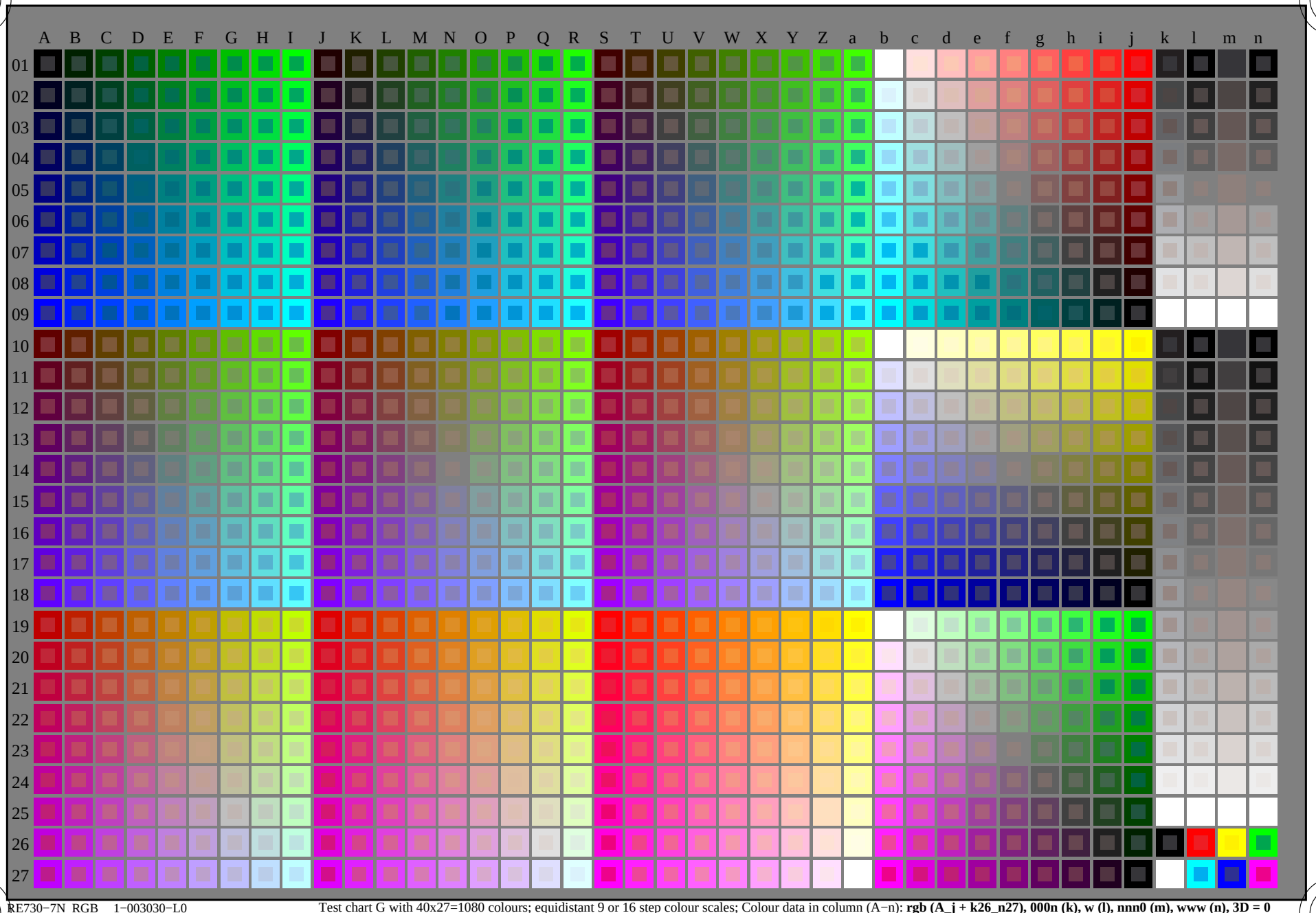


RE730−7N_RGB 1−003030−L0 Test chart G with 40x27=1080 colours; equidistant 9 or 16 step colour scales; Colour data in column (A−n): **rgb (A_j + k26_n27), 000n (k), w (l), nnn0 (m), www (n), 3D = 0**

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

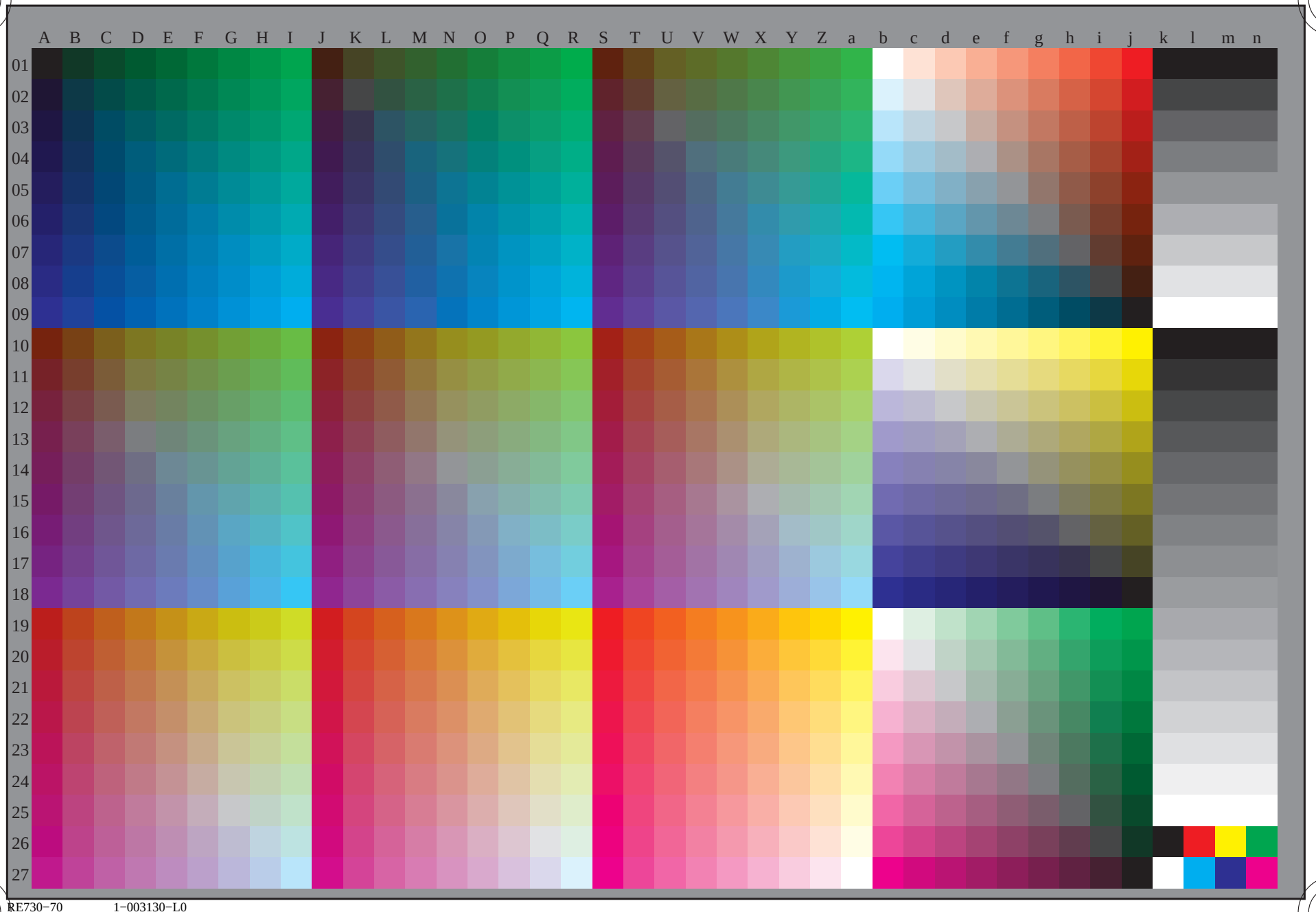
input: *rgb/cmyk −> rgb/cmyk*
output: no change

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output

TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 2/33



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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

RE730−70 1−003130−L0

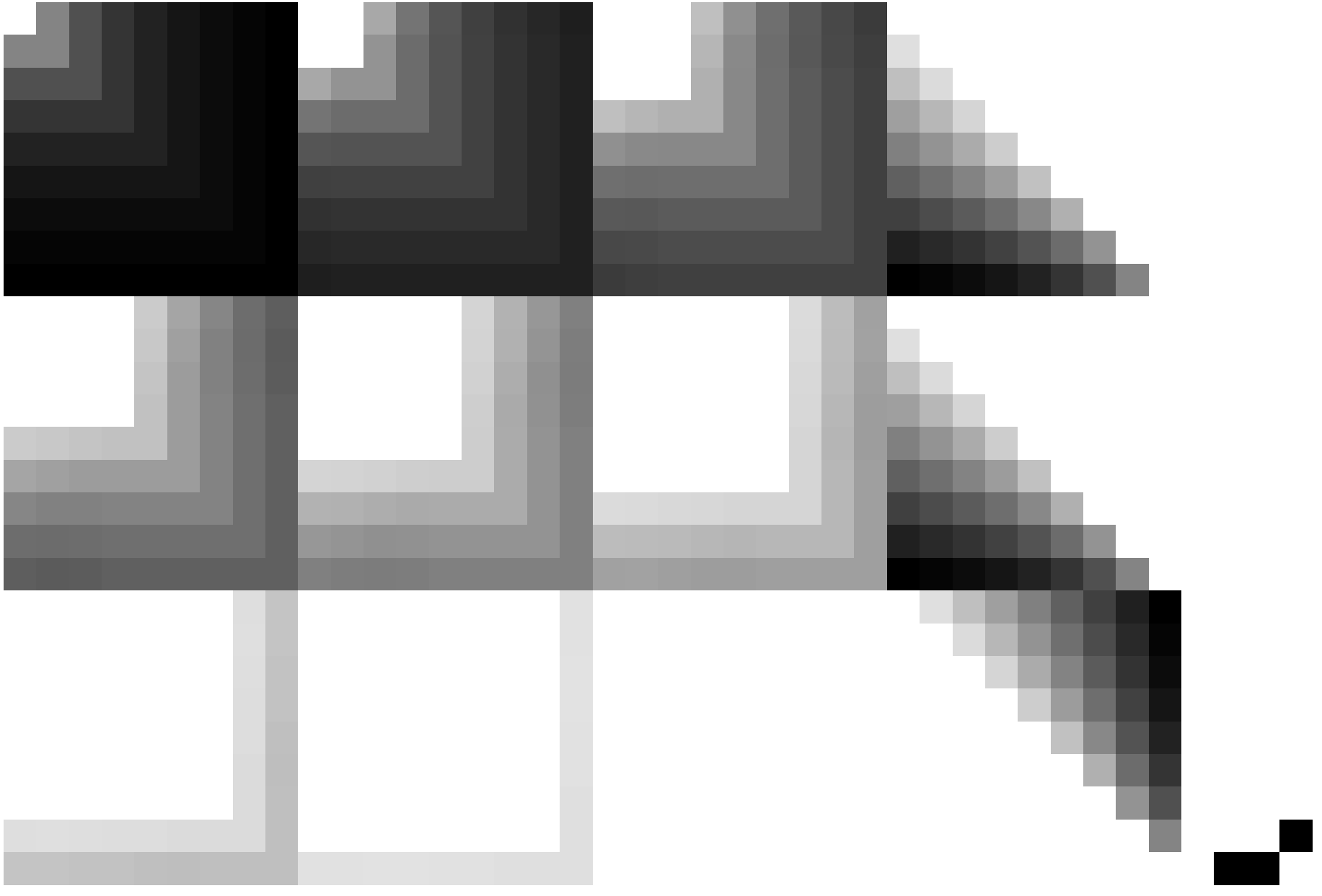
TUB-test chart RE73; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872, 3D=0, de=0, *cmyk*

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

1−003130−F0

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

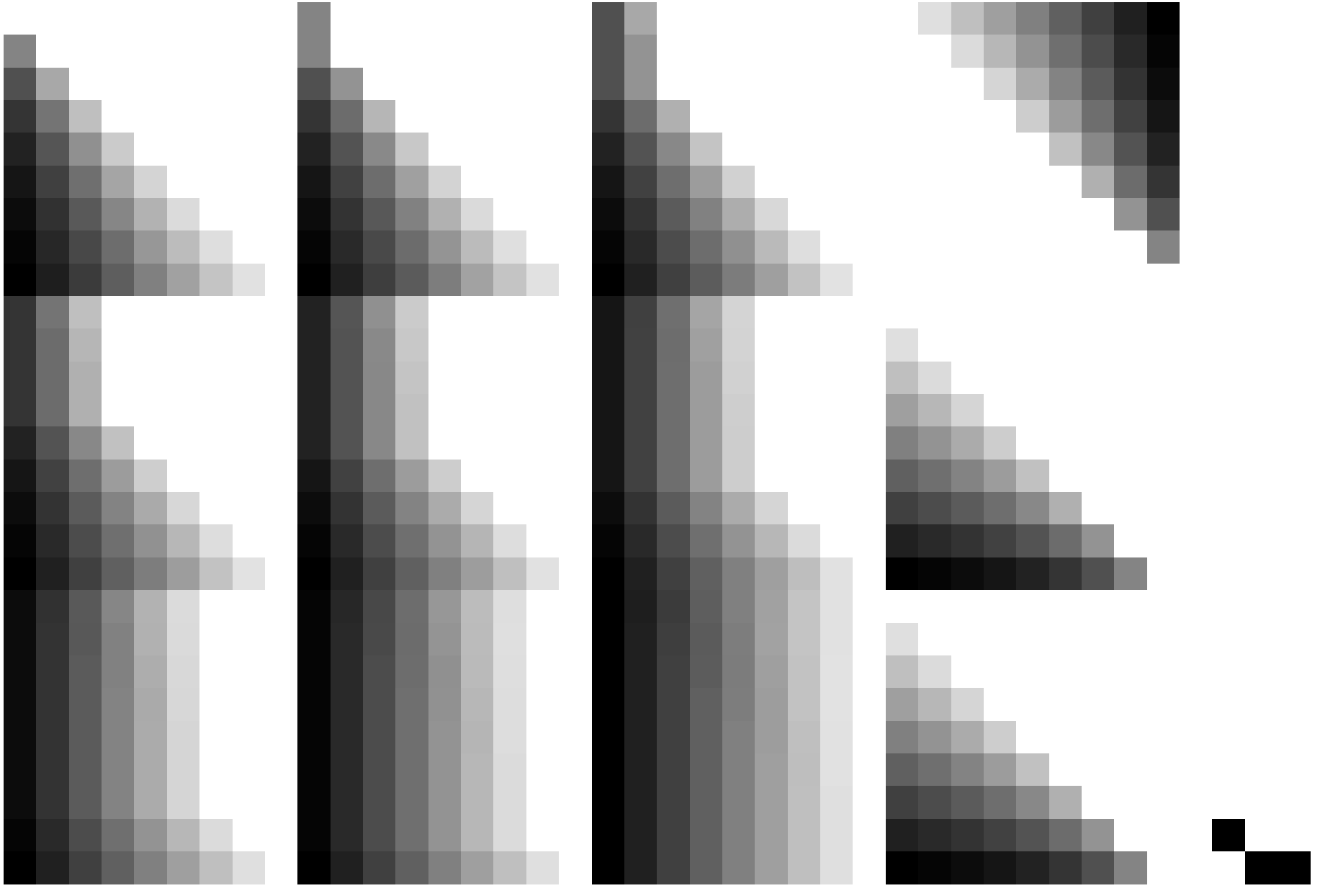
TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta



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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

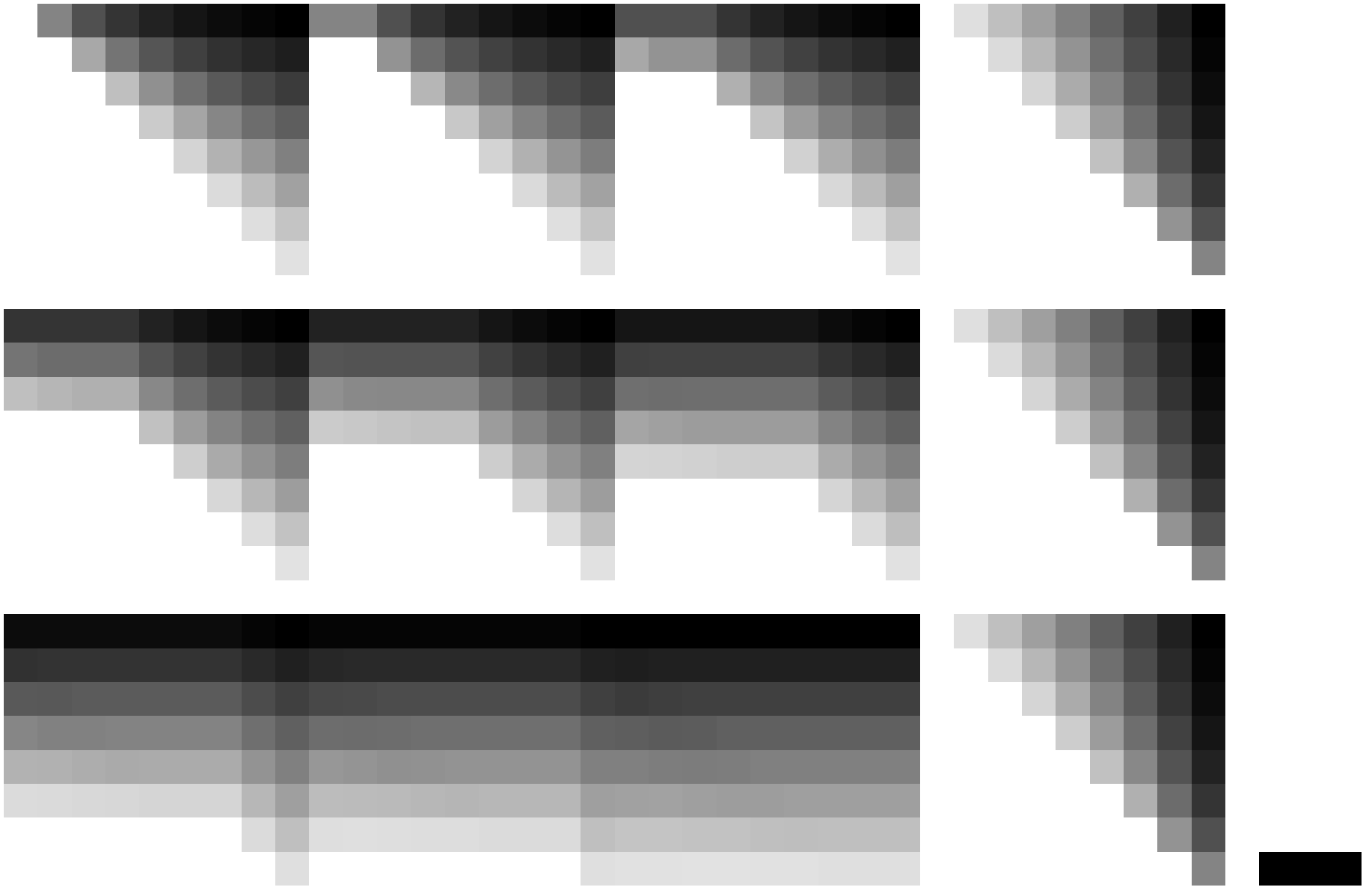
TUB material: code=rha4ta

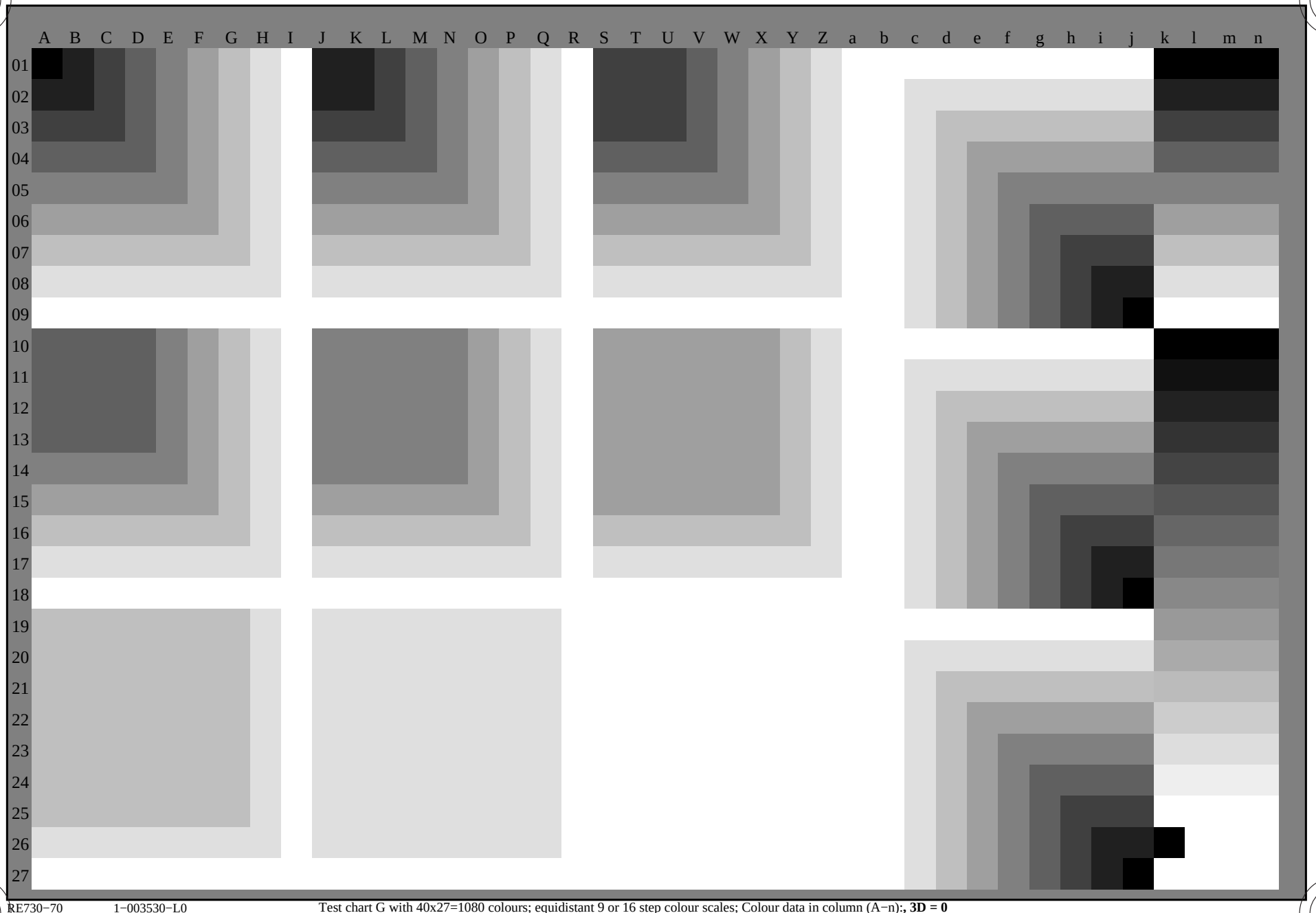


see similar files: http://130.149.60.45/~farbmetrik/RE73/RE73.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta





RE730−70 1−003530−L0 Test chart G with 40x27=1080 colours; equidistant 9 or 16 step colour scales; Colour data in column (A−n):, **3D = 0**

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

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

1−003530−F0

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

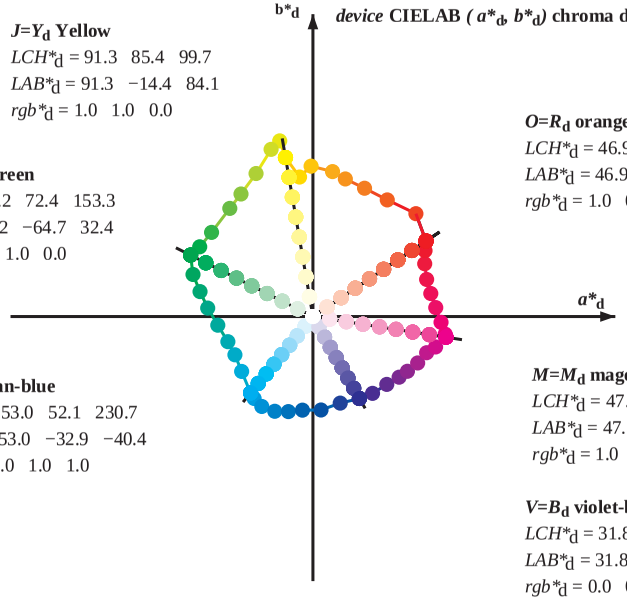
TUB material: code=rha4ta

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

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

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



***J*=*Y*$_d$ Yellow**
LCH^*_d = 91.3 85.4 99.7
LAB^*_d = 91.3 −14.4 84.1
rgb^*_d = 1.0 1.0 0.0

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

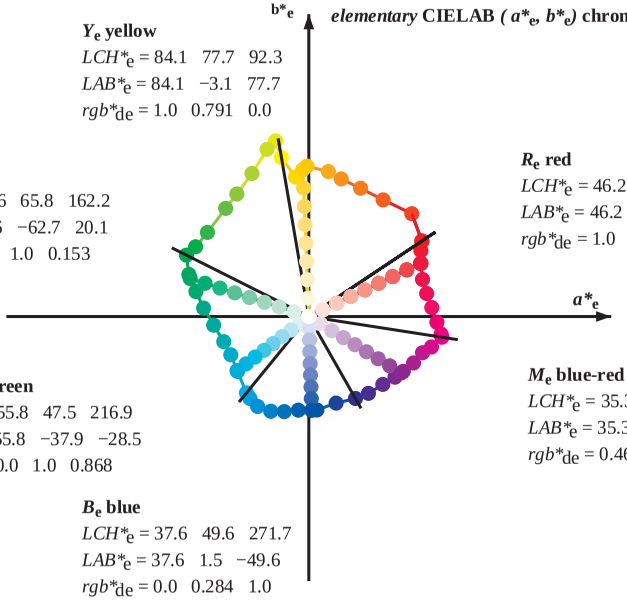
***L*=*G*$_d$ leaf-green**
LCH^*_d = 55.2 72.4 153.3
LAB^*_d = 55.2 −64.7 32.4
rgb^*_d = 0.0 1.0 0.0

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

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

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

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



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

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

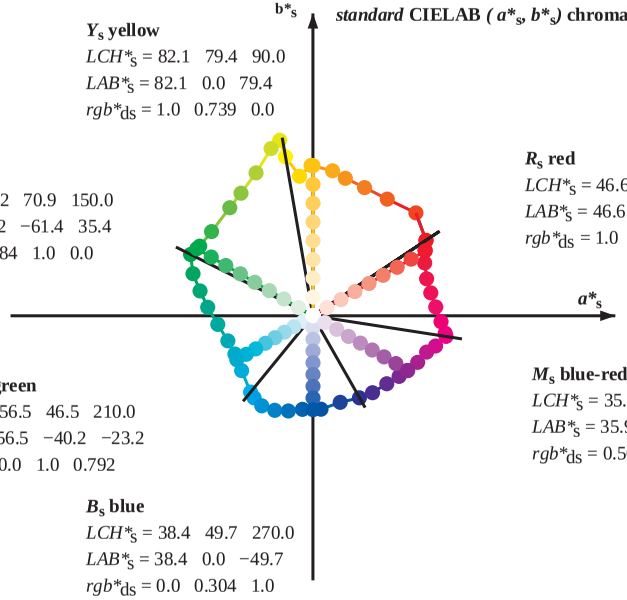
***R*$_e$ red**
LCH^*_e = 46.2 65.6 25.4
LAB^*_e = 46.2 59.2 28.2
rgb^*_{de} = 1.0 0.0 0.244

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

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

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

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



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

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

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

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

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

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

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

1. For the rgb^*_e-input values the CIELAB data LCH^*_d and LAB^*_d have been calculated.
2. For the calculation of the standard hue angle $h_{ab,s}$ use for any device values rgb^*_d the equation:

$$h_{ab,s} = atan\ [\ r^*_d\ cos(30) + g^*_d\ cos(150)\ ]\ /\ [\ r^*_d\ sin(30) + g^*_d\ sin(150) + b^*_d\ sin(270)\ ] \quad (1)$$

3. For the 48 or 360 equally spaced standard hue angles $h_{ab,s}$ of the colours of maximum chroma use the seven hue angles of the 60 degree colours *s*: $h_{ab,si}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0 (i=0,6) and the equations for a 48 and 360 step hue circle:

$$h_{48ab,sij} = h_{ab,si} + j\ [h_{ab,si+1} - h_{ab,si}\ ]\ /8\ (\ i = 0, 1, ..., 5;\ j = 0, 1, ..., 7) \quad (2)$$

$$h_{360ab,sij} = h_{ab,si} + j\ [h_{ab,si+1} - h_{ab,si}\ ]\ /60\ (\ i = 0, 1, ..., 5;\ j = 0, 1, ..., 59) \quad (3)$$

4. For the 48 or 360 elementary hue angles $h_{ab,e}$ of the colours of maximum chroma use the seven hue angles of the elementary colours *e*: $h_{ab,ei}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5 (i=0,6) and the equations for a 48 and 360 step elementary hue circle:

$$h_{48ab,eij} = h_{ab,ei} + j\ [h_{ab,ei+1} - h_{ab,ei}\ ]\ /8\ (\ i = 0, 1, ..., 5;\ j = 0, 1, ..., 7) \quad (4)$$

$$h_{360ab,eij} = h_{ab,ei} + j\ [h_{ab,ei+1} - h_{ab,ei}\ ]\ /60\ (\ i = 0, 1, ..., 5;\ j = 0, 1, ..., 59) \quad (5)$$

5. For any elementary hue angle $h_{ab,e}$ there is a well defined device hue angle $h_{ab,d}$ see the following tables, columns 1 to 5 or 1 to 4.
6. The values rgb^*_{de} produce the output of the device-independent elementary hues

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd64M			*LAB**ddx64M (x=LabCh)					*rgb**ddx361M			*LAB**ddx361M (x=LabCh)					*rgb**dsx361M			*LAB**dsx361M (x=LabCh)					*rgb**dex361M			*LAB**dex361M					rgb*$_{dd}$	rgb*$_{ds}$	rgb*$_{de}$
33.7	30.0	25.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	47.0	59.8	39.9	71.9	33	1.0	0.0	0.136	46.6	59.4	34.3	68.6	30	1.0	0.0	0.245	46.3	59.2	28.2	65.6	25			
44.9	37.5	33.8	1.0	0.125	0.0	52.8	54.4	54.4	77.0	44.9	1.0	0.117	0.0	52.5	55.0	53.5	76.7	44	1.0	0.036	0.0	48.7	58.6	44.2	73.4	37	1.0	0.0	0.017	46.9	59.8	39.2	71.5	33			
57.4	45.0	42.1	1.0	0.25	0.0	60.3	39.3	61.7	73.2	57.4	1.0	0.25	0.0	60.4	39.4	61.7	73.2	57	1.0	0.125	0.0	52.9	54.5	54.5	77.0	45	1.0	0.094	0.0	51.4	56.1	50.9	75.8	42			
68.0	52.5	50.5	1.0	0.375	0.0	66.7	27.3	67.8	73.1	68.0	1.0	0.367	0.0	66.3	28.2	67.5	73.2	67	1.0	0.195	0.0	57.1	46.1	59.0	74.9	52	1.0	0.175	0.0	55.9	48.5	57.8	75.5	49			
76.7	60.0	58.8	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7	1.0	0.5	0.0	72.2	17.2	72.8	74.8	76	1.0	0.28	0.0	61.9	36.6	63.4	73.2	60	1.0	0.267	0.0	61.2	37.8	62.7	73.2	58			
82.3	67.5	67.2	1.0	0.625	0.0	76.0	10.3	76.7	77.4	82.3	1.0	0.617	0.0	75.8	10.8	76.5	77.2	81	1.0	0.363	0.0	66.1	28.6	67.4	73.2	67	1.0	0.359	0.0	65.9	29.0	67.2	73.2	66			
90.7	75.0	75.6	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	90.7	1.0	0.75	0.0	82.8	−0.9	79.6	79.6	−269	1.0	0.475	0.0	71.1	19.3	71.9	74.5	75	1.0	0.484	0.0	71.5	18.5	72.2	74.6	75			
95.4	82.5	83.9	1.0	0.875	0.0	86.9	−7.0	73.8	74.1	95.4	1.0	0.867	0.0	86.7	−6.6	74.2	74.5	95	1.0	0.618	0.0	75.8	10.8	76.5	77.3	82	1.0	0.641	0.0	76.9	8.9	77.2	77.7	83			
99.7	90.0	92.3	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	1.0	1.0	0.0	91.3	−14.4	84.2	85.4	99	1.0	0.739	0.0	82.2	0.0	79.4	79.4	90	1.0	0.792	0.0	84.2	−3.0	77.7	77.8	92			
100.7	97.5	101.0	0.875	1.0	0.0	92.9	−17.5	92.9	94.5	100.7	0.883	1.0	0.0	92.9	−17.3	92.4	94.0	100	1.0	0.92	0.0	88.5	−9.4	77.6	78.2	97	0.907	1.0	0.0	92.6	−16.7	90.7	92.2	100			
104.0	105.0	109.7	0.75	1.0	0.0	89.2	−22.0	88.4	91.1	104.0	0.75	1.0	0.0	89.3	−22.0	88.5	91.2	104	0.734	1.0	0.0	88.3	−23.2	86.9	89.9	105	0.656	1.0	0.0	83.3	−28.3	78.9	83.8	109			
111.6	112.5	118.5	0.625	1.0	0.0	81.2	−30.0	75.6	81.4	111.6	0.633	1.0	0.0	81.8	−29.5	76.5	82.1	111	0.62	1.0	0.0	81.0	−30.3	75.3	81.2	112	0.535	1.0	0.0	76.1	−36.0	68.0	77.0	117			
120.4	120.0	127.2	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4	0.5	1.0	0.0	74.0	−38.0	64.9	75.2	120	0.506	1.0	0.0	74.3	−37.7	65.4	75.5	120	0.38	1.0	0.0	69.6	−43.7	57.5	72.3	127			
127.5	127.5	136.0	0.375	1.0	0.0	69.3	−44.0	57.2	72.1	127.5	0.383	1.0	0.0	69.7	−43.5	57.7	72.4	127	0.385	1.0	0.0	69.7	−43.5	57.8	72.4	127	0.298	1.0	0.0	64.9	−50.2	49.6	70.7	135			
140.2	135.0	144.7	0.25	1.0	0.0	62.2	−53.6	44.5	69.7	140.2	0.25	1.0	0.0	62.2	−53.5	44.6	69.7	140	0.302	1.0	0.0	65.2	−49.9	50.0	70.7	135	0.181	1.0	0.0	60.0	−57.1	40.4	70.0	144			
148.3	142.5	153.4	0.125	1.0	0.0	58.1	−59.8	36.8	70.3	148.3	0.133	1.0	0.0	58.4	−59.4	37.4	70.3	147	0.223	1.0	0.0	61.4	−54.9	43.0	69.8	142	0.011	1.0	0.0	55.5	−64.2	32.9	72.2	152			
153.3	150.0	162.2	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	1.0	0.0	55.3	−64.6	32.5	72.4	153	0.084	1.0	0.0	57.2	−61.4	35.5	71.0	150	0.0	1.0	0.153	54.7	−62.6	20.1	65.9	162			
160.6	157.5	169.0	0.0	1.0	0.125	54.5	−63.4	22.2	67.2	160.6	0.0	1.0	0.117	54.6	−63.5	22.9	67.6	160	0.0	1.0	0.062	54.9	−64.2	27.3	69.9	157	0.0	1.0	0.267	55.1	−59.2	11.9	60.4	168			
167.5	165.0	175.9	0.0	1.0	0.25	54.9	−59.7	13.1	61.1	167.5	0.0	1.0	0.25	55.0	−59.6	13.1	61.1	167	0.0	1.0	0.203	54.8	−61.2	16.4	63.4	165	0.0	1.0	0.382	55.6	−55.3	4.0	55.5	175			
175.3	172.5	182.7	0.0	1.0	0.375	55.5	−55.6	4.5	55.8	175.3	0.0	1.0	0.367	55.5	−55.8	5.0	56.2	174	0.0	1.0	0.321	55.3	−57.5	8.1	58.1	172	0.0	1.0	0.463	56.3	−51.9	−2.0	52.1	182			
185.1	180.0	189.6	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1	0.0	1.0	0.5	56.6	−50.2	−4.4	50.5	185	0.0	1.0	0.434	56.0	−53.2	0.0	53.3	180	0.0	1.0	0.549	56.8	−48.3	−8.1	49.1	189			
196.4	187.5	196.4	0.0	1.0	0.625	57.0	−45.0	−13.2	46.9	196.4	0.0	1.0	0.617	57.1	−45.3	−12.7	47.2	195	0.0	1.0	0.52	56.7	−49.5	−6.0	50.0	187	0.0	1.0	0.62	57.1	−45.2	−12.9	47.1	195			
206.0	195.0	203.2	0.0	1.0	0.75	56.9	−41.2	−20.2	45.9	206.0	0.0	1.0	0.75	56.9	−41.2	−20.1	46.0	206	0.0	1.0	0.609	57.0	−45.7	−12.2	47.4	195	0.0	1.0	0.714	57.0	−42.4	−18.2	46.3	203			
217.5	202.5	210.1	0.0	1.0	0.875	55.8	−37.7	−29.0	47.6	217.5	0.0	1.0	0.867	55.9	−37.9	−28.4	47.5	216	0.0	1.0	0.697	57.0	−42.9	−17.3	46.4	202	0.0	1.0	0.789	56.6	−40.3	−22.9	46.5	209			
230.7	210.0	216.9	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	0.0	1.0	1.0	53.0	−32.9	−40.3	52.2	230	0.0	1.0	0.792	56.6	−40.2	−23.2	46.5	210	0.0	1.0	0.868	55.9	−37.9	−28.5	47.5	216			
234.3	217.5	223.8	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3	0.0	0.883	1.0	52.6	−31.2	−43.1	53.3	234	0.0	1.0	0.869	55.9	−37.9	−28.5	47.5	217	0.0	1.0	0.93	54.6	−36.0	−34.0	49.6	223			
240.4	225.0	230.6	0.0	0.75	1.0	52.6	−27.0	−47.6	54.7	240.4	0.0	0.75	1.0	52.7	−26.9	−47.5	54.7	240	0.0	1.0	0.945	54.3	−35.4	−35.4	50.2	225	0.0	1.0	0.999	53.1	−32.9	−40.2	52.1	230			
248.0	232.5	237.5	0.0	0.625	1.0	50.0	−20.1	−50.0	53.9	248.0	0.0	0.633	1.0	50.2	−20.5	−49.8	54.0	247	0.0	0.957	1.0	52.9	−32.3	−41.3	52.6	232	0.0	0.819	1.0	52.6	−29.3	−45.2	54.0	237			
255.4	240.0	244.3	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4	0.0	0.5	1.0	45.7	−12.9	−50.2	52.0	255	0.0	0.759	1.0	52.7	−27.2	−47.2	54.7	240	0.0	0.686	1.0	51.3	−23.4	−48.9	54.4	244			
263.5	247.5	251.2	0.0	0.375	1.0	41.6	−5.5	−49.5	49.8	263.5	0.0	0.383	1.0	42.0	−6.0	−49.5	50.0	263	0.0	0.642	1.0	50.4	−21.0	−49.7	54.1	247	0.0	0.58	1.0	48.4	−17.5	−50.2	53.3	250			
274.9	255.0	258.0	0.0	0.25	1.0	36.0	4.2	−49.4	49.6	274.9	0.0	0.25	1.0	36.0	4.2	−49.3	49.6	274	0.0	0.508	1.0	46.0	−13.4	−50.2	52.1	255	0.0	0.46	1.0	44.4	−10.5	−50.1	51.3	258			
287.4	262.5	264.8	0.0	0.125	1.0	34.6	14.4	−45.8	48.0	287.4	0.0	0.133	1.0	34.7	13.8	−46.0	48.1	286	0.0	0.399	1.0	42.5	−6.9	−49.7	50.3	262	0.0	0.366	1.0	41.3	−4.7	−49.5	49.8	264			
299.6	270.0	271.7	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	0.0	0.0	1.0	31.8	24.7	−43.3	49.9	299	0.0	0.304	1.0	38.5	0.0	−49.6	49.7	270	0.0	0.285	1.0	37.6	1.5	−49.6	49.7	271			
307.7	277.5	278.8	0.125	0.0	1.0	31.2	31.5	−40.6	51.4	307.7	0.117	0.0	1.0	31.3	31.1	−40.8	51.3	307	0.0	0.229	1.0	35.8	6.0	−48.9	49.4	277	0.0	0.216	1.0	35.6	7.2	−48.6	49.2	278			
317.3	285.0	285.9	0.25	0.0	1.0	31.2	39.0	−35.9	53.1	317.3	0.25	0.0	1.0	31.3	39.1	−35.9	53.1	317	0.0	0.15	1.0	34.9	12.5	−46.6	48.4	285	0.0	0.14	1.0	34.8	13.3	−46.3	48.2	285			
324.8	292.5	293.0	0.375	0.0	1.0	33.4	45.6	−32.1	55.7	324.8	0.367	0.0	1.0	33.3	45.2	−32.3	55.6	324	0.0	0.078	1.0	33.6	18.3	−45.1	48.7	292	0.0	0.072	1.0	33.4	18.8	−45.0	48.8	292			
329.9	300.0	300.1	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9	0.5	0.0	1.0	36.0	50.0	−28.9	57.8	329	0.006	0.0	1.0	31.8	25.0	−43.2	50.0	300	0.009	0.0	1.0	31.8	25.1	−43.1	50.0	300			
336.0	307.5	307.2	0.625	0.0	1.0	38.7	55.4	−24.5	60.6	336.0	0.617	0.0	1.0	38.6	55.1	−24.8	60.5	335	0.113	0.0	1.0	31.3	30.9	−40.9	51.3	307	0.11	0.0	1.0	31.3	30.7	−40.9	51.3	306			
342.3	315.0	314.3	0.75	0.0	1.0	41.7	60.2	−19.1	63.1	342.3	0.75	0.0	1.0	41.8	60.2	−19.0	63.2	342	0.219	0.0	1.0	31.3	37.3	−37.2	52.7	315	0.211	0.0	1.0	31.3	36.8	−37.5	52.6	314			
346.1	322.5	321.4	0.875	0.0	1.0	44.4	64.8	−16.0	66.8	346.1	0.867	0.0	1.0	44.3	64.6	−16.2	66.6	345	0.327	0.0	1.0	32.6	43.2	−33.6	54.8	322	0.311	0.0	1.0	32.3	42.3	−34.1	54.4	321			
351.1	330.0	328.6	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	1.0	0.0	1.0	47.7	70.4	−10.8	71.2	351	0.502	0.0	1.0	36.0	50.1	−28.8	57.9	330	0.468	0.0	1.0	35.3	48.9	−29.7	57.3	328			
352.4	337.5	335.7	1.0	0.0	0.875	47.1	70.0	−9.2	70.6	352.4	1.0	0.0	0.883	47.2	70.0	−9.3	70.7	352	0.643	0.0	1.0	39.2	56.2	−23.7	61.0	337	0.608	0.0	1.0	38.4	54.7	−25.1	60.3	335			
357.3	345.0	342.8	1.0	0.0	0.75	46.2	67.7	−3.0	67.7	357.3	1.0	0.0	0.75	46.2	67.7	−3.0	67.8	357	0.838	0.0	1.0	43.7	63.5	−16.9	65.7	345	0.765	0.0	1.0	42.1	60.8	−18.7	63.6	342			
364.1	352.5	349.9	1.0	0.0	0.625	46.2	65.0	4.7	65.1	364.1	1.0	0.0	0.633	46.3	65.2	4.2	65.3	363	1.0	0.0	0.92	47.4	70.2	−9.8	70.9	352	0.958	0.0	1.0	46.6	68.6	−12.7	69.7	349			
371.0	360.0	357.0	1.0	0.0	0.5	45.8	62.3	12.1	63.5	371.0	1.0	0.0	0.5	45.9	62.4	12.2	63.5	371	1.0	0.0	0.702	46.2	66.8	0.0	66.8	360	1.0	0.0	0.914	47.4	70.1	−9.7	70.8	352			
378.0	367.5	364.1	1.0	0.0	0.375	45.9	60.1	19.6	63.3	378.0	1.0	0.0	0.383	46.0	60.4	19.1	63.3	377	1.0	0.0	0.573	46.1	64.0	7.9	64.5	367	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359			
385.2	375.0	371.2	1.0	0.0	0.25	46.2	59.2	27.9	65.4	385.2	1.0	0.0	0.25	46.3	59.2	27.9	65.5	385	1.0	0.0	0.429	45.9	61.3	16.4	63.4	375	1.0	0.0	0.541	46.0	63.3	9.8	64.1	368			
390.4	382.5	378.3	1.0	0.0	0.125	46.6	59.3	34.8	68.8	390.4	1.0	0.0	0.133	46.6	59.4	34.4	68.6	390	1.0	0.0	0.307	46.1	59.8	24.2	64.5	382	1.0	0.0	0.402	45.9	60.7	18.1	63.4	376			
393.7	390.0	385.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	393.7	1.0	0.0	0.0	47.0	59.8	39.9	71.9	393	1.0	0.0	0.136	46.6	59.4	34.3	68.6	390	1.0	0.0	0.245	46.3	59.2	28.2	65.6	385			

