0.0	0.35			
382	370	363	1.0	0.0	0.333	46.0	59.5	24.5	64.4	382	1.0	0.0	0.554	46.1	62.8	11.1	63.8	370	1.0	0.0	0.333	1.0	0.0	0.676	46.2	65.5	3.7	65.6	363	1.0	0.0	0.333			
383	371	364	1.0	0.0	0.316	46.0	59.4	25.5	64.7	383	1.0	0.0	0.537	46.1	62.4	12.1	63.6	371	1.0	0.0	0.317	1.0	0.0	0.655	46.2	65.1	4.9	65.3	364	1.0	0.0	0.317			
384	372	365	1.0	0.0	0.3	46.1	59.3	26.5	64.9	384	1.0	0.0	0.519	46.1	62.0	13.2	63.4	372	1.0	0.0	0.3	1.0	0.0	0.635	46.1	64.6	6.1	64.9	365	1.0	0.0	0.3			
384	373	366	1.0	0.0	0.283	46.2	59.1	27.5	65.2	384	1.0	0.0	0.501	46.1	61.5	14.2	63.1	373	1.0	0.0	0.283	1.0	0.0	0.615	46.1	64.2	7.4	64.6	366	1.0	0.0	0.283			
385	374	367	1.0	0.0	0.266	46.2	58.9	28.5	65.5	385	1.0	0.0	0.484	46.0	61.3	15.3	63.2	374	1.0	0.0	0.267	1.0	0.0	0.596	46.1	63.8	8.6	64.3	367	1.0	0.0	0.267			
386	375	368	1.0	0.0	0.25	46.3	58.7	29.5	65.8	386	1.0	0.0	0.467	46.0	61.1	16.4	63.3	375	1.0	0.0	0.25	1.0	0.0	0.576	46.1	63.3	9.8	64.1	368	1.0	0.0	0.25			
387	376	369	1.0	0.0	0.233	46.4	58.8	30.4	66.2	387	1.0	0.0	0.449	46.0	60.9	17.5	63.4	376	1.0	0.0	0.233	1.0	0.0	0.556	46.1	62.9	11.0	63.8	369	1.0	0.0	0.233			
387	377	370	1.0	0.0	0.216	46.4	58.8	31.2	66.6	387	1.0	0.0	0.432	46.0	60.7	18.6	63.5	377	1.0	0.0	0.217	1.0	0.0	0.537	46.1	62.4	12.1	63.6	370	1.0	0.0	0.217			
388	378	372	1.0	0.0	0.2	46.5	58.8	32.1	67.0	388	1.0	0.0	0.414	45.9	60.4	19.6	63.6	378	1.0	0.0	0.2	1.0	0.0	0.517	46.1	61.9	13.3	63.3	372	1.0	0.0	0.2			
389	379	373	1.0	0.0	0.183	46.5	58.8	33.0	67.4	389	1.0	0.0	0.397	45.9	60.2	20.7	63.6	379	1.0	0.0	0.183	1.0	0.0	0.497	46.1	61.4	14.4	63.1	373	1.0	0.0	0.183			
389	380	374	1.0	0.0	0.166	46.6	58.8	33.8	67.8	389	1.0	0.0	0.38	45.9	59.9	21.8	63.7	380	1.0	0.0	0.167	1.0	0.0	0.478	46.0	61.3	15.7	63.2	374	1.0	0.0	0.167			
390	381	375	1.0	0.0	0.15	46.6	58.8	34.7	68.3	390	1.0	0.0	0.361	45.9	59.7	22.9	64.0	381	1.0	0.0	0.15	1.0	0.0	0.459	46.0	61.0	16.9	63.3	375	1.0	0.0	0.15			
391	382	376	1.0	0.0	0.133	46.7	58.7	35.6	68.7	391	1.0	0.0	0.341	46.0	59.6	24.1	64.3	382	1.0	0.0	0.133	1.0	0.0	0.439	46.0	60.8	18.1	63.4	376	1.0	0.0	0.133			
391	383	377	1.0	0.0	0.116	46.7	58.7	36.3	69.1	391	1.0	0.0	0.322	46.1	59.5	25.3	64.6	383	1.0	0.0	0.117	1.0	0.0	0.42	45.9	60.5	19.3	63.5	377	1.0	0.0	0.117			
392	384	378	1.0	0.0	0.1	46.7	58.8	36.8	69.4	392	1.0	0.0	0.302	46.2	59.3	26.4	64.9	384	1.0	0.0	0.1	1.0	0.0	0.401	45.9	60.2	20.5	63.6	378	1.0	0.0	0.1			
392	385	379	1.0	0.0	0.083	46.8	58.9	37.4	69.7	392	1.0	0.0	0.283	46.2	59.1	27.6	65.3	385	1.0	0.0	0.083	1.0	0.0	0.381	45.9	59.9	21.7	63.7	379	1.0	0.0	0.083			
392	386	381	1.0	0.0	0.066	46.8	58.9	37.9	70.1	392	1.0	0.0	0.264	46.3	58.9	28.7	65.6	386	1.0	0.0	0.067	1.0	0.0	0.36	45.9	59.7	23.0	64.0	381	1.0	0.0	0.067			
393	387	382	1.0	0.0	0.049	46.9	59.0	38.5	70.4	393	1.0	0.0	0.242	46.4	58.8	30.0	66.0	387	1.0	0.0	0.05	1.0	0.0	0.339	46.0	59.6	24.2	64.4	382	1.0	0.0	0.05			
393	388	383	1.0	0.0	0.033	46.9	59.0	39.0	70.8	393	1.0	0.0	0.216	46.5	58.8	31.3	66.6	388	1.0	0.0	0.033	1.0	0.0	0.317	46.1	59.5	25.5	64.7	383	1.0	0.0	0.033			
393	389	384	1.0	0.0	0.016	47.0	59.1	39.6	71.1	393	1.0	0.0	0.191	46.5	58.9	32.6	67.3	389	1.0	0.0	0.017	1.0	0.0	0.295	46.2	59.3	26.8	65.1	384	1.0	0.0	0.017			
394	390	385	1.0	0.0	0.0	47.0	59.1	40.1	71.5	394	R_d	1.0	0.0	0.165	46.6	58.8	34.0	67.9	390	R_s	1.0	0.0	0.0	1.0	0.0	0.274	46.3	59.1	28.1	65.4	385	R_e	1.0	0.0	0.0			

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	0.273	46.2	59.0	28.1	65.4	25.4	1.0	0.0	0.275	46.9	59.7	27.7	65.8	24.8	1.0	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	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	0.042	46.9	59.0	38.7	70.6	33.2	1.0	0.0	0.043	47.3	59.2	38.2	70.5	32.8	0.6	387	1.0	0.0	0.042	46.9	59.0	38.7	70.6	33.2
2/666	R25Y_100_100$_{de}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.075	0.0	50.6	56.2	48.9	74.5	41.0	1.0	0.074	0.0	49.8	59.9	51.7	79.2	40.8	4.7	33	1.0	0.075	0.0	50.6	56.2	48.9	74.5	41.0
3/675	R38Y_100_100$_{de}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.167	0.0	55.6	48.5	57.8	75.4	49.9	1.0	0.166	0.0	54.3	50.7	58.6	77.5	49.1	2.7	38	1.0	0.167	0.0	55.6	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	0.252	0.0	60.9	37.9	62.8	73.4	58.8	1.0	0.253	0.0	59.3	40.8	63.1	75.2	57.0	3.3	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
5/693	R63Y_100_100$_{de}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.362	0.0	66.2	27.9	68.4	73.9	67.8	1.0	0.363	0.0	64.8	30.6	67.7	74.3	65.6	3.1	50	1.0	0.362	0.0	66.2	27.9	68.4	73.9	67.8
6/702	R75Y_100_100$_{de}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.492	0.0	71.8	17.3	73.4	75.4	76.7	1.0	0.494	0.0	70.8	19.5	72.0	74.6	74.8	2.7	59	1.0	0.492	0.0	71.8	17.3	73.4	75.4	76.7
7/711	R88Y_100_100$_{de}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.652	0.0	77.5	7.5	78.2	78.6	84.5	1.0	0.65	0.0	75.9	10.2	77.0	77.7	82.4	3.3	69	1.0	0.652	0.0	77.5	7.5	78.2	78.6	84.5
8/720	Y00G_100_100$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3	0.993	0.793	0.004	83.3	−1.9	77.9	77.9	91.4	1.4	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
9/639	Y13G_100_100$_{de}$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.905	1.0	0.0	92.4	−16.7	90.7	92.2	100.4	0.907	1.0	0.0	91.8	−15.7	91.1	92.4	99.8	1.2	94	0.905	1.0	0.0	92.4	−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	0.672	1.0	0.0	84.2	−27.4	81.4	85.9	108.6	0.67	1.0	0.0	82.6	−28.6	79.5	84.5	109.7	2.7	108	0.672	1.0	0.0	84.2	−27.4	81.4	85.9	108.6
11/477	Y38G_100_100$_{de}$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.529	1.0	0.0	75.9	−36.3	68.5	77.5	117.9	0.53	1.0	0.0	73.5	−38.2	63.3	73.9	121.1	6.0	118	0.529	1.0	0.0	75.9	−36.3	68.5	77.5	117.9
12/396	Y50G_100_100$_{de}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2	0.378	0.999	0.001	66.9	−46.1	54.4	71.3	130.2	4.9	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
13/315	Y63G_100_100$_{de}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.269	1.0	0.0	63.5	−51.7	48.9	71.2	136.5	0.272	1.0	0.0	63.6	−51.1	48.2	70.3	136.6	0.9	134	0.269	1.0	0.0	63.5	−51.7	48.9	71.2	136.5
14/234	Y75G_100_100$_{de}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.139	1.0	0.0	58.7	−58.5	39.6	70.6	145.9	0.138	0.98	0.001	56.9	−61.5	37.0	71.8	148.9	4.3	142	0.139	1.0	0.0	58.7	−58.5	39.6	70.6	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	0.023	55.0	−65.0	31.6	72.3	154.0	0.047	0.872	0.048	53.6	−66.8	31.3	73.8	154.8	2.3	151	0.0	1.0	0.023	55.0	−65.0	31.6	72.3	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	0.175	55.0	−62.1	19.9	65.3	162.2	0.04	0.874	0.193	53.9	−65.1	21.1	68.5	162.0	3.3	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	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	0.285	55.6	−58.6	11.8	59.8	168.6	0.039	0.874	0.29	54.2	−60.7	10.7	61.7	169.9	2.7	166	0.0	1.0	0.285	55.6	−58.6	11.8	59.8	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	0.38	56.2	−54.9	4.8	55.2	175.0	0.046	0.874	0.371	54.0	−58.6	5.2	58.8	174.8	4.2	172	0.0	1.0	0.38	56.2	−54.9	4.8	55.2	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	0.47	56.7	−51.4	−2.0	51.4	182.3	0.046	0.874	0.455	54.7	−54.8	−1.6	54.8	181.7	3.9	178	0.0	1.0	0.47	56.7	−51.4	−2.0	51.4	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	0.558	57.1	−47.9	−8.1	48.6	189.6	0.046	0.874	0.534	55.3	−50.5	−8.5	51.2	189.5	3.1	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	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	0.645	57.4	−44.5	−13.5	46.5	196.9	0.043	0.874	0.612	55.6	−46.4	−13.5	48.3	196.2	2.6	189	0.0	1.0	0.645	57.4	−44.5	−13.5	46.5	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	0.736	57.5	−41.5	−18.6	45.5	204.2	0.0	1.0	0.739	55.8	−43.1	−18.9	47.1	203.6	2.3	195	0.0	1.0	0.736	57.5	−41.5	−18.6	45.5	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	0.809	56.8	−39.7	−23.4	46.1	210.5	0.028	0.874	0.749	55.0	−42.1	−23.1	48.0	208.7	3.0	199	0.0	1.0	0.809	56.8	−39.7	−23.4	46.1	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	0.88	55.9	−37.6	−28.3	47.1	216.9	0.0	1.0	0.875	54.9	−39.1	−26.8	47.4	214.5	2.2	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	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	0.94	54.5	−35.8	−33.8	49.3	223.3	0.023	0.874	0.874	53.1	−36.7	−33.7	49.9	222.5	1.6	206	0.0	1.0	0.94	54.5	−35.8	−33.8	49.3	223.3
26/62	C25B_100_100$_{de}$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.997	1.0	53.2	−33.2	−39.3	51.5	229.7	0.0	0.997	0.999	52.7	−33.8	−38.5	51.3	228.6	1.1	210	0.0	0.997	1.0	53.2	−33.2	−39.3	51.5	229.7
27/53	C38B_100_100$_{de}$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.8	1.0	52.6	−29.0	−44.8	53.4	237.0	0.001	0.749	0.977	52.3	−28.0	−44.8	52.8	237.9	1.0	220	0.0	0.8	1.0	52.6	−29.0	−44.8	53.4	237.0
28/44	C50B_100_100$_{de}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3	0.0	0.67	1.0	50.9	−21.6	−48.6	53.2	246.0	1.5	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
29/35	C63B_100_100$_{de}$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.55	1.0	47.8	−16.1	−48.6	51.2	251.6	0.0	0.551	1.0	47.3	−15.1	−48.0	50.4	252.4	1.2	236	0.0	0.55	1.0	47.8	−16.1	−48.6	51.2	251.6
30/26	C75B_100_100$_{de}$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.437	1.0	43.8	−9.4	−48.5	49.4	258.9	0.0	0.441	1.0	43.5	−8.4	−47.5	48.3	259.9	1.4	244	0.0	0.437	1.0	43.8	−9.4	−48.5	49.4	258.9
31/17	C88B_100_100$_{de}$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.351	1.0	40.3	−3.9	−48.3	48.5	265.3	0.001	0.36	1.0	39.9	−2.7	−47.2	47.2	266.7	1.7	249	0.0	0.351	1.0	40.3	−3.9	−48.3	48.5	265.3
32/8	B00M_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7	0.0	0.25	0.875	36.8	3.5	−46.5	46.6	274.3	2.6	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
33/89	B13M_100_100$_{de}$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.213	1.0	35.6	6.9	−47.0	47.5	278.3	0.0	0.18	0.874	35.2	8.7	−45.1	45.9	280.9	2.6	258	0.0	0.213	1.0	35.6	6.9	−47.0	47.5	278.3
34/170	B25M_100_100$_{de}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.15	1.0	34.8	12.1	−45.2	46.8	285.0	0.0	0.125	0.875	34.3	12.1	−43.5	45.2	285.6	1.7	261	0.0	0.15	1.0	34.8	12.1	−45.2	46.8	285.0
35/251	B38M_100_100$_{de}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.071	1.0	33.4	18.1	−43.6	47.2	292.5	0.0	0.043	0.874	32.1	19.0	−43.9	47.9	293.4	1.6	266	0.0	0.071	1.0	33.4	18.1	−43.6	47.2	292.5
36/332	B50M_100_100$_{de}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1	0.0	0.0	1.0	30.0	23.6	−42.3	48.5	299.1	2.1	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1
37/413	B63M_100_100$_{de}$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.113	0.0	1.0	31.4	30.4	−39.2	49.6	307.7	0.115	0.0	1.0	30.6	29.7	−39.1	49.1	307.2	1.0	275	0.113	0.0	1.0	31.4	30.4	−39.2	49.6	307.7
38/494	B75M_100_100$_{de}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.208	0.0	1.0	31.0	36.2	−35.8	50.9	315.3	0.193	0.0	0.943	29.9	33.3	−36.8	49.7	312.0	3.3	281	0.208	0.0	1.0	31.0	36.2	−35.8	50.9	315.3
39/575	B88M_100_100$_{de}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.309	0.0	1.0	32.1	41.8	−32.7	53.1	321.9	0.315	0.002	1.0	30.3	38.7	−33.3	51.1	319.3	3.6	287	0.309	0.0	1.0	32.1	41.8	−32.7	53.1	321.9
40/656	M00R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6	0.444	0.0	1.0	33.5	43.0	−29.2	52.0	325.8	4.8	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
41/655	M13R_100_100$_{de}$	1.0	0.0	0.875	1.0	1.0	0.5	337	0.576	0.0	1.0	37.7	52.8	−24.3	58.2	335.2	0.579	0.0	1.0	36.2	48.7	−25.6	55.1	332.2	4.5	305	0.576	0.0	1.0	37.7	52.8	−24.3	58.2	335.2
42/654	M25R_100_100$_{de}$	1.0	0.0	0.75	1.0	1.0	0.5	344	0.728	0.0	1.0	41.3	59.1	−19.3	62.2	341.8	0.727	0.0	1.0	38.7	54.6	−21.5	58.7	338.5	5.6	314	0.728	0.0	1.0	41.3	59.1	−19.3	62.2	341.8
43/653	M38R_100_100$_{de}$	1.0	0.0	0.625	1.0	1.0	0.5	352	0.931	0.0	1.0	45.7	67.0	−12.4	68.2	349.4	0.932	0.0	1.0	44.1	64.7	−14.1	66.2	347.7	3.2	326	0.931	0.0	1.0	45.7	67.0	−12.4	68.2	349.4
44/652	M50R_100_100$_{de}$	1.0	0.0	0.5	1.0	1.0	0.5	360	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0	0.993	0.0	1.0	46.4	67.8	−11.4	68.7	350.4	2.7	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	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	0.716	46.2	66.3	1.1	66.3	0.9	0.998	0.002	0.712	47.3	67.2	0.9	67.2	360.8	1.4	345	1.0	0.0	0.716	46.2	66.3	1.1	66.3	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	0.556	46.0	62.8	10.9	63.8	9.8	1.0	0.0	0.564	47.1	64.0	9.9	64.8	368.8	1.8	356	1.0	0.0	0.556	46.0	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	0.42	45.9	60.5	19.2	63.5	17.6	1.0	0.0	0.423	47.1	61.4	19.3	64.4	377.5	1.4	365	1.0	0.0	0.42	45.9	60.5	19.2	63.5	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	0.273	46.2	59.0	28.1	65.4	25.4	1.0	0.0	0.275	46.9	59.7	27.7	65.8	384.8	1.0	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	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	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.8	0.0	0.0	0.0	0.0	2.3	360	1.0	1.0	1.0	96.3	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	33.5	0.0	0.0	0.0	0.0	0.151	0.194	0.187	32.7	0.0	0.7	0.7	90.8	1.1	360	1.0	1.0	1.0	96.3	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	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	40.7	0.7	0.0	0.7	5.1	1.9	360	1.0	1.0	1.0	96.3	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	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	51.6	1.1	0.0	1.1	358.6	1.1	360	1.0	1.0	1.0	96.3	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	60.4	0.0	0.0	0.0	0.0	0.533	0.596	0.601	61.4	0.5	0.0	0.5	0.4	1.1	360	1.0	1.0	1.0	96.3	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	69.4	0.0	0.0	0.0	0.0	0.643	0.697	0.709	70.0	1.1	−0.2	1.1	346.3	1.3	360	1.0	1.0	1.0	96.3	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	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	78.4	1.0	0.1	1.0	9.1	1.0	360	1.0	1.0	1.0	96.3	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	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	87.9	1.0	0.0	1.0	356.3	1.2	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 2.4

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, Δ*E'**

input: *rgb/cmyk* −> *rgb*$_{de}$
output: 3D-linearization to *cmy0**$_{de}$

1−1131731−F0

n/j	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'*$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
0/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4	1.0	0.0	0.275	46.9	59.7	27.7	65.8	24.8	1.0	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
1/666	R25Y_100_100$_{de}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.075	0.0	50.6	56.2	48.9	74.5	41.0	1.0	0.074	0.0	49.8	59.9	51.7	79.2	40.8	4.7	33	1.0	0.075	0.0	50.6	56.2	48.9	74.5	41.0
2/684	R50Y_100_100$_{de}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8	1.0	0.253	0.0	59.3	40.8	63.1	75.2	57.0	3.3	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
3/702	R75Y_100_100$_{de}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.492	0.0	71.8	17.3	73.4	75.4	76.7	1.0	0.494	0.0	70.8	19.5	72.0	74.6	74.8	2.7	59	1.0	0.492	0.0	71.8	17.3	73.4	75.4	76.7
4/720	Y00G_100_100$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3	0.993	0.793	0.004	83.3	−1.9	77.9	77.9	91.4	1.4	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
5/558	Y25G_100_100$_{de}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.672	1.0	0.0	84.2	−27.4	81.4	85.9	108.6	0.67	1.0	0.0	82.6	−28.6	79.5	84.5	109.7	2.7	108	0.672	1.0	0.0	84.2	−27.4	81.4	85.9	108.6
6/396	Y50G_100_100$_{de}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2	0.378	0.999	0.001	66.9	−46.1	54.4	71.3	130.2	4.9	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
7/234	Y75G_100_100$_{de}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.139	1.0	0.0	58.7	−58.5	39.6	70.6	145.9	0.138	0.98	0.001	56.9	−61.5	37.0	71.8	148.9	4.3	142	0.139	1.0	0.0	58.7	−58.5	39.6	70.6	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	0.175	55.0	−62.1	19.9	65.3	162.2	0.04	0.874	0.193	53.9	−65.1	21.1	68.5	162.0	3.3	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	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	0.175	55.0	−62.1	19.9	65.3	162.2	0.04	0.874	0.193	53.9	−65.1	21.1	68.5	162.0	3.3	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	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	0.558	57.1	−47.9	−8.1	48.6	189.6	0.046	0.874	0.534	55.3	−50.5	−8.5	51.2	189.5	3.1	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	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	0.88	55.9	−37.6	−28.3	47.1	216.9	0.0	1.0	0.875	54.9	−39.1	−26.8	47.4	214.5	2.2	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
12/44	G75B_100_100$_{de}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3	0.0	0.67	1.0	50.9	−21.6	−48.6	53.2	246.0	1.5	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
13/8	B00M_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7	0.0	0.25	0.875	36.8	3.5	−46.5	46.6	274.3	2.6	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
14/332	B25R_100_100$_{de}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1	0.0	0.0	1.0	30.0	23.6	−42.3	48.5	299.1	2.1	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1
15/656	B50R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6	0.444	0.0	1.0	33.5	43.0	−29.2	52.0	325.8	4.8	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
16/652	B75R_100_100$_{de}$	1.0	0.0	0.5	1.0	1.0	0.5	360	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0	0.993	0.0	1.0	46.4	67.8	−11.4	68.7	350.4	2.7	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	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	0.273	46.2	59.0	28.1	65.4	25.4	1.0	0.0	0.275	46.9	59.7	27.7	65.8	24.8	1.0	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	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	0.636	71.3	29.5	14.0	32.7	25.4	1.0	0.466	0.673	68.6	33.4	13.9	36.2	22.6	4.7	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
19/706	R50Y_100_050$_{de}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.626	0.5	78.6	18.9	31.4	36.7	58.8	1.0	0.567	0.501	74.7	18.6	31.8	36.9	59.7	3.9	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
20/724	Y00G_100_050$_{de}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.897	0.5	90.2	−1.5	39.0	39.0	92.3	1.0	0.891	0.595	88.6	−2.3	35.6	35.7	93.7	3.8	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
21/562	Y50G_100_050$_{de}$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.688	1.0	0.5	82.9	−22.1	29.1	36.6	127.2	0.653	0.976	0.498	79.4	−28.4	30.4	41.6	133.0	7.2	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	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	0.587	75.7	−31.0	9.9	32.6	162.2	0.436	1.0	0.595	72.4	−30.4	5.9	30.9	168.8	5.2	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	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	0.94	76.1	−18.8	−14.1	23.5	216.9	0.5	0.943	0.867	73.7	−21.4	−16.4	27.0	217.4	4.2	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
24/368	B00R_100_050$_{de}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.64	1.0	66.8	0.7	−24.0	24.0	271.7	0.544	0.656	0.959	65.3	0.2	−27.7	27.7	270.4	4.0	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
25/692	B50R_100_050$_{de}$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.719	0.5	1.0	65.5	23.8	−14.5	27.9	328.6	0.732	0.501	0.919	66.1	23.9	−17.7	29.8	323.5	3.1	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	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	0.636	71.3	29.5	14.0	32.7	25.4	1.0	0.466	0.673	68.6	33.4	13.9	36.2	22.6	4.7	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	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	0.386	53.3	29.5	14.0	32.7	25.4	0.755	0.23	0.415	54.1	32.1	13.7	34.9	23.1	2.7	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
28/524	R50Y_075_050$_{de}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.376	0.25	60.6	18.9	31.4	36.7	58.8	0.785	0.35	0.232	59.8	21.6	31.6	38.3	55.6	2.8	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
29/542	Y00G_075_050$_{de}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.647	0.25	72.2	−1.5	39.0	39.0	92.3	0.763	0.657	0.302	73.3	−0.3	39.2	39.2	90.5	1.6	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
30/380	Y50G_075_050$_{de}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.438	0.75	0.25	64.9	−22.1	29.1	36.6	127.2	0.41	0.719	0.209	65.9	−24.9	28.6	37.9	131.0	2.9	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	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	0.337	57.7	−31.0	9.9	32.6	162.2	0.224	0.724	0.342	57.5	−33.0	8.4	34.0	165.7	2.5	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	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	0.69	58.1	−18.8	−14.1	23.5	216.9	0.257	0.69	0.653	59.0	−19.7	−15.6	25.1	218.4	1.9	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
33/186	B00R_075_050$_{de}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.39	0.75	48.9	0.7	−24.0	24.0	271.7	0.222	0.341	0.722	48.2	1.0	−26.3	26.3	272.3	2.4	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
34/510	B50R_075_050$_{de}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.469	0.25	0.75	47.5	23.8	−14.5	27.9	328.6	0.458	0.225	0.667	43.8	25.6	−16.3	30.4	327.4	4.4	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	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	0.386	53.3	29.5	14.0	32.7	25.4	0.755	0.23	0.415	54.1	32.1	13.7	34.9	23.1	2.7	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	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	0.136	35.4	29.5	14.0	32.7	25.4	0.431	0.0	0.0	38.6	29.6	15.9	33.7	28.2	3.7	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
37/342	R50Y_050_050$_{de}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.126	0.0	42.7	18.9	31.4	36.7	58.8	0.5	0.125	0.0	43.9	22.0	24.5	33.0	48.1	7.6	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
38/360	Y00G_050_050$_{de}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.397	0.0	54.3	−1.5	39.0	39.0	92.3	0.489	0.422	0.0	55.2	−0.2	39.0	39.0	90.3	1.6	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
39/198	Y50G_050_050$_{de}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.188	0.5	0.0	47.0	−22.1	29.1	36.6	127.2	0.25	0.503	0.0	51.1	−20.9	30.6	37.1	124.2	4.5	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	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	0.087	39.8	−31.0	9.9	32.6	162.2	0.0	0.375	0.0	42.1	−30.7	9.1	32.1	163.3	2.4	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	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	0.44	40.2	−18.8	−14.1	23.5	216.9	0.019	0.384	0.381	42.0	−20.6	−15.7	25.9	217.2	2.9	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
42/4	B00R_050_050$_{de}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.14	0.5	30.9	0.7	−24.0	24.0	271.7	0.0	0.009	0.376	31.2	4.0	−23.5	23.9	279.7	3.3	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
43/328	B50R_050_050$_{de}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.219	0.0	0.5	29.6	23.8	−14.5	27.9	328.6	0.25	0.0	0.375	34.4	25.7	−14.0	29.3	331.3	5.1	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	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	0.136	35.4	29.5	14.0	32.7	25.4	0.431	0.0	0.0	38.6	29.6	15.9	33.7	28.2	3.7	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	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	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.8	0.0	0.0	0.0	0.0	2.3	360	1.0	1.0	1.0	96.3	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	33.5	0.0	0.0	0.0	0.0	0.151	0.194	0.187	32.7	0.0	0.7	0.7	90.8	1.1	360	1.0	1.0	1.0	96.3	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	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	40.7	0.7	0.0	0.7	5.1	1.9	360	1.0	1.0	1.0	96.3	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	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	51.6	1.1	0.0	1.1	358.6	1.1	360	1.0	1.0	1.0	96.3	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	60.4	0.0	0.0	0.0	0.0	0.533	0.596	0.601	61.4	0.5	0.0	0.5	0.4	1.1	360	1.0	1.0	1.0	96.3	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	69.4	0.0	0.0	0.0	0.0	0.643	0.697	0.709	70.0	1.1	−0.2	1.1	346.3	1.3	360	1.0	1.0	1.0	96.3	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	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	78.4	1.0	0.1	1.0	9.1	1.0	360	1.0	1.0	1.0	96.3	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	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	87.9	1.0	0.0	1.0	356.3	1.2	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 3.0

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> *rgb*$_{de}$
output: 3D-linearization to *cmy0**$_{de}$

1−1131831−F0

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.DAT in file (F), page 20/33

n=j	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde				
0	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	24.5	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	26.1	0.1	−6.0	6.0	271.7
2	B00R_025_025de	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.07	0.25	27.7	0.3	−12.0	12.0	271.7
3	B00R_037_037de	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.105	0.375	29.3	0.5	−18.0	18.0	271.7
4	B00R_050_050de	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.14	0.5	30.9	0.7	−24.0	24.0	271.7
5	B00R_062_062de	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.175	0.625	32.5	0.9	−30.0	30.0	271.7
6	B00R_075_075de	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.21	0.75	34.1	1.0	−36.0	36.1	271.7
7	B00R_087_087de	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.245	0.875	35.7	1.2	−42.0	42.1	271.7
8	B00R_100_100de	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
9	G00B_012_012de	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.021	28.3	−7.7	2.4	8.1	162.2
10	G50B_012_012de	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.11	28.4	−4.7	−3.5	5.8	216.9
11	G75B_025_025de	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.167	0.25	31.2	−5.7	−11.9	13.3	244.3
12	G84B_037_037de	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.189	0.375	32.7	−5.0	−18.1	18.8	254.3
13	G88B_050_050de	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.218	0.5	34.2	−4.7	−24.2	24.7	258.9
14	G90B_062_062de	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.248	0.625	35.6	−4.4	−30.2	30.5	261.6
15	G92B_075_075de	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.279	0.75	37.0	−4.1	−36.2	36.4	263.5
16	G93B_087_087de	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.316	0.875	38.7	−4.1	−42.3	42.5	264.4
17	G94B_100_100de	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.351	1.0	40.3	−3.9	−48.3	48.5	265.3
18	G00B_025_025de	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.043	32.1	−15.5	4.9	16.3	162.2
19	G25B_025_025de	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.139	32.7	−11.9	−2.0	12.1	189.6
20	G50B_025_025de	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.22	32.4	−9.4	−7.0	11.7	216.9
21	G65B_037_037de	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.322	0.375	35.1	−11.5	−16.0	19.7	234.3
22	G75B_050_050de	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.335	0.5	37.8	−11.5	−23.9	26.6	244.3
23	G80B_062_062de	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.353	0.625	39.4	−10.6	−30.4	32.2	250.7
24	G84B_075_075de	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.378	0.75	40.9	−10.1	−36.3	37.7	254.3
25	G86B_087_087de	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.406	0.875	42.3	−9.6	−42.4	43.5	257.1
26	G88B_100_100de	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.437	1.0	43.8	−9.4	−48.5	49.4	258.9
27	G00B_037_037de	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.065	36.0	−23.3	7.4	24.4	162.2
28	G15B_037_037de	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.163	36.5	−19.8	0.1	19.8	179.5
29	G34B_037_037de	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.254	36.9	−16.3	−5.8	17.3	199.6
30	G50B_037_037de	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.33	36.3	−14.1	−10.6	17.6	216.9
31	G61B_050_050de	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.498	0.5	38.9	−16.6	−19.6	25.7	229.7
32	G69B_062_062de	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.487	0.625	42.1	−17.7	−28.4	33.5	237.9
33	G75B_075_075de	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.503	0.75	44.4	−17.2	−35.9	39.9	244.3
34	G79B_087_087de	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.522	0.875	46.2	−16.4	−42.5	45.6	248.9
35	G81B_100_100de	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.55	1.0	47.8	−16.1	−48.6	51.2	251.6
36	G00B_050_050de	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.087	39.8	−31.0	9.9	32.6	162.2
37	G11B_050_050de	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.19	40.4	−27.4	2.4	27.6	175.0
38	G25B_050_050de	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.279	40.8	−23.9	−4.0	24.3	189.6
39	G38B_050_050de	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.368	41.0	−20.7	−9.3	22.7	204.2
40	G50B_050_050de	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.44	40.2	−18.8	−14.1	23.5	216.9
41	G59B_062_062de	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.625	0.609	42.8	−21.5	−23.1	31.6	227.0
42	G65B_075_075de	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.644	0.75	45.6	−23.0	−32.1	39.5	234.3
43	G70B_087_087de	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.65	0.875	48.9	−23.7	−40.8	47.2	239.7
44	G75B_100_100de	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
45	G00B_062_062de	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.109	43.6	−38.8	12.4	40.8	162.2
46	G09B_062_062de	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.212	44.2	−35.3	4.8	35.7	172.2
47	G19B_062_062de	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.301	44.7	−31.8	−1.7	31.8	183.2
48	G30B_062_062de	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.396	45.1	−28.0	−8.0	29.1	195.9
49	G40B_062_062de	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.48	45.0	−25.4	−12.9	28.5	206.9
50	G50B_062_062de	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.55	44.1	−23.5	−17.7	29.4	216.9
51	G57B_075_075de	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.75	0.718	46.8	−26.4	−26.5	37.4	225.1
52	G63B_087_087de	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.821	0.875	49.4	−28.2	−35.6	45.5	231.5
53	G68B_100_100de	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.8	1.0	52.6	−29.0	−44.8	53.4	237.0
54	G00B_075_075de	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.131	47.4	−46.6	14.9	48.9	162.2
55	G07B_075_075de	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.234	48.0	−43.2	7.2	43.8	170.4
56	G15B_075_075de	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.327	48.5	−39.6	0.3	39.6	179.5
57	G25B_075_075de	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.418	49.0	−35.9	−6.0	36.4	189.6
58	G34B_075_075de	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.509	49.2	−32.6	−11.6	34.6	199.6
59	G42B_075_075de	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.592	48.9	−30.1	−16.5	34.4	208.7
60	G50B_075_075de	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.66	48.0	−28.2	−21.2	35.3	216.9
61	G56B_087_087de	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.875	0.83	50.6	−31.1	−30.3	43.4	224.2
62	G61B_100_100de	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.997	1.0	53.2	−33.2	−39.3	51.5	229.7
63	G00B_087_087de	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.153	51.2	−54.4	17.4	57.1	162.2
64	G06B_087_087de	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.261	51.8	−50.9	9.4	51.7	169.5
65	G13B_087_087de	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.352	52.4	−47.4	2.6	47.4	176.8
66	G20B_087_087de	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.441	52.8	−43.7	−3.8	43.9	185.0
67	G29B_087_087de	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.535	53.3	−40.0	−10.0	41.2	194.1
68	G36B_087_087de	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.624	53.4	−37.0	−15.2	40.0	202.3
69	G43B_087_087de	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.699	52.9	−34.9	−19.9	40.2	209.6
70	G50B_087_087de	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.77	52.0	−32.9	−24.8	41.2	216.9
71	G55B_100_100de	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	1.0	0.94	54.5	−35.8	−33.8	49.3	223.3
72	G00B_100_100de	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
73	G05B_100_100de	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.285	55.6	−58.6	11.8	59.8	168.6
74	G11B_100_100de	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.38	56.2	−54.9	4.8	55.2	175.0
75	G18B_100_100de	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.47	56.7	−51.4	−2.0	51.4	182.3
76	G25B_100_100de	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	189.6
77	G31B_100_100de	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.645	57.4	−44.5	−13.5	46.5	196.9
78	G38B_100_100de	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.736	57.5	−41.5	−18.6	45.5	204.2
79	G44B_100_100de	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.809	56.8	−39.7	−23.4	46.1	210.5
80	G50B_100_100de	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9