RE730−70 1−003730−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 8/33

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

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

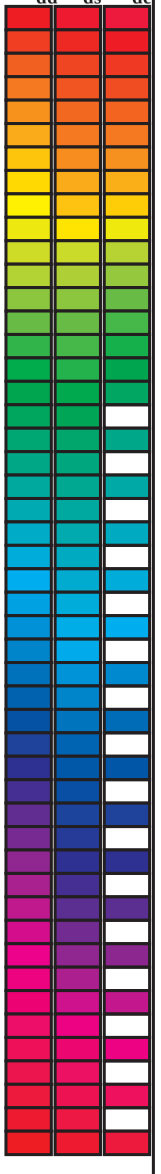
see similar files: http://130.149.60.45/~farbmetrik/RE73/RE73.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

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

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

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



TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta
see similar files: http://130.149.60.45/~farbmetrik/RE73/RE73.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

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

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

RE730−70 1−003930−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 10/33

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

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

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

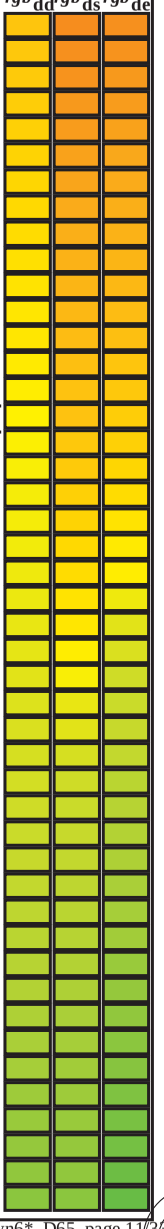
TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

1−003930−F0

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)						*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
−269	75	75	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	−269	R_d	1.0	0.475	0.0	71.1	19.3	71.9	74.5	75	1.0	0.75	0.0	1.0	0.484	0.0	71.5	18.5	72.2	74.6	75	1.0	0.75	0.0			
91	76	76	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91		1.0	0.49	0.0	71.7	18.1	72.4	74.7	76	1.0	0.767	0.0	1.0	0.5	0.0	72.2	17.2	72.8	74.8	76	1.0	0.767	0.0			
91	77	77	1.0	0.783	0.0	83.8	−2.7	78.1	78.1	91		1.0	0.506	0.0	72.4	16.9	73.0	74.9	77	1.0	0.783	0.0	1.0	0.525	0.0	73.0	15.9	73.6	75.3	77	1.0	0.783	0.0			
92	78	78	1.0	0.8	0.0	84.4	−3.5	77.3	77.4	92		1.0	0.529	0.0	73.1	15.7	73.7	75.4	78	1.0	0.8	0.0	1.0	0.55	0.0	73.7	14.5	74.4	75.8	78	1.0	0.8	0.0			
93	79	80	1.0	0.816	0.0	84.9	−4.3	76.5	76.7	93		1.0	0.551	0.0	73.8	14.5	74.5	75.9	79	1.0	0.817	0.0	1.0	0.575	0.0	74.5	13.2	75.2	76.4	80	1.0	0.817	0.0			
93	80	81	1.0	0.833	0.0	85.5	−5.1	75.8	75.9	93		1.0	0.573	0.0	74.5	13.3	75.2	76.3	80	1.0	0.833	0.0	1.0	0.6	0.0	75.3	11.8	76.0	76.9	81	1.0	0.833	0.0			
94	81	82	1.0	0.85	0.0	86.1	−5.9	75.0	75.2	94		1.0	0.596	0.0	75.2	12.0	75.9	76.8	81	1.0	0.85	0.0	1.0	0.625	0.0	76.0	10.4	76.7	77.4	82	1.0	0.85	0.0			
95	82	83	1.0	0.866	0.0	86.6	−6.6	74.2	74.5	95		1.0	0.618	0.0	75.8	10.8	76.5	77.3	82	1.0	0.867	0.0	1.0	0.641	0.0	76.9	8.9	77.2	77.7	83	1.0	0.867	0.0			
95	83	84	1.0	0.883	0.0	87.2	−7.4	74.5	74.9	95		1.0	0.635	0.0	76.6	9.5	77.0	77.6	83	1.0	0.883	0.0	1.0	0.658	0.0	77.8	7.5	77.6	78.0	84	1.0	0.883	0.0			
96	84	85	1.0	0.9	0.0	87.8	−8.4	75.9	76.4	96		1.0	0.65	0.0	77.4	8.1	77.4	77.9	84	1.0	0.9	0.0	1.0	0.674	0.0	78.7	6.0	78.1	78.3	85	1.0	0.9	0.0			
96	85	86	1.0	0.916	0.0	88.4	−9.3	77.3	77.9	96		1.0	0.665	0.0	78.2	6.8	77.8	78.1	85	1.0	0.917	0.0	1.0	0.691	0.0	79.6	4.5	78.4	78.6	86	1.0	0.917	0.0			
97	86	87	1.0	0.933	0.0	88.9	−10.3	78.7	79.4	97		1.0	0.68	0.0	79.0	5.5	78.2	78.4	86	1.0	0.933	0.0	1.0	0.707	0.0	80.5	2.9	78.8	78.9	87	1.0	0.933	0.0			
98	87	88	1.0	0.95	0.0	89.5	−11.3	80.1	80.9	98		1.0	0.695	0.0	79.8	4.1	78.5	78.6	87	1.0	0.95	0.0	1.0	0.724	0.0	81.4	1.4	79.1	79.1	88	1.0	0.95	0.0			
98	88	90	1.0	0.966	0.0	90.1	−12.3	81.4	82.4	98		1.0	0.709	0.0	80.6	2.8	78.8	78.9	88	1.0	0.967	0.0	1.0	0.74	0.0	82.2	0.0	79.4	79.4	90	1.0	0.967	0.0			
99	89	91	1.0	0.983	0.0	90.7	−13.4	82.8	83.9	99		1.0	0.724	0.0	81.4	1.4	79.1	79.2	89	1.0	0.983	0.0	1.0	0.762	0.0	83.2	−1.6	79.1	79.1	91	1.0	0.983	0.0			
99	90	92	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99	Y_d	1.0	0.739	0.0	82.2	0.0	79.4	79.4	90	Y_s	1.0	1.0	0.0	1.0	0.792	0.0	84.2	−3.0	77.7	77.8	92	Y_e	1.0	1.0	0.0			
99	91	93	0.983	1.0	0.0	91.5	−14.8	85.3	86.6	99		1.0	0.757	0.0	83.0	−1.3	79.3	79.3	91		0.983	1.0	0.0	1.0	0.823	0.0	85.2	−4.5	76.3	76.4	93		0.983	1.0	0.0			
100	92	94	0.966	1.0	0.0	91.7	−15.2	86.5	87.8	100		1.0	0.784	0.0	83.9	−2.6	78.1	78.2	92		0.967	1.0	0.0	1.0	0.854	0.0	86.2	−6.0	74.9	75.1	94		0.967	1.0	0.0			
100	93	95	0.95	1.0	0.0	91.9	−15.6	87.6	89.0	100		1.0	0.81	0.0	84.8	−3.9	76.9	77.0	93		0.95	1.0	0.0	1.0	0.885	0.0	87.3	−7.5	74.7	75.1	95		0.95	1.0	0.0			
100	94	96	0.933	1.0	0.0	92.2	−16.1	88.8	90.3	100		1.0	0.837	0.0	85.7	−5.2	75.7	75.8	94		0.933	1.0	0.0	1.0	0.919	0.0	88.5	−9.4	77.6	78.1	96		0.933	1.0	0.0			
100	95	98	0.916	1.0	0.0	92.4	−16.5	90.0	91.5	100		1.0	0.863	0.0	86.6	−6.4	74.4	74.7	95		0.917	1.0	0.0	1.0	0.953	0.0	89.7	−11.4	80.3	81.2	98		0.917	1.0	0.0			
100	96	99	0.9	1.0	0.0	92.6	−16.9	91.1	92.7	100		1.0	0.891	0.0	87.5	−7.8	75.2	75.6	96		0.9	1.0	0.0	1.0	0.986	0.0	90.8	−13.5	83.1	84.2	99		0.9	1.0	0.0			
100	97	100	0.883	1.0	0.0	92.8	−17.3	92.3	93.9	100		1.0	0.92	0.0	88.5	−9.4	77.6	78.2	97		0.883	1.0	0.0	0.907	1.0	0.0	92.6	−16.7	90.7	92.2	100		0.883	1.0	0.0			
100	98	101	0.866	1.0	0.0	92.7	−17.8	92.6	94.3	100		1.0	0.949	0.0	89.5	−11.1	80.0	80.8	98		0.867	1.0	0.0	0.84	1.0	0.0	92.0	−18.8	91.7	93.6	101		0.867	1.0	0.0			
101	99	102	0.85	1.0	0.0	92.2	−18.5	92.0	93.9	101		1.0	0.978	0.0	90.5	−12.9	82.4	83.4	99		0.85	1.0	0.0	0.796	1.0	0.0	90.7	−20.4	90.1	92.4	102		0.85	1.0	0.0			
101	100	103	0.833	1.0	0.0	91.7	−19.1	91.4	93.4	101		0.97	1.0	0.0	91.7	−15.1	86.3	87.6	100		0.833	1.0	0.0	0.752	1.0	0.0	89.4	−21.9	88.5	91.2	103		0.833	1.0	0.0			
102	101	105	0.816	1.0	0.0	91.2	−19.7	90.8	92.9	102		0.864	1.0	0.0	92.7	−17.9	92.6	94.3	101		0.817	1.0	0.0	0.732	1.0	0.0	88.1	−23.3	86.7	89.8	105		0.817	1.0	0.0			
102	102	106	0.8	1.0	0.0	90.7	−20.3	90.2	92.5	102		0.826	1.0	0.0	91.6	−19.3	91.2	93.3	102		0.8	1.0	0.0	0.713	1.0	0.0	86.9	−24.7	84.7	88.3	106		0.8	1.0	0.0			
103	103	107	0.783	1.0	0.0	90.2	−20.9	89.6	92.0	103		0.789	1.0	0.0	90.4	−20.6	89.9	92.2	103		0.783	1.0	0.0	0.694	1.0	0.0	85.7	−25.9	82.8	86.8	107		0.783	1.0	0.0			
103	104	108	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103		0.751	1.0	0.0	89.3	−22.0	88.5	91.2	104		0.767	1.0	0.0	0.675	1.0	0.0	84.5	−27.1	80.8	85.3	108		0.767	1.0	0.0			
104	105	109	0.75	1.0	0.0	89.2	−22.0	88.4	91.1	104		0.734	1.0	0.0	88.3	−23.2	86.9	89.9	105		0.75	1.0	0.0	0.656	1.0	0.0	83.3	−28.3	78.9	83.8	109		0.75	1.0	0.0			
105	106	110	0.733	1.0	0.0	88.2	−23.3	86.7	89.8	105		0.718	1.0	0.0	87.2	−24.3	85.2	88.7	106		0.733	1.0	0.0	0.637	1.0	0.0	82.0	−29.3	76.9	82.3	110		0.733	1.0	0.0			
106	107	112	0.716	1.0	0.0	87.1	−24.5	85.1	88.5	106		0.701	1.0	0.0	86.2	−25.4	83.6	87.4	107		0.717	1.0	0.0	0.619	1.0	0.0	80.9	−30.4	75.1	81.1	112		0.717	1.0	0.0			
107	108	113	0.7	1.0	0.0	86.0	−25.6	83.4	87.2	107		0.685	1.0	0.0	85.1	−26.5	81.9	86.1	108		0.7	1.0	0.0	0.602	1.0	0.0	79.9	−31.6	73.7	80.3	113		0.7	1.0	0.0			
108	109	114	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108		0.669	1.0	0.0	84.1	−27.5	80.2	84.8	109		0.683	1.0	0.0	0.585	1.0	0.0	79.0	−32.8	72.3	79.4	114		0.683	1.0	0.0			
109	110	115	0.666	1.0	0.0	83.9	−27.7	79.9	84.6	109		0.652	1.0	0.0	83.0	−28.5	78.5	83.6	110		0.667	1.0	0.0	0.569	1.0	0.0	78.0	−33.9	70.9	78.6	115		0.667	1.0	0.0			
110	111	116	0.65	1.0	0.0	82.8	−28.7	78.2	83.3	110		0.636	1.0	0.0	82.0	−29.4	76.8	82.3	111		0.65	1.0	0.0	0.552	1.0	0.0	77.0	−35.0	69.4	77.8	116		0.65	1.0	0.0			
111	112	117	0.633	1.0	0.0	81.8	−29.6	76.5	82.0	111		0.62	1.0	0.0	81.0	−30.3	75.3	81.2	112		0.633	1.0	0.0	0.535	1.0	0.0	76.1	−36.0	68.0	77.0	117		0.633	1.0	0.0			
112	113	119	0.616	1.0	0.0	80.7	−30.6	74.9	80.9	112		0.606	1.0	0.0	80.2	−31.3	74.1	80.5	113		0.617	1.0	0.0	0.519	1.0	0.0	75.1	−36.9	66.5	76.1	119		0.617	1.0	0.0			
113	114	120	0.6	1.0	0.0	79.8	−31.8	73.5	80.1	113		0.592	1.0	0.0	79.3	−32.3	72.9	79.8	114		0.6	1.0	0.0	0.502	1.0	0.0	74.1	−37.9	65.0	75.3	120		0.6	1.0	0.0			
114	115	121	0.583	1.0	0.0	78.8	−33.0	72.1	79.3	114		0.578	1.0	0.0	78.5	−33.3	71.6	79.1	115		0.583	1.0	0.0	0.482	1.0	0.0	73.3	−38.9	63.8	74.8	121		0.583	1.0	0.0			
115	116	122	0.566	1.0	0.0	77.8	−34.1	70.7	78.5	115		0.563	1.0	0.0	77.7	−34.2	70.4	78.3	116		0.567	1.0	0.0	0.462	1.0	0.0	72.6	−39.9	62.6	74.3	122		0.567	1.0	0.0			
116	117	123	0.55	1.0	0.0	76.9	−35.1	69.2	77.6	116		0.549	1.0	0.0	76.8	−35.1	69.2	77.6	117		0.55	1.0	0.0	0.441	1.0	0.0	71.8	−40.9	61.3	73.8	123		0.55	1.0	0.0			
118	118	124	0.533	1.0	0.0	75.9	−36.1	67.8	76.8	118		0.535	1.0	0.0	76.0	−36.0	67.9	76.9	118		0.533	1.0	0.0	0.421	1.0	0.0	71.1	−41.9	60.1	73.3	124		0.533	1.0	0.0			
119	119	126	0.516	1.0	0.0	74.9	−37.1	66.3	76.0	119		0.52	1.0	0.0	75.2	−36.9	66.7	76.2	119		0.517	1.0	0.0	0.401	1.0	0.0	70.3	−42.8	58.8	72.8	126		0.517	1.0	0.0			
120	120	127	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120		0.506	1.0	0.0	74.3	−37.7	65.4	75.5	120		0.5	1.0	0.0	0.38	1.0	0.0	69.6	−43.7	57.5	72.3	127		0.5	1.0	0.0			



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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

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

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

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

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

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

RE730−70 1−0031130−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 12/33

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

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

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd361M			*LAB** ddx361Mi (x=LabCh)					*rgb** ds361Mi			*LAB** dsx361Mi (x=LabCh)					*rgb** dd361Mi			*rgb** de361Mi			*LAB** dex361Mi (x=LabCh)					*rgb** dd361Mi			*rgb**$_{dd}$	*rgb**$_{ds}$	*rgb**$_{de}$
167	165	175	0.0	1.0	0.25	54.9	−59.7	13.1	61.1	167	0.0	1.0	0.203	54.8	−61.2	16.4	63.4	165	0.0	1.0	0.25	0.0	1.0	0.382	55.6	−55.3	4.0	55.5	175	0.0	1.0	0.25			
168	166	176	0.0	1.0	0.266	55.0	−59.2	11.9	60.4	168	0.0	1.0	0.221	54.9	−60.6	15.1	62.5	166	0.0	1.0	0.267	0.0	1.0	0.394	55.7	−54.8	3.0	55.0	176	0.0	1.0	0.267			
169	167	177	0.0	1.0	0.283	55.1	−58.7	10.7	59.7	169	0.0	1.0	0.239	54.9	−60.0	13.9	61.7	167	0.0	1.0	0.283	0.0	1.0	0.405	55.8	−54.4	2.2	54.5	177	0.0	1.0	0.283			
170	168	178	0.0	1.0	0.3	55.1	−58.2	9.5	59.0	170	0.0	1.0	0.257	55.0	−59.4	12.7	60.9	168	0.0	1.0	0.3	0.0	1.0	0.417	55.9	−53.9	1.3	54.0	178	0.0	1.0	0.3			
171	169	179	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171	0.0	1.0	0.273	55.1	−59.0	11.5	60.2	169	0.0	1.0	0.317	0.0	1.0	0.428	56.0	−53.5	0.4	53.6	179	0.0	1.0	0.317			
172	170	180	0.0	1.0	0.333	55.3	−57.1	7.2	57.5	172	0.0	1.0	0.289	55.1	−58.5	10.3	59.5	170	0.0	1.0	0.333	0.0	1.0	0.44	56.1	−53.0	−0.3	53.1	180	0.0	1.0	0.333			
173	171	181	0.0	1.0	0.35	55.4	−56.5	6.1	56.8	173	0.0	1.0	0.305	55.2	−58.0	9.2	58.8	171	0.0	1.0	0.35	0.0	1.0	0.452	56.2	−52.5	−1.2	52.6	181	0.0	1.0	0.35			
174	172	182	0.0	1.0	0.366	55.4	−55.9	5.0	56.1	174	0.0	1.0	0.321	55.3	−57.5	8.1	58.1	172	0.0	1.0	0.367	0.0	1.0	0.463	56.3	−51.9	−2.0	52.1	182	0.0	1.0	0.367			
176	173	183	0.0	1.0	0.383	55.5	−55.3	3.8	55.4	176	0.0	1.0	0.337	55.4	−56.9	7.0	57.4	173	0.0	1.0	0.383	0.0	1.0	0.475	56.4	−51.4	−2.8	51.6	183	0.0	1.0	0.383			
177	174	184	0.0	1.0	0.4	55.7	−54.6	2.5	54.7	177	0.0	1.0	0.353	55.4	−56.3	5.9	56.8	174	0.0	1.0	0.4	0.0	1.0	0.487	56.5	−50.9	−3.6	51.1	184	0.0	1.0	0.4			
178	175	185	0.0	1.0	0.416	55.8	−54.0	1.2	54.0	178	0.0	1.0	0.369	55.5	−55.8	4.9	56.1	175	0.0	1.0	0.417	0.0	1.0	0.498	56.6	−50.3	−4.3	50.6	185	0.0	1.0	0.417			
179	176	185	0.0	1.0	0.433	56.0	−53.3	0.0	53.3	179	0.0	1.0	0.383	55.6	−55.2	3.9	55.5	176	0.0	1.0	0.433	0.0	1.0	0.509	56.6	−49.9	−5.1	50.3	185	0.0	1.0	0.433			
181	177	186	0.0	1.0	0.45	56.1	−52.6	−1.1	52.6	181	0.0	1.0	0.396	55.7	−54.8	2.9	54.9	177	0.0	1.0	0.45	0.0	1.0	0.519	56.7	−49.5	−5.9	50.0	186	0.0	1.0	0.45			
182	178	187	0.0	1.0	0.466	56.3	−51.8	−2.3	51.9	182	0.0	1.0	0.409	55.8	−54.3	1.9	54.4	178	0.0	1.0	0.467	0.0	1.0	0.529	56.7	−49.1	−6.6	49.7	187	0.0	1.0	0.467			
183	179	188	0.0	1.0	0.483	56.4	−51.1	−3.4	51.2	183	0.0	1.0	0.421	55.9	−53.8	0.9	53.9	179	0.0	1.0	0.483	0.0	1.0	0.539	56.8	−48.7	−7.4	49.4	188	0.0	1.0	0.483			
185	180	189	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185	0.0	1.0	0.434	56.0	−53.2	0.0	53.3	180	0.0	1.0	0.5	0.0	1.0	0.549	56.8	−48.3	−8.1	49.1	189	0.0	1.0	0.5			
186	181	190	0.0	1.0	0.516	56.6	−49.7	−5.8	50.0	186	0.0	1.0	0.447	56.1	−52.7	−0.8	52.8	181	0.0	1.0	0.517	0.0	1.0	0.559	56.8	−47.9	−8.8	48.8	190	0.0	1.0	0.517			
188	182	191	0.0	1.0	0.533	56.7	−49.0	−7.0	49.5	188	0.0	1.0	0.46	56.3	−52.1	−1.7	52.2	182	0.0	1.0	0.533	0.0	1.0	0.569	56.9	−47.5	−9.5	48.5	191	0.0	1.0	0.533			
189	183	192	0.0	1.0	0.55	56.7	−48.4	−8.2	49.1	189	0.0	1.0	0.472	56.4	−51.5	−2.6	51.7	183	0.0	1.0	0.55	0.0	1.0	0.58	56.9	−47.0	−10.2	48.3	192	0.0	1.0	0.55			
191	184	193	0.0	1.0	0.566	56.8	−47.7	−9.4	48.6	191	0.0	1.0	0.485	56.5	−50.9	−3.5	51.2	184	0.0	1.0	0.567	0.0	1.0	0.59	57.0	−46.6	−10.9	48.0	193	0.0	1.0	0.567			
192	185	194	0.0	1.0	0.583	56.9	−46.9	−10.5	48.1	192	0.0	1.0	0.498	56.6	−50.3	−4.3	50.6	185	0.0	1.0	0.583	0.0	1.0	0.6	57.0	−46.1	−11.6	47.7	194	0.0	1.0	0.583			
194	186	195	0.0	1.0	0.6	56.9	−46.2	−11.6	47.6	194	0.0	1.0	0.509	56.6	−49.9	−5.2	50.3	186	0.0	1.0	0.6	0.0	1.0	0.61	57.0	−45.7	−12.2	47.4	195	0.0	1.0	0.6			
195	187	195	0.0	1.0	0.616	57.0	−45.4	−12.7	47.1	195	0.0	1.0	0.52	56.7	−49.5	−6.0	50.0	187	0.0	1.0	0.617	0.0	1.0	0.62	57.1	−45.2	−12.9	47.1	195	0.0	1.0	0.617			
197	188	196	0.0	1.0	0.633	57.0	−44.8	−13.7	46.8	197	0.0	1.0	0.531	56.7	−49.1	−6.8	49.6	188	0.0	1.0	0.633	0.0	1.0	0.631	57.1	−44.8	−13.5	46.9	196	0.0	1.0	0.633			
198	189	197	0.0	1.0	0.65	57.0	−44.3	−14.7	46.7	198	0.0	1.0	0.543	56.8	−48.6	−7.6	49.3	189	0.0	1.0	0.65	0.0	1.0	0.643	57.1	−44.5	−14.2	46.8	197	0.0	1.0	0.65			
199	190	198	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199	0.0	1.0	0.554	56.8	−48.2	−8.4	49.0	190	0.0	1.0	0.667	0.0	1.0	0.655	57.1	−44.1	−14.9	46.7	198	0.0	1.0	0.667			
200	191	199	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200	0.0	1.0	0.565	56.9	−47.7	−9.2	48.7	191	0.0	1.0	0.683	0.0	1.0	0.666	57.0	−43.8	−15.6	46.6	199	0.0	1.0	0.683			
202	192	200	0.0	1.0	0.7	56.9	−42.9	−17.5	46.3	202	0.0	1.0	0.576	56.9	−47.2	−10.0	48.4	192	0.0	1.0	0.7	0.0	1.0	0.678	57.0	−43.5	−16.2	46.5	200	0.0	1.0	0.7			
203	193	201	0.0	1.0	0.716	56.9	−42.3	−18.4	46.2	203	0.0	1.0	0.587	56.9	−46.7	−10.7	48.0	193	0.0	1.0	0.717	0.0	1.0	0.69	57.0	−43.1	−16.9	46.4	201	0.0	1.0	0.717			
204	194	202	0.0	1.0	0.733	56.9	−41.8	−19.3	46.1	204	0.0	1.0	0.598	57.0	−46.2	−11.4	47.7	194	0.0	1.0	0.733	0.0	1.0	0.702	57.0	−42.8	−17.5	46.4	202	0.0	1.0	0.733			
206	195	203	0.0	1.0	0.75	56.9	−41.2	−20.2	45.9	206	0.0	1.0	0.609	57.0	−45.7	−12.2	47.4	195	0.0	1.0	0.75	0.0	1.0	0.714	57.0	−42.4	−18.2	46.3	203	0.0	1.0	0.75			
207	196	204	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207	0.0	1.0	0.62	57.1	−45.2	−12.9	47.1	196	0.0	1.0	0.767	0.0	1.0	0.726	57.0	−42.0	−18.8	46.2	204	0.0	1.0	0.767			
209	197	205	0.0	1.0	0.783	56.6	−40.5	−22.6	46.4	209	0.0	1.0	0.632	57.1	−44.7	−13.6	46.9	197	0.0	1.0	0.783	0.0	1.0	0.737	56.9	−41.6	−19.5	46.1	205	0.0	1.0	0.783			
210	198	206	0.0	1.0	0.8	56.4	−40.0	−23.8	46.6	210	0.0	1.0	0.645	57.1	−44.4	−14.4	46.8	198	0.0	1.0	0.8	0.0	1.0	0.749	56.9	−41.2	−20.1	46.0	206	0.0	1.0	0.8			
212	199	206	0.0	1.0	0.816	56.3	−39.6	−24.9	46.8	212	0.0	1.0	0.658	57.1	−44.1	−15.1	46.7	199	0.0	1.0	0.817	0.0	1.0	0.759	56.8	−41.0	−20.8	46.1	206	0.0	1.0	0.817			
213	200	207	0.0	1.0	0.833	56.1	−39.1	−26.1	47.0	213	0.0	1.0	0.671	57.0	−43.7	−15.8	46.6	200	0.0	1.0	0.833	0.0	1.0	0.769	56.8	−40.8	−21.5	46.2	207	0.0	1.0	0.833			
215	201	208	0.0	1.0	0.85	56.0	−38.5	−27.3	47.2	215	0.0	1.0	0.684	57.0	−43.3	−16.6	46.5	201	0.0	1.0	0.85	0.0	1.0	0.779	56.7	−40.5	−22.2	46.4	208	0.0	1.0	0.85			
216	202	209	0.0	1.0	0.866	55.9	−38.0	−28.4	47.5	216	0.0	1.0	0.697	57.0	−42.9	−17.3	46.4	202	0.0	1.0	0.867	0.0	1.0	0.789	56.6	−40.3	−22.9	46.5	209	0.0	1.0	0.867			
218	203	210	0.0	1.0	0.883	55.6	−37.5	−29.8	47.9	218	0.0	1.0	0.71	57.0	−42.5	−18.0	46.3	203	0.0	1.0	0.883	0.0	1.0	0.799	56.5	−40.0	−23.6	46.6	210	0.0	1.0	0.883			
220	204	211	0.0	1.0	0.9	55.2	−37.0	−31.3	48.5	220	0.0	1.0	0.723	57.0	−42.1	−18.7	46.2	204	0.0	1.0	0.9	0.0	1.0	0.809	56.4	−39.8	−24.3	46.7	211	0.0	1.0	0.9			
221	205	212	0.0	1.0	0.916	54.8	−36.5	−32.8	49.1	221	0.0	1.0	0.736	56.9	−41.7	−19.4	46.1	205	0.0	1.0	0.917	0.0	1.0	0.819	56.3	−39.5	−25.0	46.9	212	0.0	1.0	0.917			
223	206	213	0.0	1.0	0.933	54.5	−35.9	−34.3	49.7	223	0.0	1.0	0.749	56.9	−41.2	−20.1	46.0	206	0.0	1.0	0.933	0.0	1.0	0.829	56.2	−39.2	−25.7	47.0	213	0.0	1.0	0.933			
225	207	214	0.0	1.0	0.95	54.1	−35.2	−35.9	50.3	225	0.0	1.0	0.76	56.8	−41.0	−20.8	46.1	207	0.0	1.0	0.95	0.0	1.0	0.839	56.1	−38.9	−26.4	47.1	214	0.0	1.0	0.95			
227	208	215	0.0	1.0	0.966	53.7	−34.5	−37.4	50.9	227	0.0	1.0	0.771	56.7	−40.7	−21.6	46.2	208	0.0	1.0	0.967	0.0	1.0	0.848	56.1	−38.5	−27.1	47.3	215	0.0	1.0	0.967			
229	209	216	0.0	1.0	0.983	53.4	−33.8	−38.9	51.5	229	0.0	1.0	0.782	56.6	−40.5	−22.4	46.4	209	0.0	1.0	0.983	0.0	1.0	0.858	56.0	−38.2	−27.8	47.4	216	0.0	1.0	0.983			
230	210	216	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230	C_d	0.0	1.0	0.792	56.6	−40.2	−23.2	46.5	210	C_s	0.0	1.0	1.0	0.0	1.0	0.868	55.9	−37.9	−28.5	47.5	216	C_e	0.0	1.0	1.0			