n=j	rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
0	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1	0.0	0.0	0.08	27.5	1.7	−8.3	8.5	282.0	3.1	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
2	0.0	0.003	0.182	28.2	1.8	−15.5	15.6	276.6	3.8	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
3	0.0	0.017	0.306	30.1	4.0	−21.1	21.5	280.8	4.7	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
4	0.0	0.009	0.376	35.5	5.5	−25.5	26.1	282.3	6.8	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
5	0.0	0.0	0.489	37.9	10.4	−32.1	33.7	288.0	11.1	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
6	0.0	0.125	0.623	36.5	16.5	−39.4	42.7	292.7	15.9	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
7	0.0	0.25	0.875	33.2	20.7	−42.6	47.4	295.8	19.6	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
8	0.0	0.25	0.875	32.1	23.3	−42.1	48.1	299.0	23.2	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
9	0.0	0.125	0.0	32.5	−7.6	2.7	8.1	160.1	4.1	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
10	0.0	0.05	0.061	31.3	−6.1	−2.6	6.7	203.4	3.3	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
11	0.016	0.131	0.261	30.5	−6.9	−12.3	14.1	240.6	1.3	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
12	0.0	0.114	0.347	33.8	−5.7	−19.7	20.5	253.7	1.9	239	0.0	0.504	1.0	46.4	−13.5	−48.4	50.3	254.3
13	0.0	0.125	0.428	37.5	−3.9	−24.9	25.3	261.0	3.4	244	0.0	0.437	1.0	43.8	−9.4	−48.5	49.4	258.9
14	0.0	0.125	0.518	39.6	−1.0	−30.7	30.7	268.0	5.2	246	0.0	0.397	1.0	42.2	−7.0	−48.4	48.9	261.6
15	0.0	0.25	0.75	39.7	5.7	−40.4	40.8	278.0	11.0	248	0.0	0.372	1.0	41.2	−5.4	−48.3	48.6	263.5
16	0.0	0.25	0.75	35.3	11.9	−44.5	46.1	285.0	16.6	249	0.0	0.361	1.0	40.8	−4.7	−48.3	48.5	264.4
17	0.001	0.36	1.0	34.4	14.1	−44.3	46.5	287.7	19.4	249	0.0	0.351	1.0	40.3	−3.9	−48.3	48.5	265.3
18	0.0	0.25	0.0	37.6	−16.5	5.4	17.4	161.7	5.5	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
19	0.0	0.17	0.125	34.4	−16.2	−1.9	16.3	186.7	4.5	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	189.6
20	0.012	0.18	0.2	33.8	−14.4	−10.1	17.6	215.0	6.0	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
21	0.0	0.218	0.347	36.3	−13.1	−16.9	21.4	232.1	2.2	217	0.0	0.859	1.0	52.6	−30.7	−42.8	52.7	234.3
22	0.0	0.25	0.5	39.7	−10.5	−23.1	25.4	245.5	2.2	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
23	0.0	0.25	0.625	41.8	−8.2	−29.5	30.6	254.3	3.4	235	0.0	0.566	1.0	48.3	−16.9	−48.6	51.5	250.7
24	0.0	0.261	0.673	41.7	−5.8	−40.2	40.6	261.7	5.8	239	0.0	0.504	1.0	46.4	−13.5	−48.4	50.3	254.3
25	0.0	0.328	0.788	37.8	1.3	−47.5	47.5	271.6	12.9	242	0.0	0.464	1.0	44.8	−11.0	−48.5	49.7	257.1
26	0.0	0.441	1.0	36.0	3.7	−47.8	47.9	274.4	15.3	244	0.0	0.437	1.0	43.8	−9.4	−48.5	49.4	258.9
27	0.0	0.376	0.0	41.7	−26.9	8.8	28.3	161.8	6.9	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
28	0.0	0.295	0.125	40.2	−23.7	1.0	23.7	177.4	5.4	175	0.0	1.0	0.436	56.5	−52.8	0.4	52.8	179.5
29	0.031	0.318	0.236	38.2	−21.2	−7.0	22.4	198.2	5.2	191	0.0	1.0	0.679	57.5	−43.4	−15.5	46.1	199.6
30	0.027	0.289	0.3	39.7	−19.1	−14.9	24.2	218.0	7.4	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
31	0.0	0.307	0.426	42.0	−17.2	−21.0	27.1	230.5	3.4	210	0.0	0.997	1.0	53.2	−33.2	−39.3	51.5	229.7
32	0.0	0.376	0.596	44.3	−14.6	−27.3	30.9	241.8	4.0	222	0.0	0.78	1.0	52.6	−28.4	−45.4	53.6	237.9
33	0.0	0.5	0.75	45.4	−12.5	−35.7	37.8	250.6	4.8	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
34	0.0	0.474	0.824	43.3	−8.9	−47.2	48.0	259.3	9.3	233	0.0	0.597	1.0	49.3	−18.7	−48.6	52.1	248.9
35	0.0	0.551	1.0	41.3	−5.7	−48.3	48.6	263.2	12.2	236	0.0	0.55	1.0	47.8	−16.1	−48.6	51.2	251.6
36	0.0	0.375	0.0	46.0	−38.6	15.9	41.8	157.6	11.4	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
37	0.0	0.376	0.067	44.9	−37.5	6.1	38.0	170.7	11.6	172	0.0	1.0	0.38	56.2	−54.9	4.8	55.2	175.0
38	0.028	0.418	0.249	44.5	−35.0	−2.3	35.1	183.8	11.8	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	189.6
39	0.042	0.411	0.333	43.4	−30.5	−12.2	32.9	201.7	10.4	195	0.0	1.0	0.736	57.5	−41.5	−18.6	45.5	204.2
40	0.019	0.384	0.381	44.4	−25.8	−21.2	33.4	219.3	10.7	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
41	0.0	0.42	0.52	46.5	−21.1	−26.7	34.1	231.7	5.1	208	0.0	1.0	0.974	53.8	−34.4	−37.0	50.5	227.0
42	0.0	0.503	0.667	47.6	−17.9	−34.8	39.1	242.7	6.1	217	0.0	0.859	1.0	52.6	−30.7	−42.8	52.7	234.3
43	0.0	0.573	0.83	46.9	−17.2	−46.1	49.2	249.4	8.6	224	0.0	0.743	1.0	52.4	−27.1	−46.6	53.9	239.7
44	0.0	0.67	1.0	46.2	−13.2	−48.4	50.2	254.6	10.9	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
45	0.0	0.5	0.0	49.8	−57.2	26.9	63.2	154.7	24.2	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
46	0.0	0.483	0.133	49.9	−57.5	18.2	60.4	162.4	26.5	169	0.0	1.0	0.34	56.0	−56.6	7.6	57.1	172.2
47	0.033	0.503	0.26	49.4	−59.0	6.7	59.4	173.4	28.8	178	0.0	1.0	0.482	56.8	−50.9	−2.8	51.0	183.2
48	0.058	0.518	0.374	49.8	−50.2	−4.6	50.4	185.2	22.9	188	0.0	1.0	0.633	57.4	−44.8	−12.8	46.6	195.9
49	0.051	0.508	0.429	50.3	−44.9	−16.9	48.0	200.6	20.5	197	0.0	1.0	0.768	57.3	−40.6	−20.6	45.6	206.9
50	0.026	0.48	0.471	51.5	−36.0	−25.2	44.0	214.9	16.3	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
51	0.0	0.525	0.606	51.1	−28.6	−32.3	43.2	228.4	7.5	207	0.0	1.0	0.957	54.2	−35.2	−35.4	49.9	225.1
52	0.0	0.589	0.757	50.1	−26.8	−42.9	50.6	237.9	7.4	213	0.0	0.939	1.0	52.9	−32.3	−40.7	52.0	231.5
53	0.001	0.749	0.977	50.2	−20.3	−48.6	52.7	247.2	9.7	220	0.0	0.8	1.0	52.6	−29.0	−44.8	53.4	237.0
54	0.001	0.556	0.08	52.7	−70.7	33.6	78.3	154.5	30.9	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
55	0.041	0.577	0.21	51.9	−70.5	24.0	74.5	161.1	32.3	167	0.0	1.0	0.312	55.8	−57.6	9.7	58.4	170.4
56	0.058	0.591	0.314	51.5	−67.2	12.0	68.2	169.8	30.1	175	0.0	1.0	0.436	56.5	−52.8	0.4	52.8	179.5
57	0.066	0.597	0.399	51.9	−61.0	−0.5	61.0	180.5	25.8	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	189.6
58	0.068	0.593	0.465	52.8	−54.4	−10.6	55.4	191.0	22.1	191	0.0	1.0	0.679	57.5	−43.4	−15.5	46.1	199.6
59	0.057	0.578	0.516	53.4	−46.6	−20.9	51.1	204.1	17.6	198	0.0	1.0	0.789	57.0	−40.2	−22.0	45.8	208.7
60	0.026	0.552	0.558	52.6	−41.4	−29.6	50.9	215.5	16.2	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
61	0.0	0.609	0.699	52.2	−35.3	−38.0	51.9	227.1	8.9	207	0.0	1.0	0.949	54.3	−35.5	−34.6	49.6	224.2
62	0.0	0.997	0.999	52.6	−27.5	−46.4	54.0	239.3	9.2	210	0.0	0.997	1.0	53.2	−33.2	−39.3	51.5	229.7
63	0.04	0.672	0.154	52.9	−69.7	32.2	76.9	155.1	21.4	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
64	0.06	0.749	0.261	52.4	−68.8	23.6	72.7	161.0	22.8	166	0.0	1.0	0.299	55.7	−58.1	10.7	59.1	169.5
65	0.069	0.749	0.376	53.3	−62.9	13.0	64.3	168.3	18.7	173	0.0	1.0	0.402	56.3	−54.1	3.0	54.2	176.8
66	0.068	0.697	0.42	53.9	−57.8	2.0	57.9	177.9	15.3	180	0.0	1.0	0.504	56.9	−49.9	−4.4	50.1	185.0
67	0.072	0.696	0.492	54.7	−52.2	−7.8	52.8	188.5	12.4	187	0.0	1.0	0.612	57.4	−45.7	−11.5	47.1	194.1
68	0.067	0.749	0.623	55.3	−46.0	−16.6	48.9	199.9	9.2	193	0.0	1.0	0.713	57.5	−42.3	−17.4	45.7	202.3
69	0.049	0.668	0.605	54.9	−41.3	−24.7	48.2	210.9	8.2	199	0.0	1.0	0.799	56.9	−39.9	−22.7	46.0	209.6
70	0.026	0.64	0.65	53.0	−36.7	−35.1	50.8	223.7	11.0	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
71	0.023	0.874	0.874	52.6	−31.1	−42.2	52.5	233.6	9.8	206	0.0	1.0	0.94	54.5	−35.8	−33.8	49.3	223.3
72	0.04	0.874	0.193	55.1	−65.2	33.4	73.3	152.8	13.8	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
73	0.039	0.874	0.29	54.8	−63.5	23.7	67.8	159.5	12.9	166	0.0	1.0	0.285	55.6	−58.6	11.8	59.8	168.6
74	0.046	0.874	0.371	55.4	−59.8	14.6	61.5	166.2	10.9	172	0.0	1.0	0.38	56.2	−54.9	4.8	55.2	175.0
75	0.046	0.874	0.455	56.2	−55.1	5.2	55.4	174.5	8.1	178	0.0	1.0	0.47	56.7	−51.4	−2.0	51.4	182.3
76	0.046	0.874	0.534	56.9	−50.1	−4.0	50.3	184.6	4.5	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	189.6
77	0.043	0.874	0.612	57.4	−45.1	−12.3	46.7	195.2	1.3	189	0.0	1.0	0.645	57.4	−44.5	−13.5	46.5	196.9
78	0.0	1.0	0.739	57.5	−41.0	−19.3	45.3	205.2	0.8	195	0.0	1.0	0.736	57.5	−41.5	−18.6	45.5	204.2
79	0.028	0.874	0.749	56.0	−37.8	−27.8	46.9	216.3	4.8	199	0.0	1.0	0.809	56.8	−39.7	−23.4	46.1	210.5
80	0.0	1.0	0.875	53.2	−33.3	−39.2	51.4	229.6	12.0	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9

Mean color difference of this page: delta 11.3

1−1131931−F0 RE650−7N, Page 20/33−F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to $cmy0^*_{de}$

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.DAT in file (F), page 21/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_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	0.034	27.2	7.3	3.5	8.1	25.4
82	B50R_012_012de	0.125	0.0	0.125	0.125	0.125	0.062	330	0.054	0.0	0.125	25.8	5.9	−3.6	6.9	328.6
83	B25R_025_025de	0.125	0.0	0.25	0.25	0.25	0.125	300	0.003	0.0	0.25	26.4	6.0	−10.4	12.0	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	28.1	5.9	−16.5	17.5	289.7
85	B11R_050_050de	0.125	0.0	0.5	0.5	0.5	0.25	284	0.0	0.075	0.5	29.7	6.0	−22.6	23.4	285.0
86	B09R_062_062de	0.125	0.0	0.625	0.625	0.625	0.312	281	0.0	0.11	0.625	31.1	6.2	−28.7	29.4	282.1
87	B07R_075_075de	0.125	0.0	0.75	0.75	0.75	0.375	279	0.0	0.146	0.75	32.6	6.3	−34.9	35.5	280.2
88	B06R_087_087de	0.125	0.0	0.875	0.875	0.875	0.437	278	0.0	0.178	0.875	34.1	6.7	−40.9	41.5	279.3
89	B05R_100_100de	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.213	1.0	35.6	6.9	−47.0	47.5	278.3
90	Y00G_012_012de	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.099	0.0	32.0	−0.3	9.7	9.7	92.3
91	NW_012de	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	33.5	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	35.1	0.1	−6.0	6.0	271.7
93	B00R_037_025de	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.195	0.375	36.7	0.3	−12.0	12.0	271.7
94	B00R_050_037de	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.23	0.5	38.3	0.5	−18.0	18.0	271.7
95	B00R_062_050de	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.265	0.625	39.9	0.7	−24.0	24.0	271.7
96	B00R_075_062de	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.3	0.75	41.5	0.9	−30.0	30.0	271.7
97	B00R_087_075de	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.335	0.875	43.1	1.0	−36.0	36.1	271.7
98	B00R_100_087de	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.37	1.0	44.7	1.2	−42.0	42.1	271.7
99	Y50G_025_025de	0.125	0.25	0.0	0.25	0.25	0.125	120	0.094	0.25	0.0	35.8	−11.0	14.5	18.3	127.2
100	G00B_025_012de	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.146	37.3	−7.7	2.4	8.1	162.2
101	G50B_025_012de	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.235	37.4	−4.7	−3.5	5.8	216.9
102	G75B_037_025de	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.292	0.375	40.1	−5.7	−11.9	13.3	244.3
103	G84B_050_037de	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.314	0.5	41.7	−5.0	−18.1	18.8	254.3
104	G88B_062_050de	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.343	0.625	43.1	−4.7	−24.2	24.7	258.9
105	G90B_075_062de	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.373	0.75	44.6	−4.4	−30.2	30.5	261.6
106	G92B_087_075de	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.404	0.875	46.0	−4.1	−36.2	36.4	263.5
107	G93B_100_087de	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.441	1.0	47.7	−4.1	−42.3	42.5	264.4
108	Y68G_037_037de	0.125	0.375	0.0	0.375	0.375	0.187	131	0.084	0.375	0.0	38.4	−20.3	17.0	26.5	140.0
109	G00B_037_025de	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.168	41.1	−15.5	4.9	16.3	162.2
110	G25B_037_025de	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.264	41.7	−11.9	−2.0	12.1	189.6
111	G50B_037_025de	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.345	41.3	−9.4	−7.0	11.7	216.9
112	G65B_050_037de	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.447	0.5	44.0	−11.5	−16.0	19.7	234.3
113	G75B_062_050de	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.46	0.625	46.8	−11.5	−23.9	26.6	244.3
114	G80B_075_062de	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.478	0.75	48.4	−10.6	−30.4	32.2	250.7
115	G84B_087_075de	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.503	0.875	49.9	−10.1	−36.3	37.7	254.3
116	G86B_100_087de	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.531	1.0	51.3	−9.6	−42.4	43.5	257.1
117	Y76G_050_050de	0.125	0.5	0.0	0.5	0.5	0.25	136	0.069	0.5	0.0	41.6	−29.2	19.8	35.3	145.9
118	G00B_050_037de	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.19	44.9	−23.3	7.4	24.4	162.2
119	G15B_050_037de	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.288	45.5	−19.8	0.1	19.8	179.5
120	G34B_050_037de	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.379	45.9	−16.3	−5.8	17.3	199.6
121	G50B_050_037de	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.455	45.3	−14.1	−10.6	17.6	216.9
122	G61B_062_050de	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.623	0.625	47.8	−16.6	−19.6	25.7	229.7
123	G69B_075_062de	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.612	0.75	51.0	−17.7	−28.4	33.5	237.9
124	G75B_087_075de	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.628	0.875	53.4	−17.2	−35.9	39.9	244.3
125	G79B_100_087de	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.647	1.0	55.2	−16.4	−42.5	45.6	248.9
126	Y81G_062_062de	0.125	0.625	0.0	0.625	0.625	0.312	139	0.045	0.625	0.0	44.7	−38.6	22.8	44.8	149.4
127	G00B_062_050de	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.212	48.7	−31.0	9.9	32.6	162.2
128	G11B_062_050de	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.315	49.4	−27.4	2.4	27.6	175.0
129	G25B_062_050de	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.404	49.8	−23.9	−4.0	24.3	189.6
130	G38B_062_050de	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.493	50.0	−20.7	−9.3	22.7	204.2
131	G50B_062_050de	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.565	49.2	−18.8	−14.1	23.5	216.9
132	G59B_075_062de	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.75	0.734	51.8	−21.5	−23.1	31.6	227.0
133	G65B_087_075de	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.769	0.875	54.6	−23.0	−32.1	39.5	234.3
134	G70B_100_087de	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.775	1.0	57.9	−23.7	−40.8	47.2	239.7
135	Y85G_075_075de	0.125	0.75	0.0	0.75	0.75	0.375	141	0.017	0.75	0.0	47.9	−48.1	25.8	54.6	151.7
136	G00B_075_062de	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.234	52.5	−38.8	12.4	40.8	162.2
137	G09B_075_062de	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.337	53.1	−35.3	4.8	35.7	172.2
138	G19B_075_062de	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.426	53.7	−31.8	−1.7	31.8	183.2
139	G30B_075_062de	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.521	54.1	−28.0	−8.0	29.1	195.9
140	G40B_075_062de	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.605	54.0	−25.4	−12.9	28.5	206.9
141	G50B_075_062de	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.675	53.1	−23.5	−17.7	29.4	216.9
142	G57B_087_075de	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.875	0.843	55.7	−26.4	−26.5	37.4	225.1
143	G63B_100_087de	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	0.946	1.0	58.4	−28.2	−35.6	45.5	231.5
144	Y86G_087_087de	0.125	0.875	0.0	0.875	0.875	0.437	142	0.0	0.875	0.001	51.2	−57.0	29.2	64.1	152.9
145	G00B_087_075de	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.256	56.4	−46.6	14.9	48.9	162.2
146	G07B_087_075de	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.359	56.9	−43.2	7.2	43.8	170.4
147	G15B_087_075de	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.452	57.5	−39.6	0.3	39.6	179.5
148	G25B_087_075de	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.543	57.9	−35.9	−6.0	36.4	189.6
149	G34B_087_075de	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.634	58.2	−32.6	−11.6	34.6	199.6
150	G42B_087_075de	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.717	57.9	−30.1	−16.5	34.4	208.7
151	G50B_087_075de	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.785	57.0	−28.2	−21.2	35.3	216.9
152	G56B_100_087de	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	1.0	0.955	59.6	−31.1	−30.3	43.4	224.2
153	Y88G_100_100de	0.125	1.0	0.0	1.0	1.0	0.5	143	0.0	1.0	0.023	55.0	−65.0	31.6	72.3	154.0
154	G00B_100_087de	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.278	60.2	−54.4	17.4	57.1	162.2
155	G06B_100_087de	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.386	60.8	−50.9	9.4	51.7	169.5
156	G13B_100_087de	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.477	61.3	−47.4	2.6	47.4	176.8
157	G20B_100_087de	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.566	61.8	−43.7	−3.8	43.9	185.0
158	G29B_100_087de	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.66	62.2	−40.0	−10.0	41.2	194.1
159	G36B_100_087de	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.749	62.3	−37.0	−15.2	40.0	202.3
160	G43B_100_087de	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	1.0	0.824	61.8	−34.9	−19.9	40.2	209.6
161	G50B_100_087de	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	0.895	60.9	−32.9	−24.8	41.2	216.9

n	rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
81	0.145	0.019	0.005	25.9	7.6	2.4	8.0	17.7	1.7	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
82	0.051	0.0	0.062	29.0	10.9	−3.9	11.6	340.0	5.9	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
83	0.014	0.0	0.132	29.6	12.6	−11.7	17.2	317.2	7.4	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1
84	0.02	0.0	0.27	30.5	14.1	−17.8	22.8	308.4	8.7	264	0.0	0.102	1.0	34.0	15.8	−44.0	46.8	289.7
85	0.0	0.0	0.393	34.1	17.0	−24.4	29.8	304.9	12.0	261	0.0	0.15	1.0	34.8	12.1	−45.2	46.8	285.0
86	0.0	0.0	0.474	35.6	22.3	−30.8	38.0	306.0	16.9	260	0.0	0.177	1.0	35.1	9.9	−46.0	47.1	282.1
87	0.0	0.0	0.623	33.5	29.2	−37.1	47.2	308.1	23.0	259	0.0	0.195	1.0	35.3	8.4	−46.5	47.3	280.2
88	0.0	0.125	0.75	30.7	33.0	−38.0	50.3	310.9	26.7	258	0.0	0.204	1.0	35.4	7.6	−46.8	47.4	279.3
89	0.0	0.18	0.874	31.3	31.1	−38.9	49.8	308.6	25.8	258	0.0	0.213	1.0	35.6	6.9	−47.0	47.5	278.3
90	0.166	0.153	0.0	29.8	−1.2	6.8	6.9	100.2	3.7	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
91	0.151	0.194	0.187	29.0	1.1	0.9	1.5	40.2	4.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
92	0.162	0.214	0.301	32.3	4.0	−5.9	7.1	304.1	4.7	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
93	0.163	0.218	0.398	34.0	4.4	−15.1	15.8	286.1	5.8	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
94	0.144	0.2	0.475	37.2	5.3	−21.6	22.3	283.8	6.1	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
95	0.093	0.175	0.558	40.9	9.3	−26.7	28.3	289.3	9.1	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
96	0.058	0.18	0.655	41.8	13.0	−32.3	34.9	291.9	12.3	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
97	0.078	0.25	0.776	38.0	20.2	−39.5	44.4	297.0	20.0	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
98	0.182	0.42	0.985	35.1	22.6	−40.2	46.1	299.3	23.5	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
99	0.125	0.25	0.0	36.1	−6.8	11.0	13.0	121.5	5.5	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
100	0.127	0.287	0.173	36.0	−5.0	4.6	6.8	137.2	3.7	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
101	0.167	0.289	0.295	35.2	−4.7	−2.8	5.5	210.9	2.2	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
102	0.163	0.312	0.432	36.1	−5.0	−12.0	13.0	247.4	4.1	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
103	0.148	0.292	0.515	40.1	−5.2	−19.4	20.1	254.8	2.0	239	0.0	0.504	1.0	46.4	−13.5	−48.4	50.3	254.3
104	0.094	0.262	0.604	43.9	−2.3	−23.7	23.8	264.4	2.6	244	0.0	0.437	1.0	43.8	−9.4	−48.5	49.4	258.9
105	0.076	0.279	0.701	46.0	1.0	−29.4	29.4	272.0	5.7	246	0.0	0.397	1.0	42.2	−7.0	−48.4	48.9	261.6
106	0.091	0.34	0.815	42.3	8.4	−41.4	42.2	281.5	14.1	248	0.0	0.372	1.0	41.2	−5.4	−48.3	48.6	263.5
107	0.203	0.511	0.991	38.1	13.7	−41.9	44.1	288.1	20.2	249	0.0	0.361	1.0	40.8	−4.7	−48.3	48.5	264.4
108	0.125	0.375	0.0	42.6	−16.3	15.6	22.6	136.1	5.9	137	0.224	1.0	0.0	61.6	−54.3	45.4	70.8	140.0
109	0.119	0.373	0.152	41.3	−15.6	6.9	17.0	156.0	1.9	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
110	0.163	0.39	0.303	41.3	−14.6	−0.8	14.7	183.1	2.9	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	189.6
111	0.174	0.378	0.388	40.9	−13.3	−9.5	16.4	215.4	4.6	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
112	0.136	0.405	0.503	42.9	−10.6	−17.1	20.1	238.1	1.7	217	0.0	0.859	1.0	52.6	−30.7	−42.8	52.7	234.3
113	0.088	0.41	0.623	46.9	−7.7	−23.1	24.3	251.5	3.9	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
114	0.079	0.418	0.749	49.0	−6.8	−27.2	28.1	255.8	4.9	235	0.0	0.566	1.0	48.3	−16.9	−48.6	51.5	250.7
115	0.112	0.466	0.862	47.9	−4.6	−38.3	38.6	263.1	6.2	239	0.0	0.504	1.0	46.4	−13.5	−48.4	50.3	254.3
116	0.198	0.585	0.997	40.4	1.9	−45.4	45.4	272.4	16.1	242	0.0	0.464	1.0	44.8	−11.0	−48.5	49.7	257.1
117	0.125	0.5	0.0	46.2	−27.1	18.8	33.0	145.2	5.1	142	0.139	1.0	0.0	58.7	−58.5	39.6	70.6	145.9
118	0.128	0.488	0.164	45.4	−25.2	10.1	27.2	158.0	3.3	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
119	0.151	0.495	0.3	45.1	−22.7	2.0	22.8	174.7	3.5	175	0.0	1.0	0.436	56.5	−52.8	0.4	52.8	179.5
120	0.169	0.486	0.4	45.4	−20.5	−5.3	21.2	194.5	4.3	191	0.0	1.0	0.679	57.5	−43.4	−15.5	46.1	199.6
121	0.157	0.455	0.453	46.8	−16.8	−14.3	22.1	220.5	4.8	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
122	0.102	0.501	0.573	49.4	−14.1	−21.4	25.6	236.6	3.4	210	0.0	0.997	1.0	53.2	−33.2	−39.3	51.5	229.7
123	0.086	0.561	0.736	50.9	−11.6	−27.9	30.2	247.3	6.1	222	0.0	0.78	1.0	52.6	−28.4	−45.4	53.6	237.9
124	0.121	0.647	0.895	51.3	−11.4	−35.2	37.0	252.0	6.2	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
125	0.173	0.694	1.0	46.1	−8.6	−46.1	46.9	259.4	12.5	233	0.0	0.597	1.0	49.3	−18.7	−48.6	52.1	248.9
126	0.0	0.501	0.0	51.3	−37.7	26.6	46.1	144.8	7.6	146	0.072	1.0	0.0	56.9	−61.8	36.5	71.8	149.4
127	0.121	0.583	0.193	50.6	−34.5	16.7	38.3	154.1	7.7	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
128	0.146	0.588	0.318	50.4	−32.7	8.1	33.7	166.0	7.8	172	0.0	1.0	0.38	56.2	−54.9	4.8	55.2	175.0
129	0.163	0.584	0.413	50.3	−31.2	−1.3	31.2	182.4	7.7	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	189.6
130	0.166	0.573	0.479	51.0	−25.9	−11.1	28.2	203.2	5.5	195	0.0	1.0	0.736	57.5	−41.5	−18.6	45.5	204.2
131	0.138	0.546	0.527	52.1	−21.3	−18.6	28.3	221.1	5.9	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
132	0.099	0.604	0.67	53.0	−18.1	−26.2	31.9	235.3	4.7	208	0.0	1.0	0.974	53.8	−34.4	−37.0	50.5	227.0
133	0.101	0.694	0.838	53.2	−15.9	−34.3	37.8	245.0	7.5	217	0.0	0.859	1.0	52.6	−30.7	−42.8	52.7	234.3
134	0.137	0.846	1.0	50.8	−14.6	−45.3	47.6	252.0	12.4	224	0.0	0.743	1.0	52.4	−27.1	−46.6	53.9	239.7
135	0.0	0.552	0.0	55.9	−53.1	36.7	64.6	145.3	14.4	148	0.023	1.0	0.0	55.6	−64.1	34.4	72.8	151.7
136	0.114	0.678	0.22	55.3	−42.6	21.8	47.8	152.8	10.4	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
137	0.126	0.683	0.329	55.8	−40.1	13.4	42.3	161.5	10.2	169	0.0	1.0	0.34	56.0	−56.6	7.6	57.1	172.2
138	0.145	0.677	0.418	56.6	−39.3	4.2	39.6	173.8	10.0	178	0.0	1.0	0.482	56.8	−50.9	−2.8	51.0	183.2
139	0.158	0.672	0.496	56.9	−36.3	−7.6	37.1	191.9	8.7	188	0.0	1.0	0.633	57.4	−44.8	−12.8	46.6	195.9
140	0.149	0.663	0.563	58.1	−30.9	−14.8	34.3	205.6	7.1	197	0.0	1.0	0.768	57.3	−40.6	−20.6	45.6	206.9
141	0.123	0.645	0.617	57.4	−26.8	−23.2	35.5	220.9	7.7	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
142	0.105	0.722	0.772	56.8	−22.6	−32.5	39.6	235.1	7.1	207	0.0	1.0	0.957	54.2	−35.2	−35.4	49.9	225.1
143	0.146	0.943	0.982	55.6	−20.2	−42.1	46.7	244.3	10.6	213	0.0	0.939	1.0	52.9	−32.3	−40.7	52.0	231.5
144	0.03	0.665	0.002	58.6	−59.2	40.3	71.6	145.7	13.4	150	0.0	1.0	0.001	55.1	−65.2	33.3	73.2	152.9
145	0.111	0.787	0.251	59.2	−55.7	29.5	63.0	152.0	17.3	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
146	0.119	0.778	0.346	59.4	−53.7	19.6	57.2	159.9	16.4	167	0.0	1.0	0.312	55.8	−57.6	9.7	58.4	170.4
147	0.129	0.774	0.428	59.9	−49.4	8.0	50.0	170.7	12.6	175	0.0	1.0	0.436	56.5	−52.8	0.4	52.8	179.5
148	0.145	0.766	0.503	60.3	−44.4	−3.1	44.5	184.0	9.2	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	189.6
149	0.137	0.759	0.583	61.1	−39.6	−10.7	41.0	195.1	7.6	191	0.0	1.0	0.679	57.5	−43.4	−15.5	46.1	199.6
150	0.124	0.748	0.648	61.2	−35.2	−18.6	39.8	207.9	6.3	198	0.0	1.0	0.789	57.0	−40.2	−22.0	45.8	208.7
151	0.118	0.739	0.71	60.2	−30.3	−28.1	41.3	222.8	7.8	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
152	0.113	0.874	0.899	58.1	−26.0	−39.2	47.1	236.4	10.3	207	0.0	1.0	0.949	54.3	−35.5	−34.6	49.6	224.2
153	0.047	0.872	0.048	58.2	−59.2	38.6	70.6	146.8	9.6	151	0.0	1.0	0.023	55.0	−65.0	31.6	72.3	154.0
154	0.125	0.874	0.285	56.9	−60.2	30.8	67.6	152.8	15.0	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
155	0.125	0.874	0.372	56.6	−58.4	21.1	62.1	160.1	14.5	166	0.0	1.0	0.299	55.7	−58.1	10.7	59.1	169.5
156	0.136	0.874	0.453	58.2	−53.0	11.3	54.2	167.9	10.8	173	0.0	1.0	0.402	56.3	−54.1	3.0	54.2	176.8
157	0.138	0.874	0.536	59.1	−47.5	0.0	47.5	180.0	6.0	180	0.0	1.0	0.504	56.9	−49.9	−4.4	50.1	185.0
158	0.137	0.874	0.623	59.6	−41.4	−11.1	42.9	195.1	3.1	187	0.0	1.0	0.612	57.4	−45.7	−11.5	47.1	194.1
159	0.139	0.874	0.714	59.7	−37.9	−17.8	41.9	205.1	3.7	193	0.0	1.0	0.713	57.5	−42.3	−17.4	45.7	202.3
160	0.125	0.875	0.75	59.4	−33.4	−25.7	42.1	217.5	6.4	199	0.0	1.0	0.799	56.9	−39.9	−22.7	46.0	209.6
161	0.168	1.0	0.874	56.1	−31.0	−36.4	47.8	229.6	12.7	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9

Mean color difference of this page: delta **8.8**

1-1132031-F0 RE650-7N, Page 21/33-F

TUB-test chart RE65; 1080 standard colours, cf=1
colors and differences, $\Delta E'^*$

input: $rgb/cmyk$ −> rgb_{de}
output: 3D-linearization to $cmy0^*_{de}$

TUB registration: 20150701-RE65/RE65L0FP.PDF /.PS
application for measurement of laser printer output, separation cmy0* (CMY0)

TUB material: code=rha4ta

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	0.068	30.0	14.7	7.0	16.3	25.4	0.258	0.0	0.0	29.8	13.9	6.6	15.4	25.5	0.9	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
163	R00Y_025_025de	0.25	0.0	0.125	0.25	0.25	0.125	360	0.248	0.0	0.25	30.3	17.4	−2.4	17.5	352.0	0.228	0.004	0.149	30.1	18.4	−0.8	18.5	357.3	1.9	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0
164	B50R_025_025de	0.25	0.0	0.25	0.25	0.25	0.125	330	0.109	0.0	0.25	27.1	11.9	−7.2	13.9	328.6	0.125	0.0	0.125	31.7	22.0	−6.7	23.0	343.0	11.1	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
165	B34R_037_037de	0.25	0.0	0.375	0.375	0.375	0.187	311	0.056	0.0	0.375	27.0	12.2	−14.2	18.8	310.5	0.125	0.0	0.25	32.0	23.7	−12.3	26.7	332.4	12.6	277	0.149	0.0	1.0	31.2	32.6	−38.0	50.1	310.5
166	B25R_050_050de	0.25	0.0	0.5	0.5	0.5	0.25	300	0.007	0.0	0.5	28.3	12.1	−20.9	24.1	300.1	0.125	0.0	0.375	34.0	26.4	−18.8	32.5	324.5	15.5	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1
167	B19R_062_062de	0.25	0.0	0.625	0.625	0.625	0.312	293	0.0	0.037	0.625	30.0	11.8	−27.1	29.6	293.5	0.125	0.0	0.5	34.7	30.0	−23.8	38.3	321.5	19.0	266	0.0	0.06	1.0	33.2	18.9	−43.4	47.3	293.5
168	B15R_075_075de	0.25	0.0	0.75	0.75	0.75	0.375	289	0.0	0.077	0.75	31.7	11.8	−33.0	35.1	289.7	0.0	0.0	0.623	33.4	37.3	−30.1	48.0	321.0	25.7	264	0.0	0.102	1.0	34.0	15.8	−44.0	46.8	289.7
169	B13R_087_087de	0.25	0.0	0.875	0.875	0.875	0.437	286	0.0	0.116	0.875	33.3	11.8	−39.0	40.7	286.9	0.0	0.0	0.749	32.5	38.8	−33.3	51.2	319.3	27.6	262	0.0	0.132	1.0	34.5	13.5	−44.6	46.6	286.9
170	B11R_100_100de	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.15	1.0	34.8	12.1	−45.2	46.8	285.0	0.0	0.125	0.875	30.9	38.6	−34.0	51.4	318.6	29.0	261	0.0	0.15	1.0	34.8	12.1	−45.2	46.8	285.0
171	R50Y_025_025de	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.063	0.0	33.6	9.4	15.7	18.3	58.8	0.282	0.125	0.0	32.6	6.7	10.1	12.2	56.1	6.2	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
172	R00Y_025_012de	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.159	36.2	7.3	3.5	8.1	25.4	0.282	0.194	0.189	32.2	9.6	3.4	10.2	19.6	4.6	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
173	B50R_025_012de	0.25	0.125	0.25	0.25	0.125	0.187	330	0.179	0.124	0.25	34.8	5.9	−3.6	6.9	328.6	0.217	0.182	0.28	33.8	11.6	−2.7	11.9	346.5	5.8	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
174	B25R_037_025de	0.25	0.125	0.375	0.375	0.25	0.25	300	0.128	0.124	0.375	35.4	6.0	−10.4	12.0	300.1	0.189	0.164	0.369	35.6	13.6	−9.2	16.4	325.7	7.6	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	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	37.1	5.9	−16.5	17.5	289.7	0.171	0.16	0.454	37.4	16.3	−17.2	23.7	313.5	10.4	264	0.0	0.102	1.0	34.0	15.8	−44.0	46.8	289.7
176	B11R_062_050de	0.25	0.125	0.625	0.625	0.5	0.375	284	0.125	0.2	0.625	38.6	6.0	−22.6	23.4	285.0	0.133	0.138	0.537	41.0	19.4	−22.7	29.9	310.5	13.6	261	0.0	0.15	1.0	34.8	12.1	−45.2	46.8	285.0
177	B09R_075_062de	0.25	0.125	0.75	0.75	0.625	0.437	281	0.125	0.235	0.75	40.1	6.2	−28.7	29.4	282.1	0.074	0.116	0.626	41.1	23.1	−28.4	36.6	309.1	16.9	260	0.0	0.177	1.0	35.1	9.9	−46.0	47.1	282.1
178	B07R_087_075de	0.25	0.125	0.875	0.875	0.75	0.5	279	0.125	0.271	0.875	41.6	6.3	−34.9	35.5	280.2	0.068	0.157	0.738	37.7	30.8	−34.9	46.6	311.4	24.8	259	0.0	0.195	1.0	35.3	8.4	−46.5	47.3	280.2
179	B06R_100_087de	0.25	0.125	1.0	1.0	0.875	0.562	278	0.125	0.303	1.0	43.1	6.7	−40.9	41.5	279.3	0.184	0.352	0.974	35.6	31.0	−36.2	47.6	310.6	25.8	258	0.0	0.204	1.0	35.4	7.6	−46.8	47.4	279.3
180	Y00G_025_025de	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.198	0.0	39.4	−0.7	19.5	19.5	92.3	0.295	0.262	0.0	35.8	−2.2	15.6	15.8	98.0	5.4	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
181	Y00G_025_012de	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.224	0.124	40.9	−0.3	9.7	9.7	92.3	0.297	0.32	0.174	35.0	0.9	6.5	6.6	82.0	6.8	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
182	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	35.6	2.9	0.7	3.0	13.4	7.5	360	1.0	1.0	1.0	96.3	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	44.1	0.1	−6.0	6.0	271.7	0.296	0.357	0.456	37.8	4.4	−4.1	6.1	316.7	7.8	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
184	B00R_050_025de	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.32	0.5	45.7	0.3	−12.0	12.0	271.7	0.279	0.349	0.536	41.3	5.3	−13.5	14.5	291.5	6.7	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
185	B00R_062_037de	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.355	0.625	47.3	0.5	−18.0	18.0	271.7	0.242	0.33	0.614	45.1	7.8	−19.5	21.0	291.8	7.7	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
186	B00R_075_050de	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.39	0.75	48.9	0.7	−24.0	24.0	271.7	0.222	0.341	0.722	46.9	10.9	−26.1	28.3	292.7	10.6	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
187	B00R_087_062de	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.425	0.875	50.5	0.9	−30.0	30.0	271.7	0.237	0.385	0.816	43.9	19.1	−35.6	40.4	298.2	20.1	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
188	B00R_100_075de	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.46	1.0	52.1	1.0	−36.0	36.1	271.7	0.313	0.517	0.971	39.3	21.9	−37.8	43.7	300.0	24.5	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
189	Y31G_037_037de	0.25	0.375	0.0	0.375	0.375	0.187	109	0.218	0.375	0.0	44.9	−12.4	27.3	30.0	114.4	0.25	0.43	0.0	41.3	−8.4	22.4	23.9	110.6	7.2	114	0.582	1.0	0.0	78.7	−33.1	72.8	80.0	114.4
190	Y50G_037_025de	0.25	0.375	0.125	0.375	0.25	0.25	120	0.219	0.375	0.124	44.7	−11.0	14.5	18.3	127.2	0.254	0.45	0.144	40.1	−6.1	12.8	14.2	115.4	7.0	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
191	G00B_037_012de	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.271	46.3	−7.7	2.4	8.1	162.2	0.28	0.453	0.344	40.8	−4.1	5.3	6.7	127.8	7.1	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
192	G50B_037_012de	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.36	46.4	−4.7	−3.5	5.8	216.9	0.292	0.428	0.435	41.2	−3.2	−1.3	3.5	202.2	5.8	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
193	G75B_050_025de	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.417	0.5	49.1	−5.7	−11.9	13.3	244.3	0.272	0.444	0.554	44.3	−4.1	−10.8	11.5	249.0	5.2	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
194	G84B_062_037de	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.439	0.625	50.7	−5.0	−18.1	18.8	254.3	0.251	0.436	0.645	49.2	−2.7	−17.3	17.5	261.1	2.9	239	0.0	0.504	1.0	46.4	−13.5	−48.4	50.3	254.3
195	G88B_075_050de	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.468	0.75	52.1	−4.7	−24.2	24.7	258.9	0.239	0.453	0.751	50.5	0.0	−24.0	24.0	269.7	4.9	244	0.0	0.437	1.0	43.8	−9.4	−48.5	49.4	258.9
196	G90B_087_062de	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.498	0.875	53.5	−4.4	−30.2	30.5	261.6	0.25	0.484	0.854	50.4	4.4	−34.7	35.0	277.2	10.3	246	0.0	0.397	1.0	42.2	−7.0	−48.4	48.9	261.6
197	G92B_100_075de	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.529	1.0	55.0	−4.1	−36.2	36.4	263.5	0.318	0.581	0.977	45.0	9.6	−38.9	40.1	283.8	17.2	248	0.0	0.372	1.0	41.2	−5.4	−48.3	48.6	263.5
198	Y50G_050_050de	0.25	0.5	0.0	0.5	0.5	0.25	120	0.188	0.5	0.0	47.0	−22.1	29.1	36.6	127.2	0.25	0.503	0.0	49.1	−17.6	29.7	34.5	120.7	5.0	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
199	Y68G_050_037de	0.25	0.5	0.125	0.5	0.375	0.312	131	0.209	0.5	0.124	47.4	−20.3	17.0	26.5	140.0	0.201	0.512	0.103	47.5	−15.1	17.5	23.1	130.7	5.2	137	0.224	1.0	0.0	61.6	−54.3	45.4	70.8	140.0
200	G00B_050_025de	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.293	50.1	−15.5	4.9	16.3	162.2	0.265	0.54	0.33	48.0	−14.6	8.5	17.0	149.7	4.2	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
201	G25B_050_025de	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.389	50.6	−11.9	−2.0	12.1	189.6	0.282	0.527	0.431	47.6	−12.5	−0.7	12.5	183.2	3.3	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	189.6
202	G50B_050_025de	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.47	50.3	−9.4	−7.0	11.7	216.9	0.284	0.502	0.497	49.6	−11.8	−9.3	15.0	218.3	3.3	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
203	G65B_062_037de	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.572	0.625	53.0	−11.5	−16.0	19.7	234.3	0.251	0.549	0.628	51.7	−8.4	−16.6	18.6	242.9	3.3	217	0.0	0.859	1.0	52.6	−30.7	−42.8	52.7	234.3
204	G75B_075_050de	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.585	0.75	55.7	−11.5	−23.9	26.6	244.3	0.252	0.606	0.774	53.4	−6.9	−23.5	24.5	253.4	5.1	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
205	G80B_087_062de	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.603	0.875	57.4	−10.6	−30.4	32.2	250.7	0.269	0.631	0.89	54.1	−5.4	−31.0	31.5	260.1	6.1	235	0.0	0.566	1.0	48.3	−16.9	−48.6	51.5	250.7
206	G84B_100_075de	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.628	1.0	58.9	−10.1	−36.3	37.7	254.3	0.317	0.663	0.988	47.2	0.1	−41.2	41.2	270.2	16.3	239	0.0	0.504	1.0	46.4	−13.5	−48.4	50.3	254.3
207	Y61G_062_062de	0.25	0.625	0.0	0.625	0.625	0.312	127	0.177	0.625	0.0	49.4	−31.8	31.3	44.6	135.4	0.129	0.623	0.0	55.0	−28.0	36.5	46.0	127.4	8.5	134	0.283	1.0	0.0	64.3	−50.9	50.1	71.4	135.4
208	Y76G_062_050de	0.25	0.625	0.125	0.625	0.5	0.375	136	0.194	0.625	0.125	50.6	−29.2	19.8	35.3	145.9	0.17	0.59	0.099	54.4	−25.6	24.1	35.2	136.7	6.8	142	0.139	1.0	0.0	58.7	−58.5	39.6	70.6	145.9
209	G00B_062_037de	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.315	53.9	−23.3	7.4	24.4	162.2	0.256	0.632	0.335	53.7	−24.1	14.0	27.9	149.8	6.6	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
210	G15B_062_037de	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.413	54.5	−19.8	0.1	19.8	179.5	0.271	0.627	0.43	52.9	−22.5	3.2	22.7	171.9	4.3	175	0.0	1.0	0.436	56.5	−52.8	0.4	52.8	179.5
211	G34B_062_037de	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.504	54.8	−16.3	−5.8	17.3	199.6	0.281	0.615	0.509	53.8	−18.3	−7.2	19.6	201.4	2.6	191	0.0	1.0	0.679	57.5	−43.4	−15.5	46.1	199.6
212	G50B_062_037de	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.58	54.2	−14.1	−10.6	17.6	216.9	0.274	0.591	0.571	54.9	−16.5	−14.4	21.9	221.0	4.5	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
213	G61B_075_050de	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.748	0.75	56.8	−16.6	−19.6	25.7	229.7	0.235	0.662	0.713	55.9	−12.7	−22.3	25.7	240.2	4.7	210	0.0	0.997	1.0	53.2	−33.2	−39.3	51.5	229.7
214	G69B_087_062de	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.737	0.875	60.0	−17.7	−28.4	33.5	237.9	0.227	0.742	0.866	56.8	−10.8	−29.7	31.6	249.9	7.7	222	0.0	0.78	1.0	52.6	−28.4	−45.4	53.6	237.9
215	G75B_100_075de	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.753	1.0	62.4	−17.2	−35.9	39.9	244.3	0.265	0.782	0.987	55.0	−10.8	−40.2	41.7	254.8	10.6	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
216	Y68G_075_075de	0.25	0.75	0.0	0.75	0.75	0.375	131	0.168	0.75	0.0	52.3	−40.7	34.0	53.1	140.0	0.133	0.635	0.0	60.0	−42.8	45.7	62.6	133.1	14.1	137	0.224	1.0	0.0	61.6	−54.3	45.4	70.8	140.0
217	Y81G_075_062de	0.25	0.75	0.125	0.75	0.625	0.437	139	0.17	0.75	0.125	53.7	−38.6	22.8	44.8	149.4	0.145	0.688	0.101	58.2	−34.1	27.5	43.8	141.0	7.9	146	0.072	1.0	0.0	56.9	−61.8	36.5	71.8	149.4
218	G00B_075_050de	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.337	57.7	−31.0	9.9	32.6	162.2	0.224	0.724	0.342	59.4	−32.6	18.6	37.5	150.2	8.9	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
219	G11B_075_050de	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.44	58.3	−27.4	2.4	27.6	175.0	0.241	0.724	0.442	59.8	−30.0	9.9	31.6	161.6	8.1	172	0.0	1.0	0.38	56.2	−54.9	4.8	55.2	175.0
220	G25B_075_050de	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.529	58.8	−23.9	−4.0	24.3	189.6	0.256	0.719	0.526	59.8	−27.0	−1.1	27.0	182.3	4.3	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	189.6
221	G38B_075_050de	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.618	59.0	−20.7	−9.3	22.7	204.2	0.268	0.706	0.598	60.2	−22.9	−10.8	25.3	205.4	2.9	195	0.0	1.0	0.736	57.5	−41.5	−18.6	45.5	204.2
222	G50B_075_050de	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.69	58.1	−18.8	−14.1	23.5	216.9	0.257	0.69	0.653	60.8	−19.4	−19.5	27.5	225.0	5.9	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
223	G59B_087_062de	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.875	0.859	60.8	−21.5	−23.1	31.6	227.0	0.219	0.772	0.798	61.0	−16.8	−28.0	32.6	238.9	6.7	208	0.0	1.0	0.974	53.8	−34.4	−37.0	50.5	227.0
224	G65B_100_075de	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.894	1.0	63.5	−23.0	−32.1	39.5	234.3	0.259	0.941	0.977	60.6	−16.9	−38.5	42.0	246.2	9.3	217	0.0	0.859	1.0	52.6	−30.7	−42.8	52.7	234.3
225	Y73G_087_087de	0.25	0.875	0.0	0.875	0.875	0.437	134	0.151	0.875	0.0	55.4	−49.8	36.7	61.8	143.5	0.137	0.723	0.0	63.1	−52.0	48.5	71.1	136.9	14.2	140	0.173	1.0	0.0	59.8	−56.9	41.9	70.7	143.5
226	Y85G_087_075de	0.25	0.875	0.125	0.875	0.75	0.5	141	0.142	0.875	0.125	56.8	−48.1	25.8	54.6	151.7	0.126	0.796	0.115	63.6	−47.8	34.8	59.2	143.9	11.2	148	0.023	1.0	0.0	55.6	−64.1	34.4	72.8	151.7
227	G00B_087_062de	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.359	61.5	−38.8	12.4	40.8	162.2	0.215	0.814	0.36	64.2	−44.5	25.0	51.0	150.5	14.0	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
228	G09B_087_062de	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.462	62.1	−35.3	4.8	35.7	172.2	0.225	0.811	0.45	65.9	−41.8	16.3	44.8	158.6	13.7	169	0.0	1.0	0.34	56.0	−56.6	7.6	57.1	172.2
229	G19B_087_062de	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.551	62.6	−31.8	−1.7	31.8	183.2	0.235	0.808	0.531	66.8	−37.5	4.2	37.7	173.6	9.2	178	0.0	1.0	0.482	56.8	−50.9	−2.8	51.0	183.2
230	G30B_087_062de	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.646	63.0	−28.0	−8.0	29.1	195.9	0.243	0.806	0.615	66.9	−32.4	−5.4	32.9	189.4	6.4	188	0.0	1.0	0.633	57.4	−44.8	−12.8	46.6	195.9
231	G40B_087_062de	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.73	63.0	−25.4	−12.9	28.5	206.9	0.246	0.803	0.682	65.5	−27.4	−15.1	31.3	208.8	3.9	197	0.0	1.0	0.768	57.3	−40.6	−20.6	45.6	206.9
232	G50B_087_062de	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.8	62.1	−23.5	−17.7	29.4	216.9	0.235	0.794	0.739	64.9	−23.4	−25.2	34.4	227.0	7.9	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
233	G57B_100_075de	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	1.0	0.968	64.7	−26.4	−26.5	37.4	225.1	0.281	1.0	0.94	64.5	−19.0	−35.1	39.9	241.5	11.2	207	0.0	1.0	0.957	54.2	−35.2	−35.4	49.9	225.1
234	Y76G_100_100de	0.25	1.0	0.0	1.0	1.0	0.5	136	0.139	1.0	0.0	58.7	−58.5	39.6	70.6	145.9	0.138	0.98	0.001	62.4	−52.9	47.0	70.8	138.3	10.0	142	0.139	1.0	0.0	58.7	−58.5	39.6	70.6	145.9
235	Y86G_100_087de	0.25	1.0	0.125	1.0	0.875	0.562	142	0.125	1.0	0.126	60.2	−57.0	29.2	64.1	152.9	0.125	0.875	0.125	64.3	−49.0	36.4	61.1	143.3	11.5	150	0.0	1.0	0.001	55.1	−65.2	33.3	73.2	152.9
236	G00B_100_075de	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.381	65.3	−46.6	14.9	48.9	162.2	0.213	0.874	0.376	62.3	−50.2	28.1	57.5	150.7	13.9	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
237	G07B_100_075de	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.484	65.9	−43.2	7.2	43.8	170.4	0.215	0.874	0.459	62.5	−47.5	17.4	50.6	159.8	11.5	167	0.0	1.0	0.312	55.8	−57.6	9.7	58.4	170.4
238	G15B_100_075de	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.577	66.5	−39.6	0.3	39.6	179.5	0.221	0.874	0.501	63.6	−42.3	5.7	42.7	172.2	6.7	175	0.0	1.0	0.436	56.5	−52.8	0.4	52.8	179.5
239	G25B_100_075de	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.668	66.9	−35.9	−6.0	36.4	189.6	0.221	0.874	0.623	64.0	−36.3	−7.6	37.1	191.8	3.2	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	189.6
240	G34B_100_075de	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.759	67.2	−32.6	−11.6	34.6	199.6	0.298	1.0	0.733	64.7	−32.1	−14.4	35.2	204.1	3.7	191	0.0	1.0	0.679	57.5	−43.4	−15.5	46.1	199.6
241	G42B_100_075de	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.842	66.9	−30.1	−16.5	34.4	208.7	0.287	1.0	0.817	65.0	−28.2	−22.3	36.0	218.3	6.3	198	0.0	1.0	0.789	57.0	−40.2	−22.0	45.8	208.7
242	G50B_100_075de	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	0.91	66.0	−28.2	−21.2	35.3	216.9	0.269	1.0	0.874	60.9	−25.9	−33.7	42.6	232.4	13.6	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9

Mean color difference of this page: **delta** **9.5**

1−1132131−F0

RE650−7N, Page 22/33−F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to $cmy0^*_{de}$

1−1132131−F0

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.DAT in file (F), page 23/33

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				
243	R00Y_037_037de	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.102	32.7	22.1	10.5	24.5	25.4	0.336	0.0	0.0	35.5	24.1	11.2	26.6	24.9	3.5	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
244	R18Y_037_037de	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.245	32.6	24.4	1.8	24.4	4.3	0.322	0.0	0.125	35.2	27.4	4.0	27.7	8.4	4.5	349	1.0	0.0	0.655	46.1	65.0	4.9	65.2	4.3
245	B65R_037_037de	0.375	0.0	0.25	0.375	0.375	0.187	349	0.323	0.0	0.375	31.8	24.0	−5.7	24.7	346.6	0.267	0.0	0.25	34.8	30.4	−2.0	30.4	356.1	7.9	322	0.862	0.0	1.0	43.9	64.1	−15.2	65.8	346.6
246	B50R_037_037de	0.375	0.0	0.375	0.375	0.375	0.187	330	0.164	0.0	0.375	28.3	17.9	−10.9	20.9	328.6	0.146	0.0	0.25	35.2	33.7	−7.9	34.6	346.7	17.5	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
247	B38R_050_050de	0.375	0.0	0.5	0.5	0.5	0.25	316	0.104	0.0	0.5	27.8	18.1	−17.9	25.4	315.3	0.125	0.0	0.375	36.2	35.1	−12.8	37.3	339.9	19.6	281	0.208	0.0	1.0	31.0	36.2	−35.8	50.9	315.3
248	B30R_062_062de	0.375	0.0	0.625	0.625	0.625	0.312	307	0.063	0.0	0.625	28.9	18.5	−24.7	30.9	306.8	0.125	0.0	0.5	36.2	38.8	−18.6	43.1	334.3	22.4	275	0.101	0.0	1.0	31.5	29.6	−39.6	49.5	306.8
249	B25R_075_075de	0.375	0.0	0.75	0.75	0.75	0.375	300	0.011	0.0	0.75	30.1	18.2	−31.3	36.2	300.1	0.125	0.0	0.625	35.6	45.3	−24.9	51.7	331.1	28.3	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1
250	B20R_087_087de	0.375	0.0	0.875	0.875	0.875	0.437	295	0.0	0.034	0.875	31.8	17.9	−37.6	41.6	295.4	0.0	0.0	0.749	34.2	46.3	−28.9	54.6	328.0	29.8	268	0.0	0.039	1.0	32.8	20.4	−43.0	47.6	295.4
251	B18R_100_100de	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.071	1.0	33.4	18.1	−43.6	47.2	292.5	0.0	0.043	0.874	33.4	45.4	−31.0	55.0	325.6	30.0	266	0.0	0.071	1.0	33.4	18.1	−43.6	47.2	292.5
252	R31Y_037_037de	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.05	0.0	35.5	19.6	20.7	28.6	46.6	0.376	0.125	0.0	40.7	13.3	17.6	22.0	52.9	8.8	37	1.0	0.135	0.0	53.6	52.3	55.4	76.2	46.6
253	R00Y_037_025de	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.193	38.9	14.7	7.0	16.3	25.4	0.35	0.123	0.144	40.8	15.2	9.5	18.0	31.9	3.1	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
254	R00Y_037_025de	0.375	0.125	0.25	0.375	0.25	0.25	360	0.373	0.124	0.375	39.2	17.4	−2.4	17.5	352.0	0.353	0.138	0.32	40.2	18.2	1.5	18.3	4.7	4.1	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0
255	B50R_037_025de	0.375	0.125	0.375	0.375	0.25	0.25	330	0.234	0.124	0.375	36.0	11.9	−7.2	13.9	328.6	0.257	0.149	0.36	39.4	20.8	−4.9	21.4	346.6	9.8	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
256	B34R_050_037de	0.375	0.125	0.5	0.5	0.375	0.312	311	0.181	0.124	0.5	36.0	12.2	−14.2	18.8	310.5	0.216	0.122	0.431	41.2	24.0	−11.9	26.8	333.6	13.1	277	0.149	0.0	1.0	31.2	32.6	−38.0	50.1	310.5
257	B25R_062_050de	0.375	0.125	0.625	0.625	0.5	0.375	300	0.132	0.125	0.625	37.2	12.1	−20.9	24.1	300.1	0.177	0.105	0.518	41.9	26.3	−17.2	31.4	326.8	15.3	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1
258	B19R_075_062de	0.375	0.125	0.75	0.75	0.625	0.437	293	0.125	0.162	0.75	38.9	11.8	−27.1	29.6	293.5	0.12	0.091	0.603	42.9	29.2	−23.1	37.3	321.6	18.3	266	0.0	0.06	1.0	33.2	18.9	−43.4	47.3	293.5
259	B15R_087_075de	0.375	0.125	0.875	0.875	0.75	0.5	289	0.125	0.202	0.875	40.6	11.8	−33.0	35.1	289.7	0.098	0.114	0.723	39.1	38.4	−31.8	49.8	320.3	26.6	264	0.0	0.102	1.0	34.0	15.8	−44.0	46.8	289.7
260	B13R_100_087de	0.375	0.125	1.0	1.0	0.875	0.562	286	0.125	0.241	1.0	42.3	11.8	−39.0	40.7	286.9	0.152	0.232	0.864	37.6	37.1	−32.8	49.6	318.5	26.4	262	0.0	0.132	1.0	34.5	13.5	−44.6	46.6	286.9
261	R68Y_037_037de	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.153	0.0	40.9	9.0	26.4	27.9	71.1	0.385	0.25	0.0	44.5	3.6	24.4	24.7	81.4	6.6	54	1.0	0.409	0.0	68.3	24.0	70.4	74.4	71.1
262	R50Y_037_025de	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.188	0.124	42.6	9.4	15.7	18.3	58.8	0.375	0.195	0.076	43.9	6.8	13.9	15.5	63.9	3.4	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
263	R00Y_037_012de	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.284	45.2	7.3	3.5	8.1	25.4	0.393	0.296	0.331	42.9	8.9	5.6	10.6	32.3	3.5	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
264	B50R_037_012de	0.375	0.25	0.375	0.375	0.125	0.312	330	0.304	0.249	0.375	43.7	5.9	−3.6	6.9	328.6	0.338	0.301	0.422	44.5	10.4	−0.7	10.5	355.6	5.3	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
265	B25R_050_025de	0.375	0.25	0.5	0.5	0.25	0.375	300	0.253	0.249	0.5	44.3	6.0	−10.4	12.0	300.1	0.313	0.297	0.512	44.4	12.8	−8.5	15.4	326.3	7.0	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	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	46.0	5.9	−16.5	17.5	289.7	0.28	0.292	0.598	46.6	16.2	−15.0	22.2	317.1	10.4	264	0.0	0.102	1.0	34.0	15.8	−44.0	46.8	289.7
267	B11R_075_050de	0.375	0.25	0.75	0.75	0.5	0.5	284	0.25	0.325	0.75	47.6	6.0	−22.6	23.4	285.0	0.254	0.295	0.698	48.3	18.4	−21.3	28.2	310.9	12.5	261	0.0	0.15	1.0	34.8	12.1	−45.2	46.8	285.0
268	B09R_087_062de	0.375	0.25	0.875	0.875	0.625	0.562	281	0.25	0.36	0.875	49.1	6.2	−28.7	29.4	282.1	0.257	0.337	0.801	45.7	27.0	−32.0	41.9	310.1	21.3	260	0.0	0.177	1.0	35.1	9.9	−46.0	47.1	282.1
269	B07R_100_075de	0.375	0.25	1.0	1.0	0.75	0.625	279	0.25	0.396	1.0	50.6	6.3	−34.9	35.5	280.2	0.316	0.447	0.952	42.1	27.4	−34.2	43.9	308.7	22.7	259	0.0	0.195	1.0	35.3	8.4	−46.5	47.3	280.2
270	Y00G_037_037de	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.298	0.0	46.8	−1.1	29.2	29.3	92.3	0.376	0.312	0.0	49.4	−4.2	30.0	30.3	97.9	4.0	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
271	Y00G_037_025de	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.323	0.124	48.4	−0.7	19.5	19.5	92.3	0.394	0.372	0.133	47.8	−1.9	19.3	19.4	95.7	1.3	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
272	Y00G_037_012de	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.349	0.249	49.9	−0.3	9.7	9.7	92.3	0.409	0.422	0.303	46.8	−0.1	10.8	10.8	90.9	3.3	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
273	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	45.3	1.8	2.1	2.8	48.6	6.7	360	1.0	1.0	1.0	96.3	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	53.0	0.1	−6.0	6.0	271.7	0.401	0.483	0.56	47.8	4.6	−4.9	6.8	313.1	6.9	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
275	B00R_062_025de	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.445	0.625	54.6	0.3	−12.0	12.0	271.7	0.398	0.494	0.645	50.8	6.4	−13.1	14.6	296.0	7.2	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
276	B00R_075_037de	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.48	0.75	56.2	0.5	−18.0	18.0	271.7	0.39	0.496	0.745	52.7	8.8	−20.1	21.9	293.8	9.3	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
277	B00R_087_050de	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.515	0.875	57.8	0.7	−24.0	24.0	271.7	0.392	0.526	0.834	52.2	15.0	−31.4	34.8	295.5	17.0	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
278	B00R_100_062de	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.55	1.0	59.4	0.9	−30.0	30.0	271.7	0.434	0.584	0.961	47.8	17.0	−34.7	38.7	296.1	20.4	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
279	Y23G_050_050de	0.375	0.5	0.0	0.5	0.5	0.25	104	0.336	0.5	0.0	54.4	−13.7	40.7	42.9	108.6	0.376	0.527	0.0	53.9	−10.7	36.4	37.9	106.4	5.2	108	0.672	1.0	0.0	84.2	−27.4	81.4	85.9	108.6
280	Y31G_050_037de	0.375	0.5	0.125	0.5	0.375	0.312	109	0.343	0.5	0.124	53.8	−12.4	27.3	30.0	114.4	0.351	0.523	0.091	54.0	−9.0	24.0	25.7	110.6	4.6	114	0.582	1.0	0.0	78.7	−33.1	72.8	80.0	114.4
281	Y50G_050_025de	0.375	0.5	0.25	0.5	0.25	0.375	120	0.344	0.5	0.249	53.7	−11.0	14.5	18.3	127.2	0.354	0.536	0.254	52.8	−7.2	14.4	16.1	116.5	3.9	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
282	G00B_050_012de	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.396	55.3	−7.7	2.4	8.1	162.2	0.374	0.554	0.453	52.6	−4.5	6.1	7.6	126.7	5.5	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
283	G50B_050_012de	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.485	55.4	−4.7	−3.5	5.8	216.9	0.395	0.544	0.545	52.3	−2.6	−2.1	3.4	218.9	3.9	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
284	G75B_062_025de	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.542	0.625	58.1	−5.7	−11.9	13.3	244.3	0.394	0.58	0.669	54.1	−1.6	−11.7	11.8	262.1	5.7	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
285	G84B_075_037de	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.564	0.75	59.6	−5.0	−18.1	18.8	254.3	0.397	0.592	0.764	56.1	−0.7	−18.9	18.9	267.6	5.6	239	0.0	0.504	1.0	46.4	−13.5	−48.4	50.3	254.3
286	G88B_087_050de	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.593	0.875	61.1	−4.7	−24.2	24.7	258.9	0.404	0.614	0.866	56.9	2.7	−28.0	28.1	275.5	9.3	244	0.0	0.437	1.0	43.8	−9.4	−48.5	49.4	258.9
287	G90B_100_062de	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.623	1.0	62.5	−4.4	−30.2	30.5	261.6	0.436	0.654	0.972	53.2	6.9	−34.7	35.4	281.2	15.3	246	0.0	0.397	1.0	42.2	−7.0	−48.4	48.9	261.6
288	Y38G_062_062de	0.375	0.625	0.0	0.625	0.625	0.312	113	0.32	0.625	0.0	56.0	−23.3	41.8	47.9	119.1	0.303	0.623	0.0	58.8	−19.2	44.1	48.1	113.5	5.4	119	0.512	1.0	0.0	75.0	−37.3	67.0	76.7	119.1
289	Y50G_062_050de	0.375	0.625	0.125	0.625	0.5	0.375	120	0.313	0.625	0.125	56.0	−22.1	29.1	36.6	127.2	0.299	0.612	0.095	59.8	−17.6	30.6	35.3	119.9	6.1	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
290	Y68G_062_037de	0.375	0.625	0.25	0.625	0.375	0.437	131	0.334	0.625	0.25	56.4	−20.3	17.0	26.5	140.0	0.314	0.623	0.245	58.9	−16.6	19.0	25.2	131.0	4.9	137	0.224	1.0	0.0	61.6	−54.3	45.4	70.8	140.0
291	G00B_062_025de	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.418	59.1	−15.5	4.9	16.3	162.2	0.358	0.638	0.44	59.1	−14.6	10.2	17.8	145.0	5.3	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
292	G25B_062_025de	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.514	59.6	−11.9	−2.0	12.1	189.6	0.382	0.631	0.548	59.3	−12.4	1.1	12.4	174.5	3.2	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	189.6
293	G50B_062_025de	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.595	59.3	−9.4	−7.0	11.7	216.9	0.399	0.624	0.618	58.9	−10.7	−8.7	13.8	219.2	2.1	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
294	G65B_075_037de	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.697	0.75	62.0	−11.5	−16.0	19.7	234.3	0.376	0.671	0.743	60.0	−8.3	−17.7	19.6	244.8	4.1	217	0.0	0.859	1.0	52.6	−30.7	−42.8	52.7	234.3
295	G75B_087_050de	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.71	0.875	64.7	−11.5	−23.9	26.6	244.3	0.399	0.716	0.874	60.5	−6.8	−25.6	26.5	255.1	6.5	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
296	G80B_100_062de	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.728	1.0	66.3	−10.6	−30.4	32.2	250.7	0.421	0.735	0.983	57.8	−4.9	−36.2	36.5	262.2	11.8	235	0.0	0.566	1.0	48.3	−16.9	−48.6	51.5	250.7
297	Y50G_075_075de	0.375	0.75	0.0	0.75	0.75	0.375	120	0.282	0.75	0.0	58.2	−33.2	43.7	54.9	127.2	0.276	0.682	0.0	63.8	−30.8	54.4	62.5	119.5	12.3	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
298	Y61G_075_062de	0.375	0.75	0.125	0.75	0.625	0.437	127	0.302	0.75	0.125	58.3	−31.8	31.3	44.6	135.4	0.27	0.711	0.097	65.6	−27.0	35.6	44.7	127.1	9.7	134	0.283	1.0	0.0	64.3	−50.9	50.1	71.4	135.4
299	Y76G_075_050de	0.375	0.75	0.25	0.75	0.5	0.5	136	0.319	0.75	0.25	59.5	−29.2	19.8	35.3	145.9	0.281	0.722	0.24	65.2	−26.1	24.2	35.6	137.1	7.8	142	0.139	1.0	0.0	58.7	−58.5	39.6	70.6	145.9
300	G00B_075_037de	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.44	62.9	−23.3	7.4	24.4	162.2	0.342	0.734	0.44	64.5	−24.1	13.4	27.6	150.8	6.3	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
301	G15B_075_037de	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.538	63.4	−19.8	0.1	19.8	179.5	0.358	0.727	0.546	65.4	−21.6	5.4	22.3	165.7	5.9	175	0.0	1.0	0.436	56.5	−52.8	0.4	52.8	179.5
302	G34B_075_037de	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.629	63.8	−16.3	−5.8	17.3	199.6	0.383	0.719	0.631	65.0	−18.6	−4.5	19.2	193.7	2.9	191	0.0	1.0	0.679	57.5	−43.4	−15.5	46.1	199.6
303	G50B_075_037de	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.705	63.2	−14.1	−10.6	17.6	216.9	0.384	0.702	0.687	65.2	−16.3	−14.4	21.8	221.4	4.8	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
304	G61B_087_050de	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.873	0.875	65.8	−16.6	−19.6	25.7	229.7	0.368	0.769	0.817	65.2	−14.6	−24.5	28.5	239.2	5.2	210	0.0	0.997	1.0	53.2	−33.2	−39.3	51.5	229.7
305	G69B_100_062de	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.862	1.0	69.0	−17.7	−28.4	33.5	237.9	0.359	0.853	0.957	66.1	−13.3	−32.8	35.4	247.8	6.8	222	0.0	0.78	1.0	52.6	−28.4	−45.4	53.6	237.9
306	Y58G_087_087de	0.375	0.875	0.0	0.875	0.875	0.437	125	0.271	0.875	0.0	60.6	−43.0	45.9	62.9	133.0	0.258	0.766	0.004	68.9	−40.0	58.8	71.1	124.2	15.6	132	0.309	1.0	0.0	65.7	−49.1	52.5	71.9	133.0
307	Y68G_087_075de	0.375	0.875	0.125	0.875	0.75	0.5	131	0.293	0.875	0.125	61.3	−40.7	34.0	53.1	140.0	0.26	0.806	0.104	70.5	−35.7	41.2	54.5	130.9	12.6	137	0.224	1.0	0.0	61.6	−54.3	45.4	70.8	140.0
308	Y81G_087_062de	0.375	0.875	0.25	0.875	0.625	0.562	139	0.295	0.875	0.25	62.7	−38.6	22.8	44.8	149.4	0.263	0.82	0.249	70.1	−35.2	28.5	45.3	141.0	9.9	146	0.072	1.0	0.0	56.9	−61.8	36.5	71.8	149.4
309	G00B_087_050de	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.462	66.7	−31.0	9.9	32.6	162.2	0.326	0.825	0.446	70.4	−33.4	18.7	38.3	150.6	9.8	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
310	G11B_087_050de	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.565	67.3	−27.4	2.4	27.6	175.0	0.339	0.821	0.547	71.1	−30.9	9.0	32.1	163.7	8.3	172	0.0	1.0	0.38	56.2	−54.9	4.8	55.2	175.0
311	G25B_087_050de	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.654	67.7	−23.9	−4.0	24.3	189.6	0.356	0.82	0.638	71.2	−27.4	0.0	27.4	179.8	6.4	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	189.6
312	G38B_087_050de	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.743	67.9	−20.7	−9.3	22.7	204.2	0.376	0.811	0.708	70.5	−23.2	−11.0	25.7	205.4	3.9	195	0.0	1.0	0.736	57.5	−41.5	−18.6	45.5	204.2
313	G50B_087_050de	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.815	67.1	−18.8	−14.1	23.5	216.9	0.373	0.796	0.76	70.7	−20.9	−21.4	30.0	225.7	8.3	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
314	G59B_100_062de	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	1.0	0.984	69.7	−21.5	−23.1	31.6	227.0	0.353	0.92	0.907	70.5	−16.7	−30.4	34.7	241.1	8.7	208	0.0	1.0	0.974	53.8	−34.4	−37.0	50.5	227.0
315	Y63G_100_100de	0.375	1.0	0.0	1.0	1.0	0.5	128	0.269	1.0	0.0	63.5	−51.7	48.9	71.2	136.5	0.272	1.0	0.0	69.4	−44.4	58.1	73.1	127.3	13.1	134	0.269	1.0	0.0	63.5	−51.7	48.9	71.2	136.5
316	Y73G_100_087de	0.375	1.0	0.125	1.0	0.875	0.562	134	0.276	1.0	0.125	64.4	−49.8	36.7	61.8	143.5	0.248	1.0	0.125	69.7	−43.0	48.1	64.5	131.7	14.3	140	0.173	1.0	0.0	59.8	−56.9	41.9	70.7	143.5
317	Y85G_100_075de	0.375	1.0	0.25	1.0	0.75	0.625	141	0.267	1.0	0.25	65.8	−48.1	25.8	54.6	151.7	0.249	0.874	0.25	71.2	−38.6	31.9	50.0	140.4	12.4	148	0.023	1.0	0.0	55.6	−64.1	34.4	72.8	151.7
318	G00B_100_062de	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.484	70.5	−38.8	12.4	40.8	162.2	0.353	1.0	0.501	70.8	−37.6	23.2	44.2	148.3	10.8	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
319	G09B_100_062de	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.587	71.1	−35.3	4.8	35.7	172.2	0.321	0.874	0.501	71.5	−34.3	14.2	37.1	157.4	9.5	169	0.0	1.0	0.34	56.0	−56.6	7.6	57.1	172.2
320	G19B_100_062de	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.676	71.6	−31.8	−1.7	31.8	183.2	0.364	1.0	0.659	72.0	−30.2	1.7	30.3	176.6	3.9	178	0.0	1.0	0.482	56.8	−50.9	−2.8	51.0	183.2
321	G30B_100_062de	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.771	72.0	−28.0	−8.0	29.1	195.9	0.375	1.0	0.724	71.7	−26.4	−10.6	28.5	201.8	3.0	188	0.0	1.0	0.633	57.4	−44.8	−12.8	46.6	195.9
322	G40B_100_062de	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.855	71.9	−25.4	−12.9	28.5	206.9	0.38	1.0	0.801	71.6	−23.8	−16.8	29.2	215.2	4.2	197	0.0	1.0	0.768	57.3	−40.6	−20.6	45.6	206.9
323	G50B_100_062de	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	0.925	71.0	−23.5	−17.7	29.4	216.9	0.369	0.967	0.864	70.4	−20.0	−27.4	34.0	233.8	10.3	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9