RE730−70 1−0031230−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 13/33

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

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

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd361M			*LAB** ddx361Mi (x=LabCh)					C_d	*rgb** ds361Mi			*LAB** dsx361Mi (x=LabCh)					C_s	*rgb** dd361Mi			*rgb** de361Mi			*LAB** dex361Mi (x=LabCh)					C_e	*rgb** dd361Mi			*rgb*$_{dd}$	*rgb*$_{ds}$	*rgb*$_{de}$
230	210	216	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230		0.0	1.0	0.792	56.6	−40.2	−23.2	46.5	210		0.0	1.0	1.0	0.0	1.0	0.868	55.9	−37.9	−28.5	47.5	216		0.0	1.0	1.0			
231	211	217	0.0	0.983	1.0	52.9	−32.7	−40.8	52.3	231		0.0	1.0	0.803	56.5	−39.9	−23.9	46.7	211		0.0	0.983	1.0	0.0	1.0	0.878	55.8	−37.6	−29.2	47.7	217		0.0	0.983	1.0			
231	212	218	0.0	0.966	1.0	52.9	−32.5	−41.2	52.4	231		0.0	1.0	0.814	56.4	−39.6	−24.7	46.8	212		0.0	0.967	1.0	0.0	1.0	0.886	55.6	−37.3	−30.0	48.0	218		0.0	0.967	1.0			
232	213	219	0.0	0.95	1.0	52.8	−32.2	−41.6	52.6	232		0.0	1.0	0.825	56.3	−39.3	−25.5	47.0	213		0.0	0.95	1.0	0.0	1.0	0.895	55.4	−37.1	−30.8	48.4	219		0.0	0.95	1.0			
232	214	220	0.0	0.933	1.0	52.7	−32.0	−42.0	52.8	232		0.0	1.0	0.836	56.2	−39.0	−26.2	47.1	214		0.0	0.933	1.0	0.0	1.0	0.904	55.2	−36.8	−31.6	48.7	220		0.0	0.933	1.0			
233	215	221	0.0	0.916	1.0	52.7	−31.7	−42.4	52.9	233		0.0	1.0	0.847	56.1	−38.6	−27.0	47.2	215		0.0	0.917	1.0	0.0	1.0	0.912	55.0	−36.6	−32.4	49.0	221		0.0	0.917	1.0			
233	216	222	0.0	0.9	1.0	52.6	−31.5	−42.8	53.1	233		0.0	1.0	0.858	56.0	−38.2	−27.8	47.4	216		0.0	0.9	1.0	0.0	1.0	0.921	54.8	−36.3	−33.2	49.3	222		0.0	0.9	1.0			
234	217	223	0.0	0.883	1.0	52.5	−31.2	−43.1	53.3	234		0.0	1.0	0.869	55.9	−37.9	−28.5	47.5	217		0.0	0.883	1.0	0.0	1.0	0.93	54.6	−36.0	−34.0	49.6	223		0.0	0.883	1.0			
234	218	224	0.0	0.866	1.0	52.5	−30.8	−43.6	53.5	234		0.0	1.0	0.879	55.7	−37.5	−29.3	47.8	218		0.0	0.867	1.0	0.0	1.0	0.938	54.4	−35.6	−34.8	49.9	224		0.0	0.867	1.0			
235	219	225	0.0	0.85	1.0	52.5	−30.3	−44.2	53.6	235		0.0	1.0	0.888	55.5	−37.3	−30.2	48.1	219		0.0	0.85	1.0	0.0	1.0	0.947	54.2	−35.3	−35.5	50.2	225		0.0	0.85	1.0			
236	220	226	0.0	0.833	1.0	52.5	−29.8	−44.8	53.8	236		0.0	1.0	0.898	55.3	−37.0	−31.0	48.4	220		0.0	0.833	1.0	0.0	1.0	0.956	54.0	−34.9	−36.3	50.6	226		0.0	0.833	1.0			
237	221	227	0.0	0.816	1.0	52.6	−29.2	−45.4	54.0	237		0.0	1.0	0.907	55.1	−36.7	−31.9	48.8	221		0.0	0.817	1.0	0.0	1.0	0.964	53.8	−34.6	−37.1	50.9	227		0.0	0.817	1.0			
237	222	227	0.0	0.8	1.0	52.6	−28.7	−45.9	54.2	237		0.0	1.0	0.917	54.9	−36.4	−32.8	49.1	222		0.0	0.8	1.0	0.0	1.0	0.973	53.6	−34.2	−37.9	51.2	227		0.0	0.8	1.0			
238	223	228	0.0	0.783	1.0	52.6	−28.1	−46.5	54.3	238		0.0	1.0	0.926	54.7	−36.1	−33.6	49.5	223		0.0	0.783	1.0	0.0	1.0	0.982	53.4	−33.8	−38.7	51.5	228		0.0	0.783	1.0			
239	224	229	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239		0.0	1.0	0.936	54.5	−35.7	−34.5	49.8	224		0.0	0.767	1.0	0.0	1.0	0.99	53.2	−33.4	−39.4	51.8	229		0.0	0.767	1.0			
240	225	230	0.0	0.75	1.0	52.6	−27.0	−47.6	54.7	240		0.0	1.0	0.945	54.3	−35.4	−35.4	50.2	225		0.0	0.75	1.0	0.0	1.0	0.999	53.1	−32.9	−40.2	52.1	230		0.0	0.75	1.0			
241	226	231	0.0	0.733	1.0	52.3	−26.1	−48.0	54.6	241		0.0	1.0	0.955	54.0	−35.0	−36.2	50.5	226		0.0	0.733	1.0	0.0	0.972	1.0	52.9	−32.5	−41.0	52.4	231		0.0	0.733	1.0			
242	227	232	0.0	0.716	1.0	51.9	−25.2	−48.3	54.5	242		0.0	1.0	0.964	53.8	−34.6	−37.1	50.9	227		0.0	0.717	1.0	0.0	0.94	1.0	52.8	−32.0	−41.8	52.8	232		0.0	0.717	1.0			
243	228	233	0.0	0.7	1.0	51.6	−24.3	−48.7	54.4	243		0.0	1.0	0.974	53.6	−34.2	−38.0	51.2	228		0.0	0.7	1.0	0.0	0.907	1.0	52.7	−31.5	−42.5	53.1	233		0.0	0.7	1.0			
244	229	234	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244		0.0	1.0	0.983	53.4	−33.7	−38.8	51.5	229		0.0	0.683	1.0	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234		0.0	0.683	1.0			
245	230	235	0.0	0.666	1.0	50.9	−22.4	−49.3	54.2	245		0.0	1.0	0.993	53.2	−33.3	−39.7	51.9	230		0.0	0.667	1.0	0.0	0.857	1.0	52.6	−30.5	−43.9	53.6	235		0.0	0.667	1.0			
246	231	236	0.0	0.65	1.0	50.5	−21.5	−49.6	54.1	246		0.0	0.992	1.0	53.0	−32.8	−40.5	52.2	231		0.0	0.65	1.0	0.0	0.838	1.0	52.6	−29.9	−44.6	53.8	236		0.0	0.65	1.0			
247	232	237	0.0	0.633	1.0	50.1	−20.6	−49.9	54.0	247		0.0	0.957	1.0	52.9	−32.3	−41.3	52.6	232		0.0	0.633	1.0	0.0	0.819	1.0	52.6	−29.3	−45.2	54.0	237		0.0	0.633	1.0			
248	233	237	0.0	0.616	1.0	49.7	−19.6	−50.1	53.8	248		0.0	0.922	1.0	52.7	−31.8	−42.2	52.9	233		0.0	0.617	1.0	0.0	0.8	1.0	52.6	−28.7	−45.9	54.2	237		0.0	0.617	1.0			
249	234	238	0.0	0.6	1.0	49.1	−18.7	−50.2	53.5	249		0.0	0.887	1.0	52.6	−31.2	−43.0	53.3	234		0.0	0.6	1.0	0.0	0.782	1.0	52.7	−28.0	−46.5	54.4	238		0.0	0.6	1.0			
250	235	239	0.0	0.583	1.0	48.5	−17.7	−50.2	53.3	250		0.0	0.861	1.0	52.6	−30.6	−43.8	53.6	235		0.0	0.583	1.0	0.0	0.763	1.0	52.7	−27.4	−47.1	54.6	239		0.0	0.583	1.0			
251	236	240	0.0	0.566	1.0	47.9	−16.8	−50.3	53.0	251		0.0	0.841	1.0	52.6	−30.0	−44.5	53.8	236		0.0	0.567	1.0	0.0	0.745	1.0	52.6	−26.7	−47.6	54.7	240		0.0	0.567	1.0			
252	237	241	0.0	0.55	1.0	47.4	−15.8	−50.3	52.7	252		0.0	0.82	1.0	52.6	−29.3	−45.2	54.0	237		0.0	0.55	1.0	0.0	0.73	1.0	52.3	−25.9	−48.0	54.6	241		0.0	0.55	1.0			
253	238	242	0.0	0.533	1.0	46.8	−14.9	−50.3	52.5	253		0.0	0.8	1.0	52.6	−28.6	−45.9	54.2	238		0.0	0.533	1.0	0.0	0.715	1.0	52.0	−25.1	−48.3	54.5	242		0.0	0.533	1.0			
254	239	243	0.0	0.516	1.0	46.2	−13.9	−50.3	52.2	254		0.0	0.779	1.0	52.7	−27.9	−46.6	54.4	239		0.0	0.517	1.0	0.0	0.701	1.0	51.6	−24.2	−48.6	54.4	243		0.0	0.517	1.0			
255	240	244	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255		0.0	0.759	1.0	52.7	−27.2	−47.2	54.7	240		0.0	0.5	1.0	0.0	0.686	1.0	51.3	−23.4	−48.9	54.4	244		0.0	0.5	1.0			
256	241	245	0.0	0.483	1.0	45.1	−12.0	−50.2	51.6	256		0.0	0.741	1.0	52.5	−26.4	−47.7	54.7	241		0.0	0.483	1.0	0.0	0.671	1.0	51.0	−22.6	−49.2	54.3	245		0.0	0.483	1.0			
257	242	246	0.0	0.466	1.0	44.6	−11.0	−50.2	51.4	257		0.0	0.724	1.0	52.1	−25.5	−48.1	54.6	242		0.0	0.467	1.0	0.0	0.656	1.0	50.7	−21.8	−49.5	54.2	246		0.0	0.467	1.0			
258	243	247	0.0	0.45	1.0	44.0	−9.9	−50.1	51.1	258		0.0	0.708	1.0	51.8	−24.6	−48.5	54.5	243		0.0	0.45	1.0	0.0	0.641	1.0	50.4	−20.9	−49.7	54.1	247		0.0	0.45	1.0			
259	244	248	0.0	0.433	1.0	43.5	−9.0	−50.0	50.8	259		0.0	0.691	1.0	51.4	−23.7	−48.8	54.4	244		0.0	0.433	1.0	0.0	0.626	1.0	50.0	−20.1	−50.0	54.0	248		0.0	0.433	1.0			
260	245	248	0.0	0.416	1.0	43.0	−8.0	−49.9	50.5	260		0.0	0.675	1.0	51.1	−22.8	−49.1	54.3	245		0.0	0.417	1.0	0.0	0.61	1.0	49.5	−19.2	−50.1	53.7	248		0.0	0.417	1.0			
261	246	249	0.0	0.4	1.0	42.4	−7.0	−49.7	50.2	261		0.0	0.659	1.0	50.7	−21.9	−49.4	54.2	246		0.0	0.4	1.0	0.0	0.595	1.0	49.0	−18.3	−50.1	53.5	249		0.0	0.4	1.0			
263	247	250	0.0	0.383	1.0	41.9	−6.0	−49.6	49.9	263		0.0	0.642	1.0	50.4	−21.0	−49.7	54.1	247		0.0	0.383	1.0	0.0	0.58	1.0	48.4	−17.5	−50.2	53.3	250		0.0	0.383	1.0			
264	248	251	0.0	0.366	1.0	41.3	−4.9	−49.5	49.8	264		0.0	0.626	1.0	50.0	−20.1	−50.0	54.0	248		0.0	0.367	1.0	0.0	0.564	1.0	47.9	−16.6	−50.2	53.0	251		0.0	0.367	1.0			
265	249	252	0.0	0.35	1.0	40.5	−3.6	−49.6	49.8	265		0.0	0.609	1.0	49.5	−19.2	−50.1	53.7	249		0.0	0.35	1.0	0.0	0.549	1.0	47.4	−15.7	−50.2	52.8	252		0.0	0.35	1.0			
267	250	253	0.0	0.333	1.0	39.8	−2.2	−49.7	49.7	267		0.0	0.592	1.0	48.9	−18.2	−50.1	53.5	250		0.0	0.333	1.0	0.0	0.534	1.0	46.9	−14.8	−50.2	52.5	253		0.0	0.333	1.0			
268	251	254	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268		0.0	0.575	1.0	48.3	−17.2	−50.2	53.2	251		0.0	0.317	1.0	0.0	0.518	1.0	46.3	−14.0	−50.2	52.3	254		0.0	0.317	1.0			
270	252	255	0.0	0.3	1.0	38.2	0.3	−49.7	49.7	270		0.0	0.559	1.0	47.7	−16.3	−50.2	52.9	252		0.0	0.3	1.0	0.0	0.503	1.0	45.8	−13.1	−50.2	52.0	255		0.0	0.3	1.0			
271	253	256	0.0	0.283	1.0	37.5	1.6	−49.6	49.6	271		0.0	0.542	1.0	47.1	−15.3	−50.2	52.6	253		0.0	0.283	1.0	0.0	0.489	1.0	45.3	−12.2	−50.2	51.8	256		0.0	0.283	1.0			
273	254	257	0.0	0.266	1.0	36.7	2.9	−49.5	49.6	273		0.0	0.525	1.0	46.6	−14.3	−50.2	52.4	254		0.0	0.267	1.0	0.0	0.474	1.0	44.9	−11.4	−50.1	51.5	257		0.0	0.267	1.0			
274	255	258	0.0	0.25	1.0	36.0	4.2	−49.4	49.6	274		0.0	0.508	1.0	46.0	−13.4	−50.2	52.1	255		0.0	0.25	1.0	0.0	0.46	1.0	44.4	−10.5	−50.1	51.3	258		0.0	0.25	1.0			

RE730−70 1−0031330−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 14/33

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

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

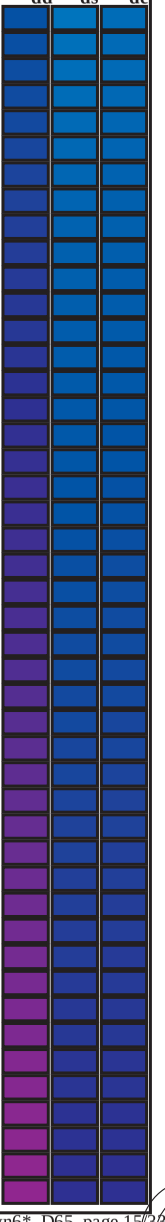
see similar files: http://130.149.60.45/~farbmetrik/RE73/RE73.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)						*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**dd *rgb**ds *rgb**de
274	255	258	0.0	0.25	1.0	36.0	4.2	−49.4	49.6	274		0.0	0.508	1.0	46.0	−13.4	−50.2	52.1	255	0.0	0.25	1.0	0.0	0.46	1.0	44.4	−10.5	−50.1	51.3	258	0.0	0.25	1.0	
276	256	258	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276		0.0	0.492	1.0	45.4	−12.4	−50.2	51.8	256	0.0	0.233	1.0	0.0	0.446	1.0	44.0	−9.7	−50.0	51.1	258	0.0	0.233	1.0	
278	257	259	0.0	0.216	1.0	35.6	7.0	−48.6	49.2	278		0.0	0.477	1.0	44.9	−11.5	−50.2	51.6	257	0.0	0.217	1.0	0.0	0.432	1.0	43.5	−8.8	−49.9	50.8	259	0.0	0.217	1.0	
279	258	260	0.0	0.2	1.0	35.4	8.4	−48.2	48.9	279		0.0	0.461	1.0	44.5	−10.6	−50.1	51.3	258	0.0	0.2	1.0	0.0	0.418	1.0	43.1	−8.0	−49.8	50.6	260	0.0	0.2	1.0	
281	259	261	0.0	0.183	1.0	35.2	9.8	−47.7	48.7	281		0.0	0.446	1.0	44.0	−9.6	−50.0	51.1	259	0.0	0.183	1.0	0.0	0.404	1.0	42.6	−7.2	−49.7	50.3	261	0.0	0.183	1.0	
283	260	262	0.0	0.166	1.0	35.0	11.1	−47.2	48.5	283		0.0	0.43	1.0	43.5	−8.7	−49.9	50.8	260	0.0	0.167	1.0	0.0	0.39	1.0	42.2	−6.3	−49.6	50.1	262	0.0	0.167	1.0	
284	261	263	0.0	0.15	1.0	34.8	12.4	−46.7	48.3	284		0.0	0.415	1.0	43.0	−7.8	−49.8	50.5	261	0.0	0.15	1.0	0.0	0.376	1.0	41.7	−5.5	−49.5	49.9	263	0.0	0.15	1.0	
286	262	264	0.0	0.133	1.0	34.7	13.7	−46.1	48.1	286		0.0	0.399	1.0	42.5	−6.9	−49.7	50.3	262	0.0	0.133	1.0	0.0	0.366	1.0	41.3	−4.7	−49.5	49.8	264	0.0	0.133	1.0	
288	263	265	0.0	0.116	1.0	34.4	15.1	−45.7	48.1	288		0.0	0.384	1.0	42.0	−6.0	−49.5	50.0	263	0.0	0.117	1.0	0.0	0.356	1.0	40.8	−3.9	−49.6	49.8	265	0.0	0.117	1.0	
289	264	266	0.0	0.1	1.0	34.0	16.4	−45.5	48.4	289		0.0	0.37	1.0	41.5	−5.1	−49.5	49.8	264	0.0	0.1	1.0	0.0	0.345	1.0	40.4	−3.1	−49.6	49.8	266	0.0	0.1	1.0	
291	265	267	0.0	0.083	1.0	33.6	17.8	−45.2	48.6	291		0.0	0.359	1.0	41.0	−4.2	−49.5	49.8	265	0.0	0.083	1.0	0.0	0.335	1.0	39.9	−2.4	−49.6	49.8	267	0.0	0.083	1.0	
293	266	268	0.0	0.066	1.0	33.3	19.2	−44.9	48.9	293		0.0	0.348	1.0	40.5	−3.4	−49.6	49.8	266	0.0	0.067	1.0	0.0	0.325	1.0	39.4	−1.6	−49.6	49.8	268	0.0	0.067	1.0	
294	267	269	0.0	0.049	1.0	32.9	20.5	−44.6	49.1	294		0.0	0.337	1.0	40.0	−2.5	−49.6	49.8	267	0.0	0.05	1.0	0.0	0.315	1.0	39.0	−0.8	−49.6	49.7	269	0.0	0.05	1.0	
296	268	269	0.0	0.033	1.0	32.5	21.9	−44.2	49.4	296		0.0	0.326	1.0	39.5	−1.6	−49.6	49.8	268	0.0	0.033	1.0	0.0	0.305	1.0	38.5	0.0	−49.6	49.7	269	0.0	0.033	1.0	
297	269	270	0.0	0.016	1.0	32.2	23.3	−43.8	49.6	297		0.0	0.315	1.0	39.0	−0.8	−49.6	49.7	269	0.0	0.017	1.0	0.0	0.295	1.0	38.1	0.7	−49.6	49.7	270	0.0	0.017	1.0	
299	270	271	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299	B_d	0.0	0.304	1.0	38.5	0.0	−49.6	49.7	270 B_s	0.0	0.0	1.0	0.0	0.285	1.0	37.6	1.5	−49.6	49.7	271 B_e	0.0	0.0	1.0	
300	271	272	0.016	0.0	1.0	31.7	25.5	−43.0	50.1	300		0.0	0.293	1.0	38.0	0.9	−49.6	49.7	271	0.017	0.0	1.0	0.0	0.275	1.0	37.1	2.3	−49.5	49.7	272	0.017	0.0	1.0	
301	272	273	0.033	0.0	1.0	31.6	26.5	−42.7	50.3	301		0.0	0.282	1.0	37.5	1.7	−49.6	49.7	272	0.033	0.0	1.0	0.0	0.264	1.0	36.7	3.1	−49.4	49.6	273	0.033	0.0	1.0	
302	273	274	0.05	0.0	1.0	31.6	27.4	−42.4	50.5	302		0.0	0.271	1.0	37.0	2.6	−49.5	49.7	273	0.05	0.0	1.0	0.0	0.254	1.0	36.2	4.0	−49.4	49.6	274	0.05	0.0	1.0	
303	274	275	0.066	0.0	1.0	31.5	28.3	−42.0	50.7	303		0.0	0.26	1.0	36.5	3.5	−49.4	49.6	274	0.067	0.0	1.0	0.0	0.244	1.0	36.0	4.8	−49.2	49.5	275	0.067	0.0	1.0	
305	275	276	0.083	0.0	1.0	31.4	29.2	−41.6	50.9	305		0.0	0.249	1.0	36.0	4.3	−49.3	49.6	275	0.083	0.0	1.0	0.0	0.234	1.0	35.9	5.6	−49.0	49.4	276	0.083	0.0	1.0	
306	276	277	0.1	0.0	1.0	31.3	30.1	−41.2	51.1	306		0.0	0.239	1.0	35.9	5.2	−49.1	49.5	276	0.1	0.0	1.0	0.0	0.225	1.0	35.8	6.4	−48.8	49.3	277	0.1	0.0	1.0	
307	277	278	0.116	0.0	1.0	31.3	31.0	−40.8	51.3	307		0.0	0.229	1.0	35.8	6.0	−48.9	49.4	277	0.117	0.0	1.0	0.0	0.216	1.0	35.6	7.2	−48.6	49.2	278	0.117	0.0	1.0	
308	278	279	0.133	0.0	1.0	31.2	32.0	−40.3	51.5	308		0.0	0.219	1.0	35.7	6.9	−48.7	49.2	278	0.133	0.0	1.0	0.0	0.206	1.0	35.5	7.9	−48.3	49.1	279	0.133	0.0	1.0	
309	279	280	0.15	0.0	1.0	31.2	33.0	−39.8	51.7	309		0.0	0.209	1.0	35.6	7.7	−48.4	49.1	279	0.15	0.0	1.0	0.0	0.197	1.0	35.4	8.7	−48.1	48.9	280	0.15	0.0	1.0	
310	280	281	0.166	0.0	1.0	31.2	34.1	−39.2	51.9	310		0.0	0.199	1.0	35.5	8.5	−48.1	49.0	280	0.167	0.0	1.0	0.0	0.187	1.0	35.3	9.5	−47.8	48.8	281	0.167	0.0	1.0	
312	281	282	0.183	0.0	1.0	31.2	35.1	−38.6	52.2	312		0.0	0.189	1.0	35.3	9.3	−47.9	48.9	281	0.183	0.0	1.0	0.0	0.178	1.0	35.2	10.3	−47.5	48.7	282	0.183	0.0	1.0	
313	282	283	0.2	0.0	1.0	31.2	36.1	−38.0	52.4	313		0.0	0.18	1.0	35.2	10.1	−47.6	48.7	282	0.2	0.0	1.0	0.0	0.168	1.0	35.1	11.0	−47.2	48.6	283	0.2	0.0	1.0	
314	283	284	0.216	0.0	1.0	31.2	37.1	−37.3	52.6	314		0.0	0.17	1.0	35.1	10.9	−47.3	48.6	283	0.217	0.0	1.0	0.0	0.159	1.0	35.0	11.8	−46.9	48.5	284	0.217	0.0	1.0	
316	284	285	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316		0.0	0.16	1.0	35.0	11.7	−46.9	48.5	284	0.233	0.0	1.0	0.0	0.15	1.0	34.9	12.5	−46.6	48.4	285	0.233	0.0	1.0	
317	285	285	0.25	0.0	1.0	31.2	39.0	−35.9	53.1	317		0.0	0.15	1.0	34.9	12.5	−46.6	48.4	285	0.25	0.0	1.0	0.0	0.14	1.0	34.8	13.3	−46.3	48.2	285	0.25	0.0	1.0	
318	286	286	0.266	0.0	1.0	31.5	39.9	−35.5	53.4	318		0.0	0.14	1.0	34.8	13.3	−46.3	48.2	286	0.267	0.0	1.0	0.0	0.131	1.0	34.7	14.0	−45.9	48.1	286	0.267	0.0	1.0	
319	287	287	0.283	0.0	1.0	31.8	40.8	−35.0	53.8	319		0.0	0.13	1.0	34.7	14.1	−45.9	48.1	287	0.283	0.0	1.0	0.0	0.121	1.0	34.5	14.7	−45.7	48.1	287	0.283	0.0	1.0	
320	288	288	0.3	0.0	1.0	32.1	41.7	−34.5	54.1	320		0.0	0.12	1.0	34.5	14.9	−45.7	48.1	288	0.3	0.0	1.0	0.0	0.111	1.0	34.3	15.5	−45.6	48.2	288	0.3	0.0	1.0	
321	289	289	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321		0.0	0.109	1.0	34.3	15.7	−45.5	48.3	289	0.317	0.0	1.0	0.0	0.102	1.0	34.1	16.3	−45.4	48.4	289	0.317	0.0	1.0	
322	290	290	0.333	0.0	1.0	32.7	43.4	−33.5	54.9	322		0.0	0.099	1.0	34.0	16.6	−45.4	48.4	290	0.333	0.0	1.0	0.0	0.092	1.0	33.9	17.2	−45.3	48.5	290	0.333	0.0	1.0	
323	291	291	0.35	0.0	1.0	33.0	44.3	−32.9	55.2	323		0.0	0.089	1.0	33.8	17.4	−45.3	48.6	291	0.35	0.0	1.0	0.0	0.082	1.0	33.7	18.0	−45.1	48.7	291	0.35	0.0	1.0	
324	292	292	0.366	0.0	1.0	33.3	45.2	−32.4	55.6	324		0.0	0.078	1.0	33.6	18.3	−45.1	48.7	292	0.367	0.0	1.0	0.0	0.072	1.0	33.4	18.8	−45.0	48.8	292	0.367	0.0	1.0	
325	293	293	0.383	0.0	1.0	33.6	45.9	−31.9	55.9	325		0.0	0.068	1.0	33.3	19.1	−44.9	48.9	293	0.383	0.0	1.0	0.0	0.063	1.0	33.2	19.6	−44.8	49.0	293	0.383	0.0	1.0	
325	294	294	0.4	0.0	1.0	33.9	46.5	−31.5	56.2	325		0.0	0.058	1.0	33.1	19.9	−44.7	49.0	294	0.4	0.0	1.0	0.0	0.053	1.0	33.0	20.4	−44.6	49.1	294	0.4	0.0	1.0	
326	295	295	0.416	0.0	1.0	34.2	47.1	−31.1	56.4	326		0.0	0.048	1.0	32.9	20.8	−44.5	49.2	295	0.417	0.0	1.0	0.0	0.043	1.0	32.8	21.2	−44.4	49.3	295	0.417	0.0	1.0	
327	296	296	0.433	0.0	1.0	34.6	47.7	−30.7	56.7	327		0.0	0.037	1.0	32.7	21.6	−44.3	49.3	296	0.433	0.0	1.0	0.0	0.033	1.0	32.6	22.0	−44.2	49.4	296	0.433	0.0	1.0	
327	297	297	0.45	0.0	1.0	34.9	48.2	−30.3	57.0	327		0.0	0.027	1.0	32.4	22.5	−44.0	49.5	297	0.45	0.0	1.0	0.0	0.024	1.0	32.4	22.7	−43.9	49.6	297	0.45	0.0	1.0	
328	298	298	0.466	0.0	1.0	35.2	48.8	−29.8	57.2	328		0.0	0.017	1.0	32.2	23.3	−43.7	49.7	298	0.467	0.0	1.0	0.0	0.014	1.0	32.1	23.5	−43.7	49.7	298	0.467	0.0	1.0	
329	299	299	0.483	0.0	1.0	35.6	49.4	−29.4	57.5	329		0.0	0.006	1.0	32.0	24.1	−43.5	49.8	299	0.483	0.0	1.0	0.0	0.004	1.0	31.9	24.3	−43.4	49.8	299	0.483	0.0	1.0	
329	300	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329		0.006	0.0	1.0	31.8	25.0	−43.2	50.0	300	0.5	0.0	1.0	0.009	0.0	1.0	31.8	25.1	−43.1	50.0	300	0.5	0.0	1.0	



RE730−70 1−0031430−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 15/33

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

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

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd361M			*LAB** ddx361Mi (x=LabCh)					*rgb** ds361Mi			*LAB** dsx361Mi (x=LabCh)					*rgb** dd361Mi			*rgb** de361Mi			*LAB** dex361Mi (x=LabCh)					*rgb** dd361Mi			*rgb**$_{dd}$	*rgb**$_{ds}$	*rgb**$_{de}$
329	300	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329	0.006	0.0	1.0	31.8	25.0	−43.2	50.0	300	0.5	0.0	1.0	0.009	0.0	1.0	31.8	25.1	−43.1	50.0	300	0.5	0.0	1.0			
330	301	301	0.516	0.0	1.0	36.3	50.7	−28.4	58.1	330	0.021	0.0	1.0	31.7	25.8	−42.9	50.2	301	0.517	0.0	1.0	0.023	0.0	1.0	31.7	25.9	−42.9	50.2	301	0.517	0.0	1.0			
331	302	302	0.533	0.0	1.0	36.6	51.4	−27.8	58.5	331	0.036	0.0	1.0	31.7	26.7	−42.6	50.3	302	0.533	0.0	1.0	0.038	0.0	1.0	31.7	26.7	−42.6	50.4	302	0.533	0.0	1.0			
332	303	303	0.55	0.0	1.0	37.0	52.2	−27.3	58.9	332	0.052	0.0	1.0	31.6	27.5	−42.3	50.5	303	0.55	0.0	1.0	0.052	0.0	1.0	31.6	27.5	−42.3	50.5	303	0.55	0.0	1.0			
333	304	303	0.566	0.0	1.0	37.4	52.9	−26.7	59.3	333	0.067	0.0	1.0	31.5	28.4	−42.0	50.7	304	0.567	0.0	1.0	0.067	0.0	1.0	31.5	28.3	−42.0	50.7	303	0.567	0.0	1.0			
334	305	304	0.583	0.0	1.0	37.8	53.6	−26.1	59.6	334	0.082	0.0	1.0	31.5	29.2	−41.6	50.9	305	0.583	0.0	1.0	0.081	0.0	1.0	31.5	29.1	−41.6	50.9	304	0.583	0.0	1.0			
334	306	305	0.6	0.0	1.0	38.1	54.3	−25.5	60.0	334	0.098	0.0	1.0	31.4	30.0	−41.2	51.1	306	0.6	0.0	1.0	0.096	0.0	1.0	31.4	29.9	−41.3	51.1	305	0.6	0.0	1.0			
335	307	306	0.616	0.0	1.0	38.5	55.0	−24.9	60.4	335	0.113	0.0	1.0	31.3	30.9	−40.9	51.3	307	0.617	0.0	1.0	0.11	0.0	1.0	31.3	30.7	−40.9	51.3	306	0.617	0.0	1.0			
336	308	307	0.633	0.0	1.0	38.9	55.7	−24.2	60.8	336	0.128	0.0	1.0	31.3	31.7	−40.5	51.5	308	0.633	0.0	1.0	0.125	0.0	1.0	31.3	31.5	−40.6	51.4	307	0.633	0.0	1.0			
337	309	308	0.65	0.0	1.0	39.3	56.4	−23.5	61.1	337	0.141	0.0	1.0	31.3	32.5	−40.0	51.6	309	0.65	0.0	1.0	0.137	0.0	1.0	31.3	32.3	−40.2	51.6	308	0.65	0.0	1.0			
338	310	309	0.666	0.0	1.0	39.7	57.0	−22.8	61.4	338	0.154	0.0	1.0	31.3	33.3	−39.6	51.8	310	0.667	0.0	1.0	0.149	0.0	1.0	31.3	33.0	−39.8	51.8	309	0.667	0.0	1.0			
339	311	310	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339	0.167	0.0	1.0	31.3	34.1	−39.1	52.0	311	0.683	0.0	1.0	0.162	0.0	1.0	31.3	33.8	−39.3	51.9	310	0.683	0.0	1.0			
339	312	311	0.7	0.0	1.0	40.5	58.3	−21.4	62.1	339	0.18	0.0	1.0	31.3	34.9	−38.7	52.2	312	0.7	0.0	1.0	0.174	0.0	1.0	31.3	34.6	−38.9	52.1	311	0.7	0.0	1.0			
340	313	312	0.716	0.0	1.0	40.9	58.9	−20.6	62.4	340	0.193	0.0	1.0	31.3	35.7	−38.2	52.3	313	0.717	0.0	1.0	0.186	0.0	1.0	31.3	35.3	−38.4	52.3	312	0.717	0.0	1.0			
341	314	313	0.733	0.0	1.0	41.3	59.5	−19.9	62.8	341	0.206	0.0	1.0	31.3	36.5	−37.7	52.5	314	0.733	0.0	1.0	0.199	0.0	1.0	31.3	36.1	−38.0	52.4	313	0.733	0.0	1.0			
342	315	314	0.75	0.0	1.0	41.7	60.2	−19.1	63.1	342	0.219	0.0	1.0	31.3	37.3	−37.2	52.7	315	0.75	0.0	1.0	0.211	0.0	1.0	31.3	36.8	−37.5	52.6	314	0.75	0.0	1.0			
342	316	315	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342	0.232	0.0	1.0	31.3	38.0	−36.6	52.9	316	0.767	0.0	1.0	0.223	0.0	1.0	31.3	37.5	−37.0	52.8	315	0.767	0.0	1.0			
343	317	316	0.783	0.0	1.0	42.4	61.4	−18.3	64.1	343	0.245	0.0	1.0	31.3	38.8	−36.1	53.1	317	0.783	0.0	1.0	0.236	0.0	1.0	31.3	38.3	−36.5	52.9	316	0.783	0.0	1.0			
343	318	317	0.8	0.0	1.0	42.8	62.0	−17.9	64.6	343	0.26	0.0	1.0	31.4	39.6	−35.6	53.3	318	0.8	0.0	1.0	0.248	0.0	1.0	31.3	39.0	−35.9	53.1	317	0.8	0.0	1.0			
344	319	318	0.816	0.0	1.0	43.2	62.7	−17.5	65.1	344	0.277	0.0	1.0	31.7	40.5	−35.1	53.7	319	0.817	0.0	1.0	0.263	0.0	1.0	31.5	39.8	−35.5	53.4	318	0.817	0.0	1.0			
344	320	319	0.833	0.0	1.0	43.5	63.3	−17.1	65.6	344	0.294	0.0	1.0	32.0	41.4	−34.6	54.1	320	0.833	0.0	1.0	0.279	0.0	1.0	31.8	40.6	−35.1	53.7	319	0.833	0.0	1.0			
345	321	320	0.85	0.0	1.0	43.9	63.9	−16.7	66.0	345	0.31	0.0	1.0	32.3	42.3	−34.1	54.4	321	0.85	0.0	1.0	0.295	0.0	1.0	32.1	41.5	−34.6	54.1	320	0.85	0.0	1.0			
345	322	321	0.866	0.0	1.0	44.2	64.5	−16.2	66.5	345	0.327	0.0	1.0	32.6	43.2	−33.6	54.8	322	0.867	0.0	1.0	0.311	0.0	1.0	32.3	42.3	−34.1	54.4	321	0.867	0.0	1.0			
346	323	321	0.883	0.0	1.0	44.6	65.2	−15.7	67.1	346	0.344	0.0	1.0	32.9	44.0	−33.1	55.1	323	0.883	0.0	1.0	0.327	0.0	1.0	32.6	43.1	−33.6	54.8	321	0.883	0.0	1.0			
347	324	322	0.9	0.0	1.0	45.1	66.0	−15.0	67.7	347	0.361	0.0	1.0	33.2	44.9	−32.5	55.5	324	0.9	0.0	1.0	0.343	0.0	1.0	32.9	44.0	−33.1	55.1	322	0.9	0.0	1.0			
347	325	323	0.916	0.0	1.0	45.5	66.7	−14.4	68.2	347	0.378	0.0	1.0	33.5	45.8	−31.9	55.9	325	0.917	0.0	1.0	0.358	0.0	1.0	33.2	44.8	−32.6	55.4	323	0.917	0.0	1.0			
348	326	324	0.933	0.0	1.0	45.9	67.4	−13.7	68.8	348	0.403	0.0	1.0	34.0	46.6	−31.4	56.3	326	0.933	0.0	1.0	0.374	0.0	1.0	33.4	45.6	−32.0	55.8	324	0.933	0.0	1.0			
349	327	325	0.95	0.0	1.0	46.4	68.2	−13.0	69.4	349	0.428	0.0	1.0	34.5	47.5	−30.8	56.7	327	0.95	0.0	1.0	0.397	0.0	1.0	33.9	46.4	−31.5	56.2	325	0.95	0.0	1.0			
349	328	326	0.966	0.0	1.0	46.8	68.9	−12.3	70.0	349	0.453	0.0	1.0	35.0	48.4	−30.1	57.1	328	0.967	0.0	1.0	0.421	0.0	1.0	34.4	47.3	−30.9	56.5	326	0.967	0.0	1.0			
350	329	327	0.983	0.0	1.0	47.2	69.6	−11.6	70.6	350	0.477	0.0	1.0	35.5	49.2	−29.5	57.5	329	0.983	0.0	1.0	0.444	0.0	1.0	34.8	48.1	−30.3	56.9	327	0.983	0.0	1.0			
351	330	328	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351	M_d	0.502	0.0	1.0	36.0	50.1	−28.8	57.9	330	M_s	1.0	0.0	1.0	0.468	0.0	1.0	35.3	48.9	−29.7	57.3	328	M_e	1.0	0.0	1.0			
351	331	329	1.0	0.0	0.983	47.6	70.3	−10.7	71.1	351	0.522	0.0	1.0	36.4	51.0	−28.2	58.3	331	1.0	0.0	0.983	0.491	0.0	1.0	35.8	49.7	−29.1	57.7	329	1.0	0.0	0.983			
351	332	330	1.0	0.0	0.966	47.5	70.3	−10.4	71.0	351	0.542	0.0	1.0	36.9	51.9	−27.5	58.8	332	1.0	0.0	0.967	0.512	0.0	1.0	36.2	50.6	−28.5	58.1	330	1.0	0.0	0.967			
351	333	331	1.0	0.0	0.95	47.5	70.2	−10.2	71.0	351	0.563	0.0	1.0	37.4	52.8	−26.8	59.2	333	1.0	0.0	0.95	0.531	0.0	1.0	36.7	51.4	−27.9	58.5	331	1.0	0.0	0.95			
351	334	332	1.0	0.0	0.933	47.4	70.2	−10.0	70.9	351	0.583	0.0	1.0	37.8	53.6	−26.1	59.7	334	1.0	0.0	0.933	0.55	0.0	1.0	37.1	52.2	−27.2	59.0	332	1.0	0.0	0.933			
352	335	333	1.0	0.0	0.916	47.3	70.1	−9.8	70.8	352	0.603	0.0	1.0	38.3	54.5	−25.3	60.1	335	1.0	0.0	0.917	0.57	0.0	1.0	37.5	53.1	−26.5	59.4	333	1.0	0.0	0.917			
352	336	334	1.0	0.0	0.9	47.2	70.0	−9.5	70.7	352	0.623	0.0	1.0	38.7	55.4	−24.6	60.6	336	1.0	0.0	0.9	0.589	0.0	1.0	37.9	53.9	−25.8	59.8	334	1.0	0.0	0.9			
352	337	335	1.0	0.0	0.883	47.2	70.0	−9.3	70.6	352	0.643	0.0	1.0	39.2	56.2	−23.7	61.0	337	1.0	0.0	0.883	0.608	0.0	1.0	38.4	54.7	−25.1	60.3	335	1.0	0.0	0.883			
352	338	336	1.0	0.0	0.866	47.1	69.8	−8.8	70.4	352	0.663	0.0	1.0	39.7	56.9	−22.9	61.4	338	1.0	0.0	0.867	0.627	0.0	1.0	38.8	55.5	−24.4	60.7	336	1.0	0.0	0.867			
353	339	337	1.0	0.0	0.85	46.9	69.6	−7.9	70.0	353	0.683	0.0	1.0	40.2	57.7	−22.1	61.8	339	1.0	0.0	0.85	0.646	0.0	1.0	39.3	56.3	−23.6	61.1	337	1.0	0.0	0.85			
354	340	338	1.0	0.0	0.833	46.8	69.3	−7.1	69.6	354	0.703	0.0	1.0	40.6	58.5	−21.2	62.2	340	1.0	0.0	0.833	0.665	0.0	1.0	39.7	57.0	−22.8	61.4	338	1.0	0.0	0.833			
354	341	339	1.0	0.0	0.816	46.7	69.0	−6.3	69.3	354	0.723	0.0	1.0	41.1	59.2	−20.3	62.6	341	1.0	0.0	0.817	0.684	0.0	1.0	40.2	57.7	−22.0	61.8	339	1.0	0.0	0.817			
355	342	339	1.0	0.0	0.8	46.6	68.7	−5.5	68.9	355	0.743	0.0	1.0	41.6	59.9	−19.4	63.0	342	1.0	0.0	0.8	0.703	0.0	1.0	40.6	58.5	−21.2	62.2	339	1.0	0.0	0.8			
356	343	340	1.0	0.0	0.783	46.4	68.3	−4.6	68.5	356	0.771	0.0	1.0	42.2	61.0	−18.6	63.8	343	1.0	0.0	0.783	0.721	0.0	1.0	41.1	59.2	−20.4	62.6	340	1.0	0.0	0.783			
356	344	341	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356	0.805	0.0	1.0	42.9	62.3	−17.8	64.8	344	1.0	0.0	0.767	0.74	0.0	1.0	41.5	59.9	−19.5	63.0	341	1.0	0.0	0.767			
357	345	342	1.0	0.0	0.75	46.2	67.7	−3.0	67.7	357	0.838	0.0	1.0	43.7	63.5	−16.9	65.7	345	1.0	0.0	0.75	0.765	0.0	1.0	42.1	60.8	−18.7	63.6	342	1.0	0.0	0.75			