Mean color difference of this page: **delta** **9.8**

1−1132231−F0

RE650−7N, Page 23/33−F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, Δ*E'**

input: *rgb/cmyk* −> *rgb*de
output: 3D-linearization to *cmy0**de

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.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	0.136	35.4	29.5	14.0	32.7	25.4	0.431	0.0	0.0	37.8	31.7	18.5	36.7	30.3	5.5	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
325	R26Y_050_050de	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.278	35.3	31.4	5.4	31.9	9.8	0.418	0.0	0.135	37.5	34.4	11.5	36.3	18.5	7.1	356	1.0	0.0	0.556	46.0	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	0.496	0.0	0.5	36.0	34.8	−4.8	35.1	352.0	0.422	0.005	0.356	36.7	37.2	3.1	37.3	4.8	8.3	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0
327	B61R_050_050de	0.5	0.0	0.375	0.5	0.5	0.25	344	0.364	0.0	0.5	32.9	29.5	−9.6	31.1	341.8	0.312	0.0	0.376	36.9	39.3	−2.3	39.4	356.5	12.8	314	0.728	0.0	1.0	41.3	59.1	−19.3	62.2	341.8
328	B50R_050_050de	0.5	0.0	0.5	0.5	0.5	0.25	330	0.219	0.0	0.5	29.6	23.8	−14.5	27.9	328.6	0.25	0.0	0.375	37.0	42.5	−8.7	43.3	348.4	20.8	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
329	B40R_062_062de	0.5	0.0	0.625	0.625	0.625	0.312	319	0.152	0.0	0.625	28.5	23.9	−21.4	32.1	318.1	0.25	0.0	0.501	37.7	45.6	−13.9	47.7	343.0	24.7	283	0.244	0.0	1.0	30.9	38.3	−34.2	51.4	318.1
330	B34R_075_075de	0.5	0.0	0.75	0.75	0.75	0.375	311	0.112	0.0	0.75	29.6	24.4	−28.5	37.6	310.5	0.125	0.0	0.623	37.7	49.7	−19.7	53.5	338.3	27.9	277	0.149	0.0	1.0	31.2	32.6	−38.0	50.1	310.5
331	B29R_087_087de	0.5	0.0	0.875	0.875	0.875	0.437	305	0.066	0.0	0.875	30.7	24.6	−35.2	43.0	304.9	0.125	0.0	0.75	36.6	51.3	−24.6	56.9	334.3	29.3	273	0.076	0.0	1.0	31.6	28.1	−40.3	49.1	304.9
332	B25R_100_100de	0.5	0.0	1.0	1.0	1.0	0.5	300	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1	0.0	0.0	1.0	35.8	49.8	−27.2	56.7	331.3	29.6	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1
333	R23Y_050_050de	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.037	0.0	37.6	28.1	24.4	37.2	41.0	0.5	0.0	0.0	43.8	19.4	23.6	30.6	50.6	10.7	33	1.0	0.075	0.0	50.6	56.2	48.9	74.5	41.0
334	R00Y_050_037de	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.227	41.6	22.1	10.5	24.5	25.4	0.459	0.107	0.161	43.8	21.7	15.4	26.6	35.4	5.3	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
335	R18Y_050_037de	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.37	41.6	24.4	1.8	24.4	4.3	0.464	0.119	0.319	42.8	24.3	7.7	25.5	17.6	6.0	349	1.0	0.0	0.655	46.1	65.0	4.9	65.2	4.3
336	B65R_050_037de	0.5	0.125	0.375	0.5	0.375	0.312	349	0.448	0.124	0.5	40.8	24.0	−5.7	24.7	346.6	0.414	0.122	0.419	42.8	26.5	0.3	26.5	0.8	6.9	322	0.862	0.0	1.0	43.9	64.1	−15.2	65.8	346.6
337	B50R_050_037de	0.5	0.125	0.5	0.5	0.375	0.312	330	0.289	0.124	0.5	37.3	17.9	−10.9	20.9	328.6	0.292	0.116	0.424	43.2	29.7	−6.0	30.3	348.5	14.1	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
338	B38R_062_050de	0.5	0.125	0.625	0.625	0.5	0.375	316	0.229	0.125	0.625	36.7	18.1	−17.9	25.4	315.3	0.244	0.098	0.504	43.9	33.9	−12.6	36.2	339.5	18.1	281	0.208	0.0	1.0	31.0	36.2	−35.8	50.9	315.3
339	B30R_075_062de	0.5	0.125	0.75	0.75	0.625	0.437	307	0.188	0.125	0.75	37.8	18.5	−24.7	30.9	306.8	0.185	0.07	0.596	45.0	36.3	−17.6	40.4	334.0	20.4	275	0.101	0.0	1.0	31.5	29.6	−39.6	49.5	306.8
340	B25R_087_075de	0.5	0.125	0.875	0.875	0.75	0.5	300	0.136	0.125	0.875	39.1	18.2	−31.3	36.2	300.1	0.144	0.085	0.71	42.8	43.7	−25.8	50.8	329.4	26.3	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1
341	B20R_100_087de	0.5	0.125	1.0	1.0	0.875	0.562	295	0.125	0.159	1.0	40.8	17.9	−37.6	41.6	295.4	0.174	0.189	0.864	39.5	42.5	−29.3	51.6	325.3	26.0	268	0.0	0.039	1.0	32.8	20.4	−43.0	47.6	295.4
342	R50Y_050_050de	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.126	0.0	42.7	18.9	31.4	36.7	58.8	0.5	0.125	0.0	48.7	9.7	30.2	31.7	72.1	11.0	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
343	R31Y_050_037de	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.175	0.124	44.4	19.6	20.7	28.6	46.6	0.506	0.139	0.057	48.9	11.1	21.4	24.1	62.6	9.6	37	1.0	0.135	0.0	53.6	52.3	55.4	76.2	46.6
344	R00Y_050_025de	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.318	47.9	14.7	7.0	16.3	25.4	0.514	0.257	0.332	47.5	13.0	10.8	16.9	39.5	4.1	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
345	R00Y_050_025de	0.5	0.25	0.375	0.5	0.25	0.375	360	0.498	0.249	0.5	48.2	17.4	−2.4	17.5	352.0	0.506	0.265	0.489	47.1	15.3	3.8	15.8	13.9	6.6	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0
346	B50R_050_025de	0.5	0.25	0.5	0.5	0.25	0.375	330	0.359	0.249	0.5	45.0	11.9	−7.2	13.9	328.6	0.382	0.266	0.492	47.5	18.4	−3.7	18.8	348.5	7.8	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
347	B34R_062_037de	0.5	0.25	0.625	0.625	0.375	0.437	311	0.306	0.25	0.625	45.0	12.2	−14.2	18.8	310.5	0.332	0.249	0.577	48.9	23.1	−10.3	25.3	335.8	12.1	277	0.149	0.0	1.0	31.2	32.6	−38.0	50.1	310.5
348	B25R_075_050de	0.5	0.25	0.75	0.75	0.5	0.5	300	0.257	0.25	0.75	46.2	12.1	−20.9	24.1	300.1	0.292	0.247	0.676	50.0	26.0	−16.3	30.7	327.9	15.1	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1
349	B19R_087_062de	0.5	0.25	0.875	0.875	0.625	0.562	293	0.25	0.287	0.875	47.9	11.8	−27.1	29.6	293.5	0.285	0.289	0.784	49.2	33.7	−26.7	43.0	321.6	22.0	266	0.0	0.06	1.0	33.2	18.9	−43.4	47.3	293.5
350	B15R_100_075de	0.5	0.25	1.0	1.0	0.75	0.625	289	0.25	0.327	1.0	49.6	11.8	−33.0	35.1	289.7	0.302	0.345	0.868	44.4	33.3	−30.2	45.0	317.8	22.3	264	0.0	0.102	1.0	34.0	15.8	−44.0	46.8	289.7
351	R76Y_050_050de	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.246	0.0	48.2	8.6	36.7	37.7	76.7	0.5	0.25	0.0	53.0	1.8	37.1	37.1	87.0	8.3	59	1.0	0.492	0.0	71.8	17.3	73.4	75.4	76.7
352	R68Y_050_037de	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.278	0.124	49.9	9.0	26.4	27.9	71.1	0.505	0.278	0.074	53.4	3.0	25.7	25.9	83.1	6.9	54	1.0	0.409	0.0	68.3	24.0	70.4	74.4	71.1
353	R50Y_050_025de	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.313	0.249	51.6	9.4	15.7	18.3	58.8	0.529	0.328	0.241	52.3	5.6	14.9	15.9	69.4	3.9	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
354	R00Y_050_012de	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.409	54.2	7.3	3.5	8.1	25.4	0.527	0.425	0.475	51.5	7.1	6.4	9.6	41.8	3.9	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
355	B50R_050_012de	0.5	0.375	0.5	0.5	0.125	0.437	330	0.429	0.375	0.5	52.7	5.9	−3.6	6.9	328.6	0.458	0.43	0.547	52.5	10.4	−0.5	10.4	357.1	5.4	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
356	B25R_062_025de	0.5	0.375	0.625	0.625	0.25	0.5	300	0.378	0.375	0.625	53.3	6.0	−10.4	12.0	300.1	0.427	0.43	0.627	53.8	13.8	−7.5	15.7	331.5	8.3	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	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	55.0	5.9	−16.5	17.5	289.7	0.413	0.44	0.728	55.3	15.6	−14.2	21.1	317.5	9.9	264	0.0	0.102	1.0	34.0	15.8	−44.0	46.8	289.7
358	B11R_087_050de	0.5	0.375	0.875	0.875	0.5	0.625	284	0.375	0.45	0.875	56.6	6.0	−22.6	23.4	285.0	0.413	0.47	0.815	55.4	21.8	−25.1	33.3	310.9	16.0	261	0.0	0.15	1.0	34.8	12.1	−45.2	46.8	285.0
359	B09R_100_062de	0.5	0.375	1.0	1.0	0.625	0.687	281	0.375	0.485	1.0	58.1	6.2	−28.7	29.4	282.1	0.445	0.526	0.945	52.1	21.2	−29.8	36.5	305.4	16.1	260	0.0	0.177	1.0	35.1	9.9	−46.0	47.1	282.1
360	Y00G_050_050de	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.397	0.0	54.3	−1.5	39.0	39.0	92.3	0.489	0.422	0.0	57.6	−5.8	42.8	43.2	97.7	6.6	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
361	Y00G_050_037de	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.423	0.124	55.8	−1.1	29.2	29.3	92.3	0.501	0.447	0.12	57.8	−4.3	31.2	31.5	97.8	4.1	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
362	Y00G_050_025de	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.448	0.249	57.4	−0.7	19.5	19.5	92.3	0.528	0.503	0.283	56.4	−2.0	20.5	20.6	95.7	1.9	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
363	Y00G_050_012de	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.474	0.375	58.9	−0.3	9.7	9.7	92.3	0.544	0.549	0.455	55.1	−0.7	10.6	10.7	93.8	3.8	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
364	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	60.4	0.0	0.0	0.0	0.0	0.533	0.596	0.601	54.3	1.4	3.0	3.3	64.4	6.9	360	1.0	1.0	1.0	96.3	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	62.0	0.1	−6.0	6.0	271.7	0.531	0.609	0.683	56.2	5.7	−5.7	8.1	314.9	8.0	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
366	B00R_075_025de	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.57	0.75	63.6	0.3	−12.0	12.0	271.7	0.528	0.615	0.76	59.6	7.2	−12.3	14.3	300.4	8.0	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
367	B00R_087_037de	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.605	0.875	65.2	0.5	−18.0	18.0	271.7	0.526	0.629	0.849	60.8	10.0	−22.9	25.0	293.6	11.5	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
368	B00R_100_050de	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.64	1.0	66.8	0.7	−24.0	24.0	271.7	0.544	0.656	0.959	57.6	11.5	−29.1	31.4	291.6	15.1	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
369	Y18G_062_062de	0.5	0.625	0.0	0.625	0.625	0.312	101	0.455	0.625	0.0	64.2	−14.7	54.5	56.4	105.1	0.501	0.653	0.0	62.9	−12.8	50.8	52.4	104.1	4.3	105	0.728	1.0	0.0	88.0	−23.5	87.2	90.3	105.1
370	Y23G_062_050de	0.5	0.625	0.125	0.625	0.5	0.375	104	0.461	0.625	0.125	63.3	−13.7	40.7	42.9	108.6	0.485	0.64	0.101	62.9	−11.7	38.4	40.2	106.9	3.0	108	0.672	1.0	0.0	84.2	−27.4	81.4	85.9	108.6
371	Y31G_062_037de	0.5	0.625	0.25	0.625	0.375	0.437	109	0.468	0.625	0.25	62.8	−12.4	27.3	30.0	114.4	0.49	0.646	0.252	61.7	−10.3	27.1	29.0	110.8	2.3	114	0.582	1.0	0.0	78.7	−33.1	72.8	80.0	114.4
372	Y50G_062_025de	0.5	0.625	0.375	0.625	0.25	0.5	120	0.469	0.625	0.375	62.7	−11.0	14.5	18.3	127.2	0.482	0.652	0.408	61.5	−8.7	17.1	19.2	116.9	3.6	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
373	G00B_062_012de	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.521	64.2	−7.7	2.4	8.1	162.2	0.507	0.678	0.589	60.3	−5.6	7.6	9.5	126.5	6.7	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
374	G50B_062_012de	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.61	64.3	−4.7	−3.5	5.8	216.9	0.522	0.664	0.666	60.4	−2.6	−1.8	3.2	215.5	4.7	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
375	G75B_075_025de	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.667	0.75	67.1	−5.7	−11.9	13.3	244.3	0.517	0.694	0.776	63.1	−2.2	−12.6	12.8	259.8	5.3	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
376	G84B_087_037de	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.689	0.875	68.6	−5.0	−18.1	18.8	254.3	0.529	0.714	0.867	64.5	−0.1	−20.7	20.7	269.4	6.9	239	0.0	0.504	1.0	46.4	−13.5	−48.4	50.3	254.3
377	G88B_100_050de	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.718	1.0	70.0	−4.7	−24.2	24.7	258.9	0.549	0.729	0.972	63.3	1.5	−29.1	29.1	273.0	10.4	244	0.0	0.437	1.0	43.8	−9.4	−48.5	49.4	258.9
378	Y31G_075_075de	0.5	0.75	0.0	0.75	0.75	0.375	109	0.436	0.75	0.0	65.2	−24.8	54.6	60.0	114.4	0.428	0.732	0.013	68.4	−20.3	63.1	66.3	107.8	10.1	114	0.582	1.0	0.0	78.7	−33.1	72.8	80.0	114.4
379	Y38G_075_062de	0.5	0.75	0.125	0.75	0.625	0.437	113	0.445	0.75	0.125	65.0	−23.3	41.8	47.9	119.1	0.413	0.72	0.089	69.6	−18.3	43.6	47.3	112.8	6.9	119	0.512	1.0	0.0	75.0	−37.3	67.0	76.7	119.1
380	Y50G_075_050de	0.5	0.75	0.25	0.75	0.5	0.5	120	0.438	0.75	0.25	64.9	−22.1	29.1	36.6	127.2	0.41	0.719	0.209	69.1	−18.6	33.2	38.1	119.3	6.8	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
381	Y68G_075_037de	0.5	0.75	0.375	0.75	0.375	0.562	131	0.459	0.75	0.375	65.3	−20.3	17.0	26.5	140.0	0.424	0.727	0.362	69.3	−17.8	21.0	27.6	130.1	6.2	137	0.224	1.0	0.0	61.6	−54.3	45.4	70.8	140.0
382	G00B_075_025de	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.543	68.0	−15.5	4.9	16.3	162.2	0.475	0.749	0.563	68.7	−15.2	10.9	18.7	144.2	6.0	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
383	G25B_075_025de	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.639	68.6	−11.9	−2.0	12.1	189.6	0.502	0.742	0.662	68.8	−13.3	1.4	13.3	173.7	3.7	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	189.6
384	G50B_075_025de	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.72	68.3	−9.4	−7.0	11.7	216.9	0.51	0.728	0.722	69.2	−10.8	−9.3	14.3	220.9	2.8	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
385	G65B_087_037de	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.822	0.875	70.9	−11.5	−16.0	19.7	234.3	0.502	0.783	0.84	69.1	−8.7	−19.8	21.7	246.2	5.0	217	0.0	0.859	1.0	52.6	−30.7	−42.8	52.7	234.3
386	G75B_100_050de	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.835	1.0	73.7	−11.5	−23.9	26.6	244.3	0.526	0.832	0.977	68.9	−7.9	−28.6	29.6	254.5	7.5	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
387	Y41G_087_087de	0.5	0.875	0.0	0.875	0.875	0.437	115	0.415	0.875	0.0	67.2	−34.4	56.3	66.0	121.4	0.39	0.818	0.01	72.9	−29.5	67.6	73.8	113.5	13.5	121	0.474	1.0	0.0	73.3	−39.3	64.4	75.5	121.4
388	Y50G_087_075de	0.5	0.875	0.125	0.875	0.75	0.5	120	0.407	0.875	0.125	67.2	−33.2	43.7	54.9	127.2	0.369	0.812	0.086	75.3	−27.2	50.4	57.2	118.3	12.1	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
389	Y61G_087_062de	0.5	0.875	0.25	0.875	0.625	0.562	127	0.427	0.875	0.25	67.3	−31.8	31.3	44.6	135.4	0.365	0.812	0.194	74.6	−26.4	35.5	44.3	126.6	10.0	134	0.283	1.0	0.0	64.3	−50.9	50.1	71.4	135.4
390	Y76G_087_050de	0.5	0.875	0.375	0.875	0.5	0.625	136	0.444	0.875	0.375	68.5	−29.2	19.8	35.3	145.9	0.39	0.823	0.346	74.6	−25.7	24.9	35.8	135.9	8.6	142	0.139	1.0	0.0	58.7	−58.5	39.6	70.6	145.9
391	G00B_087_037de	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.565	71.8	−23.3	7.4	24.4	162.2	0.449	0.836	0.552	75.5	−24.2	14.8	28.4	148.4	8.3	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
392	G15B_087_037de	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.663	72.4	−19.8	0.1	19.8	179.5	0.471	0.831	0.655	76.0	−22.5	5.9	23.3	165.1	7.4	175	0.0	1.0	0.436	56.5	−52.8	0.4	52.8	179.5
393	G34B_087_037de	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.754	72.8	−16.3	−5.8	17.3	199.6	0.497	0.82	0.731	75.8	−19.5	−5.5	20.2	195.7	4.3	191	0.0	1.0	0.679	57.5	−43.4	−15.5	46.1	199.6
394	G50B_087_037de	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.83	72.2	−14.1	−10.6	17.6	216.9	0.501	0.806	0.784	75.6	−16.8	−16.4	23.5	224.3	7.3	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
395	G61B_100_050de	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	0.998	1.0	74.8	−16.6	−19.6	25.7	229.7	0.488	0.885	0.912	74.2	−13.9	−26.1	29.5	241.9	7.0	210	0.0	0.997	1.0	53.2	−33.2	−39.3	51.5	229.7
396	Y50G_100_100de	0.5	1.0	0.0	1.0	1.0	0.5	120	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2	0.378	0.999	0.001	74.3	−37.9	65.9	76.1	119.9	11.1	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
397	Y58G_100_087de	0.5	1.0	0.125	1.0	0.875	0.562	125	0.396	1.0	0.125	69.6	−43.0	45.9	62.9	133.0	0.369	1.0	0.139	75.4	−36.4	57.8	68.4	122.1	14.8	132	0.309	1.0	0.0	65.7	−49.1	52.5	71.9	133.0
398	Y68G_100_075de	0.5	1.0	0.25	1.0	0.75	0.625	131	0.418	1.0	0.25	70.2	−40.7	34.0	53.1	140.0	0.364	1.0	0.233	74.9	−35.4	42.4	55.3	129.8	10.9	137	0.224	1.0	0.0	61.6	−54.3	45.4	70.8	140.0
399	Y81G_100_062de	0.5	1.0	0.375	1.0	0.625	0.687	139	0.42	1.0	0.375	71.6	−38.6	22.8	44.8	149.4	0.375	1.0	0.375	76.4	−31.3	27.8	41.9	138.4	10.0	146	0.072	1.0	0.0	56.9	−61.8	36.5	71.8	149.4
400	G00B_100_050de	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.587	75.7	−31.0	9.9	32.6	162.2	0.436	1.0	0.595	77.7	−27.7	17.8	32.9	147.2	8.8	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
401	G11B_100_050de	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.69	76.3	−27.4	2.4	27.6	175.0	0.455	1.0	0.671	77.9	−25.8	9.4	27.5	159.9	7.3	172	0.0	1.0	0.38	56.2	−54.9	4.8	55.2	175.0
402	G25B_100_050de	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.779	76.7	−23.9	−4.0	24.3	189.6	0.477	1.0	0.735	77.5	−22.2	−4.5	22.6	191.5	1.9	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	189.6
403	G38B_100_050de	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.868	76.9	−20.7	−9.3	22.7	204.2	0.503	0.988	0.816	76.5	−20.1	−13.2	24.1	213.3	3.9	195	0.0	1.0	0.736	57.5	−41.5	−18.6	45.5	204.2
404	G50B_100_050de	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.94	76.1	−18.8	−14.1	23.5	216.9	0.5	0.943	0.867	75.6	−16.4	−23.6	28.8	235.0	9.7	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9

Mean color difference of this page: delta 10.0

1−1132331−F0 RE650−7N, Page 24/33−F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, Δ*E'**

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to $cmy0*_{de}$

1−1132331−F0

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	0.171	38.1	36.9	17.5	40.8	25.4
406	R31Y_062_062de	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.31	38.0	38.4	9.0	39.4	13.2
407	R11Y_062_062de	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.46	38.1	41.6	−0.1	41.6	359.8
408	B69R_062_062de	0.625	0.0	0.375	0.625	0.625	0.312	353	0.596	0.0	0.625	38.2	42.5	−7.1	43.1	350.4
409	B59R_062_062de	0.625	0.0	0.5	0.625	0.625	0.312	341	0.411	0.0	0.625	34.0	35.1	−13.4	37.6	339.0
410	B50R_062_062de	0.625	0.0	0.625	0.625	0.625	0.312	330	0.274	0.0	0.625	30.9	29.8	−18.2	34.9	328.6
411	B42R_075_075de	0.625	0.0	0.75	0.75	0.75	0.375	321	0.206	0.0	0.75	29.7	30.0	−25.1	39.1	320.0
412	B36R_087_087de	0.625	0.0	0.875	0.875	0.875	0.437	314	0.161	0.0	0.875	30.3	30.4	−32.1	44.2	313.4
413	B31R_100_100de	0.625	0.0	1.0	1.0	1.0	0.5	308	0.113	0.0	1.0	31.4	30.4	−39.2	49.6	307.7
414	R18Y_062_062de	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.024	0.0	39.8	36.1	27.9	45.6	37.7
415	R00Y_062_050de	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.261	44.3	29.5	14.0	32.7	25.4
416	R26Y_062_050de	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.403	44.3	31.4	5.4	31.9	9.8
417	R00Y_062_050de	0.625	0.125	0.375	0.625	0.5	0.375	360	0.621	0.125	0.625	45.0	34.8	−4.8	35.1	352.0
418	B61R_062_050de	0.625	0.125	0.5	0.625	0.5	0.375	344	0.489	0.125	0.625	41.9	29.5	−9.6	31.1	341.8
419	B50R_062_050de	0.625	0.125	0.625	0.625	0.5	0.375	330	0.344	0.125	0.625	38.6	23.8	−14.5	27.9	328.6
420	B40R_075_062de	0.625	0.125	0.75	0.75	0.625	0.437	319	0.277	0.125	0.75	37.5	23.9	−21.4	32.1	318.1
421	B34R_087_075de	0.625	0.125	0.875	0.875	0.75	0.5	311	0.237	0.125	0.875	38.5	24.4	−28.5	37.6	310.5
422	B29R_100_087de	0.625	0.125	1.0	1.0	0.875	0.562	305	0.191	0.125	1.0	39.7	24.6	−35.2	43.0	304.9
423	R38Y_062_062de	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.111	0.0	44.4	29.5	36.5	47.0	51.0
424	R23Y_062_050de	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.162	0.125	46.6	28.1	24.4	37.2	41.0
425	R00Y_062_037de	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.352	50.6	22.1	10.5	24.5	25.4
426	R18Y_062_037de	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.495	50.6	24.4	1.8	24.4	4.3
427	B65R_062_037de	0.625	0.25	0.5	0.625	0.375	0.437	349	0.573	0.25	0.625	49.8	24.0	−5.7	24.7	346.6
428	B50R_062_037de	0.625	0.25	0.625	0.625	0.375	0.437	330	0.414	0.25	0.625	46.3	17.9	−10.9	20.9	328.6
429	B38R_075_050de	0.625	0.25	0.75	0.75	0.5	0.5	316	0.354	0.25	0.75	45.7	18.1	−17.9	25.4	315.3
430	B30R_087_062de	0.625	0.25	0.875	0.875	0.625	0.562	307	0.313	0.25	0.875	46.8	18.5	−24.7	30.9	306.8
431	B25R_100_075de	0.625	0.25	1.0	1.0	0.75	0.625	300	0.261	0.25	1.0	48.1	18.2	−31.3	36.2	300.1
432	R61Y_062_062de	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.217	0.0	50.2	18.2	42.4	46.1	66.6
433	R50Y_062_050de	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.251	0.125	51.7	18.9	31.4	36.7	58.8
434	R31Y_062_037de	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.3	0.25	53.4	19.6	20.7	28.6	46.6
435	R00Y_062_025de	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.443	56.9	14.7	7.0	16.3	25.4
436	R00Y_062_025de	0.625	0.375	0.5	0.625	0.25	0.5	360	0.623	0.375	0.625	57.2	17.4	−2.4	17.5	352.0
437	B50R_062_025de	0.625	0.375	0.625	0.625	0.25	0.5	330	0.484	0.375	0.625	54.0	11.9	−7.2	13.9	328.6
438	B34R_075_037de	0.625	0.375	0.75	0.75	0.375	0.562	311	0.431	0.375	0.75	54.0	12.2	−14.2	18.8	310.5
439	B25R_087_050de	0.625	0.375	0.875	0.875	0.5	0.625	300	0.382	0.375	0.875	55.2	12.1	−20.9	24.1	300.1
440	B19R_100_062de	0.625	0.375	1.0	1.0	0.625	0.687	293	0.375	0.412	1.0	56.9	11.8	−27.1	29.6	293.5
441	R81Y_062_062de	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.352	0.0	55.5	8.3	47.3	48.0	80.0
442	R76Y_062_050de	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.371	0.125	57.1	8.6	36.7	37.7	76.7
443	R68Y_062_037de	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.403	0.25	58.9	9.0	26.4	27.9	71.1
444	R50Y_062_025de	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.438	0.375	60.5	9.4	15.7	18.3	58.8
445	R00Y_062_012de	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.534	63.1	7.3	3.5	8.1	25.4
446	B50R_062_012de	0.625	0.5	0.625	0.625	0.125	0.562	330	0.554	0.5	0.625	61.7	5.9	−3.6	6.9	328.6
447	B25R_075_025de	0.625	0.5	0.75	0.75	0.25	0.625	300	0.503	0.5	0.75	62.3	6.0	−10.4	12.0	300.1
448	B15R_087_037de	0.625	0.5	0.875	0.875	0.375	0.687	289	0.5	0.538	0.875	64.0	5.9	−16.5	17.5	289.7
449	B11R_100_050de	0.625	0.5	1.0	1.0	0.5	0.75	284	0.5	0.575	1.0	65.5	6.0	−22.6	23.4	285.0
450	Y00G_062_062de	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.496	0.0	61.7	−1.9	48.8	48.8	92.3
451	Y00G_062_050de	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.522	0.125	63.3	−1.5	39.0	39.0	92.3
452	Y00G_062_037de	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.548	0.25	64.8	−1.1	29.2	29.3	92.3
453	Y00G_062_025de	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.573	0.375	66.3	−0.7	19.5	19.5	92.3
454	Y00G_062_012de	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.599	0.5	67.9	−0.3	9.7	9.7	92.3
455	NW_062de	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	69.4	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	71.0	0.1	−6.0	6.0	271.7
457	B00R_087_025de	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.695	0.875	72.6	0.3	−12.0	12.0	271.7
458	B00R_100_037de	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.73	1.0	74.2	0.5	−18.0	18.0	271.7
459	Y15G_075_075de	0.625	0.75	0.0	0.75	0.75	0.375	99	0.592	0.75	0.0	74.0	−15.4	67.9	69.6	102.7
460	Y18G_075_062de	0.625	0.75	0.125	0.75	0.625	0.437	101	0.58	0.75	0.125	73.1	−14.7	54.5	56.4	105.1
461	Y23G_075_050de	0.625	0.75	0.25	0.75	0.5	0.5	104	0.586	0.75	0.25	72.3	−13.7	40.7	42.9	108.6
462	Y31G_075_037de	0.625	0.75	0.375	0.75	0.375	0.562	109	0.593	0.75	0.375	71.8	−12.4	27.3	30.0	114.4
463	Y50G_075_025de	0.625	0.75	0.5	0.75	0.25	0.625	120	0.594	0.75	0.5	71.6	−11.0	14.5	18.3	127.2
464	G00B_075_012de	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.646	73.2	−7.7	2.4	8.1	162.2
465	G50B_075_012de	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.735	73.3	−4.7	−3.5	5.8	216.9
466	G75B_087_025de	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.792	0.875	76.0	−5.7	−11.9	13.3	244.3
467	G84B_100_037de	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.814	1.0	77.6	−5.0	−18.1	18.8	254.3
468	Y26G_087_087de	0.625	0.875	0.0	0.875	0.875	0.437	106	0.556	0.875	0.0	74.6	−25.9	67.7	72.5	110.9
469	Y31G_087_075de	0.625	0.875	0.125	0.875	0.75	0.5	109	0.561	0.875	0.125	74.1	−24.8	54.6	60.0	114.4
470	Y38G_087_062de	0.625	0.875	0.25	0.875	0.625	0.562	113	0.57	0.875	0.25	74.0	−23.3	41.8	47.9	119.1
471	Y50G_087_050de	0.625	0.875	0.375	0.875	0.5	0.625	120	0.563	0.875	0.375	73.9	−22.1	29.1	36.6	127.2
472	Y68G_087_037de	0.625	0.875	0.5	0.875	0.375	0.687	131	0.584	0.875	0.5	74.3	−20.3	17.0	26.5	140.0
473	G00B_087_025de	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.668	77.0	−15.5	4.9	16.3	162.2
474	G25B_087_025de	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.764	77.5	−11.9	−2.0	12.1	189.6
475	G50B_087_025de	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.845	77.2	−9.4	−7.0	11.7	216.9
476	G65B_100_037de	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	0.947	1.0	79.9	−11.5	−16.0	19.7	234.3
477	Y36G_100_100de	0.625	1.0	0.0	1.0	1.0	0.5	112	0.529	1.0	0.0	75.9	−36.3	68.5	77.5	117.9
478	Y41G_100_087de	0.625	1.0	0.125	1.0	0.875	0.562	115	0.54	1.0	0.125	76.2	−34.4	56.3	66.0	121.4
479	Y50G_100_075de	0.625	1.0	0.25	1.0	0.75	0.625	120	0.532	1.0	0.25	76.1	−33.2	43.7	54.9	127.2
480	Y61G_100_062de	0.625	1.0	0.375	1.0	0.625	0.687	127	0.552	1.0	0.375	76.3	−31.8	31.3	44.6	135.4
481	Y76G_100_050de	0.625	1.0	0.5	1.0	0.5	0.75	136	0.569	1.0	0.5	77.5	−29.2	19.8	35.3	145.9
482	G00B_100_037de	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.69	80.8	−23.3	7.4	24.4	162.2
483	G15B_100_037de	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.788	81.4	−19.8	0.1	19.8	179.5
484	G34B_100_037de	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.879	81.7	−16.3	−5.8	17.3	199.6
485	G50B_100_037de	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	0.955	81.1	−14.1	−10.6	17.6	216.9

n	rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
405	0.546	0.0	0.071	39.1	42.1	26.8	49.9	32.5	10.7	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
406	0.547	0.007	0.213	38.6	43.9	19.8	48.2	24.2	12.1	360	1.0	0.0	0.497	46.0	61.4	14.4	63.1	13.2
407	0.56	0.009	0.391	38.6	43.8	11.5	45.3	14.7	11.8	344	1.0	0.0	0.736	46.2	66.6	−0.1	66.6	359.8
408	0.533	0.015	0.505	38.5	45.6	3.5	45.7	4.4	11.2	327	0.954	0.0	1.0	46.4	68.0	−11.5	69.0	350.4
409	0.375	0.0	0.5	38.5	48.3	−3.4	48.4	355.8	17.1	310	0.658	0.0	1.0	39.7	56.1	−21.5	60.1	339.0
410	0.25	0.0	0.5	39.2	53.1	−9.5	53.9	349.8	26.1	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
411	0.25	0.0	0.625	39.6	55.9	−14.7	57.8	345.2	29.6	285	0.275	0.0	1.0	31.4	40.0	−33.5	52.2	320.0
412	0.125	0.0	0.75	39.4	56.2	−19.5	59.5	340.7	30.0	280	0.184	0.0	1.0	31.1	34.8	−36.7	50.6	313.4
413	0.115	0.0	1.0	39.0	54.7	−22.4	59.1	337.6	30.5	275	0.113	0.0	1.0	31.4	30.4	−39.2	49.6	307.7
414	0.623	0.023	0.0	45.5	26.9	29.4	39.9	47.5	10.9	31	1.0	0.039	0.0	48.9	57.8	44.7	73.0	37.7
415	0.589	0.114	0.215	46.2	28.6	21.7	35.9	37.1	7.9	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
416	0.601	0.128	0.37	45.5	30.6	13.7	33.6	24.1	8.4	356	1.0	0.0	0.556	46.0	62.8	10.9	63.8	9.8
417	0.583	0.135	0.548	44.3	33.0	6.0	33.6	10.3	11.0	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0
418	0.453	0.111	0.524	44.8	36.5	−0.9	36.5	358.5	11.5	314	0.728	0.0	1.0	41.3	59.1	−19.3	62.2	341.8
419	0.325	0.092	0.506	45.3	40.3	−6.9	40.9	350.1	19.3	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
420	0.258	0.066	0.588	46.4	44.2	−13.3	46.1	343.2	23.5	283	0.244	0.0	1.0	30.9	38.3	−34.2	51.4	318.1
421	0.219	0.08	0.711	45.5	48.7	−19.9	52.7	337.7	26.7	277	0.149	0.0	1.0	31.2	32.6	−38.0	50.1	310.5
422	0.224	0.158	0.859	42.5	47.7	−24.9	53.8	332.4	25.4	273	0.076	0.0	1.0	31.6	28.1	−40.3	49.1	304.9
423	0.645	0.125	0.0	52.0	16.4	38.7	42.0	66.9	15.2	39	1.0	0.177	0.0	56.3	47.2	58.5	75.2	51.0
424	0.632	0.132	0.095	52.2	17.2	26.1	31.3	56.6	12.3	33	1.0	0.075	0.0	50.6	56.2	48.9	74.5	41.0
425	0.623	0.24	0.345	52.0	19.3	17.6	26.2	42.2	7.7	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
426	0.618	0.244	0.482	50.9	21.8	8.5	23.4	21.4	7.2	349	1.0	0.0	0.655	46.1	65.0	4.9	65.2	4.3
427	0.556	0.252	0.578	51.1	24.4	0.9	24.4	2.2	6.8	322	0.862	0.0	1.0	43.9	64.1	−15.2	65.8	346.6
428	0.42	0.24	0.573	51.6	29.4	−5.3	29.9	349.7	13.8	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
429	0.358	0.222	0.656	53.2	31.8	−11.5	33.8	340.0	16.8	281	0.208	0.0	1.0	31.0	36.2	−35.8	50.9	315.3
430	0.334	0.237	0.769	52.5	36.6	−19.5	41.5	331.9	19.7	275	0.101	0.0	1.0	31.5	29.6	−39.6	49.5	306.8
431	0.336	0.302	0.856	47.9	38.8	−25.7	46.6	326.4	21.3	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1
432	0.625	0.25	0.0	56.4	8.3	45.6	46.4	79.6	12.2	50	1.0	0.348	0.0	65.5	29.2	67.8	73.8	66.6
433	0.638	0.236	0.076	57.6	8.2	32.7	33.7	75.8	12.2	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
434	0.658	0.265	0.24	56.8	9.7	21.7	23.8	65.9	10.5	37	1.0	0.135	0.0	53.6	52.3	55.4	76.2	46.6
435	0.636	0.376	0.475	56.2	11.5	13.1	17.5	48.8	6.9	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
436	0.622	0.397	0.614	56.6	14.9	4.3	15.6	16.2	7.2	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0
437	0.494	0.397	0.618	56.5	19.1	−3.6	19.4	349.3	8.4	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
438	0.455	0.38	0.71	57.6	22.6	−9.5	24.5	337.0	11.9	277	0.149	0.0	1.0	31.2	32.6	−38.0	50.1	310.5
439	0.442	0.411	0.798	58.1	27.5	−18.8	33.3	325.6	15.7	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1
440	0.459	0.462	0.91	54.6	28.5	−25.0	37.9	318.8	17.0	266	0.0	0.06	1.0	33.2	18.9	−43.4	47.3	293.5
441	0.625	0.375	0.0	61.2	−0.3	52.6	52.6	90.3	11.6	64	1.0	0.563	0.0	74.1	13.2	75.7	76.9	80.0
442	0.625	0.372	0.086	62.3	0.9	37.0	37.0	88.5	9.2	59	1.0	0.492	0.0	71.8	17.3	73.4	75.4	76.7
443	0.65	0.403	0.226	61.9	2.3	27.1	27.2	85.1	7.3	54	1.0	0.409	0.0	68.3	24.0	70.4	74.4	71.1
444	0.668	0.459	0.413	60.9	4.3	17.3	17.8	75.8	5.3	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
445	0.651	0.564	0.609	60.0	7.2	8.3	11.0	48.7	5.7	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
446	0.582	0.564	0.666	60.5	11.2	−0.2	11.2	358.9	6.4	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
447	0.551	0.559	0.748	62.1	14.9	−8.6	17.2	329.9	9.0	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1
448	0.548	0.578	0.831	64.0	17.9	−17.7	25.2	315.2	12.0	264	0.0	0.102	1.0	34.0	15.8	−44.0	46.8	289.7
449	0.566	0.604	0.948	62.2	17.9	−23.6	29.6	307.2	12.3	261	0.0	0.15	1.0	34.8	12.1	−45.2	46.8	285.0
450	0.606	0.521	0.028	66.4	−7.5	58.7	59.2	97.3	12.2	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
451	0.614	0.535	0.119	67.4	−6.6	43.2	43.7	98.7	7.7	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
452	0.636	0.571	0.275	66.5	−5.4	33.4	33.9	99.2	6.2	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
453	0.657	0.622	0.436	65.7	−3.1	22.2	22.4	98.1	3.6	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
454	0.659	0.667	0.581	64.9	−0.6	11.7	11.7	93.3	3.5	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
455	0.643	0.697	0.709	64.0	2.4	1.9	3.1	37.5	6.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
456	0.646	0.715	0.792	65.8	6.1	−6.4	8.9	313.6	7.9	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
457	0.657	0.731	0.872	68.6	7.6	−15.7	17.4	295.9	9.0	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
458	0.658	0.726	0.966	68.9	7.7	−22.3	23.6	289.2	9.9	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
459	0.619	0.781	0.03	72.1	−13.3	71.0	72.2	100.6	4.1	101	0.79	1.0	0.0	90.5	−20.5	90.5	92.8	102.7
460	0.602	0.761	0.1	73.5	−12.8	51.1	52.7	104.1	3.8	105	0.728	1.0	0.0	88.0	−23.5	87.2	90.3	105.1
461	0.599	0.747	0.23	73.1	−12.5	40.5	42.4	107.2	1.4	108	0.672	1.0	0.0	84.2	−27.4	81.4	85.9	108.6
462	0.601	0.751	0.383	72.2	−11.2	29.3	31.4	110.9	2.3	114	0.582	1.0	0.0	78.7	−33.1	72.8	80.0	114.4
463	0.593	0.763	0.533	71.4	−8.9	18.3	20.3	116.0	4.3	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
464	0.613	0.775	0.698	71.6	−6.9	8.2	10.7	130.1	5.9	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
465	0.635	0.767	0.777	72.0	−4.3	−1.9	4.7	203.8	2.1	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
466	0.64	0.805	0.877	72.6	−3.1	−13.4	13.8	256.6	4.5	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
467	0.652	0.798	0.979	74.1	−3.7	−22.2	22.5	260.5	5.4	239	0.0	0.504	1.0	46.4	−13.5	−48.4	50.3	254.3
468	0.538	0.863	0.019	79.0	−20.9	78.6	81.3	104.9	12.7	111	0.635	1.0	0.0	81.7	−29.6	77.4	82.9	110.9
469	0.518	0.846	0.093	79.8	−20.1	59.1	62.5	108.8	8.5	114	0.582	1.0	0.0	78.7	−33.1	72.8	80.0	114.4
470	0.521	0.838	0.199	78.8	−19.2	44.7	48.6	113.2	6.9	119	0.512	1.0	0.0	75.0	−37.3	67.0	76.7	119.1
471	0.528	0.837	0.337	78.6	−19.2	33.3	38.5	119.9	6.9	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
472	0.532	0.838	0.487	78.9	−18.6	23.7	30.2	128.1	8.3	137	0.224	1.0	0.0	61.6	−54.3	45.4	70.8	140.0
473	0.582	0.856	0.681	79.1	−15.9	13.3	20.7	139.9	8.6	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
474	0.606	0.852	0.772	79.3	−12.9	2.1	13.1	170.4	4.6	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	189.6
475	0.621	0.837	0.825	79.3	−10.8	−11.6	15.9	227.1	5.2	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
476	0.615	0.902	0.948	80.1	−10.5	−19.6	22.2	241.8	3.7	217	0.0	0.859	1.0	52.6	−30.7	−42.8	52.7	234.3
477	0.53	1.0	0.0	81.0	−30.2	76.3	82.0	111.6	11.1	118	0.529	1.0	0.0	75.9	−36.3	68.5	77.5	117.9
478	0.516	0.987	0.142	83.1	−28.1	68.9	74.4	112.1	15.7	121	0.474	1.0	0.0	73.3	−39.3	64.4	75.5	121.4
479	0.524	0.989	0.253	82.1	−28.0	54.7	61.5	117.1	13.5	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
480	0.507	0.996	0.35	81.0	−27.9	41.4	50.0	124.0	11.7	134	0.283	1.0	0.0	64.3	−50.9	50.1	71.4	135.4
481	0.501	1.0	0.476	82.4	−23.8	25.6	35.0	132.8	9.3	142	0.139	1.0	0.0	58.7	−58.5	39.6	70.6	145.9
482	0.549	1.0	0.675	83.7	−20.5	16.5	26.3	141.1	9.8	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
483	0.571	1.0	0.758	83.8	−17.5	4.7	18.1	164.8	5.6	175	0.0	1.0	0.436	56.5	−52.8	0.4	52.8	179.5
484	0.602	0.996	0.843	82.6	−14.8	−7.6	16.7	207.3	2.5	191	0.0	1.0	0.679	57.5	−43.4	−15.5	46.1	199.6
485	0.61	0.97	0.894	81.5	−12.1	−17.5	21.3	235.1	7.1	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9

Mean color difference of this page: delta 10.8

1−1132431−F0 RE650−7N, Page 25/33−F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, Δ*E'**

input: *rgb/cmyk* −> *rgb*de
output: 3D-linearization to *cmy0**de

1−1132431−F0

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.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	0.205	40.8	44.2	21.1	49.0	25.4	0.679	0.022	0.159	41.6	51.1	34.6	61.7	34.1	15.1	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
487	R35Y_075_075de	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.344	40.6	45.7	12.6	47.4	15.4	0.69	0.024	0.299	40.6	50.7	26.7	57.3	27.7	14.9	362	1.0	0.0	0.458	45.9	61.0	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	0.491	40.7	48.8	3.6	48.9	4.3	0.709	0.03	0.455	39.8	51.6	18.6	54.9	19.8	15.2	349	1.0	0.0	0.655	46.1	65.0	4.9	65.2	4.3
489	R00Y_075_075de	0.75	0.0	0.375	0.75	0.75	0.375	360	0.745	0.0	0.75	41.7	52.2	−7.2	52.7	352.0	0.696	0.043	0.651	39.1	53.1	10.1	54.1	10.7	17.6	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0
490	B65R_075_075de	0.75	0.0	0.5	0.75	0.75	0.375	349	0.646	0.0	0.75	39.1	48.0	−11.4	49.4	346.6	0.563	0.013	0.621	39.1	54.9	1.0	54.9	1.0	14.2	322	0.862	0.0	1.0	43.9	64.1	−15.2	65.8	346.6
491	B57R_075_075de	0.75	0.0	0.625	0.75	0.75	0.375	339	0.46	0.0	0.75	35.1	40.7	−17.1	44.2	337.1	0.385	0.0	0.623	39.3	58.4	−5.3	58.6	354.7	21.6	307	0.614	0.0	1.0	38.7	54.3	−22.9	58.9	337.1
492	B50R_075_075de	0.75	0.0	0.75	0.75	0.75	0.375	330	0.329	0.0	0.75	32.1	35.8	−21.8	41.9	328.6	0.277	0.0	0.623	40.3	61.3	−11.1	62.3	349.7	28.8	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
493	B43R_087_087de	0.75	0.0	0.875	0.875	0.875	0.437	322	0.255	0.0	0.875	30.8	35.8	−29.0	46.1	321.0	0.25	0.0	0.75	41.2	60.5	−16.6	62.8	344.6	29.5	286	0.292	0.0	1.0	31.7	40.9	−33.1	52.6	321.0
494	B38R_100_100de	0.75	0.0	1.0	1.0	1.0	0.5	316	0.208	0.0	1.0	31.0	36.2	−35.8	50.9	315.3	0.193	0.0	0.943	41.8	60.0	−18.6	62.8	342.7	31.2	281	0.208	0.0	1.0	31.0	36.2	−35.8	50.9	315.3
495	R15Y_075_075de	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.01	0.0	41.9	44.0	31.4	54.0	35.5	0.694	0.026	0.013	49.2	35.2	41.3	54.3	49.5	15.0	30	1.0	0.014	0.0	47.7	58.7	41.8	72.1	35.5
496	R00Y_075_062de	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.296	47.1	36.9	17.5	40.8	25.4	0.731	0.117	0.29	48.7	35.0	29.2	45.6	39.8	11.9	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
497	R31Y_075_062de	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.435	46.9	38.4	9.0	39.4	13.2	0.729	0.129	0.429	48.3	35.8	21.4	41.7	30.9	12.7	360	1.0	0.0	0.497	46.0	61.4	14.4	63.1	13.2
498	R11Y_075_062de	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.585	47.1	41.6	−0.1	41.6	359.8	0.731	0.14	0.593	47.3	38.2	12.9	40.4	18.7	13.5	344	1.0	0.0	0.736	46.2	66.6	−0.1	66.6	359.8
499	B69R_075_062de	0.75	0.125	0.5	0.75	0.625	0.437	353	0.721	0.125	0.75	47.1	42.5	−7.1	43.1	350.4	0.683	0.144	0.678	46.9	41.2	6.0	41.6	8.3	13.3	327	0.954	0.0	1.0	46.4	68.0	−11.5	69.0	350.4
500	B59R_075_062de	0.75	0.125	0.625	0.75	0.625	0.437	341	0.536	0.125	0.75	43.0	35.1	−13.4	37.6	339.0	0.492	0.108	0.63	46.3	44.4	−1.3	44.5	358.2	15.6	310	0.658	0.0	1.0	39.7	56.1	−21.5	60.1	339.0
501	B50R_075_062de	0.75	0.125	0.75	0.75	0.625	0.437	330	0.399	0.125	0.75	39.8	29.8	−18.2	34.9	328.6	0.363	0.082	0.622	46.7	50.1	−9.7	51.0	348.9	22.9	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
502	B42R_087_075de	0.75	0.125	0.875	0.875	0.75	0.5	321	0.331	0.125	0.875	38.6	30.0	−25.1	39.1	320.0	0.298	0.072	0.705	47.0	52.1	−15.0	54.2	343.9	25.6	285	0.275	0.0	1.0	31.4	40.0	−33.5	52.2	320.0
503	B36R_100_087de	0.75	0.125	1.0	1.0	0.875	0.562	314	0.286	0.125	1.0	39.3	30.4	−32.1	44.2	313.4	0.286	0.13	0.841	46.9	52.4	−20.4	56.2	338.7	26.0	280	0.184	0.0	1.0	31.1	34.8	−36.7	50.6	313.4
504	R31Y_075_075de	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.101	0.0	46.4	39.2	41.5	57.2	46.6	0.749	0.084	0.0	55.1	25.3	51.4	57.3	63.7	19.2	37	1.0	0.135	0.0	53.6	52.3	55.4	76.2	46.6
505	R18Y_075_062de	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.149	0.125	48.7	36.1	27.9	45.6	37.7	0.757	0.124	0.157	54.9	22.8	33.1	40.2	55.5	15.5	31	1.0	0.039	0.0	48.9	57.8	44.7	73.0	37.7
506	R00Y_075_050de	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.386	53.3	29.5	14.0	32.7	25.4	0.755	0.23	0.415	54.8	25.0	24.5	35.0	44.4	11.4	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
507	R26Y_075_050de	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.528	53.2	31.4	5.4	31.9	9.8	0.752	0.239	0.553	54.3	26.5	16.4	31.2	31.7	12.0	356	1.0	0.0	0.556	46.0	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	0.746	0.25	0.75	53.9	34.8	−4.8	35.1	352.0	0.751	0.262	0.716	54.0	28.7	9.1	30.1	17.7	15.3	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0
509	B61R_075_050de	0.75	0.25	0.625	0.75	0.5	0.5	344	0.614	0.25	0.75	50.9	29.5	−9.6	31.1	341.8	0.586	0.24	0.677	53.5	31.9	0.6	31.9	1.1	10.9	314	0.728	0.0	1.0	41.3	59.1	−19.3	62.2	341.8
510	B50R_075_050de	0.75	0.25	0.75	0.75	0.5	0.5	330	0.469	0.25	0.75	47.5	23.8	−14.5	27.9	328.6	0.458	0.225	0.667	53.2	36.9	−7.2	37.6	348.9	16.0	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
511	B40R_087_062de	0.75	0.25	0.875	0.875	0.625	0.562	319	0.402	0.25	0.875	46.4	23.9	−21.4	32.1	318.1	0.395	0.202	0.751	53.8	41.3	−14.8	43.9	340.3	20.0	283	0.244	0.0	1.0	30.9	38.3	−34.2	51.4	318.1
512	B34R_100_075de	0.75	0.25	1.0	1.0	0.75	0.625	311	0.362	0.25	1.0	47.5	24.4	−28.5	37.6	310.5	0.393	0.265	0.843	52.9	42.5	−20.9	47.3	333.8	20.3	277	0.149	0.0	1.0	31.2	32.6	−38.0	50.1	310.5
513	R50Y_075_075de	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.189	0.0	51.8	28.4	47.1	55.0	58.8	0.749	0.195	0.0	59.3	18.0	58.4	61.1	72.8	17.0	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
514	R38Y_075_062de	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.236	0.125	53.3	29.5	36.5	47.0	51.0	0.775	0.203	0.107	61.3	13.5	38.0	40.4	70.3	17.8	39	1.0	0.177	0.0	56.3	47.2	58.5	75.2	51.0
515	R23Y_075_050de	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.287	0.25	55.5	28.1	24.4	37.2	41.0	0.787	0.243	0.293	61.0	15.1	28.1	31.9	61.6	14.5	33	1.0	0.075	0.0	50.6	56.2	48.9	74.5	41.0
516	R00Y_075_037de	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.477	59.6	22.1	10.5	24.5	25.4	0.766	0.366	0.531	60.0	16.8	19.8	26.0	49.6	10.6	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
517	R18Y_075_037de	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.62	59.5	24.4	1.8	24.4	4.3	0.759	0.379	0.646	59.6	19.7	12.1	23.1	31.5	11.2	349	1.0	0.0	0.655	46.1	65.0	4.9	65.2	4.3
518	B65R_075_037de	0.75	0.375	0.625	0.75	0.375	0.562	349	0.698	0.375	0.75	58.7	24.0	−5.7	24.7	346.6	0.696	0.381	0.725	59.0	23.5	2.6	23.6	6.3	8.3	322	0.862	0.0	1.0	43.9	64.1	−15.2	65.8	346.6
519	B50R_075_037de	0.75	0.375	0.75	0.75	0.375	0.562	330	0.539	0.375	0.75	55.2	17.9	−10.9	20.9	328.6	0.54	0.367	0.71	59.5	26.5	−5.2	27.0	348.7	11.1	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
520	B38R_087_050de	0.75	0.375	0.875	0.875	0.5	0.625	316	0.479	0.375	0.875	54.7	18.1	−17.9	25.4	315.3	0.495	0.364	0.785	60.1	33.0	−13.2	35.6	338.1	16.5	281	0.208	0.0	1.0	31.0	36.2	−35.8	50.9	315.3
521	B30R_100_062de	0.75	0.375	1.0	1.0	0.625	0.687	307	0.438	0.375	1.0	55.8	18.5	−24.7	30.9	306.8	0.484	0.395	0.863	58.5	34.5	−19.9	39.9	329.9	16.9	275	0.101	0.0	1.0	31.5	29.6	−39.6	49.5	306.8
522	R68Y_075_075de	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.306	0.0	57.3	18.0	52.8	55.8	71.1	0.719	0.337	0.003	63.4	8.9	63.0	63.6	81.9	15.0	54	1.0	0.409	0.0	68.3	24.0	70.4	74.4	71.1
523	R61Y_075_062de	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.342	0.125	59.1	18.2	42.4	46.1	66.6	0.76	0.334	0.093	65.2	6.9	44.1	44.7	81.0	12.9	50	1.0	0.348	0.0	65.5	29.2	67.8	73.8	66.6
524	R50Y_075_050de	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.376	0.25	60.6	18.9	31.4	36.7	58.8	0.785	0.35	0.232	65.3	7.6	33.9	34.8	77.2	12.4	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
525	R31Y_075_037de	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.425	0.375	62.4	19.6	20.7	28.6	46.6	0.809	0.396	0.426	64.5	9.5	23.9	25.7	68.2	10.7	37	1.0	0.135	0.0	53.6	52.3	55.4	76.2	46.6
526	R00Y_075_025de	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.568	65.8	14.7	7.0	16.3	25.4	0.775	0.533	0.64	64.6	11.0	15.4	18.9	54.2	9.2	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
527	R00Y_075_025de	0.75	0.5	0.625	0.75	0.25	0.625	360	0.748	0.5	0.75	66.1	17.4	−2.4	17.5	352.0	0.769	0.557	0.752	63.8	15.5	5.7	16.5	20.4	8.7	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0
528	B50R_075_025de	0.75	0.5	0.75	0.75	0.25	0.625	330	0.609	0.5	0.75	62.9	11.9	−7.2	13.9	328.6	0.621	0.536	0.736	63.3	20.5	−5.0	21.2	346.1	8.9	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
529	B34R_087_037de	0.75	0.5	0.875	0.875	0.375	0.687	311	0.556	0.5	0.875	62.9	12.2	−14.2	18.8	310.5	0.585	0.524	0.812	65.5	23.9	−11.7	26.6	333.7	12.2	277	0.149	0.0	1.0	31.2	32.6	−38.0	50.1	310.5
530	B25R_100_050de	0.75	0.5	1.0	1.0	0.5	0.75	300	0.507	0.5	1.0	64.1	12.1	−20.9	24.1	300.1	0.589	0.545	0.923	66.3	26.2	−17.3	31.4	326.4	14.6	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1
531	R85Y_075_075de	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.459	0.0	62.9	7.8	58.0	58.5	82.2	0.727	0.49	0.019	69.6	−0.5	70.8	70.8	90.4	16.7	67	1.0	0.613	0.0	75.7	10.4	77.3	78.0	82.2
532	R81Y_075_062de	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.477	0.125	64.5	8.3	47.3	48.0	80.0	0.751	0.487	0.101	70.7	−1.4	52.5	52.5	91.6	12.6	64	1.0	0.563	0.0	74.1	13.2	75.7	76.9	80.0
533	R76Y_075_050de	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.496	0.25	66.1	8.6	36.7	37.7	76.7	0.776	0.499	0.235	70.7	−0.8	40.5	40.5	91.1	11.2	59	1.0	0.492	0.0	71.8	17.3	73.4	75.4	76.7
534	R68Y_075_037de	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.528	0.375	67.9	9.0	26.4	27.9	71.1	0.8	0.542	0.414	69.6	0.7	30.8	30.8	88.5	9.5	54	1.0	0.409	0.0	68.3	24.0	70.4	74.4	71.1
535	R50Y_075_025de	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.563	0.5	69.5	9.4	15.7	18.3	58.8	0.803	0.597	0.585	68.9	3.8	20.6	21.0	79.5	7.5	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
536	R00Y_075_012de	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.659	72.1	7.3	3.5	8.1	25.4	0.784	0.698	0.741	67.8	7.5	9.6	12.2	51.8	7.4	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
537	B50R_075_012de	0.75	0.625	0.75	0.75	0.125	0.687	330	0.679	0.625	0.75	70.7	5.9	−3.6	6.9	328.6	0.714	0.69	0.786	67.6	12.4	−1.6	12.5	352.2	7.3	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
538	B25R_087_025de	0.75	0.625	0.875	0.875	0.25	0.75	300	0.628	0.625	0.875	71.3	6.0	−10.4	12.0	300.1	0.69	0.684	0.858	70.0	14.7	−10.5	18.1	324.4	8.7	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1
539	B15R_100_037de	0.75	0.625	1.0	1.0	0.375	0.812	289	0.625	0.663	1.0	72.9	5.9	−16.5	17.5	289.7	0.682	0.683	0.955	72.9	16.0	−16.1	22.7	314.9	10.1	264	0.0	0.102	1.0	34.0	15.8	−44.0	46.8	289.7
540	Y00G_075_075de	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.596	0.0	69.2	−2.3	58.5	58.6	92.3	0.716	0.62	0.063	77.4	−8.9	78.5	79.0	96.4	22.5	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
541	Y00G_075_062de	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.621	0.125	70.7	−1.9	48.8	48.8	92.3	0.739	0.629	0.16	76.3	−8.8	57.8	58.5	98.6	12.6	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
542	Y00G_075_050de	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.647	0.25	72.2	−1.5	39.0	39.0	92.3	0.763	0.657	0.302	76.1	−7.6	46.5	47.1	99.2	10.3	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
543	Y00G_075_037de	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.673	0.375	73.8	−1.1	29.2	29.3	92.3	0.776	0.703	0.462	75.6	−7.0	37.8	38.4	100.5	10.5	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
544	Y00G_075_025de	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.698	0.5	75.3	−0.7	19.5	19.5	92.3	0.785	0.748	0.599	74.2	−4.1	26.4	26.7	98.9	7.7	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
545	Y00G_075_012de	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.724	0.625	76.8	−0.3	9.7	9.7	92.3	0.781	0.79	0.716	73.7	−1.8	14.7	14.9	97.3	6.1	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
546	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	72.6	2.6	2.2	3.4	40.3	6.6	360	1.0	1.0	1.0	96.3	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	80.0	0.1	−6.0	6.0	271.7	0.767	0.814	0.884	75.0	4.5	−7.5	8.7	301.0	6.7	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
548	B00R_100_025de	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.82	1.0	81.6	0.3	−12.0	12.0	271.7	0.754	0.791	0.972	80.3	3.2	−14.6	15.0	282.6	4.1	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
549	Y13G_087_087de	0.75	0.875	0.0	0.875	0.875	0.437	98	0.733	0.875	0.0	83.4	−16.5	80.3	82.0	101.6	0.719	0.871	0.029	85.6	−15.7	87.6	89.0	100.2	7.6	98	0.838	1.0	0.0	91.9	−18.9	91.8	93.7	101.6
550	Y15G_087_075de	0.75	0.875	0.125	0.875	0.75	0.5	99	0.717	0.875	0.125	83.0	−15.4	67.9	69.6	102.7	0.736	0.878	0.108	82.8	−14.4	65.3	66.8	102.4	2.7	101	0.79	1.0	0.0	90.5	−20.5	90.5	92.8	102.7
551	Y18G_087_062de	0.75	0.875	0.25	0.875	0.625	0.562	101	0.705	0.875	0.25	82.1	−14.7	54.5	56.4	105.1	0.73	0.869	0.216	83.0	−14.1	52.1	54.0	105.1	2.5	105	0.728	1.0	0.0	88.0	−23.5	87.2	90.3	105.1
552	Y23G_087_050de	0.75	0.875	0.375	0.875	0.5	0.625	104	0.711	0.875	0.375	81.3	−13.7	40.7	42.9	108.6	0.732	0.866	0.384	82.2	−13.4	42.9	45.0	107.4	2.4	108	0.672	1.0	0.0	84.2	−27.4	81.4	85.9	108.6
553	Y31G_087_037de	0.75	0.875	0.5	0.875	0.375	0.687	109	0.718	0.875	0.5	80.7	−12.4	27.3	30.0	114.4	0.727	0.867	0.539	81.8	−12.4	32.3	34.6	111.0	5.1	114	0.582	1.0	0.0	78.7	−33.1	72.8	80.0	114.4
554	Y50G_087_025de	0.75	0.875	0.625	0.875	0.25	0.75	120	0.719	0.875	0.625	80.6	−11.0	14.5	18.3	127.2	0.71	0.877	0.671	81.2	−10.6	21.8	24.2	115.9	7.2	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
555	G00B_087_012de	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.771	82.2	−7.7	2.4	8.1	162.2	0.733	0.888	0.804	80.8	−6.8	8.6	11.0	128.0	6.4	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
556	G50B_087_012de	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.86	82.3	−4.7	−3.5	5.8	216.9	0.754	0.864	0.863	83.0	−5.7	−4.7	7.4	219.8	1.7	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
557	G75B_100_025de	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.917	1.0	85.0	−5.7	−11.9	13.3	244.3	0.744	0.855	0.985	86.6	−7.4	−12.2	14.3	238.6	2.3	228	0.0	0.671	1.0	51.1	−23.0	−47.9	53.2	244.3
558	Y23G_100_100de	0.75	1.0	0.0	1.0	1.0	0.5	104	0.672	1.0	0.0	84.2	−27.4	81.4	85.9	108.6	0.67	1.0	0.0	89.4	−21.9	89.4	92.1	103.7	11.0	108	0.672	1.0	0.0	84.2	−27.4	81.4	85.9	108.6
559	Y26G_100_087de	0.75	1.0	0.125	1.0	0.875	0.562	106	0.681	1.0	0.125	83.5	−25.9	67.7	72.5	110.9	0.644	0.983	0.134	88.9	−21.4	75.7	78.7	105.8	10.6	111	0.635	1.0	0.0	81.7	−29.6	77.4	82.9	110.9
560	Y31G_100_075de	0.75	1.0	0.25	1.0	0.75	0.625	109	0.686	1.0	0.25	83.1	−24.8	54.6	60.0	114.4	0.655	0.976	0.251	88.9	−21.6	61.6	65.3	109.3	9.6	114	0.582	1.0	0.0	78.7	−33.1	72.8	80.0	114.4
561	Y38G_100_062de	0.75	1.0	0.375	1.0	0.625	0.687	113	0.695	1.0	0.375	83.0	−23.3	41.8	47.9	119.1	0.673	0.97	0.395	87.9	−22.2	52.7	57.2	112.8	11.9	119	0.512	1.0	0.0	75.0	−37.3	67.0	76.7	119.1
562	Y50G_100_050de	0.75	1.0	0.5	1.0	0.5	0.75	120	0.688	1.0	0.5	82.9	−22.1	29.1	36.6	127.2	0.653	0.976	0.498	87.6	−21.2	41.1	46.3	117.2	12.9	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
563	Y68G_100_037de	0.75	1.0	0.625	1.0	0.375	0.812	131	0.709	1.0	0.625	83.3	−20.3	17.0	26.5	140.0	0.624	0.989	0.615	87.5	−19.2	27.0	33.2	125.4	10.9	137	0.224	1.0	0.0	61.6	−54.3	45.4	70.8	140.0
564	G00B_100_025de	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.793	86.0	−15.5	4.9	16.3	162.2	0.683	1.0	0.794	88.9	−15.1	15.3	21.5	134.4	10.8	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
565	G25B_100_025de	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.889	86.5	−11.9	−2.0	12.1	189.6	0.728	0.99	0.88	87.8	−12.1	0.2	12.1	178.6	2.6	183	0.0	1.0	0.558	57.1	−47.9	−8.1	48.6	189.6
566	G50B_100_025de	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	0.97	86.2	−9.4	−7.0	11.7	216.9	0.744	0.958	0.937	86.4	−9.1	−12.3	15.4	233.5	5.3	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9

Mean color difference of this page: delta 12.5

1-1132531-F0

RE650-7N, Page 26/33-F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, Δ*E'**

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to $cmy0*_{de}$

1-1132531-F0

TUB registration: 20150701-RE65/RE65L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmy0* (CMY0)

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.DAT in file (F), page 27/33