RE730−70 1−0031530−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 16/33

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

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

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**			dd361M	*LAB**			ddx361Mi (x=LabCh)			*rgb**			ds361Mi	*LAB**			dsx361Mi (x=LabCh)			*rgb**			dd361Mi	*rgb**			de361Mi	*LAB**			dex361Mi (x=LabCh)			*rgb**			dd361Mi
357	345	342	1.0	0.0	0.75		46.2	67.7	−3.0	67.7	357		0.838	0.0	1.0		43.7	63.5	−16.9	65.7	345		1.0	0.0	0.75		0.765	0.0	1.0		42.1	60.8	−18.7	63.6	342		1.0	0.0	0.75
358	346	343	1.0	0.0	0.733		46.2	67.4	−2.0	67.4	358		0.871	0.0	1.0		44.4	64.7	−16.0	66.7	346		1.0	0.0	0.733		0.797	0.0	1.0		42.8	62.0	−17.9	64.5	343		1.0	0.0	0.733
359	347	344	1.0	0.0	0.716		46.2	67.0	−0.9	67.0	359		0.897	0.0	1.0		45.0	65.9	−15.1	67.6	347		1.0	0.0	0.717		0.829	0.0	1.0		43.5	63.2	−17.2	65.5	344		1.0	0.0	0.717
360	348	345	1.0	0.0	0.7		46.2	66.7	0.1	66.7	360		0.922	0.0	1.0		45.7	67.0	−14.1	68.5	348		1.0	0.0	0.7		0.86	0.0	1.0		44.1	64.3	−16.3	66.4	345		1.0	0.0	0.7
361	349	346	1.0	0.0	0.683		46.2	66.3	1.1	66.3	361		0.946	0.0	1.0		46.3	68.1	−13.1	69.3	349		1.0	0.0	0.683		0.887	0.0	1.0		44.8	65.4	−15.5	67.3	346		1.0	0.0	0.683
361	350	347	1.0	0.0	0.666		46.2	66.0	2.1	66.0	361		0.971	0.0	1.0		47.0	69.2	−12.1	70.2	350		1.0	0.0	0.667		0.911	0.0	1.0		45.4	66.5	−14.6	68.1	347		1.0	0.0	0.667
362	351	348	1.0	0.0	0.65		46.2	65.6	3.2	65.6	362		0.996	0.0	1.0		47.6	70.2	−11.0	71.1	351		1.0	0.0	0.65		0.934	0.0	1.0		46.0	67.5	−13.6	68.9	348		1.0	0.0	0.65
363	352	349	1.0	0.0	0.633		46.2	65.2	4.2	65.3	363		1.0	0.0	0.92		47.4	70.2	−9.8	70.9	352		1.0	0.0	0.633		0.958	0.0	1.0		46.6	68.6	−12.7	69.7	349		1.0	0.0	0.633
364	353	350	1.0	0.0	0.616		46.2	64.8	5.2	65.0	364		1.0	0.0	0.861		47.1	69.8	−8.5	70.3	353		1.0	0.0	0.617		0.981	0.0	1.0		47.2	69.6	−11.7	70.6	350		1.0	0.0	0.617
365	354	351	1.0	0.0	0.6		46.1	64.5	6.2	64.8	365		1.0	0.0	0.836		46.9	69.4	−7.2	69.7	354		1.0	0.0	0.6		1.0	0.0	0.982		47.6	70.4	−10.6	71.2	351		1.0	0.0	0.6
366	355	352	1.0	0.0	0.583		46.1	64.2	7.2	64.6	366		1.0	0.0	0.811		46.7	68.9	−5.9	69.2	355		1.0	0.0	0.583		1.0	0.0	0.891		47.3	70.1	−9.4	70.7	352		1.0	0.0	0.583
367	356	353	1.0	0.0	0.566		46.0	63.8	8.2	64.4	367		1.0	0.0	0.785		46.5	68.4	−4.7	68.6	356		1.0	0.0	0.567		1.0	0.0	0.855		47.0	69.7	−8.1	70.2	353		1.0	0.0	0.567
368	357	354	1.0	0.0	0.55		46.0	63.5	9.2	64.1	368		1.0	0.0	0.76		46.3	67.9	−3.5	68.0	357		1.0	0.0	0.55		1.0	0.0	0.831		46.8	69.3	−6.9	69.6	354		1.0	0.0	0.55
369	358	355	1.0	0.0	0.533		45.9	63.1	10.2	63.9	369		1.0	0.0	0.739		46.2	67.5	−2.3	67.6	358		1.0	0.0	0.533		1.0	0.0	0.807		46.7	68.8	−5.7	69.1	355		1.0	0.0	0.533
370	359	356	1.0	0.0	0.516		45.9	62.7	11.2	63.7	370		1.0	0.0	0.72		46.2	67.2	−1.1	67.2	359		1.0	0.0	0.517		1.0	0.0	0.783		46.5	68.4	−4.6	68.5	356		1.0	0.0	0.517
371	360	352	1.0	0.0	0.5		45.8	62.3	12.1	63.5	371		1.0	0.0	0.702		46.2	66.8	0.0	66.8	360		1.0	0.0	0.5		1.0	0.0	0.914		47.4	70.1	−9.7	70.8	352		1.0	0.0	0.5
371	361	353	1.0	0.0	0.483		45.8	62.1	13.1	63.5	371		1.0	0.0	0.683		46.2	66.4	1.2	66.4	361		1.0	0.0	0.483		1.0	0.0	0.857		47.0	69.7	−8.2	70.2	353		1.0	0.0	0.483
372	362	354	1.0	0.0	0.466		45.9	61.8	14.1	63.4	372		1.0	0.0	0.665		46.3	66.0	2.3	66.0	362		1.0	0.0	0.467		1.0	0.0	0.829		46.8	69.2	−6.8	69.6	354		1.0	0.0	0.467
373	363	355	1.0	0.0	0.45		45.9	61.6	15.1	63.4	373		1.0	0.0	0.647		46.3	65.5	3.4	65.6	363		1.0	0.0	0.45		1.0	0.0	0.8		46.6	68.7	−5.4	68.9	355		1.0	0.0	0.45
374	364	356	1.0	0.0	0.433		45.9	61.3	16.1	63.4	374		1.0	0.0	0.628		46.3	65.1	4.6	65.2	364		1.0	0.0	0.433		1.0	0.0	0.772		46.4	68.2	−4.0	68.3	356		1.0	0.0	0.433
375	365	357	1.0	0.0	0.416		45.9	61.0	17.1	63.3	375		1.0	0.0	0.61		46.2	64.7	5.7	65.0	365		1.0	0.0	0.417		1.0	0.0	0.745		46.2	67.6	−2.7	67.7	357		1.0	0.0	0.417
376	366	358	1.0	0.0	0.4		45.9	60.7	18.1	63.3	376		1.0	0.0	0.592		46.2	64.4	6.8	64.7	366		1.0	0.0	0.4		1.0	0.0	0.725		46.2	67.3	−1.4	67.3	358		1.0	0.0	0.4
377	367	359	1.0	0.0	0.383		45.9	60.3	19.1	63.3	377		1.0	0.0	0.573		46.1	64.0	7.9	64.5	367		1.0	0.0	0.383		1.0	0.0	0.704		46.2	66.8	−0.1	66.8	359		1.0	0.0	0.383
378	368	360	1.0	0.0	0.366		45.9	60.1	20.1	63.4	378		1.0	0.0	0.555		46.1	63.6	8.9	64.3	368		1.0	0.0	0.367		1.0	0.0	0.684		46.2	66.4	1.1	66.4	360		1.0	0.0	0.367
379	369	362	1.0	0.0	0.35		46.0	60.0	21.2	63.7	379		1.0	0.0	0.537		46.0	63.2	10.0	64.0	369		1.0	0.0	0.35		1.0	0.0	0.663		46.3	65.9	2.4	66.0	362		1.0	0.0	0.35
380	370	363	1.0	0.0	0.333		46.0	59.9	22.3	64.0	380		1.0	0.0	0.519		45.9	62.8	11.1	63.8	370		1.0	0.0	0.333		1.0	0.0	0.643		46.3	65.4	3.7	65.5	363		1.0	0.0	0.333
381	371	364	1.0	0.0	0.316		46.0	59.8	23.4	64.3	381		1.0	0.0	0.501		45.9	62.4	12.1	63.6	371		1.0	0.0	0.317		1.0	0.0	0.622		46.3	65.0	4.9	65.1	364		1.0	0.0	0.317
382	372	365	1.0	0.0	0.3		46.1	59.7	24.5	64.6	382		1.0	0.0	0.483		45.9	62.1	13.2	63.5	372		1.0	0.0	0.3		1.0	0.0	0.602		46.2	64.6	6.1	64.9	365		1.0	0.0	0.3
383	373	366	1.0	0.0	0.283		46.1	59.5	25.7	64.8	383		1.0	0.0	0.465		45.9	61.9	14.3	63.5	373		1.0	0.0	0.283		1.0	0.0	0.582		46.1	64.2	7.4	64.6	366		1.0	0.0	0.283
384	374	367	1.0	0.0	0.266		46.2	59.4	26.8	65.1	384		1.0	0.0	0.447		45.9	61.6	15.3	63.4	374		1.0	0.0	0.267		1.0	0.0	0.562		46.1	63.8	8.6	64.3	367		1.0	0.0	0.267
385	375	368	1.0	0.0	0.25		46.2	59.2	27.9	65.4	385		1.0	0.0	0.429		45.9	61.3	16.4	63.4	375		1.0	0.0	0.25		1.0	0.0	0.541		46.0	63.3	9.8	64.1	368		1.0	0.0	0.25
385	376	369	1.0	0.0	0.233		46.3	59.2	28.8	65.9	385		1.0	0.0	0.412		45.9	60.9	17.5	63.4	376		1.0	0.0	0.233		1.0	0.0	0.521		46.0	62.9	11.0	63.8	369		1.0	0.0	0.233
386	377	370	1.0	0.0	0.216		46.3	59.3	29.7	66.3	386		1.0	0.0	0.394		46.0	60.6	18.5	63.3	377		1.0	0.0	0.217		1.0	0.0	0.501		45.9	62.4	12.1	63.6	370		1.0	0.0	0.217
387	378	372	1.0	0.0	0.2		46.4	59.3	30.6	66.8	387		1.0	0.0	0.376		46.0	60.2	19.6	63.3	378		1.0	0.0	0.2		1.0	0.0	0.481		45.9	62.1	13.3	63.5	372		1.0	0.0	0.2
388	379	373	1.0	0.0	0.183		46.4	59.3	31.6	67.2	388		1.0	0.0	0.359		46.0	60.1	20.7	63.6	379		1.0	0.0	0.183		1.0	0.0	0.461		45.9	61.8	14.5	63.5	373		1.0	0.0	0.183
388	380	374	1.0	0.0	0.166		46.5	59.3	32.5	67.7	388		1.0	0.0	0.341		46.0	60.0	21.9	63.9	380		1.0	0.0	0.167		1.0	0.0	0.441		45.9	61.5	15.7	63.4	374		1.0	0.0	0.167
389	381	375	1.0	0.0	0.15		46.5	59.3	33.4	68.1	389		1.0	0.0	0.324		46.1	59.9	23.0	64.2	381		1.0	0.0	0.15		1.0	0.0	0.421		45.9	61.1	16.9	63.4	375		1.0	0.0	0.15
390	382	376	1.0	0.0	0.133		46.6	59.3	34.4	68.6	390		1.0	0.0	0.307		46.1	59.8	24.2	64.5	382		1.0	0.0	0.133		1.0	0.0	0.402		45.9	60.7	18.1	63.4	376		1.0	0.0	0.133
390	383	377	1.0	0.0	0.116		46.6	59.4	35.2	69.0	390		1.0	0.0	0.289		46.2	59.6	25.3	64.8	383		1.0	0.0	0.117		1.0	0.0	0.382		46.0	60.3	19.2	63.3	377		1.0	0.0	0.117
391	384	378	1.0	0.0	0.1		46.7	59.4	35.8	69.4	391		1.0	0.0	0.272		46.2	59.5	26.5	65.1	384		1.0	0.0	0.1		1.0	0.0	0.362		46.0	60.1	20.5	63.5	378		1.0	0.0	0.1
391	385	379	1.0	0.0	0.083		46.7	59.5	36.5	69.8	391		1.0	0.0	0.255		46.2	59.3	27.6	65.4	385		1.0	0.0	0.083		1.0	0.0	0.343		46.0	60.0	21.7	63.9	379		1.0	0.0	0.083
391	386	381	1.0	0.0	0.066		46.8	59.6	37.2	70.2	391		1.0	0.0	0.232		46.3	59.3	28.9	65.9	386		1.0	0.0	0.067		1.0	0.0	0.324		46.1	59.9	23.0	64.2	381		1.0	0.0	0.067
392	387	382	1.0	0.0	0.049		46.8	59.6	37.8	70.6	392		1.0	0.0	0.208		46.4	59.3	30.2	66.6	387		1.0	0.0	0.05		1.0	0.0	0.304		46.1	59.8	24.3	64.5	382		1.0	0.0	0.05
392	388	383	1.0	0.0	0.033		46.9	59.7	38.5	71.1	392		1.0	0.0	0.184		46.5	59.4	31.6	67.3	388		1.0	0.0	0.033		1.0	0.0	0.285		46.2	59.6	25.6	64.9	383		1.0	0.0	0.033
393	389	384	1.0	0.0	0.016		46.9	59.7	39.2	71.5	393		1.0	0.0	0.16		46.5	59.4	32.9	67.9	389		1.0	0.0	0.017		1.0	0.0	0.266		46.2	59.4	26.9	65.2	384		1.0	0.0	0.017
393	390	385	1.0	0.0	0.0		46.9	59.8	39.9	71.9	393	R_d	1.0	0.0	0.136		46.6	59.4	34.3	68.6	390	R_s	1.0	0.0	0.0		1.0	0.0	0.245		46.3	59.2	28.2	65.6	385	R_e	1.0	0.0	0.0

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

RE730−70 1−0031630−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 17/33

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

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

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
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see similar files: http://130.149.60.45/~farbmetrik/RE73/RE73.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

n/j	**HIC*$_{Fd}$**	*rgb*$_{Fd}$			*ict*$_{Fd}$			$h_{si\_F,d}$	*rgb**$_{Fd}$			*LabCh**$_{Fd}$					*rgb*'$_{Fd}$			*LabCh*'$_{Fd}$					*DE*'$_{Fd}$	$h_{siM,d}$	*rgb**$_{Md}$			*LabCh**$_{Md}$				
0/648	R00Y_100_100$_d$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	0.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
1/657	R13Y_100_100$_d$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	52.4	54.9	53.4	76.6	44.2	1.0	0.125	0.0	52.8	54.4	54.4	77.0	44.9	1.1	36	1.0	0.116	0.0	52.4	54.9	53.4	76.6	44.2
2/666	R25Y_100_100$_d$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7	1.0	0.25	0.0	60.3	39.3	61.7	73.2	57.4	2.4	42	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
3/675	R38Y_100_100$_d$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	66.2	28.2	67.5	73.1	67.3	1.0	0.375	0.0	66.7	27.3	67.8	73.1	68.0	0.9	51	1.0	0.366	0.0	66.2	28.2	67.5	73.1	67.3
4/684	R50Y_100_100$_d$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7	0.0	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
5/693	R63Y_100_100$_d$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	76.4	9.6	76.9	77.5	82.8	1.0	0.625	0.0	76.0	10.3	76.7	77.4	82.3	0.8	68	1.0	0.633	0.0	76.4	9.6	76.9	77.5	82.8
6/702	R75Y_100_100$_d$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	90.7	1.2	77	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
7/711	R88Y_100_100$_d$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	87.2	−7.4	74.5	74.9	95.7	1.0	0.875	0.0	86.9	−7.0	73.8	74.1	95.4	0.8	83	1.0	0.883	0.0	87.2	−7.4	74.5	74.9	95.7
8/720	Y00G_100_100$_d$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	0.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
9/639	Y13G_100_100$_d$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	92.8	−17.3	92.3	93.9	100.6	0.875	1.0	0.0	92.9	−17.5	92.9	94.5	100.7	0.6	96	0.883	1.0	0.0	92.8	−17.3	92.3	93.9	100.6
10/558	Y25G_100_100$_d$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5	0.75	1.0	0.0	89.2	−22.0	88.4	91.1	104.0	0.9	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
11/477	Y38G_100_100$_d$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	81.8	−29.6	76.5	82.0	111.1	0.625	1.0	0.0	81.2	−30.0	75.6	81.4	111.6	1.1	111	0.633	1.0	0.0	81.8	−29.6	76.5	82.0	111.1
12/396	Y50G_100_100$_d$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4	0.0	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
13/315	Y63G_100_100$_d$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	68.9	−44.7	56.4	72.0	128.4	0.375	1.0	0.0	69.3	−44.0	57.2	72.1	127.5	1.1	128	0.366	1.0	0.0	68.9	−44.7	56.4	72.0	128.4
14/234	Y75G_100_100$_d$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3	0.25	1.0	0.0	62.2	−53.6	44.5	69.7	140.2	1.4	137	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
15/153	Y88G_100_100$_d$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	57.9	−60.2	36.5	70.4	148.7	0.125	1.0	0.0	58.1	−59.8	36.8	70.3	148.3	0.4	143	0.116	1.0	0.0	57.9	−60.2	36.5	70.4	148.7
16/72	G00C_100_100$_d$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
17/73	G13C_100_100$_d$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.116	54.6	−63.6	22.9	67.6	160.1	0.0	1.0	0.125	54.5	−63.4	22.2	67.2	160.6	0.6	156	0.0	1.0	0.116	54.6	−63.6	22.9	67.6	160.1
18/74	G25C_100_100$_d$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6	0.0	1.0	0.25	54.9	−59.7	13.1	61.1	167.5	1.2	162	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6
19/75	G38C_100_100$_d$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.366	55.4	−55.9	5.0	56.1	174.8	0.0	1.0	0.375	55.5	−55.6	4.5	55.8	175.3	0.6	171	0.0	1.0	0.366	55.4	−55.9	5.0	56.1	174.8
20/76	G50C_100_100$_d$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1	0.0	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
21/77	G63C_100_100$_d$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.633	57.0	−44.8	−13.7	46.8	197.0	0.0	1.0	0.625	57.0	−45.0	−13.2	46.9	196.4	0.5	188	0.0	1.0	0.633	57.0	−44.8	−13.7	46.8	197.0
22/78	G75C_100_100$_d$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6	0.0	1.0	0.75	56.9	−41.2	−20.2	45.9	206.0	1.2	197	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6
23/79	G88C_100_100$_d$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.883	55.6	−37.5	−29.8	47.9	218.4	0.0	1.0	0.875	55.8	−37.7	−29.0	47.6	217.5	0.8	203	0.0	1.0	0.883	55.6	−37.5	−29.8	47.9	218.4
24/80	C00B_100_100$_d$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	0.0	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
25/71	C13B_100_100$_d$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	52.5	−31.2	−43.1	53.3	234.0	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3	0.2	216	0.0	0.883	1.0	52.5	−31.2	−43.1	53.3	234.0
26/62	C25B_100_100$_d$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6	0.0	0.75	1.0	52.6	−27.0	−47.6	54.7	240.4	0.7	222	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6
27/53	C38B_100_100$_d$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	50.1	−20.6	−49.9	54.0	247.5	0.0	0.625	1.0	50.0	−20.1	−50.0	53.9	248.0	0.5	231	0.0	0.633	1.0	50.1	−20.6	−49.9	54.0	247.5
28/44	C50B_100_100$_d$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4	0.0	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
29/35	C63B_100_100$_d$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	41.3	−4.9	−49.5	49.8	264.3	0.0	0.375	1.0	41.6	−5.5	−49.5	49.8	263.5	0.7	248	0.0	0.366	1.0	41.3	−4.9	−49.5	49.8	264.3
30/26	C75B_100_100$_d$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5	0.0	0.25	1.0	36.0	4.2	−49.4	49.6	274.9	1.4	257	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5
31/17	C88B_100_100$_d$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	34.4	15.1	−45.7	48.1	288.2	0.0	0.125	1.0	34.6	14.4	−45.8	48.0	287.4	0.7	263	0.0	0.116	1.0	34.4	15.1	−45.7	48.1	288.2
32/8	B00M_100_100$_d$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	0.0	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
33/89	B13M_100_100$_d$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	31.3	31.0	−40.8	51.3	307.2	0.125	0.0	1.0	31.2	31.5	−40.6	51.4	307.7	0.5	276	0.116	0.0	1.0	31.3	31.0	−40.8	51.3	307.2
34/170	B25M_100_100$_d$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1	0.25	0.0	1.0	31.2	39.0	−35.9	53.1	317.3	1.2	282	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1
35/251	B38M_100_100$_d$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	33.3	45.2	−32.4	55.6	324.3	0.375	0.0	1.0	33.4	45.6	−32.1	55.7	324.8	0.5	291	0.366	0.0	1.0	33.3	45.2	−32.4	55.6	324.3
36/332	B50M_100_100$_d$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9	0.0	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
37/413	B63M_100_100$_d$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	38.9	55.7	−24.2	60.8	336.4	0.625	0.0	1.0	38.7	55.4	−24.5	60.6	336.0	0.5	308	0.633	0.0	1.0	38.9	55.7	−24.2	60.8	336.4
38/494	B75M_100_100$_d$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8	0.75	0.0	1.0	41.7	60.2	−19.1	63.1	342.3	0.8	317	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8
39/575	B88M_100_100$_d$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	44.6	65.2	−15.7	67.1	346.4	0.875	0.0	1.0	44.4	64.8	−16.0	66.8	346.1	0.5	323	0.883	0.0	1.0	44.6	65.2	−15.7	67.1	346.4
40/656	M00R_100_100$_d$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	0.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
41/655	M13R_100_100$_d$	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	47.2	70.0	−9.3	70.6	352.3	1.0	0.0	0.875	47.1	70.0	−9.2	70.6	352.4	0.1	336	1.0	0.0	0.883	47.2	70.0	−9.3	70.6	352.3
42/654	M25R_100_100$_d$	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7	1.0	0.0	0.75	46.2	67.7	−3.0	67.7	357.3	0.8	342	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7
43/653	M38R_100_100$_d$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	46.2	65.2	4.2	65.3	3.7	1.0	0.0	0.625	46.2	65.0	4.7	65.1	364.1	0.5	351	1.0	0.0	0.633	46.2	65.2	4.2	65.3	3.7
44/652	M50R_100_100$_d$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0	1.0	0.0	0.5	45.8	62.3	12.1	63.5	371.0	0.0	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
45/651	M63R_100_100$_d$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	45.9	60.1	20.1	63.4	18.5	1.0	0.0	0.375	45.9	60.1	19.6	63.3	378.0	0.5	368	1.0	0.0	0.366	45.9	60.1	20.1	63.4	18.5
46/650	M75R_100_100$_d$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9	1.0	0.0	0.25	46.2	59.2	27.9	65.4	385.2	0.9	377	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9
47/649	M88R_100_100$_d$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	46.6	59.4	35.2	69.0	30.6	1.0	0.0	0.125	46.6	59.3	34.8	68.8	390.4	0.3	383	1.0	0.0	0.116	46.6	59.4	35.2	69.0	30.6
48/648	R00Y_100_100$_d$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	46.9	59.8	39.9	71.9	393.7	0.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
49/0	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
50/91	NW_013$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	21.3	0.0	−0.5	0.6	267.5	5.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
51/182	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	35.1	0.0	−1.1	1.1	269.9	1.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
52/273	NW_038$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	49.3	0.1	−1.1	1.1	276.0	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
53/364	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	59.2	0.1	−1.0	1.0	279.0	3.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
54/455	NW_063$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.5	0.1	−0.8	0.8	280.1	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
55/546	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	77.0	0.2	−0.2	0.3	313.6	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
56/637	NW_088$_d$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	88.7	0.1	−0.1	0.2	313.1	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
57/728	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta *E' = *0.8***

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

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

1−0031730−F0

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

n/j	HIC*$_{Fd}$	*rgb*$_{Fd}$			*ict*$_{Fd}$			$h_{si\_F,d}$	*rgb**$_{Fd}$			*LabCh**$_{Fd}$					*rgb*'$_{Fd}$			*LabCh*'$_{Fd}$					*DE*'$_{Fd}$	$h_{siM,d}$	*rgb**$_{Md}$			*LabCh**$_{Md}$				
0/648	R00Y_100_100$_d$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	0.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
1/666	R25Y_100_100$_d$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7	1.0	0.25	0.0	60.3	39.3	61.7	73.2	57.4	2.4	42	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
2/684	R50Y_100_100$_d$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7	0.0	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
3/702	R75Y_100_100$_d$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	90.7	1.2	77	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
4/720	Y00G_100_100$_d$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	0.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
5/558	Y25G_100_100$_d$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5	0.75	1.0	0.0	89.2	−22.0	88.4	91.1	104.0	0.9	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
6/396	Y50G_100_100$_d$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4	0.0	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
7/234	Y75G_100_100$_d$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3	0.25	1.0	0.0	62.2	−53.6	44.5	69.7	140.2	1.4	137	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
8/72	G00B_100_100$_d$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
9/72	G00B_100_100$_d$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
10/76	G25B_100_100$_d$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1	0.0	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
11/80	G50B_100_100$_d$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	0.0	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
12/44	G75B_100_100$_d$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4	0.0	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
13/8	B00M_100_100$_d$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	0.0	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
14/332	B25R_100_100$_d$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9	0.0	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
15/656	B50R_100_100$_d$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	0.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
16/652	B75R_100_100$_d$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0	0.0	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
17/648	R00Y_100_100$_d$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	0.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
18/688	R00Y_100_050$_d$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.6	29.9	19.9	35.9	33.7	1.0	0.5	0.5	72.9	21.9	30.1	37.2	53.8	12.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
19/706	R50Y_100_050$_d$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	84.2	8.5	36.4	37.4	76.7	1.0	0.75	0.5	84.2	2.3	40.9	41.0	86.7	7.7	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
20/724	Y00G_100_050$_d$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	93.8	−7.2	42.0	42.7	99.7	1.0	1.0	0.5	93.3	−11.7	47.0	48.4	104.0	6.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
21/562	Y50G_100_050$_d$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	85.1	−19.0	32.4	37.6	120.4	0.75	1.0	0.5	87.6	−21.1	41.2	46.3	117.1	9.4	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
22/400	G00B_100_050$_d$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	75.7	−32.3	16.2	36.2	153.3	0.5	1.0	0.5	77.7	−27.5	17.5	32.6	147.4	5.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
23/404	G50B_100_050$_d$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	74.6	−16.4	−20.2	26.0	230.7	0.5	1.0	1.0	75.5	−15.9	−24.6	29.3	237.0	4.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
24/368	B00R_100_050$_d$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	64.0	12.3	−21.6	24.9	299.6	0.5	0.5	1.0	57.5	11.5	−30.8	32.9	290.5	11.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
25/692	B50R_100_050$_d$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	72.0	35.2	−5.4	35.6	351.1	1.0	0.5	1.0	73.3	35.3	−9.3	36.5	345.2	4.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
26/688	R00Y_100_050$_d$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.6	29.9	19.9	35.9	33.7	1.0	0.5	0.5	72.9	21.9	30.1	37.2	53.8	12.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
27/506	R00Y_075_050$_d$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.6	29.9	19.9	35.9	33.7	0.75	0.25	0.25	54.9	23.2	27.4	36.0	49.7	10.5	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
28/524	R50Y_075_050$_d$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	64.2	8.5	36.4	37.4	76.7	0.75	0.5	0.25	67.1	4.0	37.6	37.8	83.8	5.5	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
29/542	Y00G_075_050$_d$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	73.8	−7.2	42.0	42.7	99.7	0.75	0.75	0.25	80.6	−10.8	50.9	52.0	101.9	11.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
30/380	Y50G_075_050$_d$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	65.1	−19.0	32.4	37.6	120.4	0.5	0.75	0.25	72.1	−21.4	35.7	41.7	120.9	8.1	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
31/218	G00B_075_050$_d$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	55.8	−32.3	16.2	36.2	153.3	0.25	0.75	0.25	58.9	−34.0	18.3	38.6	151.6	4.1	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
32/222	G50B_075_050$_d$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	54.6	−16.4	−20.2	26.0	230.7	0.25	0.75	0.75	61.9	−19.0	−25.6	31.9	233.3	9.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
33/186	B00R_075_050$_d$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	44.0	12.3	−21.6	24.9	299.6	0.25	0.25	0.75	46.2	13.1	−30.7	33.4	293.2	9.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
34/510	B50R_075_050$_d$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.0	35.2	−5.4	35.6	351.1	0.75	0.25	0.75	53.8	38.4	−12.4	40.4	342.0	7.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
35/506	R00Y_075_050$_d$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.6	29.9	19.9	35.9	33.7	0.75	0.25	0.25	54.9	23.2	27.4	36.0	49.7	10.5	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
36/324	R00Y_050_050$_d$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	31.6	29.9	19.9	35.9	33.7	0.5	0.0	0.0	32.6	38.4	27.1	47.1	35.2	11.2	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
37/342	R50Y_050_050$_d$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	44.2	8.5	36.4	37.4	76.7	0.5	0.25	0.0	44.3	7.9	41.5	42.3	79.1	5.2	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
38/360	Y00G_050_050$_d$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	53.8	−7.2	42.0	42.7	99.7	0.5	0.5	0.0	58.5	−10.2	57.3	58.2	100.0	16.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
39/198	Y50G_050_050$_d$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	45.1	−19.0	32.4	37.6	120.4	0.25	0.5	0.0	47.0	−24.5	37.8	45.1	122.9	7.9	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
40/36	G00B_050_050$_d$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	35.8	−32.3	16.2	36.2	153.3	0.0	0.5	0.0	43.4	−62.0	24.5	66.7	158.4	31.7	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
41/40	G50B_050_050$_d$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	34.7	−16.4	−20.2	26.0	230.7	0.0	0.5	0.5	43.9	−23.5	−34.3	41.6	235.6	18.2	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
42/4	B00R_050_050$_d$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	24.1	12.3	−21.6	24.9	299.6	0.0	0.0	0.5	29.8	18.0	−38.5	42.5	295.0	18.7	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
43/328	B50R_050_050$_d$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.0	35.2	−5.4	35.6	351.1	0.5	0.0	0.5	34.4	45.4	−10.4	46.6	347.0	11.6	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
44/324	R00Y_050_050$_d$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	31.6	29.9	19.9	35.9	33.7	0.5	0.0	0.0	32.6	38.4	27.1	47.1	35.2	11.2	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
45/0	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
46/91	NW_013$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	21.3	0.0	−0.5	0.6	267.5	5.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
47/182	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	35.1	0.0	−1.1	1.1	269.9	1.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
48/273	NW_038$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	49.3	0.1	−1.1	1.1	276.0	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
49/364	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	59.2	0.1	−1.0	1.0	279.0	3.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
50/455	NW_063$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.5	0.1	−0.8	0.8	280.1	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
51/546	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	77.0	0.2	−0.2	0.3	313.6	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
52/637	NW_088$_d$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	88.7	0.1	−0.1	0.2	313.1	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
53/728	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta *E' = *5.7***

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

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

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

1−0031830−F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 20/33

n=j	HIC*Fd	rgb_Fd			ict_Fd			$h_{si_F,d}$
0	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360
1	B00R_012_012d	0.0	0.0	0.125	0.125	0.125	0.062	270
2	B00R_025_025d	0.0	0.0	0.25	0.25	0.25	0.125	270
3	B00R_037_037d	0.0	0.0	0.375	0.375	0.375	0.187	270
4	B00R_050_050d	0.0	0.0	0.5	0.5	0.5	0.25	270
5	B00R_062_062d	0.0	0.0	0.625	0.625	0.625	0.312	270
6	B00R_075_075d	0.0	0.0	0.75	0.75	0.75	0.375	270
7	B00R_087_087d	0.0	0.0	0.875	0.875	0.875	0.437	270
8	B00R_100_100d	0.0	0.0	1.0	1.0	1.0	0.5	270
9	G00B_012_012d	0.0	0.125	0.0	0.125	0.125	0.062	150
10	G50B_012_012d	0.0	0.125	0.125	0.125	0.125	0.062	210
11	G75B_025_025d	0.0	0.125	0.25	0.25	0.25	0.125	240
12	G84B_037_037d	0.0	0.125	0.375	0.375	0.375	0.187	251
13	G88B_050_050d	0.0	0.125	0.5	0.5	0.5	0.25	256
14	G90B_062_062d	0.0	0.125	0.625	0.625	0.625	0.312	259
15	G92B_075_075d	0.0	0.125	0.75	0.75	0.75	0.375	261
16	G93B_087_087d	0.0	0.125	0.875	0.875	0.875	0.437	262
17	G94B_100_100d	0.0	0.125	1.0	1.0	1.0	0.5	263
18	G00B_025_025d	0.0	0.25	0.0	0.25	0.25	0.125	150
19	G25B_025_025d	0.0	0.25	0.125	0.25	0.25	0.125	180
20	G50B_025_025d	0.0	0.25	0.25	0.25	0.25	0.125	210
21	G65B_037_037d	0.0	0.25	0.375	0.375	0.375	0.187	229
22	G75B_050_050d	0.0	0.25	0.5	0.5	0.5	0.25	240
23	G80B_062_062d	0.0	0.25	0.625	0.625	0.625	0.312	247
24	G84B_075_075d	0.0	0.25	0.75	0.75	0.75	0.375	251
25	G86B_087_087d	0.0	0.25	0.875	0.875	0.875	0.437	254
26	G88B_100_100d	0.0	0.25	1.0	1.0	1.0	0.5	256
27	G00B_037_037d	0.0	0.375	0.0	0.375	0.375	0.187	150
28	G15B_037_037d	0.0	0.375	0.125	0.375	0.375	0.187	169
29	G34B_037_037d	0.0	0.375	0.25	0.375	0.375	0.187	191
30	G50B_037_037d	0.0	0.375	0.375	0.375	0.375	0.187	210
31	G61B_050_050d	0.0	0.375	0.5	0.5	0.5	0.25	224
32	G69B_062_062d	0.0	0.375	0.625	0.625	0.625	0.312	233
33	G75B_075_075d	0.0	0.375	0.75	0.75	0.75	0.375	240
34	G79B_087_087d	0.0	0.375	0.875	0.875	0.875	0.437	245
35	G81B_100_100d	0.0	0.375	1.0	1.0	1.0	0.5	248
36	G00B_050_050d	0.0	0.5	0.0	0.5	0.5	0.25	150
37	G11B_050_050d	0.0	0.5	0.125	0.5	0.5	0.25	164
38	G25B_050_050d	0.0	0.5	0.25	0.5	0.5	0.25	180
39	G38B_050_050d	0.0	0.5	0.375	0.5	0.5	0.25	196
40	G50B_050_050d	0.0	0.5	0.5	0.5	0.5	0.25	210
41	G59B_062_062d	0.0	0.5	0.625	0.625	0.625	0.312	221
42	G65B_075_075d	0.0	0.5	0.75	0.75	0.75	0.375	229
43	G70B_087_087d	0.0	0.5	0.875	0.875	0.875	0.437	235
44	G75B_100_100d	0.0	0.5	1.0	1.0	1.0	0.5	240
45	G00B_062_062d	0.0	0.625	0.0	0.625	0.625	0.312	150
46	G09B_062_062d	0.0	0.625	0.125	0.625	0.625	0.312	161
47	G19B_062_062d	0.0	0.625	0.25	0.625	0.625	0.312	173
48	G30B_062_062d	0.0	0.625	0.375	0.625	0.625	0.312	187
49	G40B_062_062d	0.0	0.625	0.5	0.625	0.625	0.312	199
50	G50B_062_062d	0.0	0.625	0.625	0.625	0.625	0.312	210
51	G57B_075_075d	0.0	0.625	0.75	0.75	0.75	0.375	219
52	G63B_087_087d	0.0	0.625	0.875	0.875	0.875	0.437	226
53	G68B_100_100d	0.0	0.625	1.0	1.0	1.0	0.5	232
54	G00B_075_075d	0.0	0.75	0.0	0.75	0.75	0.375	150
55	G07B_075_075d	0.0	0.75	0.125	0.75	0.75	0.375	159
56	G15B_075_075d	0.0	0.75	0.25	0.75	0.75	0.375	169
57	G25B_075_075d	0.0	0.75	0.375	0.75	0.75	0.375	180
58	G34B_075_075d	0.0	0.75	0.5	0.75	0.75	0.375	191
59	G42B_075_075d	0.0	0.75	0.625	0.75	0.75	0.375	201
60	G50B_075_075d	0.0	0.75	0.75	0.75	0.75	0.375	210
61	G56B_087_087d	0.0	0.75	0.875	0.875	0.875	0.437	218
62	G61B_100_100d	0.0	0.75	1.0	1.0	1.0	0.5	224
63	G00B_087_087d	0.0	0.875	0.0	0.875	0.875	0.437	150
64	G06B_087_087d	0.0	0.875	0.125	0.875	0.875	0.437	158
65	G13B_087_087d	0.0	0.875	0.25	0.875	0.875	0.437	166
66	G20B_087_087d	0.0	0.875	0.375	0.875	0.875	0.437	175
67	G29B_087_087d	0.0	0.875	0.5	0.875	0.875	0.437	185
68	G36B_087_087d	0.0	0.875	0.625	0.875	0.875	0.437	194
69	G43B_087_087d	0.0	0.875	0.75	0.875	0.875	0.437	202
70	G50B_087_087d	0.0	0.875	0.875	0.875	0.875	0.437	210
71	G55B_100_100d	0.0	0.875	1.0	1.0	1.0	0.5	217
72	G00B_100_100d	0.0	1.0	0.0	1.0	1.0	0.5	150
73	G05B_100_100d	0.0	1.0	0.125	1.0	1.0	0.5	157
74	G11B_100_100d	0.0	1.0	0.25	1.0	1.0	0.5	164
75	G18B_100_100d	0.0	1.0	0.375	1.0	1.0	0.5	172
76	G25B_100_100d	0.0	1.0	0.5	1.0	1.0	0.5	180
77	G31B_100_100d	0.0	1.0	0.625	1.0	1.0	0.5	188
78	G38B_100_100d	0.0	1.0	0.75	1.0	1.0	0.5	196
79	G44B_100_100d	0.0	1.0	0.875	1.0	1.0	0.5	203
80	G50B_100_100d	0.0	1.0	1.0	1.0	1.0	0.5	210

n=j	rgb*Fd			LabCh*Fd				
0	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0
1	0.0	0.0	0.125	18.3	3.0	−5.4	6.2	299.6
2	0.0	0.0	0.25	20.2	6.1	−10.8	12.4	299.6
3	0.0	0.0	0.375	22.1	9.2	−16.2	18.7	299.6
4	0.0	0.0	0.5	24.1	12.3	−21.6	24.9	299.6
5	0.0	0.0	0.625	26.0	15.4	−27.1	31.1	299.6
6	0.0	0.0	0.75	27.9	18.4	−32.5	37.4	299.6
7	0.0	0.0	0.875	29.8	21.5	−37.9	43.6	299.6
8	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
9	0.0	0.125	0.0	21.2	−8.0	4.0	9.0	153.3
10	0.0	0.125	0.125	20.9	−4.1	−5.0	6.5	230.7
11	0.0	0.125	0.25	23.7	−3.2	−12.5	12.9	255.4
12	0.0	0.118	0.375	24.8	−0.3	−18.6	18.6	268.8
13	0.0	0.116	0.5	26.1	2.8	−24.5	24.7	276.5
14	0.0	0.114	0.625	28.1	6.1	−29.8	30.4	281.6
15	0.0	0.112	0.75	30.2	9.3	−35.0	36.2	284.9
16	0.0	0.116	0.875	32.4	12.0	−40.3	42.1	286.6
17	0.0	0.116	1.0	34.4	15.1	−45.7	48.1	288.2
18	0.0	0.25	0.0	26.0	−16.1	8.1	18.1	153.3
19	0.0	0.25	0.125	26.4	−12.5	−1.1	12.6	185.1
20	0.0	0.25	0.25	25.5	−8.2	−10.1	13.0	230.7
21	0.0	0.256	0.375	29.4	−8.7	−18.3	20.3	244.4
22	0.0	0.25	0.5	31.0	−6.5	−25.1	25.9	255.4
23	0.0	0.239	0.625	32.3	−3.7	−31.0	31.2	263.0
24	0.0	0.237	0.75	33.3	−0.7	−37.3	37.3	268.8
25	0.0	0.233	0.875	34.2	2.5	−43.3	43.4	273.3
26	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5
27	0.0	0.375	0.0	30.9	−24.2	12.1	27.1	153.3
28	0.0	0.375	0.118	30.9	−21.6	3.1	21.8	171.7
29	0.0	0.375	0.256	31.6	−16.2	−6.2	17.4	200.9
30	0.0	0.375	0.375	30.1	−12.3	−15.1	19.5	230.7
31	0.0	0.383	0.5	34.5	−13.8	−23.5	27.2	239.6
32	0.0	0.385	0.625	37.2	−12.3	−31.3	33.6	248.5
33	0.0	0.375	0.75	38.3	−9.7	−37.7	38.9	255.4
34	0.0	0.364	0.875	39.6	−7.0	−43.6	44.2	260.8
35	0.0	0.366	1.0	41.3	−4.9	−49.5	49.8	264.3
36	0.0	0.5	0.0	35.8	−32.3	16.2	36.2	153.3
37	0.0	0.5	0.116	35.6	−30.1	7.1	30.9	166.6
38	0.0	0.5	0.25	36.4	−25.1	−2.2	25.2	185.1
39	0.0	0.5	0.383	36.5	−20.4	−10.7	23.0	207.6
40	0.0	0.5	0.5	34.7	−16.4	−20.2	26.0	230.7
41	0.0	0.51	0.625	39.0	−18.3	−28.3	33.7	237.1
42	0.0	0.512	0.75	42.5	−17.5	−36.7	40.7	244.4
43	0.0	0.51	0.875	44.5	−15.5	−43.9	46.6	250.5
44	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
45	0.0	0.625	0.0	40.6	−40.4	20.2	45.2	153.3
46	0.0	0.625	0.114	40.3	−38.6	11.1	40.2	163.8
47	0.0	0.625	0.239	40.8	−34.5	2.4	34.6	176.0
48	0.0	0.625	0.385	41.8	−28.3	−7.9	29.4	195.6
49	0.0	0.625	0.51	41.3	−24.7	−15.6	29.2	212.2
50	0.0	0.625	0.625	39.2	−20.6	−25.2	32.5	230.7
51	0.0	0.637	0.75	43.5	−22.7	−33.1	40.2	235.5
52	0.0	0.641	0.875	47.8	−22.8	−42.0	47.8	241.4
53	0.0	0.633	1.0	50.1	−20.6	−49.9	54.0	247.5
54	0.0	0.75	0.0	45.5	−48.5	24.3	54.3	153.3
55	0.0	0.75	0.112	45.0	−47.1	15.2	49.5	162.0
56	0.0	0.75	0.237	45.5	−43.2	6.2	43.7	171.7
57	0.0	0.75	0.375	46.5	−37.7	−3.4	37.9	185.1
58	0.0	0.75	0.512	46.8	−32.5	−12.4	34.8	200.9
59	0.0	0.75	0.637	46.1	−28.9	−20.4	35.4	215.2
60	0.0	0.75	0.75	43.8	−24.7	−30.3	39.1	230.7
61	0.0	0.758	0.875	48.0	−27.0	−38.2	46.8	234.7
62	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6
63	0.0	0.875	0.0	50.4	−56.6	28.4	63.3	153.3
64	0.0	0.875	0.116	49.8	−55.3	18.9	58.5	161.1
65	0.0	0.875	0.233	50.2	−51.8	10.4	52.8	168.6
66	0.0	0.875	0.364	50.9	−47.2	1.1	47.2	178.6
67	0.0	0.875	0.51	51.8	−41.1	−9.2	42.1	192.6
68	0.0	0.875	0.641	51.8	−36.6	−16.9	40.3	204.8
69	0.0	0.875	0.758	50.9	−33.2	−24.9	41.5	216.8
70	0.0	0.875	0.875	48.4	−28.8	−35.3	45.6	230.7
71	0.0	0.883	1.0	52.5	−31.2	−43.1	53.3	234.0
72	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
73	0.0	1.0	0.116	54.6	−63.6	22.9	67.6	160.1
74	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6
75	0.0	1.0	0.366	55.4	−55.9	5.0	56.1	174.8
76	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
77	0.0	1.0	0.633	57.0	−44.8	−13.7	46.8	197.0
78	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6
79	0.0	1.0	0.883	55.6	−37.5	−29.8	47.9	218.4
80	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

n=j	rgb*'Fd			LabCh*'Fd					DE*'Fd	$h_{siM,d}$
0	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	360
1	0.0	0.0	0.125	24.7	4.9	−12.6	13.5	291.3	9.8	270
2	0.0	0.0	0.25	23.7	4.7	−21.9	22.4	282.2	11.7	270
3	0.0	0.0	0.375	28.2	10.1	−29.8	31.5	288.8	14.9	270
4	0.0	0.0	0.5	29.8	18.0	−38.5	42.5	295.0	18.7	270
5	0.0	0.0	0.625	27.8	25.8	−43.6	50.7	300.6	19.6	270
6	0.0	0.0	0.75	28.9	25.4	−43.3	50.3	300.4	12.9	270
7	0.0	0.0	0.875	30.3	26.6	−43.3	50.8	301.6	7.4	270
8	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	0.0	270
9	0.0	0.125	0.0	31.0	−8.7	4.5	9.8	152.2	9.8	149
10	0.0	0.125	0.125	28.7	−9.2	−12.4	15.5	233.4	11.9	210
11	0.0	0.125	0.25	28.8	−5.8	−22.4	23.2	255.2	11.4	240
12	0.0	0.125	0.375	31.6	−3.8	−30.3	30.6	262.7	13.9	251
13	0.0	0.125	0.5	33.6	2.6	−39.5	39.6	273.7	16.7	257
14	0.0	0.125	0.625	35.0	9.4	−44.9	45.8	281.8	16.8	260
15	0.0	0.125	0.75	32.7	15.8	−46.0	48.7	289.0	13.0	262
16	0.0	0.125	0.875	33.7	16.7	−45.4	48.4	290.2	7.0	262
17	0.0	0.125	1.0	34.6	14.4	−45.8	48.0	287.4	0.7	263
18	0.0	0.25	0.0	35.7	−22.3	5.5	22.9	166.0	11.7	149
19	0.0	0.25	0.125	32.1	−19.3	−6.7	20.4	199.1	10.5	180
20	0.0	0.25	0.25	35.4	−13.6	−20.5	24.7	236.3	15.4	210
21	0.0	0.25	0.375	36.6	−10.9	−29.0	31.0	249.2	13.0	228
22	0.0	0.25	0.5	37.5	−8.2	−36.1	37.0	257.0	12.8	240
23	0.0	0.25	0.625	37.6	−4.5	−43.4	43.7	263.9	13.5	247
24	0.0	0.25	0.75	37.7	−0.7	−47.5	47.6	269.1	11.1	251
25	0.0	0.25	0.875	35.7	4.7	−49.3	49.5	275.4	6.5	255
26	0.0	0.25	1.0	36.0	4.2	−49.4	49.6	274.9	1.4	257
27	0.0	0.375	0.0	39.9	−35.9	13.8	38.4	158.9	14.8	149
28	0.0	0.375	0.125	38.1	−32.5	−0.7	32.5	181.3	13.6	168
29	0.0	0.375	0.25	38.2	−25.0	−15.5	29.4	211.7	14.4	191
30	0.0	0.375	0.375	40.0	−19.7	−27.3	33.6	234.2	17.3	210
31	0.0	0.375	0.5	40.4	−15.0	−34.8	37.9	246.5	12.8	222
32	0.0	0.375	0.625	41.9	−12.3	−41.1	42.9	253.2	10.8	232
33	0.0	0.375	0.75	42.9	−9.5	−47.6	48.5	258.6	10.8	240
34	0.0	0.375	0.875	43.1	−8.0	−49.4	50.1	260.7	6.8	245
35	0.0	0.375	1.0	41.6	−5.5	−49.5	49.8	263.5	0.7	248
36	0.0	0.5	0.0	43.4	−62.0	24.5	66.7	158.4	31.7	149
37	0.0	0.5	0.125	43.6	−61.4	11.8	62.6	169.1	32.6	162
38	0.0	0.5	0.25	41.9	−44.2	−7.1	44.8	189.1	20.4	180
39	0.0	0.5	0.375	42.9	−34.8	−22.3	41.3	212.7	19.5	197
40	0.0	0.5	0.5	43.9	−23.5	−34.3	41.6	235.6	18.2	210
41	0.0	0.5	0.625	44.7	−21.3	−38.9	44.4	241.3	12.4	219
42	0.0	0.5	0.75	46.8	−19.7	−45.8	49.8	246.7	10.2	228
43	0.0	0.5	0.875	47.4	−16.3	−49.5	52.1	251.7	6.3	234
44	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4	0.0	240
45	0.0	0.625	0.0	48.1	−68.1	29.1	74.1	156.8	30.0	149
46	0.0	0.625	0.125	48.0	−74.0	21.1	76.9	164.0	37.5	159
47	0.0	0.625	0.25	48.7	−69.5	6.2	69.8	174.8	36.0	172
48	0.0	0.625	0.375	49.9	−55.3	−10.5	56.3	190.8	28.2	187
49	0.0	0.625	0.5	51.3	−45.8	−25.2	52.3	208.7	25.2	200
50	0.0	0.625	0.625	50.4	−32.6	−36.2	48.8	227.9	19.7	210
51	0.0	0.625	0.75	50.5	−30.3	−40.4	50.5	233.0	12.6	217
52	0.0	0.625	0.875	50.7	−25.3	−46.5	52.9	241.3	5.9	224
53	0.0	0.625	1.0	50.0	−20.1	−50.0	53.9	248.0	0.5	231
54	0.0	0.75	0.0	51.2	−70.8	30.3	77.0	156.8	23.8	149
55	0.0	0.75	0.125	50.0	−73.8	22.2	77.1	163.2	28.0	157
56	0.0	0.75	0.25	50.0	−68.5	8.7	69.0	172.7	25.7	168
57	0.0	0.75	0.375	51.2	−59.6	−5.4	59.9	185.2	22.5	180
58	0.0	0.75	0.5	52.4	−50.8	−18.0	54.0	199.5	19.9	191
59	0.0	0.75	0.625	52.7	−43.9	−27.1	51.6	211.7	17.7	202
60	0.0	0.75	0.75	52.5	−36.6	−36.6	51.8	225.0	16.0	210
61	0.0	0.75	0.875	52.3	−32.9	−41.3	52.8	231.4	7.9	217
62	0.0	0.75	1.0	52.6	−27.0	−47.6	54.7	240.4	0.7	222
63	0.0	0.875	0.0	53.0	−69.3	31.1	75.9	155.7	13.2	149
64	0.0	0.875	0.125	52.2	−68.8	22.2	72.3	162.1	14.1	157
65	0.0	0.875	0.25	52.6	−63.7	11.3	64.7	169.9	12.1	164
66	0.0	0.875	0.375	53.9	−57.4	0.1	57.4	179.8	10.6	174
67	0.0	0.875	0.5	54.4	−50.3	−12.4	51.8	193.8	10.1	185
68	0.0	0.875	0.625	54.8	−45.3	−19.6	49.4	203.4	9.6	195
69	0.0	0.875	0.75	53.5	−41.7	−28.4	50.5	214.3	9.5	202
70	0.0	0.875	0.875	52.4	−35.3	−38.9	52.5	227.7	8.4	210
71	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3	0.2	216
72	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	149
73	0.0	1.0	0.125	54.5	−63.4	22.2	67.2	160.6	0.6	156
74	0.0	1.0	0.25	54.9	−59.7	13.1	61.1	167.5	1.2	162
75	0.0	1.0	0.375	55.5	−55.6	4.5	55.8	175.3	0.6	171
76	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1	0.0	180
77	0.0	1.0	0.625	57.0	−45.0	−13.2	46.9	196.4	0.5	188
78	0.0	1.0	0.75	56.9	−41.2	−20.2	45.9	206.0	1.2	197
79	0.0	1.0	0.875	55.8	−37.7	−29.0	47.6	217.5	0.8	203
80	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	0.0	210

Mean color difference of this page: **delta $E^{*\prime}$ = 12.3**

n=j	rgb*Md			LabCh*Md				
0	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
2	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
3	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
4	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
5	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
6	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
7	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
8	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
9	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
10	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
11	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
12	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
13	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5
14	0.0	0.183	1.0	35.2	9.8	−47.7	48.7	281.6
15	0.0	0.15	1.0	34.8	12.4	−46.7	48.3	284.9
16	0.0	0.133	1.0	34.7	13.7	−46.1	48.1	286.6
17	0.0	0.116	1.0	34.4	15.1	−45.7	48.1	288.2
18	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
19	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
20	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
21	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
22	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
23	0.0	0.383	1.0	41.9	−6.0	−49.6	49.9	263.0
24	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
25	0.0	0.266	1.0	36.7	2.9	−49.5	49.6	273.3
26	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5
27	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
28	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
29	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
30	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
31	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6
32	0.0	0.616	1.0	49.7	−19.6	−50.1	53.8	248.5
33	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
34	0.0	0.416	1.0	43.0	−8.0	−49.9	50.5	260.8
35	0.0	0.366	1.0	41.3	−4.9	−49.5	49.8	264.3
36	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
37	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6
38	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
39	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6
40	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
41	0.0	0.816	1.0	52.6	−29.2	−45.4	54.0	237.1
42	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
43	0.0	0.583	1.0	48.5	−17.7	−50.2	53.3	250.5
44	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
45	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
46	0.0	1.0	0.183	54.7	−61.8	17.8	64.4	163.8
47	0.0	1.0	0.383	55.5	−55.3	3.8	55.4	176.0
48	0.0	1.0	0.616	57.0	−45.4	−12.7	47.1	195.6
49	0.0	1.0	0.816	56.3	−39.6	−24.9	46.8	212.2
50	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
51	0.0	0.85	1.0	52.5	−30.3	−44.2	53.6	235.5
52	0.0	0.733	1.0	52.3	−26.1	−48.0	54.6	241.4
53	0.0	0.633	1.0	50.1	−20.6	−49.9	54.0	247.5
54	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
55	0.0	1.0	0.15	54.6	−62.8	20.3	66.0	162.0
56	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
57	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
58	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
59	0.0	1.0	0.85	56.0	−38.5	−27.3	47.2	215.2
60	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
61	0.0	0.866	1.0	52.5	−30.8	−43.6	53.5	234.7
62	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6
63	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
64	0.0	1.0	0.133	54.6	−63.2	21.6	66.8	161.1
65	0.0	1.0	0.266	55.0	−59.2	11.9	60.4	168.6
66	0.0	1.0	0.416	55.8	−54.0	1.2	54.0	178.6
67	0.0	1.0	0.583	56.9	−46.9	−10.5	48.1	192.6
68	0.0	1.0	0.733	56.9	−41.8	−19.3	46.1	204.8
69	0.0	1.0	0.866	55.9	−38.0	−28.4	47.5	216.8
70	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
71	0.0	0.883	1.0	52.5	−31.2	−43.1	53.3	234.0
72	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
73	0.0	1.0	0.116	54.6	−63.6	22.9	67.6	160.1
74	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6
75	0.0	1.0	0.366	55.4	−55.9	5.0	56.1	174.8
76	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
77	0.0	1.0	0.633	57.0	−44.8	−13.7	46.8	197.0
78	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6
79	0.0	1.0	0.883	55.6	−37.5	−29.8	47.9	218.4
80	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

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RE730−7N, Page 20/33−F

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

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

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

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 21/33

n	HIC*Fd	rgb_Fd			ict_Fd			$h_{si_F,d}$	rgb*Fd			LabCh*Fd				
81	R00Y_012_012d	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	20.2	7.4	4.9	8.9	33.7
82	B50R_012_012d	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	20.2	8.8	−1.3	8.9	351.1
83	B25R_025_025d	0.125	0.0	0.25	0.25	0.25	0.125	300	0.125	0.0	0.25	21.2	12.5	−7.2	14.4	329.9
84	B15R_037_037d	0.125	0.0	0.375	0.375	0.375	0.187	289	0.118	0.0	0.375	22.3	15.9	−12.7	20.4	321.3
85	B11R_050_050d	0.125	0.0	0.5	0.5	0.5	0.25	284	0.116	0.0	0.5	23.8	19.0	−18.3	26.4	316.1
86	B09R_062_062d	0.125	0.0	0.625	0.625	0.625	0.312	281	0.114	0.0	0.625	25.6	21.9	−24.1	32.6	312.2
87	B07R_075_075d	0.125	0.0	0.75	0.75	0.75	0.375	279	0.112	0.0	0.75	27.5	24.8	−29.8	38.8	309.7
88	B06R_087_087d	0.125	0.0	0.875	0.875	0.875	0.437	278	0.116	0.0	0.875	29.4	28.0	−35.3	45.1	308.4
89	B05R_100_100d	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	31.3	31.0	−40.8	51.3	307.2
90	Y00G_012_012d	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	25.7	−1.8	10.5	10.6	99.7
91	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0
92	B00R_025_012d	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	28.2	3.0	−5.4	6.2	299.6
93	B00R_037_025d	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	30.2	6.1	−10.8	12.4	299.6
94	B00R_050_037d	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	32.1	9.2	−16.2	18.7	299.6
95	B00R_062_050d	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	34.0	12.3	−21.6	24.9	299.6
96	B00R_075_062d	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	36.0	15.4	−27.1	31.1	299.6
97	B00R_087_075d	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	37.9	18.4	−32.5	37.4	299.6
98	B00R_100_087d	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	39.8	21.5	−37.9	43.6	299.6
99	Y50G_025_025d	0.125	0.25	0.0	0.25	0.25	0.125	120	0.125	0.25	0.0	30.7	−9.5	16.2	18.8	120.4
100	G00B_025_012d	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	31.2	−8.0	4.0	9.0	153.3
101	G50B_025_012d	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	30.9	−4.1	−5.0	6.5	230.7
102	G75B_037_025d	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.25	0.375	33.6	−3.2	−12.5	12.9	255.4
103	G84B_050_037d	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.243	0.5	34.8	−0.3	−18.6	18.6	268.8
104	G88B_062_050d	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.241	0.625	36.1	2.8	−24.5	24.7	276.5
105	G90B_075_062d	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.239	0.75	38.1	6.1	−29.8	30.4	281.6
106	G92B_087_075d	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.237	0.875	40.2	9.3	−35.0	36.2	284.9
107	G93B_100_087d	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.241	1.0	42.4	12.0	−40.3	42.1	286.6
108	Y68G_037_037d	0.125	0.375	0.0	0.375	0.375	0.187	131	0.118	0.375	0.0	34.9	−18.3	19.3	26.6	133.4
109	G00B_037_025d	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	36.0	−16.1	8.1	18.1	153.3
110	G25B_037_025d	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.25	36.4	−12.5	−1.1	12.6	185.1
111	G50B_037_025d	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	35.5	−8.2	−10.1	13.0	230.7
112	G65B_050_037d	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.381	0.5	39.4	−8.7	−18.3	20.3	244.4
113	G75B_062_050d	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.375	0.625	41.0	−6.5	−25.1	25.9	255.4
114	G80B_075_062d	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.364	0.75	42.3	−3.7	−31.0	31.2	263.0
115	G84B_087_075d	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.362	0.875	43.3	−0.7	−37.3	37.3	268.8
116	G86B_100_087d	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.358	1.0	44.2	2.5	−43.3	43.4	273.3
117	Y76G_050_050d	0.125	0.5	0.0	0.5	0.5	0.25	136	0.116	0.5	0.0	39.0	−27.2	21.7	34.8	141.3
118	G00B_050_037d	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	40.9	−24.2	12.1	27.1	153.3
119	G15B_050_037d	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.243	40.9	−21.6	3.1	21.8	171.7
120	G34B_050_037d	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.381	41.6	−16.2	−6.2	17.4	200.9
121	G50B_050_037d	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	40.1	−12.3	−15.1	19.5	230.7
122	G61B_062_050d	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.508	0.625	44.5	−13.8	−23.5	27.2	239.6
123	G69B_075_062d	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.51	0.75	47.2	−12.3	−31.3	33.6	248.5
124	G75B_087_075d	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.5	0.875	48.3	−9.7	−37.7	38.9	255.4
125	G79B_100_087d	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.489	1.0	49.6	−7.0	−43.6	44.2	260.8
126	Y81G_062_062d	0.125	0.625	0.0	0.625	0.625	0.312	139	0.114	0.625	0.0	43.6	−35.6	25.3	43.7	144.6
127	G00B_062_050d	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	45.8	−32.3	16.2	36.2	153.3
128	G11B_062_050d	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.241	45.6	−30.1	7.1	30.9	166.6
129	G25B_062_050d	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.375	46.4	−25.1	−2.2	25.2	185.1
130	G38B_062_050d	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.508	46.5	−20.4	−10.7	23.0	207.6
131	G50B_062_050d	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	44.6	−16.4	−20.2	26.0	230.7
132	G59B_075_062d	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.635	0.75	49.0	−18.3	−28.3	33.7	237.1
133	G65B_087_075d	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.637	0.875	52.5	−17.5	−36.7	40.7	244.4
134	G70B_100_087d	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.635	1.0	54.5	−15.5	−43.9	46.6	250.5
135	Y85G_075_075d	0.125	0.75	0.0	0.75	0.75	0.375	141	0.112	0.75	0.0	48.3	−44.0	28.8	52.6	146.7
136	G00B_075_062d	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	50.6	−40.4	20.2	45.2	153.3
137	G09B_075_062d	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.239	50.3	−38.6	11.1	40.2	163.8
138	G19B_075_062d	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.364	50.8	−34.5	2.4	34.6	176.0
139	G30B_075_062d	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.51	51.7	−28.3	−7.9	29.4	195.6
140	G40B_075_062d	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.635	51.3	−24.7	−15.6	29.2	212.2
141	G50B_075_062d	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	49.2	−20.6	−25.2	32.5	230.7
142	G57B_087_075d	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.762	0.875	53.5	−22.7	−33.1	40.2	235.5
143	G63B_100_087d	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	0.766	1.0	57.8	−22.8	−42.0	47.8	241.4
144	Y86G_087_087d	0.125	0.875	0.0	0.875	0.875	0.437	142	0.116	0.875	0.0	53.1	−52.0	32.7	61.4	147.8
145	G00B_087_075d	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	55.5	−48.5	24.3	54.3	153.3
146	G07B_087_075d	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.237	55.0	−47.1	15.2	49.5	162.0
147	G15B_087_075d	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.362	55.5	−43.2	6.2	43.7	171.7
148	G25B_087_075d	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.5	56.5	−37.7	−3.4	37.9	185.1
149	G34B_087_075d	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.637	56.8	−32.5	−12.4	34.8	200.9
150	G42B_087_075d	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.762	56.1	−28.9	−20.4	35.4	215.2
151	G50B_087_075d	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	53.8	−24.7	−30.3	39.1	230.7
152	G56B_100_087d	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	0.883	1.0	58.0	−27.0	−38.2	46.8	234.7
153	Y88G_100_100d	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	57.9	−60.2	36.5	70.4	148.7
154	G00B_100_087d	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	60.3	−56.6	28.4	63.3	153.3
155	G06B_100_087d	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.241	59.8	−55.3	18.9	58.5	161.1
156	G13B_100_087d	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.358	60.2	−51.8	10.4	52.8	168.6
157	G20B_100_087d	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.489	60.9	−47.2	1.1	47.2	178.6
158	G29B_100_087d	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.635	61.8	−41.1	−9.2	42.1	192.6
159	G36B_100_087d	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.766	61.8	−36.6	−16.9	40.3	204.8
160	G43B_100_087d	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	1.0	0.883	60.9	−33.2	−24.9	41.5	216.8
161	G50B_100_087d	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	58.4	−28.8	−35.3	45.6	230.7

n	rgb*'Fd			LabCh*'Fd					DE*'Fd	$h_{siM,d}$
81	0.125	0.0	0.0	24.0	5.9	7.2	9.4	50.8	4.7	389
82	0.125	0.0	0.125	26.0	11.4	−4.6	12.3	338.0	7.1	330
83	0.125	0.0	0.25	26.4	14.7	−16.0	21.8	312.4	10.4	300
84	0.125	0.0	0.375	27.8	17.4	−23.7	29.4	306.3	12.3	288
85	0.125	0.0	0.5	28.6	26.8	−31.8	41.6	310.1	16.3	282
86	0.125	0.0	0.625	28.6	31.6	−35.0	47.2	312.0	14.8	279
87	0.125	0.0	0.75	29.3	34.3	−37.9	51.1	312.1	12.6	278
88	0.125	0.0	0.875	29.7	34.0	−39.9	52.4	310.4	7.5	277
89	0.125	0.0	1.0	31.2	31.5	−40.6	51.4	307.7	0.5	276
90	0.125	0.125	0.0	30.2	−4.3	14.4	15.0	106.8	6.4	89
91	0.125	0.125	0.125	21.3	0.0	−0.5	0.6	267.5	5.0	360
92	0.125	0.125	0.25	28.9	2.8	−15.8	16.0	280.2	10.4	270
93	0.125	0.125	0.375	31.2	5.1	−24.1	24.6	281.9	13.3	270
94	0.125	0.125	0.5	35.4	9.4	−28.1	29.7	288.4	12.3	270
95	0.125	0.125	0.625	37.8	14.4	−33.6	36.6	293.2	12.6	270
96	0.125	0.125	0.75	39.1	16.2	−38.1	41.4	293.0	11.5	270
97	0.125	0.125	0.875	36.0	21.3	−42.3	47.4	296.6	10.4	270
98	0.125	0.125	1.0	35.1	23.1	−41.8	47.8	298.9	6.3	270
99	0.125	0.25	0.0	36.6	−11.9	18.7	22.2	122.6	6.8	119
100	0.125	0.25	0.125	36.9	−11.2	4.4	12.0	158.2	6.5	149
101	0.125	0.25	0.25	34.4	−9.6	−14.9	17.7	237.1	11.8	210
102	0.125	0.25	0.375	37.8	−5.5	−22.5	23.2	256.1	11.0	240
103	0.125	0.25	0.5	40.4	−2.7	−27.9	28.0	264.3	11.0	251
104	0.125	0.25	0.625	43.4	0.9	−31.2	31.2	271.7	10.1	257
105	0.125	0.25	0.75	44.4	3.1	−36.3	36.4	274.9	9.5	260
106	0.125	0.25	0.875	39.7	10.9	−43.7	45.0	284.0	8.8	262
107	0.125	0.25	1.0	38.2	14.5	−43.2	45.6	288.5	5.6	262
108	0.125	0.375	0.0	40.9	−28.5	23.4	36.8	140.5	12.4	131
109	0.125	0.375	0.125	39.5	−22.7	6.3	23.6	164.3	7.6	149
110	0.125	0.375	0.25	37.5	−18.0	−7.4	19.5	202.4	8.4	180
111	0.125	0.375	0.375	42.7	−13.3	−21.4	25.2	238.1	14.4	210
112	0.125	0.375	0.5	43.7	−10.2	−26.4	28.3	248.8	9.2	228
113	0.125	0.375	0.625	45.8	−7.7	−30.3	31.3	255.6	7.1	240
114	0.125	0.375	0.75	47.2	−5.4	−34.0	34.5	260.8	6.0	247
115	0.125	0.375	0.875	45.3	−2.8	−44.7	44.8	266.3	7.9	251
116	0.125	0.375	1.0	40.4	2.5	−46.9	47.0	273.0	5.2	255
117	0.125	0.5	0.0	43.7	−42.4	28.6	51.2	145.9	17.3	137
118	0.125	0.5	0.125	44.1	−29.9	11.1	31.9	159.5	6.6	149
119	0.125	0.5	0.25	44.2	−26.8	−1.5	26.9	183.3	7.7	168
120	0.125	0.5	0.375	45.0	−20.8	−15.3	25.8	216.4	10.7	191
121	0.125	0.5	0.5	47.1	−16.3	−26.5	31.1	238.4	13.9	210
122	0.125	0.5	0.625	49.2	−13.5	−30.9	33.7	246.3	8.7	222
123	0.125	0.5	0.75	50.5	−11.4	−33.9	35.8	251.3	4.3	232
124	0.125	0.5	0.875	50.7	−10.8	−40.8	42.2	255.1	4.1	240
125	0.125	0.5	1.0	46.1	−8.6	−47.6	48.4	259.7	5.5	245
126	0.125	0.625	0.0	49.0	−53.8	33.4	63.3	148.1	20.5	140
127	0.125	0.625	0.125	49.2	−38.1	17.4	41.9	155.5	6.8	149
128	0.125	0.625	0.25	49.3	−36.0	5.8	36.5	170.8	7.0	162
129	0.125	0.625	0.375	50.0	−30.6	−8.3	31.7	195.2	8.8	180
130	0.125	0.625	0.5	51.5	−24.3	−19.7	31.3	219.0	10.9	197
131	0.125	0.625	0.625	52.7	−21.6	−28.6	35.9	233.0	12.7	210
132	0.125	0.625	0.75	53.5	−17.6	−33.2	37.6	242.0	6.6	219
133	0.125	0.625	0.875	53.2	−15.5	−38.6	41.6	248.1	2.8	228
134	0.125	0.625	1.0	51.2	−14.6	−46.5	48.7	252.5	4.2	234
135	0.125	0.75	0.0	54.0	−58.1	36.9	68.9	147.5	17.3	142
136	0.125	0.75	0.125	55.2	−43.6	22.2	49.0	152.9	5.8	149
137	0.125	0.75	0.25	55.0	−42.3	11.7	43.9	164.5	5.9	159
138	0.125	0.75	0.375	56.2	−40.4	0.2	40.4	179.6	8.2	172
139	0.125	0.75	0.5	57.7	−34.1	−12.3	36.3	199.9	9.3	187
140	0.125	0.75	0.625	57.9	−30.1	−22.3	37.5	216.6	10.8	200
141	0.125	0.75	0.75	57.5	−25.3	−30.9	39.9	230.6	11.0	210
142	0.125	0.75	0.875	56.9	−21.3	−36.8	42.5	239.9	5.2	217
143	0.125	0.75	1.0	55.9	−20.2	−43.0	47.5	244.7	3.3	224
144	0.125	0.875	0.0	58.4	−60.0	39.3	71.8	146.7	11.6	142
145	0.125	0.875	0.125	59.3	−56.3	28.7	63.2	152.9	9.7	149
146	0.125	0.875	0.25	59.2	−53.5	17.9	56.4	161.4	8.1	157
147	0.125	0.875	0.375	59.5	−49.3	5.3	49.6	173.7	7.3	168
148	0.125	0.875	0.5	60.7	−42.8	−6.0	43.3	187.9	7.1	180
149	0.125	0.875	0.625	60.9	−38.4	−14.4	41.0	200.6	7.4	191
150	0.125	0.875	0.75	60.8	−33.5	−23.4	40.9	214.9	7.2	202
151	0.125	0.875	0.875	59.5	−29.4	−32.9	44.2	228.2	7.8	210
152	0.125	0.875	1.0	58.3	−25.8	−40.3	47.8	237.3	2.4	217
153	0.125	1.0	0.0	58.1	−59.8	36.8	70.3	148.3	0.4	143
154	0.125	1.0	0.125	56.9	−60.4	29.4	67.2	153.9	5.2	149
155	0.125	1.0	0.25	56.7	−57.8	19.3	60.9	161.5	3.9	157
156	0.125	1.0	0.375	58.1	−53.1	9.6	54.0	169.7	2.5	164
157	0.125	1.0	0.5	59.0	−47.2	−1.5	47.3	181.8	3.2	174
158	0.125	1.0	0.625	59.5	−41.3	−12.1	43.0	196.4	3.7	185
159	0.125	1.0	0.75	59.8	−37.5	−18.5	41.9	206.3	2.7	195
160	0.125	1.0	0.875	59.9	−33.1	−26.0	42.1	218.1	1.5	202
161	0.125	1.0	1.0	56.0	−30.7	−37.5	48.5	230.7	3.7	210

Mean color difference of this page: **delta $E^{*\prime}$ = 8.2**

n	rgb*Md			LabCh*Md				
81	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
82	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
83	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
84	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
85	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1
86	0.183	0.0	1.0	31.2	35.1	−38.6	52.2	312.2
87	0.15	0.0	1.0	31.2	33.0	−39.8	51.7	309.7
88	0.133	0.0	1.0	31.2	32.0	−40.3	51.5	308.4
89	0.116	0.0	1.0	31.3	31.0	−40.8	51.3	307.2
90	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
91	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
92	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
93	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
94	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
95	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
96	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
97	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
98	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
99	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
100	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
101	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
102	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
103	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
104	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5
105	0.0	0.183	1.0	35.2	9.8	−47.7	48.7	281.6
106	0.0	0.15	1.0	34.8	12.4	−46.7	48.3	284.9
107	0.0	0.133	1.0	34.7	13.7	−46.1	48.1	286.6
108	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
109	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
110	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
111	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
112	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
113	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
114	0.0	0.383	1.0	41.9	−6.0	−49.6	49.9	263.0
115	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
116	0.0	0.266	1.0	36.7	2.9	−49.5	49.6	273.3
117	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
118	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
119	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
120	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
121	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
122	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6
123	0.0	0.616	1.0	49.7	−19.6	−50.1	53.8	248.5
124	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
125	0.0	0.416	1.0	43.0	−8.0	−49.9	50.5	260.8
126	0.183	1.0	0.0	60.0	−57.0	40.5	70.0	144.6
127	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
128	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6
129	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
130	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6
131	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
132	0.0	0.816	1.0	52.6	−29.2	−45.4	54.0	237.1
133	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
134	0.0	0.583	1.0	48.5	−17.7	−50.2	53.3	250.5
135	0.15	1.0	0.0	58.9	−58.7	38.4	70.1	146.7
136	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
137	0.0	1.0	0.183	54.7	−61.8	17.8	64.4	163.8
138	0.0	1.0	0.383	55.5	−55.3	3.8	55.4	176.0
139	0.0	1.0	0.616	57.0	−45.4	−12.7	47.1	195.6
140	0.0	1.0	0.816	56.3	−39.6	−24.9	46.8	212.2
141	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
142	0.0	0.85	1.0	52.5	−30.3	−44.2	53.6	235.5
143	0.0	0.733	1.0	52.3	−26.1	−48.0	54.6	241.4
144	0.133	1.0	0.0	58.4	−59.4	37.3	70.2	147.8
145	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
146	0.0	1.0	0.15	54.6	−62.8	20.3	66.0	162.0
147	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
148	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
149	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
150	0.0	1.0	0.85	56.0	−38.5	−27.3	47.2	215.2
151	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
152	0.0	0.866	1.0	52.5	−30.8	−43.6	53.5	234.7
153	0.116	1.0	0.0	57.9	−60.2	36.5	70.4	148.7
154	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
155	0.0	1.0	0.133	54.6	−63.2	21.6	66.8	161.1
156	0.0	1.0	0.266	55.0	−59.2	11.9	60.4	168.6
157	0.0	1.0	0.416	55.8	−54.0	1.2	54.0	178.6
158	0.0	1.0	0.583	56.9	−46.9	−10.5	48.1	192.6
159	0.0	1.0	0.733	56.9	−41.8	−19.3	46.1	204.8
160	0.0	1.0	0.866	55.9	−38.0	−28.4	47.5	216.8
161	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