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				
567	R00Y_087_087de	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.239	43.5	51.6	24.6	57.2	25.4	0.815	0.021	0.214	44.0	55.3	35.9	65.9	33.0	11.9	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
568	R36Y_087_087de	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.384	43.2	53.1	15.8	55.4	16.5	0.825	0.027	0.369	44.3	55.6	31.6	63.9	29.6	16.0	364	1.0	0.0	0.439	45.9	60.7	18.0	63.4	16.5
569	R23Y_087_087de	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.521	43.4	55.7	7.5	56.3	7.6	0.834	0.025	0.49	44.0	56.0	24.0	60.9	23.2	16.5	353	1.0	0.0	0.595	46.1	63.7	8.5	64.3	7.6
570	R08Y_087_087de	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.686	43.7	59.2	−2.4	59.3	357.6	0.835	0.034	0.649	43.1	57.5	17.3	60.1	16.7	19.9	341	1.0	0.0	0.784	46.4	67.7	−2.8	67.8	357.6
571	B70R_087_087de	0.875	0.0	0.5	0.875	0.875	0.437	355	0.874	0.0	0.875	44.7	61.2	−8.2	61.7	352.3	0.835	0.05	0.753	43.3	59.5	7.6	60.0	7.2	16.0	329	0.999	0.0	1.0	47.6	69.9	−9.4	70.5	352.3
572	B63R_087_087de	0.875	0.0	0.625	0.875	0.875	0.437	346	0.682	0.0	0.875	40.2	53.4	−15.5	55.7	343.7	0.604	0.015	0.754	43.1	62.7	−0.8	62.7	359.2	17.6	317	0.779	0.0	1.0	42.4	61.1	−17.7	63.6	343.7
573	B56R_087_087de	0.875	0.0	0.75	0.875	0.875	0.437	338	0.521	0.0	0.875	36.5	46.9	−20.7	51.2	336.1	0.443	0.0	0.716	42.8	65.4	−7.5	65.8	353.3	23.5	306	0.595	0.0	1.0	38.2	53.6	−23.6	58.6	336.1
574	B50R_087_087de	0.875	0.0	0.875	0.875	0.875	0.437	330	0.384	0.0	0.875	33.4	41.7	−25.5	48.9	328.6	0.314	0.0	0.702	44.2	65.6	−12.1	66.7	349.5	29.3	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
575	B44R_100_100de	0.875	0.0	1.0	1.0	1.0	0.5	323	0.309	0.0	1.0	32.1	41.8	−32.7	53.1	321.9	0.315	0.002	1.0	44.2	64.5	−14.8	66.2	347.0	31.3	287	0.309	0.0	1.0	32.1	41.8	−32.7	53.1	321.9
576	R13Y_087_087de	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.002	0.0	44.3	51.7	35.3	62.6	34.3	0.827	0.02	0.037	52.2	44.3	50.1	66.9	48.5	18.3	30	1.0	0.002	0.0	47.1	59.1	40.4	71.6	34.3
577	R00Y_087_075de	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.33	49.8	44.2	21.1	49.0	25.4	0.84	0.13	0.351	51.7	45.8	41.6	61.8	42.2	20.6	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
578	R35Y_087_075de	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.469	49.6	45.7	12.6	47.4	15.4	0.833	0.136	0.48	51.2	45.7	30.1	54.8	33.3	17.5	362	1.0	0.0	0.458	45.9	61.0	16.8	63.3	15.4
579	R18Y_087_075de	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.616	49.7	48.8	3.6	48.9	4.3	0.838	0.146	0.617	49.9	47.9	21.6	52.6	24.2	17.9	349	1.0	0.0	0.655	46.1	65.0	4.9	65.2	4.3
580	R00Y_087_075de	0.875	0.125	0.5	0.875	0.75	0.5	360	0.87	0.125	0.875	50.7	52.2	−7.2	52.7	352.0	0.831	0.161	0.767	49.7	50.5	13.3	52.3	14.8	20.7	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0
581	B65R_087_075de	0.875	0.125	0.625	0.875	0.75	0.5	349	0.771	0.125	0.875	48.1	48.0	−11.4	49.4	346.6	0.742	0.15	0.792	49.2	54.1	4.4	54.3	4.7	17.0	322	0.862	0.0	1.0	43.9	64.1	−15.2	65.8	346.6
582	B57R_087_075de	0.875	0.125	0.75	0.875	0.75	0.5	339	0.585	0.125	0.875	44.1	40.7	−17.1	44.2	337.1	0.533	0.105	0.754	49.3	59.6	−6.0	59.9	354.2	22.5	307	0.614	0.0	1.0	38.7	54.3	−22.9	58.9	337.1
583	B50R_087_075de	0.875	0.125	0.875	0.875	0.75	0.5	330	0.454	0.125	0.875	41.1	35.8	−21.8	41.9	328.6	0.41	0.085	0.739	49.9	60.8	−12.8	62.2	348.0	28.0	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
584	B43R_100_087de	0.875	0.125	1.0	1.0	0.875	0.562	322	0.38	0.125	1.0	39.8	35.8	−29.0	46.1	321.0	0.369	0.114	0.832	49.8	57.3	−16.5	59.7	343.9	26.8	286	0.292	0.0	1.0	31.7	40.9	−33.1	52.6	321.0
585	R26Y_087_087de	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.087	0.0	48.4	48.1	45.3	66.1	43.3	0.874	0.069	0.0	60.0	31.8	60.2	68.1	62.1	24.8	35	1.0	0.1	0.0	51.8	54.9	51.8	75.5	43.3
586	R15Y_087_075de	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.135	0.125	50.9	44.0	31.4	54.0	35.5	0.853	0.125	0.219	58.4	30.7	46.2	55.5	56.3	21.2	30	1.0	0.014	0.0	47.7	58.7	41.8	72.1	35.5
587	R00Y_087_062de	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.421	56.0	36.9	17.5	40.8	25.4	0.862	0.226	0.47	59.2	30.7	34.3	46.1	48.1	18.1	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
588	R31Y_087_062de	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.56	55.9	38.4	9.0	39.4	13.2	0.854	0.234	0.585	58.3	32.9	25.4	41.6	37.6	17.4	360	1.0	0.0	0.497	46.0	61.4	14.4	63.1	13.2
589	R11Y_087_062de	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.71	56.0	41.6	−0.1	41.6	359.8	0.85	0.241	0.707	57.9	35.1	16.9	39.0	25.7	18.3	344	1.0	0.0	0.736	46.2	66.6	−0.1	66.6	359.8
590	B69R_087_062de	0.875	0.25	0.625	0.875	0.625	0.562	353	0.846	0.25	0.875	56.1	42.5	−7.1	43.1	350.4	0.829	0.25	0.797	57.4	38.5	7.7	39.3	11.4	15.5	327	0.954	0.0	1.0	46.4	68.0	−11.5	69.0	350.4
591	B59R_087_062de	0.875	0.25	0.75	0.875	0.625	0.562	341	0.661	0.25	0.875	52.0	35.1	−13.4	37.6	339.0	0.627	0.23	0.777	57.5	43.1	−1.8	43.2	357.6	15.2	310	0.658	0.0	1.0	39.7	56.1	−21.5	60.1	339.0
592	B50R_087_062de	0.875	0.25	0.875	0.875	0.625	0.562	330	0.524	0.25	0.875	48.8	29.8	−18.2	34.9	328.6	0.505	0.223	0.771	58.0	46.8	−11.2	48.2	346.4	20.5	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
593	B42R_100_075de	0.875	0.25	1.0	1.0	0.75	0.625	321	0.456	0.25	1.0	47.6	30.0	−25.1	39.1	320.0	0.456	0.234	0.832	57.2	48.0	−15.4	50.4	342.1	22.6	285	0.275	0.0	1.0	31.4	40.0	−33.5	52.2	320.0
594	R41Y_087_087de	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.174	0.0	53.5	39.0	52.4	65.3	53.3	0.843	0.157	0.0	64.9	23.0	65.7	69.6	70.7	23.7	40	1.0	0.198	0.0	57.6	44.6	59.9	74.6	53.3
595	R31Y_087_075de	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.226	0.125	55.3	39.2	41.5	57.2	46.6	0.889	0.19	0.163	63.7	20.7	50.2	54.4	67.5	22.0	37	1.0	0.135	0.0	53.6	52.3	55.4	76.2	46.6
596	R18Y_087_062de	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.274	0.25	57.7	36.1	27.9	45.6	37.7	0.896	0.238	0.357	64.0	22.2	36.4	42.7	58.6	17.4	31	1.0	0.039	0.0	48.9	57.8	44.7	73.0	37.7
597	R00Y_087_050de	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.511	62.3	29.5	14.0	32.7	25.4	0.881	0.352	0.57	63.5	23.6	27.1	35.9	48.9	14.3	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
598	R26Y_087_050de	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.653	62.2	31.4	5.4	31.9	9.8	0.868	0.364	0.675	63.4	25.3	18.9	31.6	36.8	14.8	356	1.0	0.0	0.556	46.0	62.8	10.9	63.8	9.8
599	R00Y_087_050de	0.875	0.375	0.625	0.875	0.5	0.625	360	0.871	0.375	0.875	62.9	34.8	−4.8	35.1	352.0	0.86	0.381	0.805	63.1	28.5	10.4	30.3	20.0	16.5	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0
600	B61R_087_050de	0.875	0.375	0.75	0.875	0.5	0.625	344	0.739	0.375	0.875	59.9	29.5	−9.6	31.1	341.8	0.743	0.38	0.815	62.6	34.0	−0.3	34.0	359.4	10.7	314	0.728	0.0	1.0	41.3	59.1	−19.3	62.2	341.8
601	B50R_087_050de	0.875	0.375	0.875	0.875	0.5	0.625	330	0.594	0.375	0.875	56.5	23.8	−14.5	27.9	328.6	0.59	0.36	0.794	63.4	38.2	−9.5	39.4	346.0	16.7	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
602	B40R_100_062de	0.875	0.375	1.0	1.0	0.625	0.687	319	0.527	0.375	1.0	55.4	23.9	−21.4	32.1	318.1	0.539	0.359	0.85	63.8	38.3	−14.7	41.1	339.0	17.9	283	0.244	0.0	1.0	30.9	38.3	−34.2	51.4	318.1
603	R58Y_087_087de	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.28	0.0	59.2	27.8	58.2	64.5	64.4	0.83	0.277	0.001	69.8	12.9	70.8	72.0	79.6	22.1	48	1.0	0.32	0.0	64.2	31.7	66.5	73.7	64.4
604	R50Y_087_075de	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.314	0.125	60.8	28.4	47.1	55.0	58.8	0.892	0.296	0.148	69.8	11.5	55.2	56.4	78.2	20.8	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
605	R38Y_087_062de	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.361	0.25	62.3	29.5	36.5	47.0	51.0	0.918	0.322	0.297	69.3	11.8	40.6	42.3	73.7	19.4	39	1.0	0.177	0.0	56.3	47.2	58.5	75.2	51.0
606	R23Y_087_050de	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.412	0.375	64.5	28.1	24.4	37.2	41.0	0.923	0.376	0.47	68.6	13.6	30.6	33.5	65.9	16.2	33	1.0	0.075	0.0	50.6	56.2	48.9	74.5	41.0
607	R00Y_087_037de	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.602	68.5	22.1	10.5	24.5	25.4	0.89	0.488	0.67	69.0	15.1	22.7	27.3	56.4	14.1	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
608	R18Y_087_037de	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.745	68.5	24.4	1.8	24.4	4.3	0.873	0.501	0.767	68.7	18.3	14.3	23.2	38.0	13.8	349	1.0	0.0	0.655	46.1	65.0	4.9	65.2	4.3
609	B65R_087_037de	0.875	0.5	0.75	0.875	0.375	0.687	349	0.823	0.5	0.875	67.7	24.0	−5.7	24.7	346.6	0.821	0.517	0.826	68.4	23.5	3.6	23.8	8.7	9.3	322	0.862	0.0	1.0	43.9	64.1	−15.2	65.8	346.6
610	B50R_087_037de	0.875	0.5	0.875	0.875	0.375	0.687	330	0.664	0.5	0.875	64.2	17.9	−10.9	20.9	328.6	0.679	0.516	0.813	69.4	29.3	−7.8	30.3	345.0	12.9	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
611	B38R_100_050de	0.875	0.5	1.0	1.0	0.5	0.75	316	0.604	0.5	1.0	63.7	18.1	−17.9	25.4	315.3	0.619	0.496	0.873	71.2	30.0	−12.1	32.4	337.9	15.2	281	0.208	0.0	1.0	31.0	36.2	−35.8	50.9	315.3
612	R73Y_087_087de	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.401	0.0	64.7	17.5	63.2	65.6	74.4	0.832	0.421	0.013	74.0	5.5	75.9	76.1	85.7	19.8	57	1.0	0.459	0.0	70.4	20.0	72.2	75.0	74.4
613	R68Y_087_075de	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.431	0.125	66.3	18.0	52.8	55.8	71.1	0.888	0.423	0.13	74.3	3.9	63.1	63.3	86.4	19.2	54	1.0	0.409	0.0	68.3	24.0	70.4	74.4	71.1
614	R61Y_087_062de	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.467	0.25	68.1	18.2	42.4	46.1	66.6	0.915	0.45	0.262	74.5	4.0	46.8	46.9	85.0	16.2	50	1.0	0.348	0.0	65.5	29.2	67.8	73.8	66.6
615	R50Y_087_050de	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.501	0.375	69.6	18.9	31.4	36.7	58.8	0.932	0.479	0.427	73.6	5.9	37.7	38.2	80.9	14.9	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
616	R31Y_087_037de	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.55	0.5	71.3	19.6	20.7	28.6	46.6	0.937	0.507	0.579	73.5	8.0	27.6	28.8	73.6	13.5	37	1.0	0.135	0.0	53.6	52.3	55.4	76.2	46.6
617	R00Y_087_025de	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.693	74.8	14.7	7.0	16.3	25.4	0.9	0.642	0.754	73.2	10.5	18.0	20.8	59.6	11.8	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
618	R00Y_087_025de	0.875	0.625	0.75	0.875	0.25	0.75	360	0.873	0.625	0.875	75.1	17.4	−2.4	17.5	352.0	0.887	0.656	0.844	72.6	14.9	6.2	16.2	22.5	9.3	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0
619	B50R_087_025de	0.875	0.625	0.875	0.875	0.25	0.75	330	0.734	0.625	0.875	71.9	11.9	−7.2	13.9	328.6	0.77	0.666	0.853	73.2	20.5	−6.8	21.6	341.6	8.7	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
620	B34R_100_037de	0.875	0.625	1.0	1.0	0.375	0.812	311	0.681	0.625	1.0	71.9	12.2	−14.2	18.8	310.5	0.725	0.642	0.94	77.0	23.1	−10.8	25.5	334.9	12.5	277	0.149	0.0	1.0	31.2	32.6	−38.0	50.1	310.5
621	R86Y_087_087de	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.555	0.0	70.1	7.8	68.1	68.6	83.4	0.836	0.555	0.023	82.1	−2.6	83.9	84.0	91.8	22.5	68	1.0	0.634	0.0	76.6	9.0	77.9	78.4	83.4
622	R85Y_087_075de	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.584	0.125	71.9	7.8	58.0	58.5	82.2	0.873	0.56	0.133	80.5	−3.3	69.8	69.9	92.7	18.4	67	1.0	0.613	0.0	75.7	10.4	77.3	78.0	82.2
623	R81Y_087_062de	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.602	0.25	73.5	8.3	47.3	48.0	80.0	0.907	0.579	0.252	80.0	−3.0	53.2	53.2	93.2	14.3	64	1.0	0.563	0.0	74.1	13.2	75.7	76.9	80.0
624	R76Y_087_050de	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.621	0.375	75.1	8.6	36.7	37.7	76.7	0.921	0.617	0.418	79.5	−1.3	43.4	43.5	91.7	12.8	59	1.0	0.492	0.0	71.8	17.3	73.4	75.4	76.7
625	R68Y_087_037de	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.653	0.5	76.8	9.0	26.4	27.9	71.1	0.923	0.653	0.562	79.4	0.3	32.9	32.9	89.3	11.1	54	1.0	0.409	0.0	68.3	24.0	70.4	74.4	71.1
626	R50Y_087_025de	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.688	0.625	78.5	9.4	15.7	18.3	58.8	0.919	0.698	0.695	78.9	3.4	23.7	23.9	81.7	10.0	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
627	R00Y_087_012de	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.784	81.1	7.3	3.5	8.1	25.4	0.888	0.787	0.826	77.9	7.0	9.9	12.2	54.5	7.1	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
628	B50R_087_012de	0.875	0.75	0.875	0.875	0.125	0.812	330	0.804	0.75	0.875	79.6	5.9	−3.6	6.9	328.6	0.83	0.791	0.871	78.4	12.7	−4.1	13.3	341.7	6.8	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
629	B25R_100_025de	0.875	0.75	1.0	1.0	0.25	0.875	300	0.753	0.75	1.0	80.2	6.0	−10.4	12.0	300.1	0.793	0.758	0.959	83.4	12.6	−9.1	15.6	323.9	7.3	270	0.015	0.0	1.0	32.0	24.3	−41.8	48.3	300.1
630	Y00G_087_087de	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.695	0.0	76.6	−2.7	68.3	68.4	92.3	0.817	0.701	0.077	88.0	−10.3	89.9	90.5	96.5	25.5	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
631	Y00G_087_075de	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.721	0.125	78.1	−2.3	58.5	58.6	92.3	0.851	0.718	0.186	85.4	−10.7	73.9	74.7	98.2	18.9	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
632	Y00G_087_062de	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.746	0.25	79.7	−1.9	48.8	48.8	92.3	0.877	0.744	0.306	85.5	−9.5	59.1	59.9	99.2	14.1	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
633	Y00G_087_050de	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.772	0.375	81.2	−1.5	39.0	39.0	92.3	0.888	0.777	0.453	85.3	−8.6	49.2	49.9	99.9	13.0	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
634	Y00G_087_037de	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.798	0.5	82.7	−1.1	29.2	29.3	92.3	0.895	0.815	0.603	85.3	−7.0	38.6	39.3	100.2	11.3	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
635	Y00G_087_025de	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.823	0.625	84.3	−0.7	19.5	19.5	92.3	0.896	0.843	0.712	84.7	−5.6	29.8	30.4	100.6	11.4	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
636	Y00G_087_012de	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.849	0.75	85.8	−0.3	9.7	9.7	92.3	0.892	0.871	0.807	85.1	−2.4	15.9	16.1	98.7	6.5	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
637	NW_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	85.1	1.0	0.5	1.2	26.6	2.5	360	1.0	1.0	1.0	96.3	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	−6.0	6.0	271.7	0.856	0.878	0.98	90.1	1.7	−6.2	6.5	285.7	1.9	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
639	Y11G_100_100de	0.875	1.0	0.0	1.0	1.0	0.5	97	0.905	1.0	0.0	92.4	−16.7	90.7	92.2	100.4	0.907	1.0	0.0	92.9	−17.6	92.7	94.4	100.7	2.2	94	0.905	1.0	0.0	92.4	−16.7	90.7	92.2	100.4
640	Y13G_100_087de	0.875	1.0	0.125	1.0	0.875	0.562	98	0.858	1.0	0.125	92.4	−16.5	80.3	82.0	101.6	0.875	1.0	0.125	91.2	−16.7	82.6	84.2	101.4	2.5	98	0.838	1.0	0.0	91.9	−18.9	91.8	93.7	101.6
641	Y15G_100_075de	0.875	1.0	0.25	1.0	0.75	0.625	99	0.842	1.0	0.25	92.0	−15.4	67.9	69.6	102.7	0.947	1.0	0.23	90.3	−15.9	65.1	67.0	103.8	3.3	101	0.79	1.0	0.0	90.5	−20.5	90.5	92.8	102.7
642	Y18G_100_062de	0.875	1.0	0.375	1.0	0.625	0.687	101	0.83	1.0	0.375	91.1	−14.7	54.5	56.4	105.1	0.905	0.994	0.387	90.9	−15.9	55.1	57.3	106.1	1.3	105	0.728	1.0	0.0	88.0	−23.5	87.2	90.3	105.1
643	Y23G_100_050de	0.875	1.0	0.5	1.0	0.5	0.75	104	0.836	1.0	0.5	90.3	−13.7	40.7	42.9	108.6	0.868	0.973	0.55	91.5	−15.6	46.0	48.6	108.7	5.8	108	0.672	1.0	0.0	84.2	−27.4	81.4	85.9	108.6
644	Y31G_100_037de	0.875	1.0	0.625	1.0	0.375	0.812	109	0.843	1.0	0.625	89.7	−12.4	27.3	30.0	114.4	0.844	0.97	0.682	92.4	−14.8	37.3	40.1	111.6	10.6	114	0.582	1.0	0.0	78.7	−33.1	72.8	80.0	114.4
645	Y50G_100_025de	0.875	1.0	0.75	1.0	0.25	0.875	120	0.844	1.0	0.75	89.6	−11.0	14.5	18.3	127.2	0.817	0.978	0.787	92.7	−12.5	24.9	27.9	116.6	10.9	128	0.376	1.0	0.0	69.4	−44.3	58.2	73.2	127.2
646	G00B_100_012de	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.896	91.1	−7.7	2.4	8.1	162.2	0.849	0.992	0.913	92.8	−8.4	8.8	12.2	133.5	6.6	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
647	G50B_100_012de	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	0.985	91.2	−4.7	−3.5	5.8	216.9	0.87	0.976	0.977	91.7	−5.4	−5.5	7.7	225.2	2.1	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9

Mean color difference of this page: delta 15.2

1-1132631-F0 RE650-7N, Page 27/33-F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to $cmy0^*_{de}$

see similar files: http://130.149.60.45/~farbmetrik/RE65/RE65.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-1132631-F0

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.DAT in file (F), page 28/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
648	R00Y_100_100de	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4	1.0	0.0	0.275	47.0	59.1	40.1	71.5	34.1	12.0	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
649	R38Y_100_100de	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.42	45.9	60.5	19.2	63.5	17.6	1.0	0.0	0.423	46.7	58.7	36.0	68.9	31.5	16.8	365	1.0	0.0	0.42	45.9	60.5	19.2	63.5	17.6
650	R26Y_100_100de	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.556	46.0	62.8	10.9	63.8	9.8	1.0	0.0	0.564	46.3	58.7	29.5	65.8	26.6	19.0	356	1.0	0.0	0.556	46.0	62.8	10.9	63.8	9.8
651	R13Y_100_100de	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.716	46.2	66.3	1.1	66.3	0.9	0.998	0.002	0.712	45.8	59.8	22.0	63.7	20.2	21.9	345	1.0	0.0	0.716	46.2	66.3	1.1	66.3	0.9
652	R00Y_100_100de	1.0	0.0	0.5	1.0	1.0	0.5	360	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0	0.993	0.0	1.0	46.0	61.4	14.2	63.1	13.0	25.4	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0
653	B68R_100_100de	1.0	0.0	0.625	1.0	1.0	0.5	352	0.931	0.0	1.0	45.7	67.0	−12.4	68.2	349.4	0.932	0.0	1.0	46.1	64.3	6.7	64.7	5.9	19.4	326	0.931	0.0	1.0	45.7	67.0	−12.4	68.2	349.4
654	B61R_100_100de	1.0	0.0	0.75	1.0	1.0	0.5	344	0.728	0.0	1.0	41.3	59.1	−19.3	62.2	341.8	0.727	0.0	1.0	46.3	66.8	−1.0	66.8	359.1	20.4	314	0.728	0.0	1.0	41.3	59.1	−19.3	62.2	341.8
655	B55R_100_100de	1.0	0.0	0.875	1.0	1.0	0.5	337	0.576	0.0	1.0	37.7	52.8	−24.3	58.2	335.2	0.579	0.0	1.0	46.9	69.7	−7.6	70.1	353.7	25.5	305	0.576	0.0	1.0	37.7	52.8	−24.3	58.2	335.2
656	B50R_100_100de	1.0	0.0	1.0	1.0	1.0	0.5	330	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6	0.444	0.0	1.0	47.6	69.9	−9.4	70.6	352.3	32.4	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
657	R11Y_100_100de	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.0	0.042	46.9	59.0	38.7	70.6	33.2	1.0	0.0	0.043	53.0	53.6	54.6	76.5	45.5	17.8	387	1.0	0.0	0.042	46.9	59.0	38.7	70.6	33.2
658	R00Y_100_087de	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.364	52.5	51.6	24.6	57.2	25.4	0.945	0.161	0.41	52.1	55.6	48.8	74.0	41.2	24.5	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
659	R36Y_100_087de	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.509	52.2	53.1	15.8	55.4	16.5	0.937	0.164	0.527	51.5	57.8	38.3	69.4	33.5	23.0	364	1.0	0.0	0.439	45.9	60.7	18.0	63.4	16.5
660	R23Y_100_087de	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.646	52.3	55.7	7.5	56.3	7.6	0.94	0.171	0.635	50.5	61.1	28.6	67.4	25.1	21.9	353	1.0	0.0	0.595	46.1	63.7	8.5	64.3	7.6
661	R08Y_100_087de	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.811	52.7	59.2	−2.4	59.3	357.6	0.94	0.172	0.757	50.0	63.7	19.8	66.7	17.2	22.8	341	1.0	0.0	0.784	46.4	67.7	−2.8	67.8	357.6
662	B70R_100_087de	1.0	0.125	0.625	1.0	0.875	0.562	355	0.999	0.125	1.0	53.7	61.2	−8.2	61.7	352.3	0.953	0.179	0.852	49.2	67.6	9.7	68.3	8.2	19.6	329	0.999	0.0	1.0	47.6	69.9	−9.4	70.5	352.3
663	B63R_100_087de	1.0	0.125	0.75	1.0	0.875	0.562	346	0.807	0.125	1.0	49.1	53.4	−15.5	55.7	343.7	0.798	0.143	0.912	49.6	70.0	−0.2	70.0	359.7	22.5	317	0.779	0.0	1.0	42.4	61.1	−17.7	63.6	343.7
664	B56R_100_087de	1.0	0.125	0.875	1.0	0.875	0.562	338	0.646	0.125	1.0	45.5	46.9	−20.7	51.2	336.1	0.601	0.133	0.869	50.1	71.9	−7.7	72.3	353.8	28.5	306	0.595	0.0	1.0	38.2	53.6	−23.6	58.6	336.1
665	B50R_100_087de	1.0	0.125	1.0	1.0	0.875	0.562	330	0.509	0.125	1.0	42.4	41.7	−25.5	48.9	328.6	0.479	0.122	0.853	51.6	67.3	−9.8	68.0	351.7	31.4	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
666	R23Y_100_100de	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.075	0.0	50.6	56.2	48.9	74.5	41.0	1.0	0.074	0.0	60.8	38.1	62.7	73.4	58.7	24.8	33	1.0	0.075	0.0	50.6	56.2	48.9	74.5	41.0
667	R13Y_100_087de	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.127	0.125	53.3	51.7	35.3	62.6	34.3	0.97	0.157	0.287	60.1	39.4	57.6	69.8	55.5	26.3	30	1.0	0.002	0.0	47.1	59.1	40.4	71.6	34.3
668	R00Y_100_075de	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.455	58.7	44.2	21.1	49.0	25.4	0.969	0.266	0.521	60.3	40.3	46.6	61.6	49.1	25.8	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
669	R35Y_100_075de	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.594	58.5	45.7	12.6	47.4	15.4	0.96	0.264	0.612	58.6	45.3	33.9	56.6	36.7	21.2	362	1.0	0.0	0.458	45.9	61.0	16.8	63.3	15.4
670	R18Y_100_075de	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.741	58.7	48.8	3.6	48.9	4.3	0.961	0.265	0.715	57.8	48.8	24.1	54.4	26.3	20.5	349	1.0	0.0	0.655	46.1	65.0	4.9	65.2	4.3
671	R00Y_100_075de	1.0	0.25	0.625	1.0	0.75	0.625	360	0.995	0.25	1.0	59.7	52.2	−7.2	52.7	352.0	0.968	0.265	0.852	57.9	51.6	13.0	53.2	14.1	20.4	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0
672	B65R_100_075de	1.0	0.25	0.75	1.0	0.75	0.625	349	0.896	0.25	1.0	57.0	48.0	−11.4	49.4	346.6	0.87	0.238	0.873	58.1	54.7	1.3	54.8	1.4	14.5	322	0.862	0.0	1.0	43.9	64.1	−15.2	65.8	346.6
673	B57R_100_075de	1.0	0.25	0.875	1.0	0.75	0.625	339	0.71	0.25	1.0	53.1	40.7	−17.1	44.2	337.1	0.723	0.25	0.903	59.3	56.5	−8.7	57.2	351.2	18.9	307	0.614	0.0	1.0	38.7	54.3	−22.9	58.9	337.1
674	B50R_100_075de	1.0	0.25	1.0	1.0	0.75	0.625	330	0.579	0.25	1.0	50.1	35.8	−21.8	41.9	328.6	0.562	0.234	0.856	60.8	53.6	−10.6	54.6	348.7	23.5	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
675	R36Y_100_100de	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.167	0.0	55.6	48.5	57.8	75.4	49.9	1.0	0.166	0.0	66.8	26.7	69.0	74.0	68.8	26.9	38	1.0	0.167	0.0	55.6	48.5	57.8	75.4	49.9
676	R26Y_100_087de	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.212	0.125	57.4	48.1	45.3	66.1	43.3	1.0	0.207	0.25	66.6	27.2	61.6	67.4	66.1	28.0	35	1.0	0.1	0.0	51.8	54.9	51.8	75.5	43.3
677	R15Y_100_075de	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.26	0.25	59.9	44.0	31.4	54.0	35.5	1.0	0.274	0.42	66.5	28.6	52.1	59.5	61.1	26.6	30	1.0	0.014	0.0	47.7	58.7	41.8	72.1	35.5
678	R00Y_100_062de	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.546	65.0	36.9	17.5	40.8	25.4	0.988	0.366	0.603	66.3	30.9	38.2	49.2	50.9	21.5	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
679	R31Y_100_062de	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.685	64.9	38.4	9.0	39.4	13.2	0.976	0.368	0.689	66.1	33.6	27.1	43.2	38.9	18.8	360	1.0	0.0	0.497	46.0	61.4	14.4	63.1	13.2
680	R11Y_100_062de	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.835	65.0	41.6	−0.1	41.6	359.8	0.976	0.364	0.791	65.8	37.0	16.7	40.6	24.2	17.4	344	1.0	0.0	0.736	46.2	66.6	−0.1	66.6	359.8
681	B69R_100_062de	1.0	0.375	0.75	1.0	0.625	0.687	353	0.971	0.375	1.0	65.1	42.5	−7.1	43.1	350.4	0.955	0.365	0.871	66.0	40.6	4.4	40.9	6.2	11.8	327	0.954	0.0	1.0	46.4	68.0	−11.5	69.0	350.4
682	B59R_100_062de	1.0	0.375	0.875	1.0	0.625	0.687	341	0.786	0.375	1.0	60.9	35.1	−13.4	37.6	339.0	0.791	0.375	0.903	66.9	43.4	−5.9	43.8	352.2	12.7	310	0.658	0.0	1.0	39.7	56.1	−21.5	60.1	339.0
683	B50R_100_062de	1.0	0.375	1.0	1.0	0.625	0.687	330	0.649	0.375	1.0	57.8	29.8	−18.2	34.9	328.6	0.656	0.365	0.889	68.0	43.4	−9.5	44.4	347.6	19.0	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
684	R50Y_100_100de	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8	1.0	0.253	0.0	72.1	16.6	73.6	75.5	77.2	26.3	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
685	R41Y_100_087de	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.299	0.125	62.4	39.0	52.4	65.3	53.3	1.0	0.287	0.24	72.6	16.2	67.0	68.9	76.3	28.9	40	1.0	0.198	0.0	57.6	44.6	59.9	74.6	53.3
686	R31Y_100_075de	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.351	0.25	64.3	39.2	41.5	57.2	46.6	1.0	0.331	0.366	72.9	17.5	52.8	55.6	71.6	25.9	37	1.0	0.135	0.0	53.6	52.3	55.4	76.2	46.6
687	R18Y_100_062de	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.399	0.375	66.7	36.1	27.9	45.6	37.7	1.0	0.374	0.501	72.6	19.6	41.9	46.3	64.9	22.4	31	1.0	0.039	0.0	48.9	57.8	44.7	73.0	37.7
688	R00Y_100_050de	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.636	71.3	29.5	14.0	32.7	25.4	1.0	0.466	0.673	73.3	21.0	30.8	37.3	55.6	18.8	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
689	R26Y_100_050de	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.778	71.2	31.4	5.4	31.9	9.8	0.99	0.471	0.758	73.4	23.9	19.8	31.1	39.6	16.3	356	1.0	0.0	0.556	46.0	62.8	10.9	63.8	9.8
690	R00Y_100_050de	1.0	0.5	0.75	1.0	0.5	0.75	360	0.996	0.5	1.0	71.9	34.8	−4.8	35.1	352.0	0.992	0.477	0.879	73.2	28.6	7.3	29.5	14.3	13.7	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0
691	B61R_100_050de	1.0	0.5	0.875	1.0	0.5	0.75	344	0.864	0.5	1.0	68.8	29.5	−9.6	31.1	341.8	0.857	0.491	0.906	73.3	33.0	−4.1	33.2	352.9	7.9	314	0.728	0.0	1.0	41.3	59.1	−19.3	62.2	341.8
692	B50R_100_050de	1.0	0.5	1.0	1.0	0.5	0.75	330	0.719	0.5	1.0	65.5	23.8	−14.5	27.9	328.6	0.732	0.501	0.919	73.4	35.0	−8.6	36.1	346.1	14.9	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
693	R63Y_100_100de	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.362	0.0	66.2	27.9	68.4	73.9	67.8	1.0	0.363	0.0	76.1	9.8	77.6	78.3	82.8	22.6	50	1.0	0.362	0.0	66.2	27.9	68.4	73.9	67.8
694	R58Y_100_087de	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.405	0.125	68.2	27.8	58.2	64.5	64.4	1.0	0.398	0.217	77.4	7.9	70.1	70.5	83.5	24.9	48	1.0	0.32	0.0	64.2	31.7	66.5	73.7	64.4
695	R50Y_100_075de	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.439	0.25	69.7	28.4	47.1	55.0	58.8	1.0	0.422	0.341	77.7	8.9	57.2	57.9	81.0	23.3	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
696	R38Y_100_062de	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.486	0.375	71.3	29.5	36.5	47.0	51.0	1.0	0.441	0.461	78.1	10.4	44.8	46.0	76.9	21.8	39	1.0	0.177	0.0	56.3	47.2	58.5	75.2	51.0
697	R23Y_100_050de	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.537	0.5	73.5	28.1	24.4	37.2	41.0	1.0	0.477	0.591	78.7	12.0	33.9	36.0	70.5	19.4	33	1.0	0.075	0.0	50.6	56.2	48.9	74.5	41.0
698	R00Y_100_037de	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.727	77.5	22.1	10.5	24.5	25.4	1.0	0.582	0.736	78.9	14.8	22.6	27.0	56.7	14.1	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
699	R18Y_100_037de	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.87	77.5	24.4	1.8	24.4	4.3	0.997	0.589	0.824	79.2	18.9	9.9	21.4	27.5	9.8	349	1.0	0.0	0.655	46.1	65.0	4.9	65.2	4.3
700	B65R_100_037de	1.0	0.625	0.875	1.0	0.375	0.812	349	0.948	0.625	1.0	76.7	24.0	−5.7	24.7	346.6	0.947	0.611	0.91	79.4	23.7	−2.4	23.8	354.1	4.2	322	0.862	0.0	1.0	43.9	64.1	−15.2	65.8	346.6
701	B50R_100_037de	1.0	0.625	1.0	1.0	0.375	0.812	330	0.789	0.625	1.0	73.2	17.9	−10.9	20.9	328.6	0.806	0.628	0.931	79.2	26.4	−7.4	27.4	344.1	10.9	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
702	R76Y_100_100de	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.492	0.0	71.8	17.3	73.4	75.4	76.7	1.0	0.494	0.0	82.6	−0.9	79.7	79.7	90.6	22.1	59	1.0	0.492	0.0	71.8	17.3	73.4	75.4	76.7
703	R73Y_100_087de	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.526	0.125	73.6	17.5	63.2	65.6	74.4	1.0	0.507	0.182	82.9	−0.4	67.4	67.4	90.3	20.6	57	1.0	0.459	0.0	70.4	20.0	72.2	75.0	74.4
704	R68Y_100_075de	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.556	0.25	75.3	18.0	52.8	55.8	71.1	1.0	0.5	0.25	82.9	0.6	59.1	59.1	89.4	20.0	54	1.0	0.409	0.0	68.3	24.0	70.4	74.4	71.1
705	R61Y_100_062de	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.592	0.375	77.1	18.2	42.4	46.1	66.6	1.0	0.559	0.376	82.9	2.3	49.3	49.4	87.3	18.3	50	1.0	0.348	0.0	65.5	29.2	67.8	73.8	66.6
706	R50Y_100_050de	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.626	0.5	78.6	18.9	31.4	36.7	58.8	1.0	0.567	0.501	83.6	3.1	41.0	41.1	85.6	19.1	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
707	R31Y_100_037de	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.675	0.625	80.3	19.6	20.7	28.6	46.6	1.0	0.599	0.655	84.2	5.7	28.8	29.4	78.8	16.5	37	1.0	0.135	0.0	53.6	52.3	55.4	76.2	46.6
708	R00Y_100_025de	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.818	83.8	14.7	7.0	16.3	25.4	1.0	0.71	0.812	85.7	8.0	15.0	17.0	62.0	10.6	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
709	R00Y_100_025de	1.0	0.75	0.875	1.0	0.25	0.875	360	0.998	0.75	1.0	84.1	17.4	−2.4	17.5	352.0	1.0	0.732	0.929	84.5	15.2	1.0	15.2	3.7	4.1	329	0.993	0.0	1.0	47.4	69.7	−9.7	70.3	352.0
710	B50R_100_025de	1.0	0.75	1.0	1.0	0.25	0.875	330	0.859	0.75	1.0	80.9	11.9	−7.2	13.9	328.6	0.864	0.748	0.943	85.1	17.7	−5.9	18.6	341.4	7.2	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
711	R88Y_100_100de	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.652	0.0	77.5	7.5	78.2	78.6	84.5	1.0	0.65	0.0	86.7	−6.8	75.1	75.4	95.2	17.3	69	1.0	0.652	0.0	77.5	7.5	78.2	78.6	84.5
712	R86Y_100_087de	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.68	0.125	79.0	7.8	68.1	68.6	83.4	1.0	0.642	0.157	87.2	−7.0	69.2	69.6	95.7	16.9	68	1.0	0.634	0.0	76.6	9.0	77.9	78.4	83.4
713	R85Y_100_075de	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.709	0.25	80.9	7.8	58.0	58.5	82.2	1.0	0.67	0.25	87.3	−5.7	59.5	59.8	95.5	15.1	67	1.0	0.613	0.0	75.7	10.4	77.3	78.0	82.2
714	R81Y_100_062de	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.727	0.375	82.5	8.3	47.3	48.0	80.0	1.0	0.69	0.376	87.3	−4.4	51.3	51.5	94.9	14.2	64	1.0	0.563	0.0	74.1	13.2	75.7	76.9	80.0
715	R76Y_100_050de	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.746	0.5	84.1	8.6	36.7	37.7	76.7	1.0	0.698	0.501	87.8	−3.3	43.4	43.6	94.3	14.2	59	1.0	0.492	0.0	71.8	17.3	73.4	75.4	76.7
716	R68Y_100_037de	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.778	0.625	85.8	9.0	26.4	27.9	71.1	1.0	0.749	0.65	88.3	−1.6	34.6	34.6	92.7	13.7	54	1.0	0.409	0.0	68.3	24.0	70.4	74.4	71.1
717	R50Y_100_025de	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.813	0.75	87.4	9.4	15.7	18.3	58.8	1.0	0.749	0.748	91.1	−2.2	23.4	23.5	95.3	14.4	44	1.0	0.252	0.0	60.9	37.9	62.8	73.4	58.8
718	R00Y_100_012de	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.909	90.0	7.3	3.5	8.1	25.4	1.0	0.848	0.924	90.9	3.0	9.6	10.0	72.5	7.5	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
719	B50R_100_012de	1.0	0.875	1.0	1.0	0.125	0.937	330	0.929	0.875	1.0	88.6	5.9	−3.6	6.9	328.6	0.925	0.847	0.971	91.7	7.6	−3.0	8.2	338.1	3.5	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
720	Y00G_100_100de	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3	0.993	0.793	0.004	91.1	−14.2	84.3	85.4	99.5	14.5	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
721	Y00G_100_087de	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.82	0.125	85.6	−2.7	68.3	68.4	92.3	1.0	0.809	0.125	91.3	−13.9	76.9	78.2	100.2	15.2	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
722	Y00G_100_075de	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.846	0.25	87.1	−2.3	58.5	58.6	92.3	1.0	0.844	0.275	91.6	−12.4	63.8	65.0	101.0	12.2	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
723	Y00G_100_062de	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.871	0.375	88.6	−1.9	48.8	48.8	92.3	1.0	0.873	0.443	92.4	−12.7	56.8	58.2	102.5	13.9	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
724	Y00G_100_050de	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.897	0.5	90.2	−1.5	39.0	39.0	92.3	1.0	0.891	0.595	93.1	−11.6	47.8	49.2	103.7	13.7	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
725	Y00G_100_037de	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.923	0.625	91.7	−1.1	29.2	29.3	92.3	1.0	0.874	0.704	93.5	−10.2	39.1	40.4	104.6	13.4	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
726	Y00G_100_025de	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.948	0.75	93.2	−0.7	19.5	19.5	92.3	1.0	0.9	0.819	95.0	−10.0	30.9	32.5	108.0	14.8	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
727	Y00G_100_012de	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.974	0.875	94.8	−0.3	9.7	9.7	92.3	1.0	0.955	0.925	95.5	−6.7	18.6	19.8	110.0	10.9	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
728	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 18.2