1−0032030−F0 RE730−7N, Page 21/33−F

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

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

1−0032030−F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 22/33

n	*HIC**Fd	*rgb*_Fd			*ict*_Fd			$h_{si_F,d}$	*rgb**Fd			*LabCh**Fd				
162	R00Y_025_025d	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	24.0	14.9	9.9	17.9	33.7
163	R00Y_025_025d	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.125	23.7	15.5	3.0	15.8	11.0
164	B50R_025_025d	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	24.2	17.6	−2.7	17.8	351.1
165	B34R_037_037d	0.25	0.0	0.375	0.375	0.375	0.187	311	0.256	0.0	0.375	25.2	21.6	−8.3	23.1	339.0
166	B25R_050_050d	0.25	0.0	0.5	0.5	0.5	0.25	300	0.25	0.0	0.5	26.1	25.0	−14.4	28.9	329.9
167	B19R_062_062d	0.25	0.0	0.625	0.625	0.625	0.312	293	0.239	0.0	0.625	27.1	28.7	−19.9	34.9	325.2
168	B15R_075_075d	0.25	0.0	0.75	0.75	0.75	0.375	289	0.237	0.0	0.75	28.4	31.9	−25.5	40.9	321.3
169	B13R_087_087d	0.25	0.0	0.875	0.875	0.875	0.437	286	0.233	0.0	0.875	29.6	34.9	−31.0	46.7	318.3
170	B11R_100_100d	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1
171	R50Y_025_025d	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.125	0.0	30.3	4.2	18.2	18.7	76.7
172	R00Y_025_012d	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	30.1	7.4	4.9	8.9	33.7
173	B50R_025_012d	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	30.2	8.8	−1.3	8.9	351.1
174	B25R_037_025d	0.25	0.125	0.375	0.375	0.25	0.25	300	0.25	0.124	0.375	31.2	12.5	−7.2	14.4	329.9
175	B15R_050_037d	0.25	0.125	0.5	0.5	0.375	0.312	289	0.243	0.124	0.5	32.3	15.9	−12.7	20.4	321.3
176	B11R_062_050d	0.25	0.125	0.625	0.625	0.5	0.375	284	0.241	0.125	0.625	33.8	19.0	−18.3	26.4	316.1
177	B09R_075_062d	0.25	0.125	0.75	0.75	0.625	0.437	281	0.239	0.125	0.75	35.6	21.9	−24.1	32.6	312.2
178	B07R_087_075d	0.25	0.125	0.875	0.875	0.75	0.5	279	0.237	0.125	0.875	37.5	24.8	−29.8	38.8	309.7
179	B06R_100_087d	0.25	0.125	1.0	1.0	0.875	0.562	278	0.241	0.125	1.0	39.3	28.0	−35.3	45.1	308.4
180	Y00G_025_025d	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	35.1	−3.6	21.0	21.3	99.7
181	Y00G_025_012d	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	35.7	−1.8	10.5	10.6	99.7
182	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0
183	B00R_037_012d	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	38.2	3.0	−5.4	6.2	299.6
184	B00R_050_025d	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	40.2	6.1	−10.8	12.4	299.6
185	B00R_062_037d	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	42.1	9.2	−16.2	18.7	299.6
186	B00R_075_050d	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	44.0	12.3	−21.6	24.9	299.6
187	B00R_087_062d	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	46.0	15.4	−27.1	31.1	299.6
188	B00R_100_075d	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	47.9	18.4	−32.5	37.4	299.6
189	Y31G_037_037d	0.25	0.375	0.0	0.375	0.375	0.187	109	0.256	0.375	0.0	42.1	−10.0	30.6	32.2	108.1
190	Y50G_037_025d	0.25	0.375	0.125	0.375	0.25	0.25	120	0.25	0.375	0.124	40.7	−9.5	16.2	18.8	120.4
191	G00B_037_012d	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	41.2	−8.0	4.0	9.0	153.3
192	G50B_037_012d	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	40.9	−4.1	−5.0	6.5	230.7
193	G75B_050_025d	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.375	0.5	43.6	−3.2	−12.5	12.9	255.4
194	G84B_062_037d	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.368	0.625	44.8	−0.3	−18.6	18.6	268.8
195	G88B_075_050d	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.366	0.75	46.0	2.8	−24.5	24.7	276.5
196	G90B_087_062d	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.364	0.875	48.1	6.1	−29.8	30.4	281.6
197	G92B_100_075d	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.362	1.0	50.2	9.3	−35.0	36.2	284.9
198	Y50G_050_050d	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	45.1	−19.0	32.4	37.6	120.4
199	Y68G_050_037d	0.25	0.5	0.125	0.5	0.375	0.312	131	0.243	0.5	0.124	44.9	−18.3	19.3	26.6	133.4
200	G00B_050_025d	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	46.0	−16.1	8.1	18.1	153.3
201	G25B_050_025d	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.375	46.4	−12.5	−1.1	12.6	185.1
202	G50B_050_025d	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	45.5	−8.2	−10.1	13.0	230.7
203	G65B_062_037d	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.506	0.625	49.4	−8.7	−18.3	20.3	244.4
204	G75B_075_050d	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.5	0.75	51.0	−6.5	−25.1	25.9	255.4
205	G80B_087_062d	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.489	0.875	52.3	−3.7	−31.0	31.2	263.0
206	G84B_100_075d	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.487	1.0	53.3	−0.7	−37.3	37.3	268.8
207	Y61G_062_062d	0.25	0.625	0.0	0.625	0.625	0.312	127	0.239	0.625	0.0	49.6	−27.2	36.0	45.2	127.0
208	Y76G_062_050d	0.25	0.625	0.125	0.625	0.5	0.375	136	0.241	0.625	0.125	49.0	−27.2	21.7	34.8	141.3
209	G00B_062_037d	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	50.9	−24.2	12.1	27.1	153.3
210	G15B_062_037d	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.368	50.9	−21.6	3.1	21.8	171.7
211	G34B_062_037d	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.506	51.5	−16.2	−6.2	17.4	200.9
212	G50B_062_037d	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	50.1	−12.3	−15.1	19.5	230.7
213	G61B_075_050d	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.633	0.75	54.5	−13.8	−23.5	27.2	239.6
214	G69B_087_062d	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.635	0.875	57.1	−12.3	−31.3	33.6	248.5
215	G75B_100_075d	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.625	1.0	58.3	−9.7	−37.7	38.9	255.4
216	Y68G_075_075d	0.25	0.75	0.0	0.75	0.75	0.375	131	0.237	0.75	0.0	53.6	−36.6	38.6	53.2	133.4
217	Y81G_075_062d	0.25	0.75	0.125	0.75	0.625	0.437	139	0.239	0.75	0.125	53.6	−35.6	25.3	43.7	144.6
218	G00B_075_050d	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	55.8	−32.3	16.2	36.2	153.3
219	G11B_075_050d	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.366	55.6	−30.1	7.1	30.9	166.6
220	G25B_075_050d	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.5	56.4	−25.1	−2.2	25.2	185.1
221	G38B_075_050d	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.633	56.5	−20.4	−10.7	23.0	207.6
222	G50B_075_050d	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	54.6	−16.4	−20.2	26.0	230.7
223	G59B_087_062d	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.76	0.875	59.0	−18.3	−28.3	33.7	237.1
224	G65B_100_075d	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.762	1.0	62.5	−17.5	−36.7	40.7	244.4
225	Y73G_087_087d	0.25	0.875	0.0	0.875	0.875	0.437	134	0.233	0.875	0.0	57.3	−45.9	40.5	61.2	138.5
226	Y85G_087_075d	0.25	0.875	0.125	0.875	0.75	0.5	141	0.237	0.875	0.125	58.3	−44.0	28.8	52.6	146.7
227	G00B_087_062d	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	60.6	−40.4	20.2	45.2	153.3
228	G09B_087_062d	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.364	60.3	−38.6	11.1	40.2	163.8
229	G19B_087_062d	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.489	60.8	−34.5	2.4	34.6	176.0
230	G30B_087_062d	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.635	61.7	−28.3	−7.9	29.4	195.6
231	G40B_087_062d	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.76	61.3	−24.7	−15.6	29.2	212.2
232	G50B_087_062d	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	59.2	−20.6	−25.2	32.5	230.7
233	G57B_100_075d	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	0.887	1.0	63.5	−22.7	−33.1	40.2	235.5
234	Y76G_100_100d	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
235	Y86G_100_087d	0.25	1.0	0.125	1.0	0.875	0.562	142	0.241	1.0	0.125	63.1	−52.0	32.7	61.4	147.8
236	G00B_100_075d	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	65.5	−48.5	24.3	54.3	153.3
237	G07B_100_075d	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.362	65.0	−47.1	15.2	49.5	162.0
238	G15B_100_075d	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.487	65.5	−43.2	6.2	43.7	171.7
239	G25B_100_075d	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.625	66.5	−37.7	−3.4	37.9	185.1
240	G34B_100_075d	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.762	66.8	−32.5	−12.4	34.8	200.9
241	G42B_100_075d	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.887	66.1	−28.9	−20.4	35.4	215.2
242	G50B_100_075d	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	63.8	−24.7	−30.3	39.1	230.7

n	*rgb**'Fd			*LabCh**'Fd					*DE**'Fd	$h_{siM,d}$
162	0.25	0.0	0.0	27.6	12.4	13.9	18.6	48.2	5.9	389
163	0.25	0.0	0.125	26.6	15.4	3.1	15.7	11.5	2.8	360
164	0.25	0.0	0.25	27.9	23.4	−8.3	24.9	340.4	8.9	330
165	0.25	0.0	0.375	29.1	27.1	−16.1	31.5	329.2	10.3	311
166	0.25	0.0	0.5	29.7	31.5	−22.8	38.9	324.1	11.1	300
167	0.25	0.0	0.625	30.1	35.9	−27.9	45.5	322.1	11.2	292
168	0.25	0.0	0.75	30.6	38.8	−31.1	49.7	321.2	9.1	288
169	0.25	0.0	0.875	31.0	39.9	−34.5	52.8	319.0	6.2	284
170	0.25	0.0	1.0	31.2	39.0	−35.9	53.1	317.3	1.2	282
171	0.25	0.125	0.0	31.6	1.6	20.1	20.2	85.3	3.5	59
172	0.25	0.125	0.125	29.9	6.6	8.1	10.5	50.7	3.2	389
173	0.25	0.125	0.25	32.1	13.5	−6.9	15.2	332.9	7.5	330
174	0.25	0.125	0.375	34.3	14.4	−15.5	21.2	312.9	9.0	300
175	0.25	0.125	0.5	36.0	18.5	−22.2	28.9	309.8	10.5	288
176	0.25	0.125	0.625	38.9	21.5	−27.8	35.1	307.6	11.0	282
177	0.25	0.125	0.75	39.5	25.2	−32.9	41.5	307.4	10.1	279
178	0.25	0.125	0.875	35.9	31.9	−37.3	49.1	310.5	10.4	278
179	0.25	0.125	1.0	35.5	30.6	−38.1	48.9	308.7	5.4	277
180	0.25	0.25	0.0	38.0	−7.2	29.9	30.8	103.5	10.0	89
181	0.25	0.25	0.125	37.1	−4.8	15.4	16.1	107.3	5.9	89
182	0.25	0.25	0.25	35.1	0.0	−1.1	1.1	269.9	1.6	360
183	0.25	0.25	0.375	37.8	3.6	−16.3	16.7	282.4	10.9	270
184	0.25	0.25	0.5	41.5	6.0	−22.2	23.0	285.1	11.4	270
185	0.25	0.25	0.625	45.6	8.5	−25.4	26.8	288.6	9.8	270
186	0.25	0.25	0.75	46.2	13.1	−30.7	33.4	293.2	9.3	270
187	0.25	0.25	0.875	40.8	20.2	−39.1	44.0	297.4	13.9	270
188	0.25	0.25	1.0	38.9	22.0	−39.6	45.3	299.0	11.9	270
189	0.25	0.375	0.0	42.0	−13.5	33.2	35.8	112.1	4.3	108
190	0.25	0.375	0.125	44.6	−13.2	18.9	23.1	125.0	6.0	119
191	0.25	0.375	0.25	43.2	−11.1	3.3	11.6	163.3	3.7	149
192	0.25	0.375	0.375	44.0	−8.9	−14.2	16.8	237.9	10.8	210
193	0.25	0.375	0.5	46.5	−4.8	−21.2	21.7	257.2	9.2	240
194	0.25	0.375	0.625	49.2	−1.9	−25.5	25.6	265.6	8.3	251
195	0.25	0.375	0.75	50.5	0.0	−29.9	29.9	270.1	7.5	257
196	0.25	0.375	0.875	48.6	5.5	−39.6	39.9	277.9	9.7	260
197	0.25	0.375	1.0	44.9	9.9	−40.7	41.9	283.7	7.8	262
198	0.25	0.5	0.0	47.0	−24.5	37.8	45.1	122.9	7.9	119
199	0.25	0.5	0.125	49.7	−21.9	22.1	31.1	134.7	6.6	131
200	0.25	0.5	0.25	47.9	−20.3	7.1	21.5	160.6	4.6	149
201	0.25	0.5	0.375	48.6	−15.6	−7.2	17.2	204.8	7.2	180
202	0.25	0.5	0.5	51.5	−12.9	−19.9	23.7	237.1	12.4	210
203	0.25	0.5	0.625	52.1	−8.6	−25.4	26.9	251.3	7.6	228
204	0.25	0.5	0.75	53.7	−6.8	−28.9	29.8	256.6	4.7	240
205	0.25	0.5	0.875	53.8	−5.6	−37.1	37.5	261.3	6.5	247
206	0.25	0.5	1.0	47.1	0.7	−42.7	42.8	271.0	8.4	251
207	0.25	0.625	0.0	51.6	−35.6	41.0	54.3	130.9	9.9	127
208	0.25	0.625	0.125	54.4	−29.8	25.4	39.2	139.5	7.0	137
209	0.25	0.625	0.25	53.3	−27.9	12.4	30.5	156.0	4.3	149
210	0.25	0.625	0.375	54.9	−23.1	0.0	23.1	180.1	5.3	168
211	0.25	0.625	0.5	55.8	−20.1	−13.0	23.9	213.0	8.9	191
212	0.25	0.625	0.625	56.1	−15.5	−23.3	28.0	236.3	10.6	210
213	0.25	0.625	0.75	57.1	−12.4	−28.9	31.4	246.6	6.1	222
214	0.25	0.625	0.875	57.1	−10.5	−34.3	35.9	252.8	3.4	232
215	0.25	0.625	1.0	55.1	−10.3	−41.2	42.5	255.8	4.7	240
216	0.25	0.75	0.0	58.9	−42.3	46.5	62.9	132.3	11.0	131
217	0.25	0.75	0.125	57.9	−36.8	29.6	47.3	141.1	6.1	140
218	0.25	0.75	0.25	58.9	−34.0	18.3	38.6	151.6	4.1	149
219	0.25	0.75	0.375	60.5	−31.1	8.2	32.2	165.2	5.1	162
220	0.25	0.75	0.5	62.0	−26.5	−3.7	26.8	188.1	5.9	180
221	0.25	0.75	0.625	62.2	−21.9	−15.0	26.6	214.3	7.3	197
222	0.25	0.75	0.75	61.9	−19.0	−25.6	31.9	233.3	9.4	210
223	0.25	0.75	0.875	61.5	−16.5	−31.9	35.9	242.6	4.7	219
224	0.25	0.75	1.0	60.9	−16.4	−39.4	42.7	247.3	3.2	228
225	0.25	0.875	0.0	63.5	−50.0	47.7	69.1	136.3	10.3	135
226	0.25	0.875	0.125	64.6	−48.7	35.2	60.1	144.1	10.1	142
227	0.25	0.875	0.25	64.8	−45.6	23.5	51.3	152.7	7.3	149
228	0.25	0.875	0.375	66.5	−40.4	11.9	42.2	163.5	6.5	159
229	0.25	0.875	0.5	66.9	−35.7	−0.4	35.7	180.7	6.8	172
230	0.25	0.875	0.625	67.4	−30.7	−9.6	32.2	197.3	6.3	187
231	0.25	0.875	0.75	65.8	−26.0	−19.6	32.6	217.0	6.1	200
232	0.25	0.875	0.875	66.2	−22.2	−29.6	37.0	233.0	8.3	210
233	0.25	0.875	1.0	64.7	−18.6	−35.8	40.4	242.4	5.0	217
234	0.25	1.0	0.0	62.2	−53.6	44.5	69.7	140.2	1.4	137
235	0.25	1.0	0.125	64.1	−49.0	34.6	60.0	144.7	3.7	142
236	0.25	1.0	0.25	62.6	−49.8	26.2	56.3	152.2	3.6	149
237	0.25	1.0	0.375	62.7	−47.1	15.1	49.4	162.1	2.3	157
238	0.25	1.0	0.5	63.7	−41.5	3.0	41.6	175.8	4.0	168
239	0.25	1.0	0.625	64.1	−35.6	−9.9	36.9	195.6	7.2	180
240	0.25	1.0	0.75	65.2	−31.2	−15.8	35.0	206.8	3.9	191
241	0.25	1.0	0.875	65.0	−27.2	−23.8	36.1	221.1	3.8	202
242	0.25	1.0	1.0	61.1	−25.3	−35.2	43.4	234.2	5.6	210

Mean color difference of this page: delta *E' = 7.1**

n	*rgb**Md			*LabCh**Md				
162	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
163	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
164	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
165	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
166	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
167	0.383	0.0	1.0	33.6	45.9	−31.9	55.9	325.2
168	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
169	0.266	0.0	1.0	31.5	39.9	−35.5	53.4	318.3
170	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1
171	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
172	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
173	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
174	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
175	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
176	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1
177	0.183	0.0	1.0	31.2	35.1	−38.6	52.2	312.2
178	0.15	0.0	1.0	31.2	33.0	−39.8	51.7	309.7
179	0.133	0.0	1.0	31.2	32.0	−40.3	51.5	308.4
180	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
181	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
182	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
183	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
184	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
185	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
186	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
187	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
188	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
189	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
190	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
191	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
192	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
193	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
194	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
195	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5
196	0.0	0.183	1.0	35.2	9.8	−47.7	48.7	281.6
197	0.0	0.15	1.0	34.8	12.4	−46.7	48.3	284.9
198	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
199	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
200	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
201	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
202	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
203	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
204	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
205	0.0	0.383	1.0	41.9	−6.0	−49.6	49.9	263.0
206	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
207	0.383	1.0	0.0	69.6	−43.6	57.7	72.3	127.0
208	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
209	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
210	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
211	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
212	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
213	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6
214	0.0	0.616	1.0	49.7	−19.6	−50.1	53.8	248.5
215	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
216	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
217	0.183	1.0	0.0	60.0	−57.0	40.5	70.0	144.6
218	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
219	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6
220	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
221	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6
222	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
223	0.0	0.816	1.0	52.6	−29.2	−45.4	54.0	237.1
224	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
225	0.266	1.0	0.0	63.1	−52.5	46.3	70.0	138.5
226	0.15	1.0	0.0	58.9	−58.7	38.4	70.1	146.7
227	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
228	0.0	1.0	0.183	54.7	−61.8	17.8	64.4	163.8
229	0.0	1.0	0.383	55.5	−55.3	3.8	55.4	176.0
230	0.0	1.0	0.616	57.0	−45.4	−12.7	47.1	195.6
231	0.0	1.0	0.816	56.3	−39.6	−24.9	46.8	212.2
232	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
233	0.0	0.85	1.0	52.5	−30.3	−44.2	53.6	235.5
234	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
235	0.133	1.0	0.0	58.4	−59.4	37.3	70.2	147.8
236	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
237	0.0	1.0	0.15	54.6	−62.8	20.3	66.0	162.0
238	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
239	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
240	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
241	0.0	1.0	0.85	56.0	−38.5	−27.3	47.2	215.2
242	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

1−0032130−F0

RE730−7N, Page 22/33−F

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

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

1−0032130−F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 23/33

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

n	HIC*Fd	rgb_Fd			ict_Fd			$h_{si_F,d}$	rgb*Fd			LabCh*Fd				
243	R00Y_037_037d	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	27.8	22.4	14.9	26.9	33.7
244	R18Y_037_037d	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.118	27.5	22.4	8.8	24.1	21.4
245	B65R_037_037d	0.375	0.0	0.25	0.375	0.375	0.187	349	0.375	0.0	0.256	27.5	24.8	0.4	24.8	1.0
246	B50R_037_037d	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	28.1	26.4	−4.0	26.7	351.1
247	B38R_050_050d	0.375	0.0	0.5	0.5	0.5	0.25	316	0.383	0.0	0.5	29.2	30.4	−9.3	31.8	342.8
248	B30R_062_062d	0.375	0.0	0.625	0.625	0.625	0.312	307	0.385	0.0	0.625	30.2	34.4	−15.5	37.7	335.6
249	B25R_075_075d	0.375	0.0	0.75	0.75	0.75	0.375	300	0.375	0.0	0.75	31.0	37.5	−21.7	43.3	329.9
250	B20R_087_087d	0.375	0.0	0.875	0.875	0.875	0.437	295	0.364	0.0	0.875	32.0	41.2	−27.2	49.4	326.5
251	B18R_100_100d	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	33.3	45.2	−32.4	55.6	324.3
252	R31Y_037_037d	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.118	0.0	34.1	12.4	24.4	27.4	63.1
253	R00Y_037_025d	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	34.0	14.9	9.9	17.9	33.7
254	R00Y_037_025d	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.25	33.7	15.5	3.0	15.8	11.0
255	B50R_037_025d	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	34.2	17.6	−2.7	17.8	351.1
256	B34R_050_037d	0.375	0.125	0.5	0.5	0.375	0.312	311	0.381	0.124	0.5	35.2	21.6	−8.3	23.1	339.0
257	B25R_062_050d	0.375	0.125	0.625	0.625	0.5	0.375	300	0.375	0.125	0.625	36.1	25.0	−14.4	28.9	329.9
258	B19R_075_062d	0.375	0.125	0.75	0.75	0.625	0.437	293	0.364	0.125	0.75	37.1	28.7	−19.9	34.9	325.2
259	B15R_087_075d	0.375	0.125	0.875	0.875	0.75	0.5	289	0.362	0.125	0.875	38.4	31.9	−25.5	40.9	321.3
260	B13R_100_087d	0.375	0.125	1.0	1.0	0.875	0.562	286	0.358	0.125	1.0	39.6	34.9	−31.0	46.7	318.3
261	R68Y_037_037d	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.256	0.0	39.9	1.9	29.3	29.4	86.2
262	R50Y_037_025d	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.25	0.124	40.3	4.2	18.2	18.7	76.7
263	R00Y_037_012d	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	40.1	7.4	4.9	8.9	33.7
264	B50R_037_012d	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	40.2	8.8	−1.3	8.9	351.1
265	B25R_050_025d	0.375	0.25	0.5	0.5	0.25	0.375	300	0.375	0.249	0.5	41.2	12.5	−7.2	14.4	329.9
266	B15R_062_037d	0.375	0.25	0.625	0.625	0.375	0.437	289	0.368	0.25	0.625	42.3	15.9	−12.7	20.4	321.3
267	B11R_075_050d	0.375	0.25	0.75	0.75	0.5	0.5	284	0.366	0.25	0.75	43.7	19.0	−18.3	26.4	316.1
268	B09R_087_062d	0.375	0.25	0.875	0.875	0.625	0.562	281	0.364	0.25	0.875	45.6	21.9	−24.1	32.6	312.2
269	B07R_100_075d	0.375	0.25	1.0	1.0	0.75	0.625	279	0.362	0.25	1.0	47.5	24.8	−29.8	38.8	309.7
270	Y00G_037_037d	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	44.4	−5.4	31.5	32.0	99.7
271	Y00G_037_025d	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	45.0	−3.6	21.0	21.3	99.7
272	Y00G_037_012d	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	45.7	−1.8	10.5	10.6	99.7
273	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0
274	B00R_050_012d	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	48.2	3.0	−5.4	6.2	299.6
275	B00R_062_025d	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	50.2	6.1	−10.8	12.4	299.6
276	B00R_075_037d	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	52.1	9.2	−16.2	18.7	299.6
277	B00R_087_050d	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	54.0	12.3	−21.6	24.9	299.6
278	B00R_100_062d	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	56.0	15.4	−27.1	31.1	299.6
279	Y23G_050_050d	0.375	0.5	0.0	0.5	0.5	0.25	104	0.383	0.5	0.0	53.0	−10.7	44.5	45.8	103.5
280	Y31G_050_037d	0.375	0.5	0.125	0.5	0.375	0.312	109	0.381	0.5	0.124	52.1	−10.0	30.6	32.2	108.1
281	Y50G_050_025d	0.375	0.5	0.25	0.5	0.25	0.375	120	0.375	0.5	0.249	50.7	−9.5	16.2	18.8	120.4
282	G00B_050_012d	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	51.2	−8.0	4.0	9.0	153.3
283	G50B_050_012d	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	50.9	−4.1	−5.0	6.5	230.7
284	G75B_062_025d	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.5	0.625	53.6	−3.2	−12.5	12.9	255.4
285	G84B_075_037d	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.493	0.75	54.8	−0.3	−18.6	18.6	268.8
286	G88B_087_050d	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.491	0.875	56.0	2.8	−24.5	24.7	276.5
287	G90B_100_062d	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.489	1.0	58.1	6.1	−29.8	30.4	281.6
288	Y38G_062_062d	0.375	0.625	0.0	0.625	0.625	0.312	113	0.385	0.625	0.0	56.6	−19.1	46.8	50.6	112.2
289	Y50G_062_050d	0.375	0.625	0.125	0.625	0.5	0.375	120	0.375	0.625	0.125	55.1	−19.0	32.4	37.6	120.4
290	Y68G_062_037d	0.375	0.625	0.25	0.625	0.375	0.437	131	0.368	0.625	0.25	54.9	−18.3	19.3	26.6	133.4
291	G00B_062_025d	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	56.0	−16.1	8.1	18.1	153.3
292	G25B_062_025d	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.5	56.4	−12.5	−1.1	12.6	185.1
293	G50B_062_025d	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	55.5	−8.2	−10.1	13.0	230.7
294	G65B_075_037d	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.631	0.75	59.4	−8.7	−18.3	20.3	244.4
295	G75B_087_050d	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.625	0.875	61.0	−6.5	−25.1	25.9	255.4
296	G80B_100_062d	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.614	1.0	62.3	−3.7	−31.0	31.2	263.0
297	Y50G_075_075d	0.375	0.75	0.0	0.75	0.75	0.375	120	0.375	0.75	0.0	59.5	−28.5	48.6	56.4	120.4
298	Y61G_075_062d	0.375	0.75	0.125	0.75	0.625	0.437	127	0.364	0.75	0.125	59.6	−27.2	36.0	45.2	127.0
299	Y76G_075_050d	0.375	0.75	0.25	0.75	0.5	0.5	136	0.366	0.75	0.25	59.0	−27.2	21.7	34.8	141.3
300	G00B_075_037d	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	60.9	−24.2	12.1	27.1	153.3
301	G15B_075_037d	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.493	60.9	−21.6	3.1	21.8	171.7
302	G34B_075_037d	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.631	61.5	−16.2	−6.2	17.4	200.9
303	G50B_075_037d	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	60.0	−12.3	−15.1	19.5	230.7
304	G61B_087_050d	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.758	0.875	64.4	−13.8	−23.5	27.2	239.6
305	G69B_100_062d	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.76	1.0	67.1	−12.3	−31.3	33.6	248.5
306	Y58G_087_087d	0.375	0.875	0.0	0.875	0.875	0.437	125	0.364	0.875	0.0	64.0	−36.9	52.3	64.0	125.1
307	Y68G_087_075d	0.375	0.875	0.125	0.875	0.75	0.5	131	0.362	0.875	0.125	63.6	−36.6	38.6	53.2	133.4
308	Y81G_087_062d	0.375	0.875	0.25	0.875	0.625	0.562	139	0.364	0.875	0.25	63.6	−35.6	25.3	43.7	144.6
309	G00B_087_050d	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	65.7	−32.3	16.2	36.2	153.3
310	G11B_087_050d	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.491	65.6	−30.1	7.1	30.9	166.6
311	G25B_087_050d	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.625	66.4	−25.1	−2.2	25.2	185.1
312	G38B_087_050d	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.758	66.5	−20.4	−10.7	23.0	207.6
313	G50B_087_050d	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	64.6	−16.4	−20.2	26.0	230.7
314	G59B_100_062d	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	0.885	1.0	68.9	−18.3	−28.3	33.7	237.1
315	Y63G_100_100d	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	68.9	−44.7	56.4	72.0	128.4
316	Y73G_100_087d	0.375	1.0	0.125	1.0	0.875	0.562	134	0.358	1.0	0.125	67.3	−45.9	40.5	61.2	138.5
317	Y85G_100_075d	0.375	1.0	0.25	1.0	0.75	0.625	141	0.362	1.0	0.25	68.3	−44.0	28.8	52.6	146.7
318	G00B_100_062d	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	70.6	−40.4	20.2	45.2	153.3
319	G09B_100_062d	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.489	70.3	−38.6	11.1	40.2	163.8
320	G19B_100_062d	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.614	70.8	−34.5	2.4	34.6	176.0
321	G30B_100_062d	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.76	71.7	−28.3	−7.9	29.4	195.6
322	G40B_100_062d	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.885	71.3	−24.7	−15.6	29.2	212.2
323	G50B_100_062d	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	69.2	−20.6	−25.2	32.5	230.7

n	rgb*'Fd			LabCh*'Fd					DE*'Fd	$h_{siM,d}$	rgb*Md			LabCh*Md				
243	0.375	0.0	0.0	30.3	27.2	22.2	35.2	39.2	9.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
244	0.375	0.0	0.125	32.0	25.7	9.6	27.5	20.4	5.6	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
245	0.375	0.0	0.25	31.0	30.7	−0.5	30.7	358.9	6.8	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
246	0.375	0.0	0.375	31.9	36.7	−9.1	37.8	345.9	12.1	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
247	0.375	0.0	0.5	31.7	39.1	−15.6	42.1	338.1	11.0	317	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8
248	0.375	0.0	0.625	32.2	42.3	−21.3	47.4	333.2	9.9	307	0.616	0.0	1.0	38.5	55.0	−24.9	60.4	335.6
249	0.375	0.0	0.75	32.4	45.0	−26.9	52.5	329.1	9.3	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
250	0.375	0.0	0.875	33.3	45.9	−30.6	55.2	326.2	5.9	294	0.416	0.0	1.0	34.2	47.1	−31.1	56.4	326.5
251	0.375	0.0	1.0	33.4	45.6	−32.1	55.7	324.8	0.5	291	0.366	0.0	1.0	33.3	45.2	−32.4	55.6	324.3
252	0.375	0.125	0.0	37.2	9.7	29.1	30.7	71.4	6.1	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
253	0.375	0.125	0.125	37.6	12.2	16.9	20.9	54.0	8.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
254	0.375	0.125	0.25	36.0	18.0	2.8	18.3	9.0	3.4	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
255	0.375	0.125	0.375	38.4	25.0	−9.1	26.6	339.8	10.7	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
256	0.375	0.125	0.5	39.4	26.4	−15.5	30.6	329.5	9.6	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
257	0.375	0.125	0.625	39.7	30.2	−21.3	37.0	324.7	9.3	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
258	0.375	0.125	0.75	41.6	31.4	−27.1	41.5	319.1	8.8	292	0.383	0.0	1.0	33.6	45.9	−31.9	55.9	325.2
259	0.375	0.125	0.875	37.8	39.8	−33.8	52.2	319.6	11.4	288	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
260	0.375	0.125	1.0	37.6	37.9	−34.7	51.4	317.5	5.1	284	0.266	0.0	1.0	31.5	39.9	−35.5	53.4	318.3
261	0.375	0.25	0.0	42.7	−0.4	38.3	38.3	90.6	9.6	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
262	0.375	0.25	0.125	45.4	0.8	22.4	22.4	87.9	7.4	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
263	0.375	0.25	0.25	43.6	6.9	7.0	9.8	45.4	4.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
264	0.375	0.25	0.375	44.8	11.9	−7.0	13.8	329.3	7.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
265	0.375	0.25	0.5	45.7	14.8	−15.6	21.5	313.5	9.7	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
266	0.375	0.25	0.625	47.0	17.3	−21.6	27.7	308.6	10.1	288	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
267	0.375	0.25	0.75	48.2	18.8	−26.9	32.9	305.0	9.7	282	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1
268	0.375	0.25	0.875	44.4	27.0	−34.8	44.0	307.8	11.8	279	0.183	0.0	1.0	31.2	35.1	−38.6	52.2	312.2
269	0.375	0.25	1.0	42.4	27.3	−36.1	45.3	307.0	8.4	278	0.15	0.0	1.0	31.2	33.0	−39.8	51.7	309.7
270	0.375	0.375	0.0	51.8	−10.2	44.8	45.9	102.9	15.9	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
271	0.375	0.375	0.125	54.0	−8.6	31.8	32.9	105.1	14.8	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
272	0.375	0.375	0.25	51.5	−5.6	13.8	14.9	112.1	7.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
273	0.375	0.375	0.375	49.3	0.1	−1.1	1.1	276.0	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
274	0.375	0.375	0.5	50.4	2.7	−14.3	14.6	280.9	9.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
275	0.375	0.375	0.625	51.6	5.4	−20.3	21.1	284.8	9.6	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
276	0.375	0.375	0.75	53.0	7.9	−25.5	26.7	287.3	9.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
277	0.375	0.375	0.875	51.7	14.5	−34.3	37.3	293.0	13.0	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
278	0.375	0.375	1.0	48.4	16.5	−36.0	39.7	294.6	11.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
279	0.375	0.5	0.0	51.3	−14.3	49.0	51.0	106.2	5.9	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
280	0.375	0.5	0.125	57.7	−15.0	33.8	37.0	114.0	8.2	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
281	0.375	0.5	0.25	56.7	−13.1	17.2	21.6	127.2	7.0	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
282	0.375	0.5	0.375	56.1	−10.1	3.5	10.7	160.9	5.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
283	0.375	0.5	0.5	56.7	−7.4	−11.0	13.3	236.1	8.9	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
284	0.375	0.5	0.625	55.8	−4.2	−19.8	20.2	257.9	7.6	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
285	0.375	0.5	0.75	56.4	−2.1	−24.9	25.0	265.0	6.7	251	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
286	0.375	0.5	0.875	58.1	1.7	−33.0	33.0	273.0	8.8	257	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276.5
287	0.375	0.5	1.0	53.2	6.8	−36.1	36.7	280.8	7.9	260	0.0	0.183	1.0	35.2	9.8	−47.7	48.7	281.6
288	0.375	0.625	0.0	55.3	−23.5	50.1	55.4	115.1	5.6	112	0.616	1.0	0.0	80.7	−30.6	74.9	80.9	112.2
289	0.375	0.625	0.125	61.7	−21.7	37.1	43.0	120.3	8.5	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
290	0.375	0.625	0.25	61.4	−21.3	22.1	30.7	133.9	7.7	131	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
291	0.375	0.625	0.375	61.8	−19.4	8.0	21.0	157.4	6.6	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
292	0.375	0.625	0.5	62.1	−14.8	−4.0	15.3	195.3	6.8	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
293	0.375	0.625	0.625	63.4	−12.8	−15.6	20.2	230.4	10.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
294	0.375	0.625	0.75	62.2	−9.9	−24.4	26.3	247.8	6.7	228	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
295	0.375	0.625	0.875	62.4	−7.6	−29.2	30.1	255.3	4.4	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
296	0.375	0.625	1.0	58.1	−4.4	−37.0	37.3	263.1	7.4	247	0.0	0.383	1.0	41.9	−6.0	−49.6	49.9	263.0
297	0.375	0.75	0.0	63.5	−31.8	55.8	64.3	119.6	8.8	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
298	0.375	0.75	0.125	66.7	−30.6	40.3	50.6	127.1	8.9	127	0.383	1.0	0.0	69.6	−43.6	57.7	72.3	127.0
299	0.375	0.75	0.25	66.3	−28.8	25.8	38.7	138.1	8.5	137	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
300	0.375	0.75	0.375	66.8	−25.9	13.3	29.2	152.7	6.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
301	0.375	0.75	0.5	68.0	−22.0	3.1	22.2	171.8	7.1	168	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
302	0.375	0.75	0.625	67.6	−19.1	−9.9	21.5	207.4	7.6	191	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
303	0.375	0.75	0.75	67.7	−17.3	−21.2	27.4	230.7	10.9	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
304	0.375	0.75	0.875	67.4	−13.8	−28.2	31.4	243.8	5.5	222	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239.6
305	0.375	0.75	1.0	66.5	−13.0	−33.3	35.7	248.6	2.1	232	0.0	0.616	1.0	49.7	−19.6	−50.1	53.8	248.5
306	0.375	0.875	0.0	67.9	−38.7	57.9	69.7	123.7	7.0	125	0.416	1.0	0.0	70.9	−42.1	59.8	73.1	125.1
307	0.375	0.875	0.125	71.1	−38.6	47.1	60.9	129.3	11.5	131	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
308	0.375	0.875	0.25	71.0	−36.0	30.3	47.1	139.9	8.9	140	0.183	1.0	0.0	60.0	−57.0	40.5	70.0	144.6
309	0.375	0.875	0.375	72.6	−34.0	20.4	39.6	149.0	8.1	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
310	0.375	0.875	0.5	73.1	−30.5	8.4	31.7	164.5	7.6	162	0.0	1.0	0.233	54.9	−60.2	14.2	61.9	166.6
311	0.375	0.875	0.625	72.4	−26.9	−2.4	27.0	185.2	6.2	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
312	0.375	0.875	0.75	71.6	−23.8	−14.3	27.7	211.0	7.0	197	0.0	1.0	0.766	56.7	−40.9	−21.4	46.1	207.6
313	0.375	0.875	0.875	71.6	−19.1	−26.4	32.6	234.0	9.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
314	0.375	0.875	1.0	70.4	−16.4	−31.2	35.2	242.2	3.6	219	0.0	0.816	1.0	52.6	−29.2	−45.4	54.0	237.1
315	0.375	1.0	0.0	69.3	−44.0	57.2	72.1	127.5	1.1	128	0.366	1.0	0.0	68.9	−44.7	56.4	72.0	128.4
316	0.375	1.0	0.125	69.7	−43.0	47.7	64.2	131.9	8.2	135	0.266	1.0	0.0	63.1	−52.5	46.3	70.0	138.5
317	0.375	1.0	0.25	70.8	−39.2	31.4	50.2	141.2	6.0	142	0.15	1.0	0.0	58.9	−58.7	38.4	70.1	146.7
318	0.375	1.0	0.375	70.5	−38.1	22.9	44.5	148.9	3.5	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
319	0.375	1.0	0.5	71.1	−34.5	13.1	36.9	159.2	4.6	159	0.0	1.0	0.183	54.7	−61.8	17.8	64.4	163.8
320	0.375	1.0	0.625	71.8	−30.4	0.7	30.4	178.6	4.5	172	0.0	1.0	0.383	55.5	−55.3	3.8	55.4	176.0
321	0.375	1.0	0.75	71.4	−26.3	−11.6	28.8	203.8	4.2	187	0.0	1.0	0.616	57.0	−45.4	−12.7	47.1	195.6
322	0.375	1.0	0.875	71.2	−23.7	−18.0	29.8	217.1	2.5	200	0.0	1.0	0.816	56.3	−39.6	−24.9	46.8	212.2
323	0.375	1.0	1.0	70.0	−19.9	−28.6	34.8	235.1	3.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: **delta $E^{*\prime}$ = 7.7**