1-1132731-F0 RE650-7N, Page 28/33-F

TUB-test chart RE65; 1080 standard colours, cf=1
colors and differences, $\Delta E'^*$

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmy0^*_{de}$

1-1132731-F0

TUB registration: 20150701-RE65/RE65L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmy0* (CMY0)

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.DAT in file (F), page 29/33

n	HIC*$_{Fde}$	rgb_$_{Fde}$			ict_$_{Fde}$			$h_{si\_F,de}$	rgb*$_{Fde}$			LabCh*$_{Fde}$					rgb'*$_{Fde}$			LabCh'*$_{Fde}$					DE'*$_{Fde}$	$h_{siM,de}$	rgb*$_{Mde}$			LabCh*$_{Mde}$				
729	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	−0.2	−0.1	0.2	218.1	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
730	G50B_100_012$_{de}$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	0.985	91.2	−4.7	−3.5	5.8	216.9	0.87	0.976	0.977	91.6	−5.2	−6.3	8.2	230.2	2.8	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
731	G50B_100_025$_{de}$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	0.97	86.2	−9.4	−7.0	11.7	216.9	0.744	0.958	0.937	85.8	−9.1	−13.3	16.1	235.6	6.2	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
732	G50B_100_037$_{de}$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	0.955	81.1	−14.1	−10.6	17.6	216.9	0.61	0.97	0.894	81.1	−12.1	−18.5	22.1	236.7	8.1	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
733	G50B_100_050$_{de}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.94	76.1	−18.8	−14.1	23.5	216.9	0.5	0.943	0.867	75.5	−15.4	−24.3	28.8	237.5	10.7	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
734	G50B_100_062$_{de}$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	0.925	71.0	−23.5	−17.7	29.4	216.9	0.369	0.967	0.864	69.8	−19.1	−28.5	34.3	236.2	11.8	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
735	G50B_100_075$_{de}$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	0.91	66.0	−28.2	−21.2	35.3	216.9	0.269	1.0	0.874	61.2	−25.5	−34.0	42.6	233.0	13.9	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
736	G50B_100_087$_{de}$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	0.895	60.9	−32.9	−24.8	41.2	216.9	0.168	1.0	0.874	55.8	−30.2	−37.1	47.9	230.8	13.6	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
737	G50B_100_100$_{de}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9	0.0	1.0	0.875	52.5	−32.2	−39.6	51.1	230.8	12.9	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
738	R00Y_100_012$_{de}$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.909	90.0	7.3	3.5	8.1	25.4	1.0	0.848	0.924	91.5	3.3	6.8	7.5	63.8	5.4	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
739	NW_087$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	86.7	1.1	0.0	1.1	4.6	1.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
740	G50B_087_012$_{de}$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.86	82.3	−4.7	−3.5	5.8	216.9	0.754	0.864	0.863	84.0	−5.7	−5.5	7.9	223.8	2.8	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
741	G50B_087_025$_{de}$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.845	77.2	−9.4	−7.0	11.7	216.9	0.621	0.837	0.825	79.6	−10.1	−11.9	15.6	229.6	5.4	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
742	G50B_087_037$_{de}$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.83	72.2	−14.1	−10.6	17.6	216.9	0.501	0.806	0.784	75.5	−15.6	−16.9	23.0	227.2	7.3	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
743	G50B_087_050$_{de}$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.815	67.1	−18.8	−14.1	23.5	216.9	0.373	0.796	0.76	70.6	−19.5	−22.3	29.7	228.8	8.9	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
744	G50B_087_062$_{de}$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.8	62.1	−23.5	−17.7	29.4	216.9	0.235	0.794	0.739	64.7	−23.4	−25.3	34.4	227.2	8.0	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
745	G50B_087_075$_{de}$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.785	57.0	−28.2	−21.2	35.3	216.9	0.118	0.739	0.71	60.1	−30.0	−28.3	41.3	223.2	7.9	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
746	G50B_087_087$_{de}$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.77	52.0	−32.9	−24.8	41.2	216.9	0.026	0.64	0.65	52.5	−36.3	−35.2	50.6	224.0	10.9	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
747	R00Y_100_025$_{de}$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.818	83.8	14.7	7.0	16.3	25.4	1.0	0.71	0.812	86.8	7.7	11.6	13.9	56.4	8.9	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
748	R00Y_087_012$_{de}$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.784	81.1	7.3	3.5	8.1	25.4	0.888	0.787	0.826	80.0	6.5	8.2	10.5	51.2	4.8	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
749	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	74.6	2.5	1.6	3.0	33.1	4.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
750	G50B_075_012$_{de}$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.735	73.3	−4.7	−3.5	5.8	216.9	0.635	0.767	0.777	72.2	−3.8	−2.9	4.8	217.4	1.5	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
751	G50B_075_025$_{de}$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.72	68.3	−9.4	−7.0	11.7	216.9	0.51	0.728	0.722	69.7	−9.9	−9.7	13.9	224.4	3.0	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
752	G50B_075_037$_{de}$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.705	63.2	−14.1	−10.6	17.6	216.9	0.384	0.702	0.687	65.9	−15.0	−14.9	21.2	224.7	5.1	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
753	G50B_075_050$_{de}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.69	58.1	−18.8	−14.1	23.5	216.9	0.257	0.69	0.653	60.9	−18.9	−19.8	27.4	226.3	6.3	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
754	G50B_075_062$_{de}$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.675	53.1	−23.5	−17.7	29.4	216.9	0.123	0.645	0.617	57.4	−26.1	−23.7	35.3	222.2	7.8	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
755	G50B_075_075$_{de}$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.66	48.0	−28.2	−21.2	35.3	216.9	0.026	0.552	0.558	52.5	−40.9	−29.5	50.4	215.8	15.7	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
756	R00Y_100_037$_{de}$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.727	77.5	22.1	10.5	24.5	25.4	1.0	0.582	0.736	80.6	13.1	19.8	23.8	56.4	13.2	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
757	R00Y_087_025$_{de}$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.693	74.8	14.7	7.0	16.3	25.4	0.9	0.642	0.754	75.4	9.6	15.6	18.4	58.3	10.0	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
758	R00Y_075_012$_{de}$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.659	72.1	7.3	3.5	8.1	25.4	0.784	0.698	0.741	69.5	7.2	7.6	10.5	46.3	4.8	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
759	NW_062$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	69.4	0.0	0.0	0.0	0.0	0.643	0.697	0.709	63.3	2.5	1.2	2.8	25.8	6.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
760	G50B_062_012$_{de}$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.61	64.3	−4.7	−3.5	5.8	216.9	0.522	0.664	0.666	61.1	−2.2	−2.3	3.3	226.2	4.1	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
761	G50B_062_025$_{de}$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.595	59.3	−9.4	−7.0	11.7	216.9	0.399	0.624	0.618	59.8	−10.0	−9.1	13.5	222.2	2.1	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
762	G50B_062_037$_{de}$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.58	54.2	−14.1	−10.6	17.6	216.9	0.274	0.591	0.571	55.7	−16.0	−14.5	21.6	222.2	4.6	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
763	G50B_062_050$_{de}$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.565	49.2	−18.8	−14.1	23.5	216.9	0.138	0.546	0.527	53.3	−20.3	−18.3	27.3	221.9	6.0	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
764	G50B_062_062$_{de}$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.55	44.1	−23.5	−17.7	29.4	216.9	0.026	0.48	0.471	51.7	−36.0	−24.7	43.7	214.4	16.1	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
765	R00Y_100_050$_{de}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.636	71.3	29.5	14.0	32.7	25.4	1.0	0.466	0.673	74.3	19.9	28.0	34.4	54.6	17.2	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
766	R00Y_087_037$_{de}$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.602	68.5	22.1	10.5	24.5	25.4	0.89	0.488	0.67	70.3	14.8	20.5	25.3	54.1	12.5	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
767	R00Y_075_025$_{de}$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.568	65.8	14.7	7.0	16.3	25.4	0.775	0.533	0.64	64.7	10.7	14.3	17.9	53.1	8.4	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
768	R00Y_062_012$_{de}$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.534	63.1	7.3	3.5	8.1	25.4	0.651	0.564	0.609	58.2	8.2	7.2	10.9	41.3	6.2	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
769	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	60.4	0.0	0.0	0.0	0.0	0.533	0.596	0.601	53.7	1.9	2.7	3.3	54.1	7.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
770	G50B_050_012$_{de}$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.485	55.4	−4.7	−3.5	5.8	216.9	0.395	0.544	0.545	51.5	−2.3	−2.3	3.3	224.7	4.6	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
771	G50B_050_025$_{de}$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.47	50.3	−9.4	−7.0	11.7	216.9	0.284	0.502	0.497	51.2	−11.6	−8.6	14.4	216.4	2.8	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
772	G50B_050_037$_{de}$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.455	45.3	−14.1	−10.6	17.6	216.9	0.157	0.455	0.453	48.8	−16.4	−13.6	21.4	219.6	5.1	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
773	G50B_050_050$_{de}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.44	40.2	−18.8	−14.1	23.5	216.9	0.019	0.384	0.381	45.9	−25.8	−19.2	32.2	216.6	10.3	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
774	R00Y_100_062$_{de}$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.546	65.0	36.9	17.5	40.8	25.4	0.988	0.366	0.603	66.5	30.7	36.3	47.6	49.7	19.8	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
775	R00Y_087_050$_{de}$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.511	62.3	29.5	14.0	32.7	25.4	0.881	0.352	0.57	64.1	22.8	25.8	34.4	48.5	13.6	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
776	R00Y_075_037$_{de}$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.477	59.6	22.1	10.5	24.5	25.4	0.766	0.366	0.531	60.0	16.6	18.7	25.1	48.3	9.8	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
777	R00Y_062_025$_{de}$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.443	56.9	14.7	7.0	16.3	25.4	0.636	0.376	0.475	54.0	12.7	13.1	18.2	45.9	7.0	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
778	R00Y_050_012$_{de}$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.409	54.2	7.3	3.5	8.1	25.4	0.527	0.425	0.475	49.7	8.2	5.8	10.1	35.2	5.0	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
779	NW_037$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	44.6	2.1	1.6	2.7	37.0	7.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
780	G50B_037_012$_{de}$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.36	46.4	−4.7	−3.5	5.8	216.9	0.292	0.428	0.435	43.4	−3.1	−1.9	3.7	211.7	3.7	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
781	G50B_037_025$_{de}$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.345	41.3	−9.4	−7.0	11.7	216.9	0.174	0.378	0.388	43.6	−12.9	−9.3	15.9	215.7	4.7	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
782	G50B_037_037$_{de}$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.33	36.3	−14.1	−10.6	17.6	216.9	0.027	0.289	0.3	42.6	−18.1	−13.7	22.7	217.0	8.0	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
783	R00Y_100_075$_{de}$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.455	58.7	44.2	21.1	49.0	25.4	0.969	0.266	0.521	60.8	38.8	47.2	61.2	50.5	26.8	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
784	R00Y_087_062$_{de}$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.421	56.0	36.9	17.5	40.8	25.4	0.862	0.226	0.47	59.0	30.5	35.5	46.8	49.2	19.2	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
785	R00Y_075_050$_{de}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.386	53.3	29.5	14.0	32.7	25.4	0.755	0.23	0.415	54.1	25.0	24.2	34.9	44.0	11.1	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
786	R00Y_062_037$_{de}$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.352	50.6	22.1	10.5	24.5	25.4	0.623	0.24	0.345	50.0	19.3	18.3	26.6	43.5	8.3	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
787	R00Y_050_025$_{de}$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.318	47.9	14.7	7.0	16.3	25.4	0.514	0.257	0.332	45.5	14.0	10.5	17.5	36.8	4.2	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
788	R00Y_037_012$_{de}$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.284	45.2	7.3	3.5	8.1	25.4	0.393	0.296	0.331	41.6	9.6	4.9	10.8	27.0	4.4	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
789	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	37.8	3.0	0.9	3.2	17.3	5.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
790	G50B_025_012$_{de}$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.235	37.4	−4.7	−3.5	5.8	216.9	0.167	0.289	0.295	38.9	−4.5	−3.2	5.5	215.4	1.4	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
791	G50B_025_025$_{de}$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.22	32.4	−9.4	−7.0	11.7	216.9	0.012	0.18	0.2	38.1	−14.1	−9.1	16.8	212.7	7.7	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
792	R00Y_100_087$_{de}$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.364	52.5	51.6	24.6	57.2	25.4	0.945	0.161	0.41	52.4	54.7	47.6	72.5	41.0	23.2	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
793	R00Y_087_075$_{de}$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.33	49.8	44.2	21.1	49.0	25.4	0.84	0.13	0.351	51.4	45.3	41.5	61.5	42.5	20.5	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
794	R00Y_075_062$_{de}$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.296	47.1	36.9	17.5	40.8	25.4	0.731	0.117	0.29	47.8	34.6	29.9	45.8	40.8	12.6	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
795	R00Y_062_050$_{de}$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.261	44.3	29.5	14.0	32.7	25.4	0.589	0.114	0.215	43.8	28.2	22.8	36.3	38.9	8.8	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
796	R00Y_050_037$_{de}$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.227	41.6	22.1	10.5	24.5	25.4	0.459	0.107	0.161	41.1	22.2	15.6	27.2	35.2	5.1	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
797	R00Y_037_025$_{de}$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.193	38.9	14.7	7.0	16.3	25.4	0.35	0.123	0.144	38.4	15.8	9.7	18.6	31.5	2.9	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
798	R00Y_025_012$_{de}$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.159	36.2	7.3	3.5	8.1	25.4	0.282	0.194	0.189	34.1	10.4	3.5	11.0	18.7	3.7	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
799	NW_012$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	33.5	0.0	0.0	0.0	0.0	0.151	0.194	0.187	30.7	1.5	1.0	1.8	35.2	3.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
800	G50B_012_012$_{de}$	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.11	28.4	−4.7	−3.5	5.8	216.9	0.0	0.05	0.061	33.5	−6.4	−2.3	6.8	199.7	5.4	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
801	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4	1.0	0.0	0.275	46.7	58.8	39.0	70.5	33.5	10.8	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
802	R00Y_087_087$_{de}$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.239	43.5	51.6	24.6	57.2	25.4	0.815	0.021	0.214	43.2	54.1	34.2	64.0	32.3	9.9	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
803	R00Y_075_075$_{de}$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.205	40.8	44.2	21.1	49.0	25.4	0.679	0.022	0.159	40.3	50.7	33.8	61.0	33.7	14.3	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
804	R00Y_062_062$_{de}$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.171	38.1	36.9	17.5	40.8	25.4	0.546	0.0	0.071	38.2	40.9	26.7	48.9	33.1	10.0	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
805	R00Y_050_050$_{de}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.136	35.4	29.5	14.0	32.7	25.4	0.431	0.0	0.0	35.8	31.5	17.7	36.1	29.3	4.2	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
806	R00Y_037_037$_{de}$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.102	32.7	22.1	10.5	24.5	25.4	0.336	0.0	0.0	33.6	24.6	11.5	27.2	25.1	2.8	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
807	R00Y_025_025$_{de}$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.068	30.0	14.7	7.0	16.3	25.4	0.258	0.0	0.0	30.9	16.8	6.8	18.1	22.0	2.2	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
808	R00Y_012_012$_{de}$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.034	27.2	7.3	3.5	8.1	25.4	0.145	0.019	0.005	27.8	9.0	2.3	9.3	14.7	2.0	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
809	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.6	0.3	−0.3	0.5	312.1	2.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 8.0

1-1132831-F0

RE650−7N, Page 29/33−F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'*$

input: *rgb/cmyk −> rgb*$_{de}$
output: 3D-linearization to *cmy0**$_{de}$

1-1132831-F0

TUB registration: 20150701-RE65/RE65L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmy0* (CMY0)

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.DAT in file (F), page 30/33

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				
810	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.5	−0.3	0.2	0.4	140.1	0.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
811	B00R_100_012de	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.91	1.0	88.9	0.1	−6.0	6.0	271.7	0.856	0.878	0.98	89.5	1.8	−6.3	6.5	286.6	1.8	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
812	B00R_100_025de	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.82	1.0	81.6	0.3	−12.0	12.0	271.7	0.754	0.791	0.972	80.6	3.7	−14.0	14.5	284.8	4.0	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
813	B00R_100_037de	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.73	1.0	74.2	0.5	−18.0	18.0	271.7	0.658	0.726	0.966	69.6	7.5	−21.4	22.7	289.4	9.0	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
814	B00R_100_050de	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.64	1.0	66.8	0.7	−24.0	24.0	271.7	0.544	0.656	0.959	57.7	11.9	−28.7	31.1	292.5	15.1	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
815	B00R_100_062de	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.55	1.0	59.4	0.9	−30.0	30.0	271.7	0.434	0.584	0.961	47.9	17.3	−33.9	38.0	297.1	20.4	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
816	B00R_100_075de	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.46	1.0	52.1	1.0	−36.0	36.1	271.7	0.313	0.517	0.971	39.2	21.3	−38.4	43.9	299.0	24.1	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
817	B00R_100_087de	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.37	1.0	44.7	1.2	−42.0	42.1	271.7	0.182	0.42	0.985	35.4	22.6	−40.1	46.0	299.3	23.3	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
818	B00R_100_100de	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7	0.0	0.25	0.875	31.7	23.4	−41.5	47.6	299.4	23.6	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
819	Y00G_100_012de	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.974	0.875	94.8	−0.3	9.7	9.7	92.3	1.0	0.955	0.925	95.8	−6.3	16.8	17.9	110.7	9.2	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
820	NW_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	87.4	0.8	1.2	1.5	56.5	1.5	360	1.0	1.0	1.0	96.3	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	80.0	0.1	−6.0	6.0	271.7	0.767	0.814	0.884	77.5	4.8	−7.2	8.7	304.0	5.4	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
822	B00R_087_025de	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.695	0.875	72.6	0.3	−12.0	12.0	271.7	0.657	0.731	0.872	69.5	7.7	−15.2	17.0	296.7	8.6	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
823	B00R_087_037de	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.605	0.875	65.2	0.5	−18.0	18.0	271.7	0.526	0.629	0.849	61.0	10.4	−22.9	25.2	294.5	11.8	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
824	B00R_087_050de	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.515	0.875	57.8	0.7	−24.0	24.0	271.7	0.392	0.526	0.834	51.9	15.4	−30.9	34.5	296.4	17.2	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
825	B00R_087_062de	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.425	0.875	50.5	0.9	−30.0	30.0	271.7	0.237	0.385	0.816	44.5	17.6	−36.6	40.7	295.7	18.9	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
826	B00R_087_075de	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.335	0.875	43.1	1.0	−36.0	36.1	271.7	0.078	0.25	0.776	38.1	19.4	−39.9	44.3	295.9	19.3	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
827	B00R_087_087de	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.245	0.875	35.7	1.2	−42.0	42.1	271.7	0.0	0.25	0.875	32.9	20.4	−42.6	47.3	295.6	19.3	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
828	Y00G_100_025de	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.948	0.75	93.2	−0.7	19.5	19.5	92.3	1.0	0.9	0.819	95.2	−9.7	28.6	30.2	108.8	12.9	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
829	Y00G_087_012de	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.849	0.75	85.8	−0.3	9.7	9.7	92.3	0.892	0.871	0.807	86.7	−1.7	13.9	14.0	97.1	4.5	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
830	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	75.6	2.5	1.7	3.1	34.7	4.1	360	1.0	1.0	1.0	96.3	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	71.0	0.1	−6.0	6.0	271.7	0.646	0.715	0.792	67.1	5.8	−6.3	8.5	312.6	6.8	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
832	B00R_075_025de	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.57	0.75	63.6	0.3	−12.0	12.0	271.7	0.528	0.615	0.76	59.9	7.7	−12.5	14.7	301.5	8.2	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
833	B00R_075_037de	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.48	0.75	56.2	0.5	−18.0	18.0	271.7	0.39	0.496	0.745	52.4	9.5	−19.6	21.8	295.9	9.9	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
834	B00R_075_050de	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.39	0.75	48.9	0.7	−24.0	24.0	271.7	0.222	0.341	0.722	47.0	10.3	−26.4	28.4	291.4	10.1	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
835	B00R_075_062de	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.3	0.75	41.5	0.9	−30.0	30.0	271.7	0.058	0.18	0.655	42.1	13.2	−32.2	34.8	292.2	12.5	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
836	B00R_075_075de	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.21	0.75	34.1	1.0	−36.0	36.1	271.7	0.0	0.125	0.623	35.6	17.1	−39.9	43.5	293.2	16.6	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
837	Y00G_100_037de	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.923	0.625	91.7	−1.1	29.2	29.3	92.3	1.0	0.874	0.704	93.6	−9.8	36.6	38.0	105.0	11.5	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
838	Y00G_087_025de	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.823	0.625	84.3	−0.7	19.5	19.5	92.3	0.896	0.843	0.712	86.6	−5.2	27.0	27.5	100.9	9.0	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
839	Y00G_075_012de	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.724	0.625	76.8	−0.3	9.7	9.7	92.3	0.781	0.79	0.716	76.8	−1.3	12.3	12.4	96.1	2.7	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
840	NW_062de	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	69.4	0.0	0.0	0.0	0.0	0.643	0.697	0.709	65.3	2.3	1.5	2.8	33.7	4.9	360	1.0	1.0	1.0	96.3	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	62.0	0.1	−6.0	6.0	271.7	0.531	0.609	0.683	57.1	6.0	−5.8	8.4	315.6	7.6	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
842	B00R_062_025de	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.445	0.625	54.6	0.3	−12.0	12.0	271.7	0.398	0.494	0.645	50.7	6.6	−12.8	14.4	297.1	7.4	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
843	B00R_062_037de	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.355	0.625	47.3	0.5	−18.0	18.0	271.7	0.242	0.33	0.614	45.2	8.0	−19.9	21.4	291.9	7.9	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
844	B00R_062_050de	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.265	0.625	39.9	0.7	−24.0	24.0	271.7	0.093	0.175	0.558	41.9	9.3	−26.1	27.8	289.6	9.1	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
845	B00R_062_062de	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.175	0.625	32.5	0.9	−30.0	30.0	271.7	0.0	0.0	0.489	38.0	10.2	−31.6	33.2	287.9	10.9	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
846	Y00G_100_050de	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.897	0.5	90.2	−1.5	39.0	39.0	92.3	1.0	0.891	0.595	93.1	−11.2	45.2	46.6	104.0	11.9	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
847	Y00G_087_037de	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.798	0.5	82.7	−1.1	29.2	29.3	92.3	0.895	0.815	0.603	86.7	−7.0	36.7	37.4	100.8	10.3	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
848	Y00G_075_025de	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.698	0.5	75.3	−0.7	19.5	19.5	92.3	0.785	0.748	0.599	76.2	−3.5	24.0	24.3	98.4	5.4	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
849	Y00G_062_012de	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.599	0.5	67.9	−0.3	9.7	9.7	92.3	0.659	0.667	0.581	65.5	−0.4	11.1	11.1	92.4	2.7	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
850	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	60.4	0.0	0.0	0.0	0.0	0.533	0.596	0.601	54.8	1.7	2.9	3.4	59.6	6.5	360	1.0	1.0	1.0	96.3	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	53.0	0.1	−6.0	6.0	271.7	0.401	0.483	0.56	47.0	5.1	−4.9	7.1	315.7	7.8	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
852	B00R_050_025de	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.32	0.5	45.7	0.3	−12.0	12.0	271.7	0.279	0.349	0.536	42.5	5.2	−13.0	14.1	291.8	5.9	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
853	B00R_050_037de	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.23	0.5	38.3	0.5	−18.0	18.0	271.7	0.144	0.2	0.475	38.3	5.9	−21.3	22.1	285.4	6.3	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
854	B00R_050_050de	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.14	0.5	30.9	0.7	−24.0	24.0	271.7	0.0	0.009	0.376	36.0	6.3	−25.5	26.3	283.8	7.6	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
855	Y00G_100_062de	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.871	0.375	88.6	−1.9	48.8	48.8	92.3	1.0	0.873	0.443	92.7	−12.7	54.7	56.1	103.0	12.9	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
856	Y00G_087_050de	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.772	0.375	81.2	−1.5	39.0	39.0	92.3	0.888	0.777	0.453	86.7	−9.1	47.8	48.7	100.8	12.8	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
857	Y00G_075_037de	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.673	0.375	73.8	−1.1	29.2	29.3	92.3	0.776	0.703	0.462	77.4	−6.8	35.2	35.8	101.0	8.9	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
858	Y00G_062_025de	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.573	0.375	66.3	−0.7	19.5	19.5	92.3	0.657	0.622	0.436	66.5	−3.4	22.1	22.3	98.8	3.7	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
859	Y00G_050_012de	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.474	0.375	58.9	−0.3	9.7	9.7	92.3	0.544	0.549	0.455	55.3	−0.7	10.7	10.7	93.7	3.7	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
860	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	44.3	2.1	1.8	2.7	40.6	7.7	360	1.0	1.0	1.0	96.3	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	44.1	0.1	−6.0	6.0	271.7	0.296	0.357	0.456	39.3	4.1	−4.2	5.9	314.2	6.4	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
862	B00R_037_025de	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.195	0.375	36.7	0.3	−12.0	12.0	271.7	0.163	0.218	0.398	37.0	3.9	−14.6	15.1	285.1	4.4	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
863	B00R_037_037de	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.105	0.375	29.3	0.5	−18.0	18.0	271.7	0.0	0.017	0.306	31.7	4.1	−21.3	21.7	280.8	5.3	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
864	Y00G_100_075de	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.846	0.25	87.1	−2.3	58.5	58.6	92.3	1.0	0.844	0.275	91.6	−12.5	63.1	64.3	101.2	12.0	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
865	Y00G_087_062de	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.746	0.25	79.7	−1.9	48.8	48.8	92.3	0.877	0.744	0.306	86.4	−10.0	57.7	58.6	99.8	13.7	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
866	Y00G_075_050de	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.647	0.25	72.2	−1.5	39.0	39.0	92.3	0.763	0.657	0.302	77.4	−7.6	45.2	45.8	99.6	10.0	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
867	Y00G_062_037de	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.548	0.25	64.8	−1.1	29.2	29.3	92.3	0.636	0.571	0.275	66.6	−5.3	32.6	33.0	99.2	5.6	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
868	Y00G_050_025de	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.448	0.249	57.4	−0.7	19.5	19.5	92.3	0.528	0.503	0.283	56.3	−2.1	20.2	20.3	95.9	1.8	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
869	Y00G_037_012de	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.349	0.249	49.9	−0.3	9.7	9.7	92.3	0.409	0.422	0.303	45.9	−0.1	10.6	10.6	90.6	4.1	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
870	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	37.4	3.0	1.0	3.1	18.7	5.9	360	1.0	1.0	1.0	96.3	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	35.1	0.1	−6.0	6.0	271.7	0.162	0.214	0.301	34.4	4.3	−6.1	7.5	305.3	4.2	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
872	B00R_025_025de	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.07	0.25	27.7	0.3	−12.0	12.0	271.7	0.0	0.003	0.182	30.3	2.5	−15.9	16.1	279.1	5.1	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
873	Y00G_100_087de	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.82	0.125	85.6	−2.7	68.3	68.4	92.3	1.0	0.809	0.125	91.4	−14.3	77.2	78.5	100.5	15.7	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
874	Y00G_087_075de	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.721	0.125	78.1	−2.3	58.5	58.6	92.3	0.851	0.718	0.186	85.9	−11.0	73.7	74.6	98.5	19.1	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
875	Y00G_075_062de	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.621	0.125	70.7	−1.9	48.8	48.8	92.3	0.739	0.629	0.16	77.0	−9.0	58.7	59.4	98.7	13.6	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
876	Y00G_062_050de	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.522	0.125	63.3	−1.5	39.0	39.0	92.3	0.614	0.535	0.119	66.3	−6.6	43.1	43.6	98.7	7.1	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
877	Y00G_050_037de	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.423	0.124	55.8	−1.1	29.2	29.3	92.3	0.501	0.447	0.12	56.6	−4.3	31.1	31.4	97.9	3.7	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
878	Y00G_037_025de	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.323	0.124	48.4	−0.7	19.5	19.5	92.3	0.394	0.372	0.133	46.3	−1.9	19.4	19.5	95.6	2.4	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
879	Y00G_025_012de	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.224	0.124	40.9	−0.3	9.7	9.7	92.3	0.297	0.32	0.174	37.7	0.7	7.6	7.6	84.6	4.0	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
880	NW_012de	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	33.5	0.0	0.0	0.0	0.0	0.151	0.194	0.187	30.2	1.3	1.1	1.8	40.0	3.7	360	1.0	1.0	1.0	96.3	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	26.1	0.1	−6.0	6.0	271.7	0.0	0.0	0.08	29.3	2.2	−8.3	8.6	284.8	4.3	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
882	Y00G_100_100de	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3	0.993	0.793	0.004	91.1	−14.4	84.4	85.7	99.6	14.7	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
883	Y00G_087_087de	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.695	0.0	76.6	−2.7	68.3	68.4	92.3	0.817	0.701	0.077	88.4	−10.6	90.0	90.6	96.7	25.8	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
884	Y00G_075_075de	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.596	0.0	69.2	−2.3	58.5	58.6	92.3	0.716	0.62	0.063	77.5	−8.6	77.6	78.1	96.3	21.6	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
885	Y00G_062_062de	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.496	0.0	61.7	−1.9	48.8	48.8	92.3	0.606	0.521	0.028	66.1	−7.4	58.1	58.5	97.2	11.6	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
886	Y00G_050_050de	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.397	0.0	54.3	−1.5	39.0	39.0	92.3	0.489	0.422	0.0	56.4	−5.7	41.9	42.2	97.8	5.4	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
887	Y00G_037_037de	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.298	0.0	46.8	−1.1	29.2	29.3	92.3	0.376	0.312	0.0	47.5	−4.0	29.5	29.8	97.8	2.9	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
888	Y00G_025_025de	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.198	0.0	39.4	−0.7	19.5	19.5	92.3	0.295	0.262	0.0	38.6	−2.3	16.6	16.8	97.9	3.3	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
889	Y00G_012_012de	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.099	0.0	32.0	−0.3	9.7	9.7	92.3	0.166	0.153	0.0	31.4	−1.0	7.2	7.3	98.0	2.6	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
890	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.9	0.3	−0.4	0.5	308.4	1.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta** **9.2**