1−0032230−F0 RE730−7N, Page 23/33−F

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

input: $rgb/cmyk \rightarrow rgb_d$
output: transfer to $cmyk_d$

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

1−0032230−F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 24/33

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

n	HIC^*_{Fd}	rgb_{Fd}			ict_{Fd}			$h_{si_F,d}$	rgb^*_{Fd}			$LabCh^*_{Fd}$				
324	R00Y_050_050d	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	31.6	29.9	19.9	35.9	33.7
325	R26Y_050_050d	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.116	31.3	29.6	14.4	32.9	25.9
326	R00Y_050_050d	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.25	31.1	31.1	6.0	31.7	11.0
327	B61R_050_050d	0.5	0.0	0.375	0.5	0.5	0.25	344	0.5	0.0	0.383	31.3	34.0	-1.9	34.0	356.7
328	B50R_050_050d	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.0	35.2	-5.4	35.6	351.1
329	B40R_062_062d	0.5	0.0	0.625	0.625	0.625	0.312	319	0.51	0.0	0.625	33.1	39.1	-10.9	40.6	344.3
330	B34R_075_075d	0.5	0.0	0.75	0.75	0.75	0.375	311	0.512	0.0	0.75	34.2	43.2	-16.6	46.3	339.0
331	B29R_087_087d	0.5	0.0	0.875	0.875	0.875	0.437	305	0.51	0.0	0.875	35.1	46.9	-22.8	52.2	334.0
332	B25R_100_100d	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	35.9	50.0	-28.9	57.8	329.9
333	R23Y_050_050d	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.116	0.0	37.8	20.7	30.4	36.8	55.7
334	R00Y_050_037d	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	37.8	22.4	14.9	26.9	33.7
335	R18Y_050_037d	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.243	37.5	22.4	8.8	24.1	21.4
336	B65R_050_037d	0.5	0.125	0.375	0.5	0.375	0.312	349	0.5	0.124	0.381	37.5	24.8	0.4	24.8	1.0
337	B50R_050_037d	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	38.1	26.4	-4.0	26.7	351.1
338	B38R_062_050d	0.5	0.125	0.625	0.625	0.5	0.375	316	0.508	0.125	0.625	39.2	30.4	-9.3	31.8	342.8
339	B30R_075_062d	0.5	0.125	0.75	0.75	0.625	0.437	307	0.51	0.125	0.75	40.2	34.4	-15.5	37.7	335.6
340	B25R_087_075d	0.5	0.125	0.875	0.875	0.75	0.5	300	0.5	0.125	0.875	41.0	37.5	-21.7	43.3	329.9
341	B20R_100_087d	0.5	0.125	1.0	1.0	0.875	0.562	295	0.489	0.125	1.0	42.0	41.2	-27.2	49.4	326.5
342	R50Y_050_050d	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	44.2	8.5	36.4	37.4	76.7
343	R31Y_050_037d	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.243	0.124	44.1	12.4	24.4	27.4	63.1
344	R00Y_050_025d	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	44.0	14.9	9.9	17.9	33.7
345	R00Y_050_025d	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.375	43.7	15.5	3.0	15.8	11.0
346	B50R_050_025d	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	44.1	17.6	-2.7	17.8	351.1
347	B34R_062_037d	0.5	0.25	0.625	0.625	0.375	0.437	311	0.506	0.25	0.625	45.2	21.6	-8.3	23.1	339.0
348	B25R_075_050d	0.5	0.25	0.75	0.75	0.5	0.5	300	0.5	0.25	0.75	46.1	25.0	-14.4	28.9	329.9
349	B19R_087_062d	0.5	0.25	0.875	0.875	0.625	0.562	293	0.489	0.25	0.875	47.1	28.7	-19.9	34.9	325.2
350	B15R_100_075d	0.5	0.25	1.0	1.0	0.75	0.625	289	0.487	0.25	1.0	48.3	31.9	-25.5	40.9	321.3
351	R76Y_050_050d	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.383	0.0	49.8	-0.9	39.4	39.4	91.3
352	R68Y_050_037d	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.381	0.124	49.9	1.9	29.3	29.4	86.2
353	R50Y_050_025d	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.375	0.249	50.3	4.2	18.2	18.7	76.7
354	R00Y_050_012d	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	50.1	7.4	4.9	8.9	33.7
355	B50R_050_012d	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	50.2	8.8	-1.3	8.9	351.1
356	B25R_062_025d	0.5	0.375	0.625	0.625	0.25	0.5	300	0.5	0.375	0.625	51.2	12.5	-7.2	14.4	329.9
357	B15R_075_037d	0.5	0.375	0.75	0.75	0.375	0.562	289	0.493	0.375	0.75	52.3	15.9	-12.7	20.4	321.3
358	B11R_087_050d	0.5	0.375	0.875	0.875	0.5	0.625	284	0.491	0.375	0.875	53.7	19.0	-18.3	26.4	316.1
359	B09R_100_062d	0.5	0.375	1.0	1.0	0.625	0.687	281	0.489	0.375	1.0	55.6	21.9	-24.1	32.6	312.2
360	Y00G_050_050d	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	53.8	-7.2	42.0	42.7	99.7
361	Y00G_050_037d	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	54.4	-5.4	31.5	32.0	99.7
362	Y00G_050_025d	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	55.0	-3.6	21.0	21.3	99.7
363	Y00G_050_012d	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	55.7	-1.8	10.5	10.6	99.7
364	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0
365	B00R_062_012d	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	58.2	3.0	-5.4	6.2	299.6
366	B00R_075_025d	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	60.2	6.1	-10.8	12.4	299.6
367	B00R_087_037d	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	62.1	9.2	-16.2	18.7	299.6
368	B00R_100_050d	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	64.0	12.3	-21.6	24.9	299.6
369	Y18G_062_062d	0.5	0.625	0.0	0.625	0.625	0.312	101	0.51	0.625	0.0	63.1	-12.3	56.7	58.1	102.2
370	Y23G_062_050d	0.5	0.625	0.125	0.625	0.5	0.375	104	0.508	0.625	0.125	63.0	-10.7	44.5	45.8	103.5
371	Y31G_062_037d	0.5	0.625	0.25	0.625	0.375	0.437	109	0.506	0.625	0.25	62.0	-10.0	30.6	32.2	108.1
372	Y50G_062_025d	0.5	0.625	0.375	0.625	0.25	0.5	120	0.5	0.625	0.375	60.7	-9.5	16.2	18.8	120.4
373	G00B_062_012d	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	61.1	-8.0	4.0	9.0	153.3
374	G50B_062_012d	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	60.9	-4.1	-5.0	6.5	230.7
375	G75B_075_025d	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.625	0.75	63.6	-3.2	-12.5	12.9	255.4
376	G84B_087_037d	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.618	0.875	64.8	-0.3	-18.6	18.6	268.8
377	G88B_100_050d	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.616	1.0	66.0	2.8	-24.5	24.7	276.5
378	Y31G_075_075d	0.5	0.75	0.0	0.75	0.75	0.375	109	0.512	0.75	0.0	67.8	-20.0	61.2	64.4	108.1
379	Y38G_075_062d	0.5	0.75	0.125	0.75	0.625	0.437	113	0.51	0.75	0.125	66.6	-19.1	46.8	50.6	112.2
380	Y50G_075_050d	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	65.1	-19.0	32.4	37.6	120.4
381	Y68G_075_037d	0.5	0.75	0.375	0.75	0.375	0.562	131	0.493	0.75	0.375	64.9	-18.3	19.3	26.6	133.4
382	G00B_075_025d	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	66.0	-16.1	8.1	18.1	153.3
383	G25B_075_025d	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.625	66.3	-12.5	-1.1	12.6	185.1
384	G50B_075_025d	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	65.5	-8.2	-10.1	13.0	230.7
385	G65B_087_037d	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.756	0.875	69.4	-8.7	-18.3	20.3	244.4
386	G75B_100_050d	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.75	1.0	70.9	-6.5	-25.1	25.9	255.4
387	Y41G_087_087d	0.5	0.875	0.0	0.875	0.875	0.437	115	0.51	0.875	0.0	71.0	-28.8	63.1	69.4	114.5
388	Y50G_087_075d	0.5	0.875	0.125	0.875	0.75	0.5	120	0.5	0.875	0.125	69.5	-28.5	48.6	56.4	120.4
389	Y61G_087_062d	0.5	0.875	0.25	0.875	0.625	0.562	127	0.489	0.875	0.25	69.6	-27.2	36.0	45.2	127.0
390	Y76G_087_050d	0.5	0.875	0.375	0.875	0.5	0.625	136	0.491	0.875	0.375	68.9	-27.2	21.7	34.8	141.3
391	G00B_087_037d	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	70.9	-24.2	12.1	27.1	153.3
392	G15B_087_037d	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.618	70.9	-21.6	3.1	21.8	171.7
393	G34B_087_037d	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.756	71.5	-16.2	-6.2	17.4	200.9
394	G50B_087_037d	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	70.0	-12.3	-15.1	19.5	230.7
395	G61B_100_050d	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	0.883	1.0	74.4	-13.8	-23.5	27.2	239.6
396	Y50G_100_100d	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	73.9	-38.0	64.8	75.2	120.4
397	Y58G_100_087d	0.5	1.0	0.125	1.0	0.875	0.562	125	0.489	1.0	0.125	74.0	-36.9	52.3	64.0	125.1
398	Y68G_100_075d	0.5	1.0	0.25	1.0	0.75	0.625	131	0.487	1.0	0.25	73.5	-36.6	38.6	53.2	133.4
399	Y81G_100_062d	0.5	1.0	0.375	1.0	0.625	0.687	139	0.489	1.0	0.375	73.6	-35.6	25.3	43.7	144.6
400	G00B_100_050d	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	75.7	-32.3	16.2	36.2	153.3
401	G11B_100_050d	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.616	75.6	-30.1	7.1	30.9	166.6
402	G25B_100_050d	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.75	76.4	-25.1	-2.2	25.2	185.1
403	G38B_100_050d	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.883	76.5	-20.4	-10.7	23.0	207.6
404	G50B_100_050d	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	74.6	-16.4	-20.2	26.0	230.7

n	$rgb^{*\prime}_{Fd}$			$LabCh^{*\prime}_{Fd}$					$DE^{*\prime}_{Fd}$	$h_{siM,d}$
324	0.5	0.0	0.0	32.6	38.4	27.1	47.1	35.2	11.2	389
325	0.5	0.0	0.125	34.4	34.7	17.7	38.9	27.0	6.8	377
326	0.5	0.0	0.25	33.6	37.5	6.2	38.0	9.4	6.8	360
327	0.5	0.0	0.375	33.5	42.3	-3.5	42.5	355.1	8.7	342
328	0.5	0.0	0.5	34.4	45.4	-10.4	46.6	347.0	11.6	330
329	0.5	0.0	0.625	34.6	48.3	-16.4	51.0	341.2	10.7	320
330	0.5	0.0	0.75	35.0	49.8	-22.9	54.9	335.2	9.1	311
331	0.5	0.0	0.875	36.1	51.2	-26.9	57.8	332.2	5.9	305
332	0.5	0.0	1.0	35.9	50.0	-28.9	57.8	329.9	0.0	300
333	0.5	0.125	0.0	39.0	21.7	35.4	41.5	58.5	5.1	42
334	0.5	0.125	0.125	41.0	20.3	23.3	30.9	48.8	9.1	389
335	0.5	0.125	0.25	40.0	23.2	10.0	25.2	23.3	2.9	371
336	0.5	0.125	0.375	40.1	28.2	-1.4	28.3	357.1	4.6	348
337	0.5	0.125	0.5	41.6	33.7	-10.4	35.2	342.8	10.3	330
338	0.5	0.125	0.625	41.6	37.5	-16.3	40.9	336.4	10.2	317
339	0.5	0.125	0.75	42.9	39.4	-21.9	45.1	330.9	8.5	307
340	0.5	0.125	0.875	41.1	45.0	-29.4	53.8	326.8	10.8	300
341	0.5	0.125	1.0	39.2	43.3	-31.4	53.5	324.0	5.4	294
342	0.5	0.25	0.0	44.3	7.9	41.5	42.3	79.1	5.2	59
343	0.5	0.25	0.125	47.9	7.3	28.4	29.4	75.4	7.4	48
344	0.5	0.25	0.25	46.3	11.1	14.3	18.1	52.1	6.2	389
345	0.5	0.25	0.375	46.9	16.0	1.3	16.1	4.7	3.6	360
346	0.5	0.25	0.5	49.4	20.8	-9.3	22.8	335.8	9.0	330
347	0.5	0.25	0.625	48.1	25.2	-15.7	29.7	328.0	8.7	311
348	0.5	0.25	0.75	49.9	26.2	-21.0	33.6	321.1	7.7	300
349	0.5	0.25	0.875	47.5	32.8	-30.0	44.5	317.5	10.9	292
350	0.5	0.25	1.0	44.2	33.7	-32.0	46.5	316.4	7.9	288
351	0.5	0.375	0.0	48.8	-1.2	47.1	47.1	91.5	7.8	77
352	0.5	0.375	0.125	55.4	-1.8	35.6	35.6	92.9	9.1	71
353	0.5	0.375	0.25	54.3	0.8	19.9	19.9	87.4	5.5	59
354	0.5	0.375	0.375	53.1	5.6	5.0	7.5	41.7	3.4	389
355	0.5	0.375	0.5	54.6	10.6	-7.2	12.8	325.7	7.5	330
356	0.5	0.375	0.625	54.5	15.0	-14.1	20.6	316.8	8.0	300
357	0.5	0.375	0.75	55.5	15.7	-19.5	25.1	308.8	7.4	288
358	0.5	0.375	0.875	53.8	22.1	-29.8	37.1	306.6	11.8	282
359	0.5	0.375	1.0	51.1	22.5	-31.5	38.8	305.5	8.6	279
360	0.5	0.5	0.0	58.5	-10.2	57.3	58.2	100.0	16.2	89
361	0.5	0.5	0.125	62.8	-9.9	42.3	43.4	103.1	14.3	89
362	0.5	0.5	0.25	62.4	-7.8	27.0	28.1	106.2	10.4	89
363	0.5	0.5	0.375	61.3	-4.4	11.0	11.8	112.1	6.2	89
364	0.5	0.5	0.5	59.2	0.1	-1.0	1.0	279.0	3.0	360
365	0.5	0.5	0.625	61.1	3.0	-12.8	13.2	283.3	7.9	270
366	0.5	0.5	0.75	61.6	5.4	-18.1	19.0	286.7	7.5	270
367	0.5	0.5	0.875	62.3	9.7	-27.0	28.7	289.7	10.7	270
368	0.5	0.5	1.0	57.5	11.5	-30.8	32.9	290.5	11.3	270
369	0.5	0.625	0.0	61.6	-14.7	60.5	62.3	103.7	4.7	99
370	0.5	0.625	0.125	66.8	-14.9	47.4	49.7	107.4	6.3	102
371	0.5	0.625	0.25	67.3	-14.3	32.4	35.4	113.7	6.9	108
372	0.5	0.625	0.375	67.3	-12.0	17.6	21.3	124.3	7.2	119
373	0.5	0.625	0.5	68.1	-9.6	4.1	10.5	156.5	7.1	149
374	0.5	0.625	0.625	67.3	-6.7	-11.6	13.5	239.8	9.6	210
375	0.5	0.625	0.75	67.6	-3.4	-16.4	16.7	258.2	5.5	240
376	0.5	0.625	0.875	67.7	-1.3	-23.9	23.9	266.7	6.1	251
377	0.5	0.625	1.0	63.6	1.8	-29.9	30.0	273.4	6.0	257
378	0.5	0.75	0.0	69.6	-23.0	66.2	70.1	109.1	6.1	108
379	0.5	0.75	0.125	71.8	-22.7	54.0	58.6	112.8	9.6	112
380	0.5	0.75	0.25	72.1	-21.4	35.7	41.7	120.9	8.1	119
381	0.5	0.75	0.375	73.0	-20.2	22.1	29.9	132.4	8.7	131
382	0.5	0.75	0.5	73.0	-16.4	10.1	19.2	148.2	7.2	149
383	0.5	0.75	0.625	72.9	-13.8	-1.9	13.9	187.8	6.7	180
384	0.5	0.75	0.75	73.7	-12.5	-15.0	19.5	230.3	10.5	210
385	0.5	0.75	0.875	72.6	-9.9	-22.4	24.5	246.1	5.3	228
386	0.5	0.75	1.0	69.6	-7.8	-28.8	29.9	254.7	4.2	240
387	0.5	0.875	0.0	74.1	-29.9	67.7	74.0	113.8	5.6	114
388	0.5	0.875	0.125	76.3	-29.2	56.4	63.6	117.4	10.3	119
389	0.5	0.875	0.25	75.7	-28.7	37.5	47.2	127.5	6.4	127
390	0.5	0.875	0.375	75.8	-27.6	24.0	36.6	138.9	7.2	137
391	0.5	0.875	0.5	77.2	-25.3	14.4	29.1	150.3	6.7	149
392	0.5	0.875	0.625	78.2	-22.9	5.3	23.5	166.9	7.7	168
393	0.5	0.875	0.75	77.5	-19.6	-7.8	21.1	201.8	7.0	191
394	0.5	0.875	0.875	77.5	-15.5	-20.5	25.7	232.9	9.7	210
395	0.5	0.875	1.0	74.6	-13.1	-26.3	29.4	243.5	2.9	222
396	0.5	1.0	0.0	73.9	-38.0	64.8	75.2	120.4	0.0	119
397	0.5	1.0	0.125	75.2	-36.4	56.9	67.5	122.6	4.7	125
398	0.5	1.0	0.25	74.9	-35.2	42.0	54.8	130.0	3.9	131
399	0.5	1.0	0.375	76.5	-30.9	26.7	40.9	139.2	5.6	140
400	0.5	1.0	0.5	77.7	-27.5	17.5	32.6	147.4	5.3	149
401	0.5	1.0	0.625	78.0	-25.5	9.2	27.1	160.1	5.6	162
402	0.5	1.0	0.75	77.5	-21.6	-5.3	22.2	193.8	4.8	180
403	0.5	1.0	0.875	76.7	-19.5	-13.7	23.9	215.1	3.2	197
404	0.5	1.0	1.0	75.5	-15.9	-24.6	29.3	237.0	4.5	210

Mean color difference of this page: **delta $E^{*\prime}$ = 7.2**

n	rgb^*_{Md}			$LabCh^*_{Md}$				
324	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
325	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9
326	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
327	1.0	0.0	0.766	46.3	68.0	-3.8	68.1	356.7
328	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
329	0.816	0.0	1.0	43.2	62.7	-17.5	65.1	344.3
330	0.683	0.0	1.0	40.1	57.7	-22.1	61.8	339.0
331	0.583	0.0	1.0	37.8	53.6	-26.1	59.6	334.0
332	0.5	0.0	1.0	35.9	50.0	-28.9	57.8	329.9
333	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
334	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
335	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
336	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
337	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
338	0.766	0.0	1.0	42.1	60.8	-18.7	63.6	342.8
339	0.616	0.0	1.0	38.5	55.0	-24.9	60.4	335.6
340	0.5	0.0	1.0	35.9	50.0	-28.9	57.8	329.9
341	0.416	0.0	1.0	34.2	47.1	-31.1	56.4	326.5
342	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
343	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
344	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
345	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
346	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
347	0.683	0.0	1.0	40.1	57.7	-22.1	61.8	339.0
348	0.5	0.0	1.0	35.9	50.0	-28.9	57.8	329.9
349	0.383	0.0	1.0	33.6	45.9	-31.9	55.9	325.2
350	0.316	0.0	1.0	32.4	42.6	-34.0	54.5	321.3
351	1.0	0.766	0.0	83.3	-1.8	78.8	78.8	91.3
352	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
353	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
354	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
355	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
356	0.5	0.0	1.0	35.9	50.0	-28.9	57.8	329.9
357	0.316	0.0	1.0	32.4	42.6	-34.0	54.5	321.3
358	0.233	0.0	1.0	31.2	38.1	-36.6	52.8	316.1
359	0.183	0.0	1.0	31.2	35.1	-38.6	52.2	312.2
360	1.0	1.0	0.0	91.3	-14.4	84.1	85.4	99.7
361	1.0	1.0	0.0	91.3	-14.4	84.1	85.4	99.7
362	1.0	1.0	0.0	91.3	-14.4	84.1	85.4	99.7
363	1.0	1.0	0.0	91.3	-14.4	84.1	85.4	99.7
364	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
365	0.0	0.0	1.0	31.8	24.6	-43.3	49.9	299.6
366	0.0	0.0	1.0	31.8	24.6	-43.3	49.9	299.6
367	0.0	0.0	1.0	31.8	24.6	-43.3	49.9	299.6
368	0.0	0.0	1.0	31.8	24.6	-43.3	49.9	299.6
369	0.816	1.0	0.0	91.2	-19.7	90.8	92.9	102.2
370	0.766	1.0	0.0	89.7	-21.5	89.0	91.6	103.5
371	0.683	1.0	0.0	85.0	-26.7	81.7	85.9	108.1
372	0.5	1.0	0.0	73.9	-38.0	64.8	75.2	120.4
373	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
374	0.0	1.0	1.0	53.0	-32.9	-40.4	52.1	230.7
375	0.0	0.5	1.0	45.6	-13.0	-50.3	51.9	255.4
376	0.0	0.316	1.0	39.0	-0.9	-49.7	49.7	268.8
377	0.0	0.233	1.0	35.8	5.6	-49.0	49.4	276.5
378	0.683	1.0	0.0	85.0	-26.7	81.7	85.9	108.1
379	0.616	1.0	0.0	80.7	-30.6	74.9	80.9	112.2
380	0.5	1.0	0.0	73.9	-38.0	64.8	75.2	120.4
381	0.316	1.0	0.0	66.0	-48.8	51.5	71.0	133.4
382	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
383	0.0	1.0	0.5	56.5	-50.3	-4.5	50.5	185.1
384	0.0	1.0	1.0	53.0	-32.9	-40.4	52.1	230.7
385	0.0	0.683	1.0	51.2	-23.3	-49.0	54.3	244.4
386	0.0	0.5	1.0	45.6	-13.0	-50.3	51.9	255.4
387	0.583	1.0	0.0	78.8	-33.0	72.1	79.3	114.5
388	0.5	1.0	0.0	73.9	-38.0	64.8	75.2	120.4
389	0.383	1.0	0.0	69.6	-43.6	57.7	72.3	127.0
390	0.233	1.0	0.0	61.6	-54.5	43.5	69.7	141.3
391	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
392	0.0	1.0	0.316	55.2	-57.6	8.3	58.3	171.7
393	0.0	1.0	0.683	57.0	-43.4	-16.6	46.4	200.9
394	0.0	1.0	1.0	53.0	-32.9	-40.4	52.1	230.7
395	0.0	0.766	1.0	52.6	-27.6	-47.0	54.5	239.6
396	0.5	1.0	0.0	73.9	-38.0	64.8	75.2	120.4
397	0.416	1.0	0.0	70.9	-42.1	59.8	73.1	125.1
398	0.316	1.0	0.0	66.0	-48.8	51.5	71.0	133.4
399	0.183	1.0	0.0	60.0	-57.0	40.5	70.0	144.6
400	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
401	0.0	1.0	0.233	54.9	-60.2	14.2	61.9	166.6
402	0.0	1.0	0.5	56.5	-50.3	-4.5	50.5	185.1
403	0.0	1.0	0.766	56.7	-40.9	-21.4	46.1	207.6
404	0.0	1.0	1.0	53.0	-32.9	-40.4	52.1	230.7

1-0032330-F0   RE730-7N, Page 24/33-F

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

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

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 25/33

n	HIC*Fd	rgb_Fd			ict_Fd			hsi_F,d	rgb*Fd			LabCh*Fd				
405	R00Y_062_062d	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	35.5	37.3	24.9	44.9	33.7
406	R31Y_062_062d	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.114	35.1	37.1	19.7	42.0	28.0
407	R11Y_062_062d	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.239	34.8	37.7	11.9	39.5	17.5
408	B69R_062_062d	0.625	0.0	0.375	0.625	0.625	0.312	353	0.625	0.0	0.385	35.0	40.5	3.2	40.6	4.6
409	B59R_062_062d	0.625	0.0	0.5	0.625	0.625	0.312	341	0.625	0.0	0.51	35.3	43.1	−3.9	43.3	354.7
410	B50R_062_062d	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	35.9	44.0	−6.8	44.5	351.1
411	B42R_075_075d	0.625	0.0	0.75	0.75	0.75	0.375	321	0.637	0.0	0.75	37.0	47.9	−12.5	49.5	345.3
412	B36R_087_087d	0.625	0.0	0.875	0.875	0.875	0.437	314	0.641	0.0	0.875	38.2	52.1	−17.4	54.9	341.5
413	B31R_100_100d	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	38.9	55.7	−24.2	60.8	336.4
414	R18Y_062_062d	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.114	0.0	41.3	29.7	36.4	47.0	50.8
415	R00Y_062_050d	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	41.6	29.9	19.9	35.9	33.7
416	R26Y_062_050d	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.241	41.3	29.6	14.4	32.9	25.9
417	R00Y_062_050d	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.375	41.1	31.1	6.0	31.7	11.0
418	B61R_062_050d	0.625	0.125	0.5	0.625	0.5	0.375	344	0.625	0.125	0.508	41.3	34.0	−1.9	34.0	356.7
419	B50R_062_050d	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	42.0	35.2	−5.4	35.6	351.1
420	B40R_075_062d	0.625	0.125	0.75	0.75	0.625	0.437	319	0.635	0.125	0.75	43.1	39.1	−10.9	40.6	344.3
421	B34R_087_075d	0.625	0.125	0.875	0.875	0.75	0.5	311	0.637	0.125	0.875	44.2	43.2	−16.6	46.3	339.0
422	B29R_100_087d	0.625	0.125	1.0	1.0	0.875	0.562	305	0.635	0.125	1.0	45.1	46.9	−22.8	52.2	334.0
423	R38Y_062_062d	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.239	0.0	48.0	16.7	42.6	45.7	68.6
424	R23Y_062_050d	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.241	0.125	47.8	20.7	30.4	36.8	55.7
425	R00Y_062_037d	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	47.8	22.4	14.9	26.9	33.7
426	R18Y_062_037d	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.368	47.5	22.4	8.8	24.1	21.4
427	B65R_062_037d	0.625	0.25	0.5	0.625	0.375	0.437	349	0.625	0.25	0.506	47.5	24.8	0.4	24.8	1.0
428	B50R_062_037d	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	48.1	26.4	−4.0	26.7	351.1
429	B38R_075_050d	0.625	0.25	0.75	0.75	0.5	0.5	316	0.633	0.25	0.75	49.2	30.4	−9.3	31.8	342.8
430	B30R_087_062d	0.625	0.25	0.875	0.875	0.625	0.562	307	0.635	0.25	0.875	50.2	34.4	−15.5	37.7	335.6
431	B25R_100_075d	0.625	0.25	1.0	1.0	0.75	0.625	300	0.625	0.25	1.0	51.0	37.5	−21.7	43.3	329.9
432	R61Y_062_062d	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.385	0.0	53.5	6.7	47.7	48.2	81.9
433	R50Y_062_050d	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.375	0.125	54.2	8.5	36.4	37.4	76.7
434	R31Y_062_037d	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.368	0.25	54.1	12.4	24.4	27.4	63.1
435	R00Y_062_025d	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	54.0	14.9	9.9	17.9	33.7
436	R00Y_062_025d	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.5	53.7	15.5	3.0	15.8	11.0
437	B50R_062_025d	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	54.1	17.6	−2.7	17.8	351.1
438	B34R_075_037d	0.625	0.375	0.75	0.75	0.375	0.562	311	0.631	0.375	0.75	55.2	21.6	−8.3	23.1	339.0
439	B25R_087_050d	0.625	0.375	0.875	0.875	0.5	0.625	300	0.625	0.375	0.875	56.1	25.0	−14.4	28.9	329.9
440	B19R_100_062d	0.625	0.375	1.0	1.0	0.625	0.687	293	0.614	0.375	1.0	57.1	28.7	−19.9	34.9	325.2
441	R81Y_062_062d	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.51	0.0	59.2	−2.7	47.8	47.9	93.2
442	R76Y_062_050d	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.508	0.125	59.8	−0.9	39.4	39.4	91.3
443	R68Y_062_037d	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.506	0.25	59.9	1.9	29.3	29.4	86.2
444	R50Y_062_025d	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.5	0.375	60.3	4.2	18.2	18.7	76.7
445	R00Y_062_012d	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	60.1	7.4	4.9	8.9	33.7
446	B50R_062_012d	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	60.2	8.8	−1.3	8.9	351.1
447	B25R_075_025d	0.625	0.5	0.75	0.75	0.25	0.625	300	0.625	0.5	0.75	61.2	12.5	−7.2	14.4	329.9
448	B15R_087_037d	0.625	0.5	0.875	0.875	0.375	0.687	289	0.618	0.5	0.875	62.3	15.9	−12.7	20.4	321.3
449	B11R_100_050d	0.625	0.5	1.0	1.0	0.5	0.75	284	0.616	0.5	1.0	63.7	19.0	−18.3	26.4	316.1
450	Y00G_062_062d	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	63.2	−9.0	52.6	53.3	99.7
451	Y00G_062_050d	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	63.8	−7.2	42.0	42.7	99.7
452	Y00G_062_037d	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	64.4	−5.4	31.5	32.0	99.7
453	Y00G_062_025d	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	65.0	−3.6	21.0	21.3	99.7
454	Y00G_062_012d	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	65.7	−1.8	10.5	10.6	99.7
455	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0
456	B00R_075_012d	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	68.2	3.0	−5.4	6.2	299.6
457	B00R_087_025d	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	70.1	6.1	−10.8	12.4	299.6
458	B00R_100_037d	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	72.1	9.2	−16.2	18.7	299.6
459	Y15G_075_075d	0.625	0.75	0.0	0.75	0.75	0.375	99	0.637	0.75	0.0	73.2	−13.8	69.0	70.4	101.3
460	Y18G_075_062d	0.625	0.75	0.125	0.75	0.625	0.437	101	0.635	0.75	0.125	73.1	−12.3	56.7	58.1	102.2
461	Y23G_075_050d	0.625	0.75	0.25	0.75	0.5	0.5	104	0.633	0.75	0.25	73.0	−10.7	44.5	45.8	103.5
462	Y31G_075_037d	0.625	0.75	0.375	0.75	0.375	0.562	109	0.631	0.75	0.375	72.0	−10.0	30.6	32.2	108.1
463	Y50G_075_025d	0.625	0.75	0.5	0.75	0.25	0.625	120	0.625	0.75	0.5	70.7	−9.5	16.2	18.8	120.4
464	G00B_075_012d	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	71.1	−8.0	4.0	9.0	153.3
465	G50B_075_012d	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	70.9	−4.1	−5.0	6.5	230.7
466	G75B_087_025d	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.75	0.875	73.6	−3.2	−12.5	12.9	255.4
467	G84B_100_037d	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.743	1.0	74.8	−0.3	−18.6	18.6	268.8
468	Y26G_087_087d	0.625	0.875	0.0	0.875	0.875	0.437	106	0.641	0.875	0.0	79.2	−20.4	75.9	78.6	105.0
469	Y31G_087_075d	0.625	0.875	0.125	0.875	0.75	0.5	109	0.637	0.875	0.125	77.8	−20.0	61.2	64.4	108.1
470	Y38G_087_062d	0.625	0.875	0.25	0.875	0.625	0.562	113	0.635	0.875	0.25	76.6	−19.1	46.8	50.6	112.2
471	Y50G_087_050d	0.625	0.875	0.375	0.875	0.5	0.625	120	0.625	0.875	0.375	75.1	−19.0	32.4	37.6	120.4
472	Y68G_087_037d	0.625	0.875	0.5	0.875	0.375	0.687	131	0.618	0.875	0.5	74.9	−18.3	19.3	26.6	133.4
473	G00B_087_025d	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	76.0	−16.1	8.1	18.1	153.3
474	G25B_087_025d	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.75	76.3	−12.5	−1.1	12.6	185.1
475	G50B_087_025d	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	75.4	−8.2	−10.1	13.0	230.7
476	G65B_100_037d	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	0.881	1.0	79.4	−8.7	−18.3	20.3	244.4
477	Y36G_100_100d	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	81.8	−29.6	76.5	82.0	111.1
478	Y41G_100_087d	0.625	1.0	0.125	1.0	0.875	0.562	115	0.635	1.0	0.125	81.0	−28.8	63.1	69.4	114.5
479	Y50G_100_075d	0.625	1.0	0.25	1.0	0.75	0.625	120	0.625	1.0	0.25	79.5	−28.5	48.6	56.4	120.4
480	Y61G_100_062d	0.625	1.0	0.375	1.0	0.625	0.687	127	0.614	1.0	0.375	79.6	−27.2	36.0	45.2	127.0
481	Y76G_100_050d	0.625	1.0	0.5	1.0	0.5	0.75	136	0.616	1.0	0.5	78.9	−27.2	21.7	34.8	141.3
482	G00B_100_037d	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	80.9	−24.2	12.1	27.1	153.3
483	G15B_100_037d	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.743	80.9	−21.6	3.1	21.8	171.7
484	G34B_100_037d	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.881	81.5	−16.2	−6.2	17.4	200.9
485	G50B_100_037d	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	80.0	−12.3	−15.1	19.5	230.7

n	rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
405	0.625	0.0	0.0	35.7	44.9	29.4	53.7	33.2	8.7	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
406	0.625	0.0	0.125	36.9	42.3	23.1	48.2	28.6	6.5	380	1.0	0.0	0.183	46.4	59.3	31.6	67.2	28.0
407	0.625	0.0	0.25	35.6	44.0	13.1	46.0	16.5	6.5	367	1.0	0.0	0.383	45.9	60.3	19.1	63.3	17.5
408	0.625	0.0	0.375	35.3	46.7	2.9	46.8	3.6	6.2	352	1.0	0.0	0.616	46.2	64.8	5.2	65.0	4.6
409	0.625	0.0	0.5	36.0	50.4	−5.4	50.7	353.8	7.5	339	1.0	0.0	0.816	46.7	69.0	−6.3	69.3	354.7
410	0.625	0.0	0.625	36.7	53.6	−12.4	55.1	346.9	11.2	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
411	0.625	0.0	0.75	37.9	54.9	−18.4	58.0	341.4	9.2	322	0.85	0.0	1.0	43.9	63.9	−16.7	66.0	345.3
412	0.625	0.0	0.875	38.7	55.5	−22.5	59.9	337.8	6.2	315	0.733	0.0	1.0	41.3	59.5	−19.9	62.8	341.5
413	0.625	0.0	1.0	38.7	55.4	−24.5	60.6	336.0	0.5	308	0.633	0.0	1.0	38.9	55.7	−24.2	60.8	336.4
414	0.625	0.125	0.0	40.9	30.7	38.1	49.0	51.1	2.0	39	1.0	0.183	0.0	56.3	47.5	58.3	75.2	50.8
415	0.625	0.125	0.125	43.7	29.0	29.8	41.5	45.7	10.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
416	0.625	0.125	0.25	42.8	30.4	16.5	34.6	28.4	2.7	377	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9
417	0.625	0.125	0.375	42.8	33.1	5.5	33.6	9.4	2.6	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
418	0.625	0.125	0.5	43.9	37.4	−3.0	37.5	355.4	4.4	342	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7
419	0.625	0.125	0.625	44.1	42.4	−11.4	43.9	344.8	9.6	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
420	0.625	0.125	0.75	45.3	45.1	−17.2	48.2	339.0	8.9	320	0.816	0.0	1.0	43.2	62.7	−17.5	65.1	344.3
421	0.625	0.125	0.875	44.7	49.7	−23.4	55.0	334.7	9.4	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
422	0.625	0.125	1.0	42.4	48.2	−27.0	55.3	330.6	5.1	305	0.583	0.0	1.0	37.8	53.6	−26.1	59.6	334.0
423	0.625	0.25	0.0	45.9	17.1	43.9	47.2	68.7	2.5	52	1.0	0.383	0.0	67.0	26.7	68.2	73.2	68.6
424	0.625	0.25	0.125	51.1	15.1	33.4	36.7	65.6	7.1	42	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
425	0.625	0.25	0.25	50.7	17.7	20.6	27.2	49.2	7.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
426	0.625	0.25	0.375	50.7	21.4	8.5	23.1	21.8	3.3	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
427	0.625	0.25	0.5	51.5	25.2	−1.5	25.2	356.5	4.4	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
428	0.625	0.25	0.625	52.1	30.6	−11.1	32.5	340.0	9.1	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
429	0.625	0.25	0.75	53.0	31.8	−15.2	35.2	334.4	7.1	317	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8
430	0.625	0.25	0.875	51.4	39.9	−24.0	46.6	328.8	10.2	307	0.616	0.0	1.0	38.5	55.0	−24.9	60.4	335.6
431	0.625	0.25	1.0	47.5	39.9	−27.2	48.3	325.7	6.9	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
432	0.625	0.375	0.0	50.2	5.5	49.2	49.5	83.5	3.7	67	1.0	0.616	0.0	75.7	10.8	76.4	77.2	81.9
433	0.625	0.375	0.125	57.9	4.5	39.8	40.1	83.5	6.5	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
434	0.625	0.375	0.25	57.7	7.7	25.4	26.6	73.1	6.0	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
435	0.625	0.375	0.375	57.4	9.9	13.2	16.5	52.9	6.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
436	0.625	0.375	0.5	58.3	13.3	2.5	13.6	10.8	5.1	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
437	0.625	0.375	0.625	58.5	19.1	−8.6	21.0	335.6	7.5	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
438	0.625	0.375	0.75	58.3	21.3	−14.0	25.5	326.6	6.5	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
439	0.625	0.375	0.875	59.0	28.8	−22.8	36.8	321.6	9.6	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
440	0.625	0.375	1.0	54.6	29.0	−26.5	39.3	317.5	7.0	292	0.383	0.0	1.0	33.6	45.9	−31.9	55.9	325.2
441	0.625	0.5	0.0	59.8	−3.5	59.7	59.8	93.3	11.9	80	1.0	0.816	0.0	84.9	−4.3	76.5	76.7	93.2
442	0.625	0.5	0.125	64.6	−4.1	48.7	48.9	94.8	10.9	77	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
443	0.625	0.5	0.25	64.9	−1.9	32.2	32.3	93.3	6.9	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
444	0.625	0.5	0.375	64.7	0.6	19.0	19.0	87.9	5.7	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
445	0.625	0.5	0.5	64.0	4.8	5.9	7.7	50.8	4.7	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
446	0.625	0.5	0.625	64.5	10.1	−6.6	12.1	326.7	6.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
447	0.625	0.5	0.75	64.8	12.6	−12.7	18.0	314.7	6.6	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
448	0.625	0.5	0.875	66.6	18.0	−20.6	27.3	311.1	9.1	288	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
449	0.625	0.5	1.0	62.6	18.2	−24.2	30.3	306.9	6.0	282	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316.1
450	0.625	0.625	0.0	68.8	−11.7	69.1	70.1	99.6	17.6	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
451	0.625	0.625	0.125	71.9	−11.2	56.2	57.3	101.3	16.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
452	0.625	0.625	0.25	72.4	−9.6	39.2	40.4	103.8	11.8	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
453	0.625	0.625	0.375	72.3	−7.0	25.9	26.8	105.2	9.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
454	0.625	0.625	0.5	72.0	−4.3	10.7	11.5	111.9	6.8	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
455	0.625	0.625	0.625	69.5	0.1	−0.8	0.8	280.1	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
456	0.625	0.625	0.75	71.2	3.2	−11.2	11.7	286.2	6.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
457	0.625	0.625	0.875	71.9	6.1	−17.9	18.9	289.0	7.2	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
458	0.625	0.625	1.0	69.4	7.9	−22.7	24.0	289.3	7.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
459	0.625	0.75	0.0	75.3	−16.1	76.3	78.0	101.9	7.9	97	0.85	1.0	0.0	92.2	−18.5	92.0	93.9	101.3
460	0.625	0.75	0.125	76.9	−16.5	60.7	62.9	105.2	6.9	99	0.816	1.0	0.0	91.2	−19.7	90.8	92.9	102.2
461	0.625	0.75	0.25	77.3	−15.3	45.1	47.7	108.7	6.2	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
462	0.625	0.75	0.375	77.9	−13.8	32.9	35.7	112.8	7.3	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
463	0.625	0.75	0.5	77.3	−11.4	20.5	23.5	119.1	8.1	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
464	0.625	0.75	0.625	77.1	−10.1	6.6	12.1	146.9	6.8	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
465	0.625	0.75	0.75	77.2	−6.5	−8.9	11.1	233.7	7.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
466	0.625	0.75	0.875	77.3	−3.3	−15.9	16.3	258.2	5.0	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
467	0.625	0.75	1.0	74.9	−3.3	−22.2	22.5	261.3	4.7	251	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268.8
468	0.625	0.875	0.0	81.3	−21.8	79.6	82.6	105.3	4.5	104	0.733	1.0	0.0	88.2	−23.3	86.7	89.8	105.0
469	0.625	0.875	0.125	81.8	−22.0	66.2	69.7	108.4	6.6	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
470	0.625	0.875	0.25	80.6	−20.5	44.2	48.8	114.8	4.9	112	0.616	1.0	0.0	80.7	−30.6	74.9	80.9	112.2
471	0.625	0.875	0.375	81.0	−20.2	33.4	39.1	121.2	6.0	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
472	0.625	0.875	0.5	81.9	−18.6	22.3	29.1	129.8	7.6	131	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
473	0.625	0.875	0.625	82.9	−16.6	13.2	21.2	141.4	8.6	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
474	0.625	0.875	0.75	82.7	−14.4	0.1	14.4	179.2	6.8	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
475	0.625	0.875	0.875	83.1	−11.3	−14.6	18.5	232.2	9.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
476	0.625	0.875	1.0	80.4	−10.2	−19.8	22.2	242.7	2.2	228	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244.4
477	0.625	1.0	0.0	81.2	−30.0	75.6	81.4	111.6	1.1	111	0.633	1.0	0.0	81.8	−29.6	76.5	82.0	111.1
478	0.625	1.0	0.125	83.1	−27.9	66.8	72.5	112.7	4.4	114	0.583	1.0	0.0	78.8	−33.0	72.1	79.3	114.5
479	0.625	1.0	0.25	82.0	−28.1	53.5	60.4	117.7	5.5	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
480	0.625	1.0	0.375	81.1	−27.4	38.7	47.5	125.2	3.0	127	0.383	1.0	0.0	69.6	−43.6	57.7	72.3	127.0
481	0.625	1.0	0.5	82.4	−23.3	23.8	33.3	134.4	5.5	137	0.233	1.0	0.0	61.6	−54.5	43.5	69.7	141.3
482	0.625	1.0	0.625	84.0	−20.0	15.4	25.2	142.4	6.1	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
483	0.625	1.0	0.75	84.0	−16.9	3.8	17.4	167.3	5.6	168	0.0	1.0	0.316	55.2	−57.6	8.3	58.3	171.7
484	0.625	1.0	0.875	82.6	−14.6	−8.1	16.8	209.0	2.7	191	0.0	1.0	0.683	57.0	−43.4	−16.6	46.4	200.9
485	0.625	1.0	1.0	81.5	−11.9	−17.9	21.6	236.3	3.2	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: **delta E*' = 6.7**