1-1132931-F0

RE650−7N, Page 30/33−F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to $cmy0^*_{de}$

see similar files: http://130.149.60.45/~farbmetrik/RE65/RE65.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-1132931-F0

TUB registration: 20150701-RE65/RE65L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmy0* (CMY0)

http://130.149.60.45/~farbmetrik/RE65/RE65L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE65/RE65LE30FP.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	96.3	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	0.929	0.875	1.0	88.6	5.9	−3.6	6.9	328.6
893	B50R_100_025de	1.0	0.75	1.0	1.0	0.25	0.875	330	0.859	0.75	1.0	80.9	11.9	−7.2	13.9	328.6
894	B50R_100_037de	1.0	0.625	1.0	1.0	0.375	0.812	330	0.789	0.625	1.0	73.2	17.9	−10.9	20.9	328.6
895	B50R_100_050de	1.0	0.5	1.0	1.0	0.5	0.75	330	0.719	0.5	1.0	65.5	23.8	−14.5	27.9	328.6
896	B50R_100_062de	1.0	0.375	1.0	1.0	0.625	0.687	330	0.649	0.375	1.0	57.8	29.8	−18.2	34.9	328.6
897	B50R_100_075de	1.0	0.25	1.0	1.0	0.75	0.625	330	0.579	0.25	1.0	50.1	35.8	−21.8	41.9	328.6
898	B50R_100_087de	1.0	0.125	1.0	1.0	0.875	0.562	330	0.509	0.125	1.0	42.4	41.7	−25.5	48.9	328.6
899	B50R_100_100de	1.0	0.0	1.0	1.0	1.0	0.5	330	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
900	G00B_100_012de	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.896	91.1	−7.7	2.4	8.1	162.2
901	NW_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	87.3	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	0.804	0.75	0.875	79.6	5.9	−3.6	6.9	328.6
903	B50R_087_025de	0.875	0.625	0.875	0.875	0.25	0.75	330	0.734	0.625	0.875	71.9	11.9	−7.2	13.9	328.6
904	B50R_087_037de	0.875	0.5	0.875	0.875	0.375	0.687	330	0.664	0.5	0.875	64.2	17.9	−10.9	20.9	328.6
905	B50R_087_050de	0.875	0.375	0.875	0.875	0.5	0.625	330	0.594	0.375	0.875	56.5	23.8	−14.5	27.9	328.6
906	B50R_087_062de	0.875	0.25	0.875	0.875	0.625	0.562	330	0.524	0.25	0.875	48.8	29.8	−18.2	34.9	328.6
907	B50R_087_075de	0.875	0.125	0.875	0.875	0.75	0.5	330	0.454	0.125	0.875	41.1	35.8	−21.8	41.9	328.6
908	B50R_087_087de	0.875	0.0	0.875	0.875	0.875	0.437	330	0.384	0.0	0.875	33.4	41.7	−25.5	48.9	328.6
909	G00B_100_025de	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.793	86.0	−15.5	4.9	16.3	162.2
910	G00B_087_012de	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.771	82.2	−7.7	2.4	8.1	162.2
911	NW_075de	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	78.4	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	0.679	0.625	0.75	70.7	5.9	−3.6	6.9	328.6
913	B50R_075_025de	0.75	0.5	0.75	0.75	0.25	0.625	330	0.609	0.5	0.75	62.9	11.9	−7.2	13.9	328.6
914	B50R_075_037de	0.75	0.375	0.75	0.75	0.375	0.562	330	0.539	0.375	0.75	55.2	17.9	−10.9	20.9	328.6
915	B50R_075_050de	0.75	0.25	0.75	0.75	0.5	0.5	330	0.469	0.25	0.75	47.5	23.8	−14.5	27.9	328.6
916	B50R_075_062de	0.75	0.125	0.75	0.75	0.625	0.437	330	0.399	0.125	0.75	39.8	29.8	−18.2	34.9	328.6
917	B50R_075_075de	0.75	0.0	0.75	0.75	0.75	0.375	330	0.329	0.0	0.75	32.1	35.8	−21.8	41.9	328.6
918	G00B_100_037de	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.69	80.8	−23.3	7.4	24.4	162.2
919	G00B_087_025de	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.668	77.0	−15.5	4.9	16.3	162.2
920	G00B_075_012de	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.646	73.2	−7.7	2.4	8.1	162.2
921	NW_062de	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	69.4	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	0.554	0.5	0.625	61.7	5.9	−3.6	6.9	328.6
923	B50R_062_025de	0.625	0.375	0.625	0.625	0.25	0.5	330	0.484	0.375	0.625	54.0	11.9	−7.2	13.9	328.6
924	B50R_062_037de	0.625	0.25	0.625	0.625	0.375	0.437	330	0.414	0.25	0.625	46.3	17.9	−10.9	20.9	328.6
925	B50R_062_050de	0.625	0.125	0.625	0.625	0.5	0.375	330	0.344	0.125	0.625	38.6	23.8	−14.5	27.9	328.6
926	B50R_062_062de	0.625	0.0	0.625	0.625	0.625	0.312	330	0.274	0.0	0.625	30.9	29.8	−18.2	34.9	328.6
927	G00B_100_050de	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.587	75.7	−31.0	9.9	32.6	162.2
928	G00B_087_037de	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.565	71.8	−23.3	7.4	24.4	162.2
929	G00B_075_025de	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.543	68.0	−15.5	4.9	16.3	162.2
930	G00B_062_012de	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.521	64.2	−7.7	2.4	8.1	162.2
931	NW_050de	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	60.4	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	0.429	0.375	0.5	52.7	5.9	−3.6	6.9	328.6
933	B50R_050_025de	0.5	0.25	0.5	0.5	0.25	0.375	330	0.359	0.249	0.5	45.0	11.9	−7.2	13.9	328.6
934	B50R_050_037de	0.5	0.125	0.5	0.5	0.375	0.312	330	0.289	0.124	0.5	37.3	17.9	−10.9	20.9	328.6
935	B50R_050_050de	0.5	0.0	0.5	0.5	0.5	0.25	330	0.219	0.0	0.5	29.6	23.8	−14.5	27.9	328.6
936	G00B_100_062de	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.484	70.5	−38.8	12.4	40.8	162.2
937	G00B_087_050de	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.462	66.7	−31.0	9.9	32.6	162.2
938	G00B_075_037de	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.44	62.9	−23.3	7.4	24.4	162.2
939	G00B_062_025de	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.418	59.1	−15.5	4.9	16.3	162.2
940	G00B_050_012de	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.396	55.3	−7.7	2.4	8.1	162.2
941	NW_037de	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	51.4	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	0.304	0.249	0.375	43.7	5.9	−3.6	6.9	328.6
943	B50R_037_025de	0.375	0.125	0.375	0.375	0.25	0.25	330	0.234	0.124	0.375	36.0	11.9	−7.2	13.9	328.6
944	B50R_037_037de	0.375	0.0	0.375	0.375	0.375	0.187	330	0.164	0.0	0.375	28.3	17.9	−10.9	20.9	328.6
945	G00B_100_075de	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.381	65.3	−46.6	14.9	48.9	162.2
946	G00B_087_062de	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.359	61.5	−38.8	12.4	40.8	162.2
947	G00B_075_050de	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.337	57.7	−31.0	9.9	32.6	162.2
948	G00B_062_037de	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.315	53.9	−23.3	7.4	24.4	162.2
949	G00B_050_025de	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.293	50.1	−15.5	4.9	16.3	162.2
950	G00B_037_012de	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.271	46.3	−7.7	2.4	8.1	162.2
951	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	42.5	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	0.179	0.124	0.25	34.8	5.9	−3.6	6.9	328.6
953	B50R_025_025de	0.25	0.0	0.25	0.25	0.25	0.125	330	0.109	0.0	0.25	27.1	11.9	−7.2	13.9	328.6
954	G00B_100_087de	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.278	60.2	−54.4	17.4	57.1	162.2
955	G00B_087_075de	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.256	56.4	−46.6	14.9	48.9	162.2
956	G00B_075_062de	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.234	52.5	−38.8	12.4	40.8	162.2
957	G00B_062_050de	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.212	48.7	−31.0	9.9	32.6	162.2
958	G00B_050_037de	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.19	44.9	−23.3	7.4	24.4	162.2
959	G00B_037_025de	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.168	41.1	−15.5	4.9	16.3	162.2
960	G00B_025_012de	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.146	37.3	−7.7	2.4	8.1	162.2
961	NW_012de	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	33.5	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	0.054	0.0	0.125	25.8	5.9	−3.6	6.9	328.6
963	G00B_100_100de	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
964	G00B_087_087de	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.153	51.2	−54.4	17.4	57.1	162.2
965	G00B_075_075de	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.131	47.4	−46.6	14.9	48.9	162.2
966	G00B_062_062de	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.109	43.6	−38.8	12.4	40.8	162.2
967	G00B_050_050de	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.087	39.8	−31.0	9.9	32.6	162.2
968	G00B_037_037de	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.065	36.0	−23.3	7.4	24.4	162.2
969	G00B_025_025de	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.043	32.1	−15.5	4.9	16.3	162.2
970	G00B_012_012de	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.021	28.3	−7.7	2.4	8.1	162.2
971	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	24.5	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	96.5	−0.7	1.3	1.5	118.7	1.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
892	0.925	0.847	0.971	91.4	8.0	−2.9	8.6	339.7	3.5	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
893	0.864	0.748	0.943	85.9	16.3	−5.1	17.1	342.4	6.9	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
894	0.806	0.628	0.931	79.6	25.2	−6.9	26.1	344.6	10.5	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
895	0.732	0.501	0.919	73.4	34.4	−8.2	35.3	346.4	14.5	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
896	0.656	0.365	0.889	66.7	45.2	−9.4	46.1	348.1	19.7	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
897	0.562	0.234	0.856	59.5	54.7	−10.2	55.6	349.3	24.1	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
898	0.479	0.122	0.853	51.1	67.8	−9.1	68.4	352.2	31.9	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
899	0.444	0.0	1.0	47.1	69.5	−8.6	70.0	352.9	32.3	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
900	0.849	0.992	0.913	92.8	−8.2	7.8	11.3	136.6	5.6	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
901	0.877	0.892	0.904	86.8	1.0	0.9	1.4	42.2	1.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
902	0.83	0.791	0.871	80.2	11.4	−2.8	11.7	346.0	5.5	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
903	0.77	0.666	0.853	74.6	19.6	−6.3	20.6	342.1	8.2	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
904	0.679	0.516	0.813	70.5	28.8	−7.2	29.7	345.8	13.1	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
905	0.59	0.36	0.794	63.3	39.2	−9.5	40.3	346.2	17.5	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
906	0.505	0.223	0.771	57.0	47.8	−10.7	49.0	347.3	21.1	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
907	0.41	0.085	0.739	49.6	61.2	−12.2	62.4	348.6	28.4	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
908	0.314	0.0	0.702	44.3	65.4	−10.1	66.2	351.2	30.2	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
909	0.683	1.0	0.794	88.9	−14.6	13.9	20.2	136.2	9.4	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
910	0.733	0.888	0.804	82.1	−7.0	8.6	11.1	129.2	6.1	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
911	0.769	0.808	0.816	75.0	2.4	2.3	3.3	44.0	4.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
912	0.714	0.69	0.786	69.2	11.9	−1.3	12.0	353.4	6.5	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
913	0.621	0.536	0.736	64.1	20.0	−4.5	20.5	347.2	8.6	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
914	0.54	0.367	0.71	59.0	26.8	−4.7	27.2	349.9	11.4	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
915	0.458	0.225	0.667	52.8	36.8	−6.8	37.5	349.4	16.0	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
916	0.363	0.082	0.622	46.5	49.9	−9.2	50.8	349.5	23.0	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
917	0.277	0.0	0.623	40.5	59.8	−9.2	60.5	351.2	28.4	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
918	0.549	1.0	0.675	83.8	−20.9	18.1	27.7	139.0	11.3	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
919	0.582	0.856	0.681	79.1	−16.0	14.3	21.5	138.1	9.6	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
920	0.613	0.775	0.698	72.0	−7.1	8.2	10.9	130.8	5.9	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
921	0.643	0.697	0.709	63.7	2.3	1.9	3.0	39.5	6.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
922	0.582	0.564	0.666	59.1	11.6	−0.1	11.6	359.1	7.1	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
923	0.494	0.397	0.618	53.7	19.9	−3.7	20.3	349.3	8.7	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
924	0.42	0.24	0.573	48.9	29.4	−5.2	29.8	349.9	13.1	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
925	0.325	0.092	0.506	43.2	39.1	−6.8	39.7	350.0	17.7	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
926	0.25	0.0	0.5	37.3	50.8	−8.9	51.6	350.0	23.8	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
927	0.436	1.0	0.595	77.4	−28.7	19.9	34.9	145.2	10.3	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
928	0.449	0.836	0.552	74.7	−24.9	16.1	29.7	147.1	9.2	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
929	0.475	0.749	0.563	68.1	−15.6	12.2	19.8	142.0	7.2	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
930	0.507	0.678	0.589	59.5	−5.8	7.7	9.7	127.3	7.3	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
931	0.533	0.596	0.601	52.4	1.6	3.4	3.8	65.2	8.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
932	0.458	0.43	0.547	48.0	11.3	−0.1	11.3	359.2	7.9	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
933	0.382	0.266	0.492	42.7	20.0	−4.0	20.4	348.5	8.9	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
934	0.292	0.116	0.424	39.6	29.2	−5.6	29.7	348.9	12.6	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
935	0.25	0.0	0.375	34.5	40.3	−7.9	41.1	348.8	18.4	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
936	0.353	1.0	0.501	70.4	−37.9	24.3	45.0	147.2	11.9	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
937	0.326	0.825	0.446	70.1	−33.5	20.5	39.3	148.5	11.3	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
938	0.342	0.734	0.44	63.9	−24.6	15.4	29.0	147.9	8.1	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
939	0.358	0.638	0.44	57.8	−15.0	11.5	18.9	142.5	6.6	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
940	0.374	0.554	0.453	49.7	−4.9	7.3	8.8	124.1	7.8	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
941	0.403	0.463	0.47	41.5	1.7	2.6	3.1	56.5	10.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
942	0.338	0.301	0.422	40.3	10.4	−0.5	10.4	356.9	6.4	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
943	0.257	0.149	0.36	36.3	20.2	−4.7	20.8	346.6	8.6	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
944	0.146	0.0	0.25	33.1	30.8	−6.9	31.6	347.3	14.3	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
945	0.213	0.874	0.376	64.3	−47.6	28.7	55.6	148.9	13.8	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
946	0.215	0.814	0.36	66.0	−42.4	25.2	49.3	149.1	14.0	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
947	0.224	0.724	0.342	60.0	−32.5	18.4	37.4	150.3	8.9	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
948	0.256	0.632	0.335	54.9	−24.7	15.2	29.1	148.4	7.9	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
949	0.265	0.54	0.33	48.8	−15.5	10.7	18.9	145.5	5.8	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
950	0.28	0.453	0.344	40.5	−4.4	6.5	7.9	124.6	7.7	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
951	0.301	0.356	0.369	35.0	2.8	1.5	3.2	28.1	8.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
952	0.217	0.182	0.28	33.3	10.8	−2.2	11.0	348.3	5.2	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
953	0.125	0.0	0.125	32.1	20.5	−5.9	21.3	343.7	10.0	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
954	0.125	0.874	0.285	58.5	−58.1	32.4	66.5	150.8	15.5	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
955	0.111	0.787	0.251	60.4	−54.0	30.7	62.1	150.3	17.9	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
956	0.114	0.678	0.22	56.0	−41.4	22.5	47.1	151.4	10.9	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
957	0.121	0.583	0.193	51.4	−34.0	18.1	38.5	151.9	9.0	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
958	0.128	0.488	0.164	45.5	−26.2	12.3	29.0	154.8	5.7	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
959	0.119	0.373	0.152	40.7	−16.1	8.6	18.3	151.9	3.7	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
960	0.127	0.287	0.173	35.3	−5.3	5.5	7.7	134.0	4.3	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
961	0.151	0.194	0.187	28.2	1.1	1.6	2.0	53.5	5.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
962	0.051	0.0	0.062	29.1	10.0	−3.0	10.4	342.9	5.2	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6
963	0.04	0.874	0.193	56.1	−63.0	35.4	72.3	150.6	15.5	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
964	0.04	0.672	0.154	53.6	−67.7	34.1	75.8	153.2	21.4	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
965	0.001	0.556	0.08	52.8	−68.5	34.0	76.5	153.5	29.5	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
966	0.0	0.5	0.0	49.3	−55.4	26.7	61.5	154.2	22.6	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
967	0.0	0.375	0.0	44.5	−38.0	16.6	41.5	156.3	10.7	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
968	0.0	0.376	0.0	39.8	−27.6	11.1	29.8	157.9	6.9	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
969	0.0	0.25	0.0	36.0	−17.0	7.1	18.5	157.1	4.7	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
970	0.0	0.125	0.0	31.9	−7.8	4.0	8.8	152.4	3.9	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
971	0.0	0.0	0.0	25.1	0.1	0.2	0.2	56.3	0.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 11.7

1-1133031-F0 RE650-7N, Page 31/33-F

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, ΔE'*

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to $cmy0^*_{de}$

see similar files: http://130.149.60.45/~farbmetrik/RE65/RE65.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-1133031-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				
972	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.2	0.0	0.2	358.6	0.5	360	1.0	1.0	1.0	96.3	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	33.5	0.0	0.0	0.0	0.0	0.151	0.194	0.187	27.5	1.2	1.1	1.7	43.8	6.2	360	1.0	1.0	1.0	96.3	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	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	34.0	3.0	1.0	3.2	19.6	9.0	360	1.0	1.0	1.0	96.3	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	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	41.9	2.3	2.0	3.1	40.7	10.0	360	1.0	1.0	1.0	96.3	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	60.4	0.0	0.0	0.0	0.0	0.533	0.596	0.601	53.2	1.9	2.8	3.4	55.8	8.0	360	1.0	1.0	1.0	96.3	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	69.4	0.0	0.0	0.0	0.0	0.643	0.697	0.709	64.5	2.5	1.6	3.0	31.7	5.7	360	1.0	1.0	1.0	96.3	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	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	75.5	2.6	1.8	3.2	34.5	4.3	360	1.0	1.0	1.0	96.3	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	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	86.9	1.1	0.4	1.2	20.3	1.3	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	−0.2	−0.2	0.3	225.2	0.3	360	1.0	1.0	1.0	96.3	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	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.3	0.1	0.0	0.1	33.7	1.2	360	1.0	1.0	1.0	96.3	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	33.5	0.0	0.0	0.0	0.0	0.151	0.194	0.187	27.3	1.2	0.9	1.5	35.9	6.4	360	1.0	1.0	1.0	96.3	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	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	34.5	2.9	1.0	3.1	18.6	8.5	360	1.0	1.0	1.0	96.3	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	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	41.9	2.2	1.8	2.8	39.4	9.9	360	1.0	1.0	1.0	96.3	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	60.4	0.0	0.0	0.0	0.0	0.533	0.596	0.601	53.4	2.1	2.3	3.1	48.3	7.7	360	1.0	1.0	1.0	96.3	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	69.4	0.0	0.0	0.0	0.0	0.643	0.697	0.709	64.4	2.6	1.1	2.9	22.5	5.7	360	1.0	1.0	1.0	96.3	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	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	75.7	2.8	1.2	3.1	22.6	4.1	360	1.0	1.0	1.0	96.3	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	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	87.2	1.4	0.0	1.4	358.2	1.4	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	−0.2	−0.4	0.4	235.7	0.4	360	1.0	1.0	1.0	96.3	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	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6	0.0	0.1	0.1	90.4	0.9	360	1.0	1.0	1.0	96.3	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	33.5	0.0	0.0	0.0	0.0	0.151	0.194	0.187	27.2	1.2	0.8	1.5	34.1	6.4	360	1.0	1.0	1.0	96.3	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	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	34.5	3.1	0.7	3.1	14.1	8.6	360	1.0	1.0	1.0	96.3	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	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	41.7	2.3	1.4	2.7	32.4	10.1	360	1.0	1.0	1.0	96.3	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	60.4	0.0	0.0	0.0	0.0	0.533	0.596	0.601	53.0	2.0	2.4	3.2	50.2	8.0	360	1.0	1.0	1.0	96.3	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	69.4	0.0	0.0	0.0	0.0	0.643	0.697	0.709	64.3	3.0	0.9	3.1	17.6	6.0	360	1.0	1.0	1.0	96.3	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	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	75.4	2.9	1.2	3.2	23.5	4.3	360	1.0	1.0	1.0	96.3	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	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	87.3	1.3	0.0	1.3	3.8	1.3	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	−0.3	−0.1	0.3	199.7	0.3	360	1.0	1.0	1.0	96.3	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	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.3	0.0	0.3	0.3	83.3	2.2	360	1.0	1.0	1.0	96.3	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	33.5	0.0	0.0	0.0	0.0	0.151	0.194	0.187	26.6	1.3	1.2	1.8	43.9	7.1	360	1.0	1.0	1.0	96.3	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	42.5	0.0	0.0	0.0	0.0	0.301	0.356	0.369	33.5	3.1	1.2	3.3	21.9	9.6	360	1.0	1.0	1.0	96.3	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	51.4	0.0	0.0	0.0	0.0	0.403	0.463	0.47	41.1	2.5	2.0	3.2	39.5	10.8	360	1.0	1.0	1.0	96.3	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	60.4	0.0	0.0	0.0	0.0	0.533	0.596	0.601	52.1	2.0	2.8	3.5	54.9	9.0	360	1.0	1.0	1.0	96.3	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	69.4	0.0	0.0	0.0	0.0	0.643	0.697	0.709	63.3	2.6	1.8	3.2	35.0	6.9	360	1.0	1.0	1.0	96.3	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	78.4	0.0	0.0	0.0	0.0	0.769	0.808	0.816	74.4	2.8	1.9	3.4	35.0	5.2	360	1.0	1.0	1.0	96.3	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	87.3	0.0	0.0	0.0	0.0	0.877	0.892	0.904	86.5	1.0	0.6	1.2	30.8	1.4	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	−0.4	0.1	0.4	166.0	0.4	360	1.0	1.0	1.0	96.3	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	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.5	0.1	−0.3	0.3	300.7	0.9	360	1.0	1.0	1.0	96.3	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	29.3	0.0	0.0	0.0	0.0	0.065	0.079	0.07	28.6	1.1	0.3	1.1	16.8	1.3	360	1.0	1.0	1.0	96.3	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	34.1	0.0	0.0	0.0	0.0	0.162	0.207	0.198	30.9	1.2	1.2	1.8	45.0	3.6	360	1.0	1.0	1.0	96.3	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	38.9	0.0	0.0	0.0	0.0	0.25	0.314	0.316	34.2	2.1	1.3	2.5	31.9	5.3	360	1.0	1.0	1.0	96.3	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	43.6	0.0	0.0	0.0	0.0	0.321	0.372	0.384	37.8	3.0	1.3	3.3	23.8	6.7	360	1.0	1.0	1.0	96.3	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	48.4	0.0	0.0	0.0	0.0	0.367	0.424	0.431	40.9	2.3	1.9	3.0	39.0	8.0	360	1.0	1.0	1.0	96.3	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	53.2	0.0	0.0	0.0	0.0	0.441	0.495	0.506	46.4	2.1	2.4	3.2	48.9	7.6	360	1.0	1.0	1.0	96.3	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	58.0	0.0	0.0	0.0	0.0	0.503	0.564	0.573	50.9	2.4	2.4	3.4	45.3	7.8	360	1.0	1.0	1.0	96.3	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	62.8	0.0	0.0	0.0	0.0	0.57	0.627	0.628	57.1	2.2	2.0	3.0	42.2	6.4	360	1.0	1.0	1.0	96.3	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	67.6	0.0	0.0	0.0	0.0	0.62	0.674	0.682	62.7	2.3	2.3	3.2	45.0	5.9	360	1.0	1.0	1.0	96.3	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	72.3	0.0	0.0	0.0	0.0	0.696	0.746	0.754	68.1	2.1	2.5	3.3	49.6	5.4	360	1.0	1.0	1.0	96.3	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	77.2	0.0	0.0	0.0	0.0	0.757	0.798	0.806	73.7	2.3	2.7	3.6	50.2	5.0	360	1.0	1.0	1.0	96.3	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	81.9	0.0	0.0	0.0	0.0	0.813	0.842	0.847	78.3	1.6	2.3	2.8	55.5	4.6	360	1.0	1.0	1.0	96.3	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	86.7	0.0	0.0	0.0	0.0	0.871	0.889	0.896	85.1	0.5	1.7	1.8	72.8	2.4	360	1.0	1.0	1.0	96.3	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	91.5	0.0	0.0	0.0	0.0	0.929	0.928	0.958	90.4	0.0	0.3	0.3	103.9	1.1	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.1	0.1	251.2	0.2	360	1.0	1.0	1.0	96.3	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	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.2	0.3	−0.3	0.5	315.8	1.7	360	1.0	1.0	1.0	96.3	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	29.3	0.0	0.0	0.0	0.0	0.065	0.079	0.07	29.3	1.2	0.1	1.3	6.5	1.3	360	1.0	1.0	1.0	96.3	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	34.1	0.0	0.0	0.0	0.0	0.162	0.207	0.198	31.1	1.5	0.9	1.8	31.5	3.4	360	1.0	1.0	1.0	96.3	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	38.9	0.0	0.0	0.0	0.0	0.25	0.314	0.316	35.0	2.3	1.1	2.6	25.8	4.6	360	1.0	1.0	1.0	96.3	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	43.6	0.0	0.0	0.0	0.0	0.321	0.372	0.384	38.0	3.4	0.9	3.5	14.7	6.6	360	1.0	1.0	1.0	96.3	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	48.4	0.0	0.0	0.0	0.0	0.367	0.424	0.431	41.6	2.6	1.6	3.1	30.9	7.4	360	1.0	1.0	1.0	96.3	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	53.2	0.0	0.0	0.0	0.0	0.441	0.495	0.506	46.8	2.4	2.1	3.2	40.6	7.2	360	1.0	1.0	1.0	96.3	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	58.0	0.0	0.0	0.0	0.0	0.503	0.564	0.573	51.5	2.7	2.0	3.4	36.7	7.3	360	1.0	1.0	1.0	96.3	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	62.8	0.0	0.0	0.0	0.0	0.57	0.627	0.628	57.3	2.4	1.8	3.0	36.4	6.2	360	1.0	1.0	1.0	96.3	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	67.6	0.0	0.0	0.0	0.0	0.62	0.674	0.682	62.9	2.7	1.5	3.1	29.3	5.6	360	1.0	1.0	1.0	96.3	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	72.3	0.0	0.0	0.0	0.0	0.696	0.746	0.754	67.6	2.4	1.9	3.1	39.4	5.6	360	1.0	1.0	1.0	96.3	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	77.2	0.0	0.0	0.0	0.0	0.757	0.798	0.806	73.2	2.7	1.9	3.4	35.2	5.2	360	1.0	1.0	1.0	96.3	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	81.9	0.0	0.0	0.0	0.0	0.813	0.842	0.847	78.2	1.9	1.6	2.5	40.6	4.5	360	1.0	1.0	1.0	96.3	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	86.7	0.0	0.0	0.0	0.0	0.871	0.889	0.896	84.9	0.7	1.3	1.5	61.8	2.3	360	1.0	1.0	1.0	96.3	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	91.5	0.0	0.0	0.0	0.0	0.929	0.928	0.958	90.6	0.0	0.1	0.1	68.6	0.8	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.3	0.3	275.9	0.3	360	1.0	1.0	1.0	96.3	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	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.6	0.3	−0.3	0.5	311.4	2.1	360	1.0	1.0	1.0	96.3	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	29.3	0.0	0.0	0.0	0.0	0.065	0.079	0.07	28.7	1.3	0.3	1.3	12.7	1.4	360	1.0	1.0	1.0	96.3	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	34.1	0.0	0.0	0.0	0.0	0.162	0.207	0.198	30.6	1.4	0.9	1.7	32.2	3.9	360	1.0	1.0	1.0	96.3	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	38.9	0.0	0.0	0.0	0.0	0.25	0.314	0.316	34.2	2.3	1.1	2.5	25.8	5.3	360	1.0	1.0	1.0	96.3	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	43.6	0.0	0.0	0.0	0.0	0.321	0.372	0.384	37.6	3.2	1.1	3.4	19.0	6.8	360	1.0	1.0	1.0	96.3	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	48.4	0.0	0.0	0.0	0.0	0.367	0.424	0.431	41.1	2.6	1.5	3.0	30.6	7.9	360	1.0	1.0	1.0	96.3	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	53.2	0.0	0.0	0.0	0.0	0.441	0.495	0.506	46.3	2.4	2.2	3.3	43.3	7.6	360	1.0	1.0	1.0	96.3	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	58.0	0.0	0.0	0.0	0.0	0.503	0.564	0.573	50.6	2.6	2.5	3.7	44.0	8.2	360	1.0	1.0	1.0	96.3	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	62.8	0.0	0.0	0.0	0.0	0.57	0.627	0.628	56.4	2.4	1.7	3.0	35.9	7.0	360	1.0	1.0	1.0	96.3	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	67.6	0.0	0.0	0.0	0.0	0.62	0.674	0.682	61.9	2.7	2.0	3.4	36.8	6.6	360	1.0	1.0	1.0	96.3	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	72.3	0.0	0.0	0.0	0.0	0.696	0.746	0.754	67.0	2.5	2.2	3.3	41.3	6.3	360	1.0	1.0	1.0	96.3	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	77.2	0.0	0.0	0.0	0.0	0.757	0.798	0.806	72.6	2.7	2.4	3.7	41.2	5.9	360	1.0	1.0	1.0	96.3	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	81.9	0.0	0.0	0.0	0.0	0.813	0.842	0.847	77.8	1.9	1.7	2.6	41.7	4.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta** **5.0**

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> rgb_{de}
output: 3D-linearization to $cmy0^*_{de}$

TUB registration: 20150701-RE65/RE65L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmy0* (CMY0)

see similar files: http://130.149.60.45/~farbmetrik/RE65/RE65.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	86.7	0.0	0.0	0.0	0.0	0.871	0.889	0.896	84.6	0.7	1.7	1.8	67.7	2.8	360	1.0	1.0	1.0	96.3	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	91.5	0.0	0.0	0.0	0.0	0.929	0.928	0.958	90.2	0.0	0.0	0.0	37.6	1.2	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.1	−0.1	0.0	0.1	179.0	0.2	360	1.0	1.0	1.0	96.3	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	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.5	0.2	0.0	0.2	344.0	1.0	360	1.0	1.0	1.0	96.3	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	29.3	0.0	0.0	0.0	0.0	0.065	0.079	0.07	28.2	1.2	0.5	1.3	23.9	1.7	360	1.0	1.0	1.0	96.3	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	34.1	0.0	0.0	0.0	0.0	0.162	0.207	0.198	30.2	1.3	1.4	1.9	46.7	4.3	360	1.0	1.0	1.0	96.3	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	38.9	0.0	0.0	0.0	0.0	0.25	0.314	0.316	33.6	2.1	1.5	2.6	35.6	5.9	360	1.0	1.0	1.0	96.3	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	43.6	0.0	0.0	0.0	0.0	0.321	0.372	0.384	36.8	3.0	1.3	3.3	23.7	7.6	360	1.0	1.0	1.0	96.3	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	48.4	0.0	0.0	0.0	0.0	0.367	0.424	0.431	40.0	2.6	1.7	3.1	32.8	8.9	360	1.0	1.0	1.0	96.3	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	53.2	0.0	0.0	0.0	0.0	0.441	0.495	0.506	45.3	2.3	2.6	3.5	48.8	8.6	360	1.0	1.0	1.0	96.3	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	58.0	0.0	0.0	0.0	0.0	0.503	0.564	0.573	49.7	2.6	2.7	3.7	45.6	9.1	360	1.0	1.0	1.0	96.3	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	62.8	0.0	0.0	0.0	0.0	0.57	0.627	0.628	55.5	2.3	2.3	3.2	45.3	7.9	360	1.0	1.0	1.0	96.3	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	67.6	0.0	0.0	0.0	0.0	0.62	0.674	0.682	61.1	2.7	2.1	3.5	38.0	7.4	360	1.0	1.0	1.0	96.3	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	72.3	0.0	0.0	0.0	0.0	0.696	0.746	0.754	66.4	2.2	2.9	3.7	52.7	7.0	360	1.0	1.0	1.0	96.3	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	77.2	0.0	0.0	0.0	0.0	0.757	0.798	0.806	72.0	2.8	2.5	3.8	41.6	6.4	360	1.0	1.0	1.0	96.3	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	81.9	0.0	0.0	0.0	0.0	0.813	0.842	0.847	77.2	1.9	2.0	2.8	46.7	5.5	360	1.0	1.0	1.0	96.3	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	86.7	0.0	0.0	0.0	0.0	0.871	0.889	0.896	84.3	0.5	2.1	2.1	76.2	3.2	360	1.0	1.0	1.0	96.3	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	91.5	0.0	0.0	0.0	0.0	0.929	0.928	0.958	90.3	0.0	0.3	0.3	85.6	1.2	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.0	0.0	0.0	0.0	13.6	0.2	360	1.0	1.0	1.0	96.3	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	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.2	0.0	0.0	0.0	338.7	0.6	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	0.1	0.1	111.9	0.2	360	1.0	1.0	1.0	96.3	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	0.273	46.2	59.0	28.1	65.4	25.4	1.0	0.0	0.275	45.9	59.1	41.6	72.3	35.1	13.4	374	1.0	0.0	0.273	46.2	59.0	28.1	65.4	25.4
1075	G50B_100_100$_{de}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9	0.0	1.0	0.875	52.6	−33.0	−38.9	51.0	229.7	12.0	203	0.0	1.0	0.88	55.9	−37.6	−28.3	47.1	216.9
1076	Y00G_100_100$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3	0.993	0.793	0.004	90.9	−14.2	87.8	88.9	99.2	16.2	78	1.0	0.794	0.0	84.0	−3.1	78.1	78.1	92.3
1077	B00R_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7	0.0	0.25	0.875	31.4	22.7	−42.7	48.4	298.0	22.7	254	0.0	0.28	1.0	37.3	1.4	−48.1	48.1	271.7
1078	G00B_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2	0.04	0.874	0.193	54.2	−66.0	35.6	75.0	151.6	16.1	159	0.0	1.0	0.175	55.0	−62.1	19.9	65.3	162.2
1079	B50R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6	0.444	0.0	1.0	46.5	71.9	−10.7	72.7	351.5	32.6	296	0.439	0.0	1.0	34.6	47.7	−29.1	55.9	328.6

Mean color difference of this page: delta 7.6

TUB-test chart RE65; 1080 standard colours, *cf*=1
colors and differences, $\Delta E'^*$

input: *rgb/cmyk* −> *rgb*$_{de}$
output: 3D-linearization to *cmy0**$_{de}$

1−1133231−F0