1−0032430−F0

RE730−7N, Page 25/33−F

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

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

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

1−0032430−F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 26/33

n	HIC*Fd	rgb_Fd			ict_Fd			hsi_F,d	rgb*Fd			LabCh*Fd					rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
486	R00Y_075_075d	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	39.3	44.8	29.9	53.9	33.7	0.75	0.0	0.0	39.6	49.4	30.9	58.3	32.0	4.7	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
487	R35Y_075_075d	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.112	39.0	44.5	25.1	51.1	29.4	0.75	0.0	0.125	38.2	48.6	22.7	53.6	25.0	4.7	382	1.0	0.0	0.15	46.5	59.3	33.4	68.1	29.4
488	R18Y_075_075d	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.237	38.6	44.9	17.6	48.2	21.4	0.75	0.0	0.25	37.7	48.9	15.5	51.4	17.6	4.6	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
489	R00Y_075_075d	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.375	38.5	46.7	9.1	47.6	11.0	0.75	0.0	0.375	37.3	50.7	7.3	51.2	8.2	4.4	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
490	B65R_075_075d	0.75	0.0	0.5	0.75	0.75	0.375	349	0.75	0.0	0.512	38.7	49.7	0.8	49.7	1.0	0.75	0.0	0.5	37.4	53.7	−1.0	53.7	358.8	4.5	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
491	B57R_075_075d	0.75	0.0	0.625	0.75	0.75	0.375	339	0.75	0.0	0.637	39.3	52.2	−5.9	52.5	353.4	0.75	0.0	0.625	37.8	56.8	−9.0	57.6	350.9	5.8	337	1.0	0.0	0.85	46.9	69.6	−7.9	70.0	353.4
492	B50R_075_075d	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	39.8	52.8	−8.1	53.4	351.1	0.75	0.0	0.75	38.8	58.2	−14.0	59.8	346.4	8.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
493	B43R_087_087d	0.75	0.0	0.875	0.875	0.875	0.437	322	0.758	0.0	0.875	40.7	56.4	−14.2	58.2	345.8	0.75	0.0	0.875	40.2	58.3	−18.4	61.2	342.5	4.6	322	0.866	0.0	1.0	44.2	64.5	−16.2	66.5	345.8
494	B38R_100_100d	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8	0.75	0.0	1.0	41.7	60.2	−19.1	63.1	342.3	0.8	317	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8
495	R15Y_075_075d	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.112	0.0	44.8	38.6	42.1	57.1	47.4	0.75	0.125	0.0	47.1	40.4	46.6	61.6	49.0	5.3	37	1.0	0.15	0.0	54.3	51.5	56.1	76.2	47.4
496	R00Y_075_062d	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	45.5	37.3	24.9	44.9	33.7	0.75	0.125	0.125	47.4	34.2	32.8	47.4	43.8	8.7	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
497	R31Y_075_062d	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.239	45.1	37.1	19.7	42.0	28.0	0.75	0.125	0.25	46.9	35.7	23.1	42.6	32.8	4.0	380	1.0	0.0	0.183	46.4	59.3	31.6	67.2	28.0
498	R11Y_075_062d	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.364	44.8	37.7	11.9	39.5	17.5	0.75	0.125	0.375	45.9	37.7	14.4	40.4	20.9	2.7	367	1.0	0.0	0.383	45.9	60.3	19.1	63.3	17.5
499	B69R_075_062d	0.75	0.125	0.5	0.75	0.625	0.437	353	0.75	0.125	0.51	45.0	40.5	3.2	40.6	4.6	0.75	0.125	0.5	45.7	42.1	4.9	42.4	6.7	2.4	352	1.0	0.0	0.616	46.2	64.8	5.2	65.0	4.6
500	B59R_075_062d	0.75	0.125	0.625	0.75	0.625	0.437	341	0.75	0.125	0.635	45.3	43.1	−3.9	43.3	354.7	0.75	0.125	0.625	46.0	46.0	−4.5	46.2	354.3	3.0	339	1.0	0.0	0.816	46.7	69.0	−6.3	69.3	354.7
501	B50R_075_062d	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	45.9	44.0	−6.8	44.5	351.1	0.75	0.125	0.75	46.5	50.1	−13.0	51.8	345.3	8.7	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
502	B42R_087_075d	0.75	0.125	0.875	0.875	0.75	0.5	321	0.762	0.125	0.875	47.0	47.9	−12.5	49.5	345.3	0.75	0.125	0.875	47.3	52.4	−18.1	55.4	340.9	7.1	322	0.85	0.0	1.0	43.9	63.9	−16.7	66.0	345.3
503	B36R_100_087d	0.75	0.125	1.0	1.0	0.875	0.562	314	0.766	0.125	1.0	48.2	52.1	−17.4	54.9	341.5	0.75	0.125	1.0	46.9	53.1	−21.6	57.3	337.7	4.5	315	0.733	0.0	1.0	41.3	59.5	−19.9	62.8	341.5
504	R31Y_075_075d	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.237	0.0	51.9	24.8	48.9	54.8	63.1	0.75	0.25	0.0	55.4	22.3	55.5	59.8	68.1	7.9	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
505	R18Y_075_062d	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.239	0.125	51.3	29.7	36.4	47.0	50.8	0.75	0.25	0.125	55.1	22.0	39.9	45.6	61.0	9.2	39	1.0	0.183	0.0	56.3	47.5	58.3	75.2	50.8
506	R00Y_075_050d	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.6	29.9	19.9	35.9	33.7	0.75	0.25	0.25	54.9	23.2	27.4	36.0	49.7	10.5	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
507	R26Y_075_050d	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.366	51.3	29.6	14.4	32.9	25.9	0.75	0.25	0.375	53.9	26.2	16.8	31.1	32.8	4.9	377	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9
508	R00Y_075_050d	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.5	51.1	31.1	6.0	31.7	11.0	0.75	0.25	0.5	54.0	28.8	8.0	29.9	15.5	4.1	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
509	B61R_075_050d	0.75	0.25	0.625	0.75	0.5	0.5	344	0.75	0.25	0.633	51.3	34.0	−1.9	34.0	356.7	0.75	0.25	0.625	53.8	33.7	−2.3	33.8	356.0	2.5	342	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7
510	B50R_075_050d	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.0	35.2	−5.4	35.6	351.1	0.75	0.25	0.75	53.8	38.4	−12.4	40.4	342.0	7.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
511	B40R_087_062d	0.75	0.25	0.875	0.875	0.625	0.562	319	0.76	0.25	0.875	53.1	39.1	−10.9	40.6	344.3	0.75	0.25	0.875	54.9	41.2	−17.3	44.7	337.1	6.9	320	0.816	0.0	1.0	43.2	62.7	−17.5	65.1	344.3
512	B34R_100_075d	0.75	0.25	1.0	1.0	0.75	0.625	311	0.762	0.25	1.0	54.1	43.2	−16.6	46.3	339.0	0.75	0.25	1.0	52.9	43.4	−21.9	48.6	333.2	5.4	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
513	R50Y_075_075d	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.375	0.0	58.2	12.8	54.6	56.1	76.7	0.75	0.375	0.0	60.4	11.7	60.4	61.5	79.0	6.3	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
514	R38Y_075_062d	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.364	0.125	58.0	16.7	42.6	45.7	68.6	0.75	0.375	0.125	61.5	11.9	47.0	48.5	75.7	7.3	52	1.0	0.383	0.0	67.0	26.7	68.2	73.2	68.6
515	R23Y_075_050d	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.366	0.25	57.8	20.7	30.4	36.8	55.7	0.75	0.375	0.25	61.4	12.5	31.0	33.4	67.9	8.9	42	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
516	R00Y_075_037d	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	57.8	22.4	14.9	26.9	33.7	0.75	0.375	0.375	60.6	15.7	20.3	25.7	52.2	9.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
517	R18Y_075_037d	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.493	57.4	22.4	8.8	24.1	21.4	0.75	0.375	0.5	60.7	17.8	11.1	21.0	31.9	6.0	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
518	B65R_075_037d	0.75	0.375	0.625	0.75	0.375	0.562	349	0.75	0.375	0.631	57.5	24.8	0.4	24.8	1.0	0.75	0.375	0.625	60.3	22.3	0.0	22.3	359.8	3.8	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
519	B50R_075_037d	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	58.0	26.4	−4.0	26.7	351.1	0.75	0.375	0.75	59.8	27.7	−10.5	29.7	339.1	6.8	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
520	B38R_087_050d	0.75	0.375	0.875	0.875	0.5	0.625	316	0.758	0.375	0.875	59.2	30.4	−9.3	31.8	342.8	0.75	0.375	0.875	61.0	32.8	−16.9	36.9	332.6	8.1	317	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8
521	B30R_100_062d	0.75	0.375	1.0	1.0	0.625	0.687	307	0.76	0.375	1.0	60.2	34.4	−15.5	37.7	335.6	0.75	0.375	1.0	58.5	35.3	−21.0	41.0	329.2	5.7	307	0.616	0.0	1.0	38.5	55.0	−24.9	60.4	335.6
522	R68Y_075_075d	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.512	0.0	63.4	3.8	58.7	58.8	86.2	0.75	0.5	0.0	64.6	3.2	65.3	65.3	87.1	6.7	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
523	R61Y_075_062d	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.51	0.125	63.5	6.7	47.7	48.2	81.9	0.75	0.5	0.125	67.2	3.1	54.3	54.4	86.6	8.3	67	1.0	0.616	0.0	75.7	10.8	76.4	77.2	81.9
524	R50Y_075_050d	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	64.2	8.5	36.4	37.4	76.7	0.75	0.5	0.25	67.1	4.0	37.6	37.8	83.8	5.5	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
525	R31Y_075_037d	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.493	0.375	64.1	12.4	24.4	27.4	63.1	0.75	0.5	0.375	66.5	7.0	25.8	26.7	74.8	6.0	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
526	R00Y_075_025d	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	63.9	14.9	9.9	17.9	33.7	0.75	0.5	0.5	66.5	9.4	15.2	17.8	58.2	8.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
527	R00Y_075_025d	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.625	63.7	15.5	3.0	15.8	11.0	0.75	0.5	0.625	65.7	14.0	3.5	14.5	14.2	2.5	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
528	B50R_075_025d	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	64.1	17.6	−2.7	17.8	351.1	0.75	0.5	0.75	65.3	20.5	−9.2	22.5	335.6	7.2	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
529	B34R_087_037d	0.75	0.5	0.875	0.875	0.375	0.687	311	0.756	0.5	0.875	65.2	21.6	−8.3	23.1	339.0	0.75	0.5	0.875	67.3	23.5	−15.4	28.1	326.8	7.6	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
530	B25R_100_050d	0.75	0.5	1.0	1.0	0.5	0.75	300	0.75	0.5	1.0	66.1	25.0	−14.4	28.9	329.9	0.75	0.5	1.0	65.9	26.7	−19.0	32.8	324.4	4.8	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
531	R85Y_075_075d	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.637	0.0	68.6	−4.4	56.2	56.4	94.5	0.75	0.625	0.0	73.4	−5.5	74.3	74.5	94.2	18.6	81	1.0	0.85	0.0	86.1	−5.9	75.0	75.2	94.5
532	R81Y_075_062d	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.635	0.125	69.2	−2.7	47.8	47.9	93.2	0.75	0.625	0.125	74.2	−5.1	60.6	60.8	94.8	13.9	80	1.0	0.816	0.0	84.9	−4.3	76.5	76.7	93.2
533	R76Y_075_050d	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.633	0.25	69.8	−0.9	39.4	39.4	91.3	0.75	0.625	0.25	74.1	−3.6	44.2	44.3	94.6	6.9	77	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
534	R68Y_075_037d	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.631	0.375	69.8	1.9	29.3	29.4	86.2	0.75	0.625	0.375	73.5	−1.6	32.8	32.8	92.9	6.1	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
535	R50Y_075_025d	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.625	0.5	70.2	4.2	18.2	18.7	76.7	0.75	0.625	0.5	73.1	1.4	21.4	21.5	86.1	5.1	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
536	R00Y_075_012d	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	70.1	7.4	4.9	8.9	33.7	0.75	0.625	0.625	71.9	4.8	7.5	8.9	57.4	4.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
537	B50R_075_012d	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	70.2	8.8	−1.3	8.9	351.1	0.75	0.625	0.75	71.9	10.3	−6.5	12.2	327.7	5.6	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
538	B25R_087_025d	0.75	0.625	0.875	0.875	0.25	0.75	300	0.75	0.625	0.875	71.2	12.5	−7.2	14.4	329.9	0.75	0.625	0.875	73.6	13.6	−13.6	19.2	315.1	6.8	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
539	B15R_100_037d	0.75	0.625	1.0	1.0	0.375	0.812	289	0.743	0.625	1.0	72.3	15.9	−12.7	20.4	321.3	0.75	0.625	1.0	73.0	16.6	−16.7	23.6	314.8	4.1	288	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321.3
540	Y00G_075_075d	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	72.5	−10.8	63.1	64.0	99.7	0.75	0.75	0.0	81.5	−13.2	83.1	84.2	99.0	22.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
541	Y00G_075_062d	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	73.1	−9.0	52.6	53.3	99.7	0.75	0.75	0.125	80.6	−12.0	67.6	68.6	100.0	17.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
542	Y00G_075_050d	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	73.8	−7.2	42.0	42.7	99.7	0.75	0.75	0.25	80.6	−10.8	50.9	52.0	101.9	11.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
543	Y00G_075_037d	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	74.4	−5.4	31.5	32.0	99.7	0.75	0.75	0.375	80.1	−9.0	39.7	40.7	102.8	10.6	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
544	Y00G_075_025d	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	75.0	−3.6	21.0	21.3	99.7	0.75	0.75	0.5	80.4	−7.7	29.2	30.2	104.8	10.5	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
545	Y00G_075_012d	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	75.6	−1.8	10.5	10.6	99.7	0.75	0.75	0.625	79.0	−4.2	13.7	14.4	107.1	5.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
546	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	77.0	0.2	−0.2	0.3	313.6	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
547	B00R_087_012d	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	78.2	3.0	−5.4	6.2	299.6	0.75	0.75	0.875	79.8	1.9	−10.2	10.4	280.7	5.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
548	B00R_100_025d	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	80.1	6.1	−10.8	12.4	299.6	0.75	0.75	1.0	80.4	3.3	−15.2	15.6	282.4	5.2	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
549	Y13G_087_087d	0.75	0.875	0.0	0.875	0.875	0.437	98	0.758	0.875	0.0	83.2	−15.6	81.0	82.5	100.9	0.75	0.875	0.0	88.3	−16.5	89.8	91.3	100.4	10.1	97	0.866	1.0	0.0	92.7	−17.8	92.6	94.3	100.9
550	Y15G_087_075d	0.75	0.875	0.125	0.875	0.75	0.5	99	0.762	0.875	0.125	83.2	−13.8	69.0	70.4	101.3	0.75	0.875	0.125	86.0	−16.6	75.6	77.4	102.3	7.6	97	0.85	1.0	0.0	92.2	−18.5	92.0	93.9	101.3
551	Y18G_087_062d	0.75	0.875	0.25	0.875	0.625	0.562	101	0.76	0.875	0.25	83.1	−12.3	56.7	58.1	102.2	0.75	0.875	0.25	85.1	−16.2	55.3	57.6	106.3	4.6	99	0.816	1.0	0.0	91.2	−19.7	90.8	92.9	102.2
552	Y23G_087_050d	0.75	0.875	0.375	0.875	0.5	0.625	104	0.758	0.875	0.375	83.0	−10.7	44.5	45.8	103.5	0.75	0.875	0.375	85.1	−15.4	45.6	48.1	108.6	5.2	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
553	Y31G_087_037d	0.75	0.875	0.5	0.875	0.375	0.687	109	0.756	0.875	0.5	82.0	−10.0	30.6	32.2	108.1	0.75	0.875	0.5	85.5	−14.4	35.1	38.0	112.3	7.2	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
554	Y50G_087_025d	0.75	0.875	0.625	0.875	0.25	0.75	120	0.75	0.875	0.625	80.7	−9.5	16.2	18.8	120.4	0.75	0.875	0.625	85.3	−11.9	23.2	26.1	117.1	8.7	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
555	G00B_087_012d	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	81.1	−8.0	4.0	9.0	153.3	0.75	0.875	0.75	86.7	−10.8	10.2	14.9	136.5	8.8	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
556	G50B_087_012d	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	80.8	−4.1	−5.0	6.5	230.7	0.75	0.875	0.875	86.7	−6.8	−8.8	11.1	232.5	7.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
557	G75B_100_025d	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.875	1.0	83.6	−3.2	−12.5	12.9	255.4	0.75	0.875	1.0	86.4	−7.7	−12.9	15.1	238.9	5.3	240	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4
558	Y23G_100_100d	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5	0.75	1.0	0.0	89.2	−22.0	88.4	91.1	104.0	0.9	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
559	Y26G_100_087d	0.75	1.0	0.125	1.0	0.875	0.562	106	0.766	1.0	0.125	89.2	−20.4	75.9	78.6	105.0	0.75	1.0	0.125	88.8	−21.4	75.2	78.2	105.9	1.3	104	0.733	1.0	0.0	88.2	−23.3	86.7	89.8	105.0
560	Y31G_100_075d	0.75	1.0	0.25	1.0	0.75	0.625	109	0.762	1.0	0.25	87.8	−20.0	61.2	64.4	108.1	0.75	1.0	0.25	88.8	−21.6	61.7	65.4	109.3	2.0	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
561	Y38G_100_062d	0.75	1.0	0.375	1.0	0.625	0.687	113	0.76	1.0	0.375	86.6	−19.1	46.8	50.6	112.2	0.75	1.0	0.375	88.0	−22.0	53.4	57.7	112.4	7.3	112	0.616	1.0	0.0	80.7	−30.6	74.9	80.9	112.2
562	Y50G_100_050d	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	85.1	−19.0	32.4	37.6	120.4	0.75	1.0	0.5	87.6	−21.1	41.2	46.3	117.1	9.4	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
563	Y68G_100_037d	0.75	1.0	0.625	1.0	0.375	0.812	131	0.743	1.0	0.625	84.9	−18.3	19.3	26.6	133.4	0.75	1.0	0.625	87.6	−19.1	27.3	33.4	124.9	8.5	131	0.316	1.0	0.0	66.0	−48.8	51.5	71.0	133.4
564	G00B_100_025d	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	86.0	−16.1	8.1	18.1	153.3	0.75	1.0	0.75	89.0	−15.2	15.8	22.0	133.9	8.3	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
565	G25B_100_025d	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.875	86.3	−12.5	−1.1	12.6	185.1	0.75	1.0	0.875	87.5	−12.6	0.4	12.6	178.1	1.9	180	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1
566	G50B_100_025d	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	85.4	−8.2	−10.1	13.0	230.7	0.75	1.0	1.0	86.1	−9.2	−13.4	16.3	235.4	3.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: **delta $E^{*\prime}$ = 6.6**

1−0032530−F0 RE730−7N, Page 26/33−F

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

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

n	HIC*Fd	rgb_Fd			ict_Fd			hsi_F,d	rgb*Fd			LabCh*Fd				
567	R00Y_087_087d	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	43.1	52.3	34.9	62.9	33.7
568	R36Y_087_087d	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.116	42.8	51.9	30.1	60.0	30.0
569	R23Y_087_087d	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.233	42.4	51.9	23.4	57.0	24.3
570	R08Y_087_087d	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.364	42.2	53.3	15.0	55.4	15.7
571	B70R_087_087d	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.51	42.4	56.1	6.3	56.5	6.4
572	B63R_087_087d	0.875	0.0	0.625	0.875	0.875	0.437	346	0.875	0.0	0.641	42.5	58.9	−1.7	59.0	358.2
573	B56R_087_087d	0.875	0.0	0.75	0.875	0.875	0.437	338	0.875	0.0	0.758	43.2	61.1	−7.7	61.6	352.7
574	B50R_087_087d	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	43.7	61.6	−9.5	62.3	351.1
575	B44R_100_100d	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	44.6	65.2	−15.7	67.1	346.4
576	R13Y_087_087d	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.116	0.0	48.7	46.8	48.1	67.1	45.8
577	R00Y_087_075d	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	49.3	44.8	29.9	53.9	33.7
578	R35Y_087_075d	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.237	49.0	44.5	25.1	51.1	29.4
579	R18Y_087_075d	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.362	48.6	44.9	17.6	48.2	21.4
580	R00Y_087_075d	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.5	48.5	46.7	9.1	47.6	11.0
581	B65R_087_075d	0.875	0.125	0.625	0.875	0.75	0.5	349	0.875	0.125	0.637	48.7	49.7	0.8	49.7	1.0
582	B57R_087_075d	0.875	0.125	0.75	0.875	0.75	0.5	339	0.875	0.125	0.762	49.3	52.2	−5.9	52.5	353.4
583	B50R_087_075d	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	49.8	52.8	−8.1	53.4	351.1
584	B43R_100_087d	0.875	0.125	1.0	1.0	0.875	0.562	322	0.883	0.125	1.0	50.7	56.4	−14.2	58.2	345.8
585	R26Y_087_087d	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.233	0.0	55.5	33.1	54.8	64.0	58.8
586	R15Y_087_075d	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.237	0.125	54.8	38.6	42.1	57.1	47.4
587	R00Y_087_062d	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	55.4	37.3	24.9	44.9	33.7
588	R31Y_087_062d	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.364	55.1	37.1	19.7	42.0	28.0
589	R11Y_087_062d	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.489	54.8	37.7	11.9	39.5	17.5
590	B69R_087_062d	0.875	0.25	0.625	0.875	0.625	0.562	353	0.875	0.25	0.635	55.0	40.5	3.2	40.6	4.6
591	B59R_087_062d	0.875	0.25	0.75	0.875	0.625	0.562	341	0.875	0.25	0.76	55.3	43.1	−3.9	43.3	354.7
592	B50R_087_062d	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	55.9	44.0	−6.8	44.5	351.1
593	B42R_100_075d	0.875	0.25	1.0	1.0	0.75	0.625	321	0.887	0.25	1.0	57.0	47.9	−12.5	49.5	345.3
594	R41Y_087_087d	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.364	0.0	62.0	21.0	60.9	64.4	70.9
595	R31Y_087_075d	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.362	0.125	61.8	24.8	48.9	54.8	63.1
596	R18Y_087_062d	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.364	0.25	61.3	29.7	36.4	47.0	50.8
597	R00Y_087_050d	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	61.6	29.9	19.9	35.9	33.7
598	R26Y_087_050d	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.491	61.3	29.6	14.4	32.9	25.9
599	R00Y_087_050d	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.625	61.1	31.1	6.0	31.7	11.0
600	B61R_087_050d	0.875	0.375	0.75	0.875	0.5	0.625	344	0.875	0.375	0.758	61.3	34.0	−1.9	34.0	356.7
601	B50R_087_050d	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	62.0	35.2	−5.4	35.6	351.1
602	B40R_100_062d	0.875	0.375	1.0	1.0	0.625	0.687	319	0.885	0.375	1.0	63.1	39.1	−10.9	40.6	344.3
603	R58Y_087_087d	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.51	0.0	67.4	11.1	66.0	66.9	80.4
604	R50Y_087_075d	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.5	0.125	68.2	12.8	54.6	56.1	76.7
605	R38Y_087_062d	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.489	0.25	68.0	16.7	42.6	45.7	68.6
606	R23Y_087_050d	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.491	0.375	67.8	20.7	30.4	36.8	55.7
607	R00Y_087_037d	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	67.8	22.4	14.9	26.9	33.7
608	R18Y_087_037d	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.618	67.4	22.4	8.8	24.1	21.4
609	B65R_087_037d	0.875	0.5	0.75	0.875	0.375	0.687	349	0.875	0.5	0.756	67.5	24.8	0.4	24.8	1.0
610	B50R_087_037d	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	68.0	26.4	−4.0	26.7	351.1
611	B38R_100_050d	0.875	0.5	1.0	1.0	0.5	0.75	316	0.883	0.5	1.0	69.2	30.4	−9.3	31.8	342.8
612	R73Y_087_087d	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.641	0.0	73.6	0.4	69.4	69.4	89.6
613	R68Y_087_075d	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.637	0.125	73.4	3.8	58.7	58.8	86.2
614	R61Y_087_062d	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.635	0.25	73.4	6.7	47.7	48.2	81.9
615	R50Y_087_050d	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.625	0.375	74.2	8.5	36.4	37.4	76.7
616	R31Y_087_037d	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.618	0.5	74.1	12.4	24.4	27.4	63.1
617	R00Y_087_025d	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	73.9	14.9	9.9	17.9	33.7
618	R00Y_087_025d	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.75	73.7	15.5	3.0	15.8	11.0
619	B50R_087_025d	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	74.1	17.6	−2.7	17.8	351.1
620	B34R_100_037d	0.875	0.625	1.0	1.0	0.375	0.812	311	0.881	0.625	1.0	75.2	21.6	−8.3	23.1	339.0
621	R86Y_087_087d	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.758	0.0	77.8	−5.8	64.9	65.2	95.1
622	R85Y_087_075d	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.762	0.125	78.6	−4.4	56.2	56.4	94.5
623	R81Y_087_062d	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.76	0.25	79.2	−2.7	47.8	47.9	93.2
624	R76Y_087_050d	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.758	0.375	79.8	−0.9	39.4	39.4	91.3
625	R68Y_087_037d	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.756	0.5	79.8	1.9	29.3	29.4	86.2
626	R50Y_087_025d	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.75	0.625	80.2	4.2	18.2	18.7	76.7
627	R00Y_087_012d	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	80.1	7.4	4.9	8.9	33.7
628	B50R_087_012d	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	80.2	8.8	−1.3	8.9	351.1
629	B25R_100_025d	0.875	0.75	1.0	1.0	0.25	0.875	300	0.875	0.75	1.0	81.2	12.5	−7.2	14.4	329.9
630	Y00G_087_087d	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	81.9	−12.6	73.6	74.7	99.7
631	Y00G_087_075d	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	82.5	−10.8	63.1	64.0	99.7
632	Y00G_087_062d	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	83.1	−9.0	52.6	53.3	99.7
633	Y00G_087_050d	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	83.8	−7.2	42.0	42.7	99.7
634	Y00G_087_037d	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	84.4	−5.4	31.5	32.0	99.7
635	Y00G_087_025d	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	85.0	−3.6	21.0	21.3	99.7
636	Y00G_087_012d	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	85.6	−1.8	10.5	10.6	99.7
637	NW_087d	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0
638	B00R_100_012d	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	88.2	3.0	−5.4	6.2	299.6
639	Y11G_100_100d	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	92.8	−17.3	92.3	93.9	100.6
640	Y13G_100_087d	0.875	1.0	0.125	1.0	0.875	0.562	98	0.883	1.0	0.125	93.1	−15.6	81.0	82.5	100.9
641	Y15G_100_075d	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
642	Y18G_100_062d	0.875	1.0	0.375	1.0	0.625	0.687	101	0.885	1.0	0.375	93.1	−12.3	56.7	58.1	102.2
643	Y23G_100_050d	0.875	1.0	0.5	1.0	0.5	0.75	104	0.883	1.0	0.5	93.0	−10.7	44.5	45.8	103.5
644	Y31G_100_037d	0.875	1.0	0.625	1.0	0.375	0.812	109	0.881	1.0	0.625	92.0	−10.0	30.6	32.2	108.1
645	Y50G_100_025d	0.875	1.0	0.75	1.0	0.25	0.875	120	0.875	1.0	0.75	90.7	−9.5	16.2	18.8	120.4
646	G00B_100_012d	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	91.1	−8.0	4.0	9.0	153.3
647	G50B_100_012d	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	90.8	−4.1	−5.0	6.5	230.7

n	rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
567	0.875	0.0	0.0	43.1	54.8	33.4	64.2	31.4	2.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
568	0.875	0.0	0.125	42.7	54.6	27.0	60.9	26.3	4.1	382	1.0	0.0	0.133	46.6	59.3	34.4	68.6	30.0
569	0.875	0.0	0.25	42.0	54.8	20.4	58.4	20.4	4.1	375	1.0	0.0	0.266	46.2	59.4	26.8	65.1	24.3
570	0.875	0.0	0.375	41.6	56.5	11.6	57.7	11.6	4.6	365	1.0	0.0	0.416	45.9	61.0	17.1	63.3	15.7
571	0.875	0.0	0.5	41.5	58.3	4.1	58.5	4.0	3.2	354	1.0	0.0	0.583	46.1	64.2	7.2	64.6	6.4
572	0.875	0.0	0.625	41.5	61.6	−3.9	61.7	356.3	3.5	344	1.0	0.0	0.733	46.2	67.4	−2.0	67.4	358.2
573	0.875	0.0	0.75	42.3	63.9	−10.9	64.9	350.2	4.4	337	1.0	0.0	0.866	47.1	69.8	−8.8	70.4	352.7
574	0.875	0.0	0.875	43.5	64.2	−14.9	66.0	346.9	6.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
575	0.875	0.0	1.0	44.4	64.8	−16.0	66.8	346.1	0.5	323	0.883	0.0	1.0	44.6	65.2	−15.7	67.1	346.4
576	0.875	0.125	0.0	52.2	47.0	53.0	70.8	48.4	5.9	37	1.0	0.133	0.0	53.3	53.5	55.0	76.7	45.8
577	0.875	0.125	0.125	51.4	45.6	42.8	62.5	43.1	13.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
578	0.875	0.125	0.25	50.9	46.4	31.3	55.9	34.0	6.7	382	1.0	0.0	0.15	46.5	59.3	33.4	68.1	29.4
579	0.875	0.125	0.375	49.6	48.8	21.0	53.1	23.3	5.3	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
580	0.875	0.125	0.5	48.9	52.7	12.4	54.1	13.3	6.8	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
581	0.875	0.125	0.625	49.0	55.7	1.6	55.7	1.6	6.0	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
582	0.875	0.125	0.75	49.2	60.2	−8.2	60.8	352.2	8.3	337	1.0	0.0	0.85	46.9	69.6	−7.9	70.0	353.4
583	0.875	0.125	0.875	49.5	60.6	−15.5	62.6	345.5	10.7	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
584	0.875	0.125	1.0	49.4	58.4	−17.5	61.0	343.3	4.0	322	0.866	0.0	1.0	44.2	64.5	−16.2	66.5	345.8
585	0.875	0.25	0.0	60.4	30.8	60.8	68.1	63.1	8.0	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
586	0.875	0.25	0.125	59.7	29.9	49.0	57.4	58.5	12.0	37	1.0	0.15	0.0	54.3	51.5	56.1	76.2	47.4
587	0.875	0.25	0.25	59.7	30.7	34.3	46.1	48.2	12.2	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
588	0.875	0.25	0.375	58.3	33.3	24.4	41.3	36.2	6.8	380	1.0	0.0	0.183	46.4	59.3	31.6	67.2	28.0
589	0.875	0.25	0.5	57.8	35.9	15.3	39.0	23.1	4.8	367	1.0	0.0	0.383	45.9	60.3	19.1	63.3	17.5
590	0.875	0.25	0.625	57.5	39.3	6.3	39.8	9.0	4.0	352	1.0	0.0	0.616	46.2	64.8	5.2	65.0	4.6
591	0.875	0.25	0.75	57.8	42.6	−4.9	42.9	353.3	2.7	339	1.0	0.0	0.816	46.7	69.0	−6.3	69.3	354.7
592	0.875	0.25	0.875	57.9	46.9	−13.8	48.9	343.5	7.8	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
593	0.875	0.25	1.0	57.1	48.5	−16.3	51.2	341.3	3.8	322	0.85	0.0	1.0	43.9	63.9	−16.7	66.0	345.3
594	0.875	0.375	0.0	65.8	21.1	66.1	69.4	72.2	6.4	54	1.0	0.416	0.0	68.5	24.0	69.6	73.7	70.9
595	0.875	0.375	0.125	64.3	20.5	51.9	55.8	68.3	5.7	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
596	0.875	0.375	0.25	64.3	21.1	37.2	42.8	60.3	9.1	39	1.0	0.183	0.0	56.3	47.5	58.3	75.2	50.8
597	0.875	0.375	0.375	63.9	23.3	27.0	35.7	49.1	9.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
598	0.875	0.375	0.5	63.7	26.0	17.6	31.4	34.1	5.4	377	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9
599	0.875	0.375	0.625	63.4	28.6	8.9	29.9	17.2	4.4	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
600	0.875	0.375	0.75	62.9	34.6	−3.7	34.8	353.8	2.4	342	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7
601	0.875	0.375	0.875	63.6	38.2	−12.8	40.3	341.4	8.1	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
602	0.875	0.375	1.0	63.2	39.4	−16.2	42.6	337.6	5.2	320	0.816	0.0	1.0	43.2	62.7	−17.5	65.1	344.3
603	0.875	0.5	0.0	70.6	10.5	70.8	71.6	81.4	5.7	65	1.0	0.583	0.0	74.7	12.7	75.4	76.5	80.4
604	0.875	0.5	0.125	70.8	10.5	58.2	59.1	79.7	5.0	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
605	0.875	0.5	0.25	70.5	10.7	41.5	42.8	75.5	6.5	52	1.0	0.383	0.0	67.0	26.7	68.2	73.2	68.6
606	0.875	0.5	0.375	70.0	12.4	32.1	34.5	68.8	8.7	42	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
607	0.875	0.5	0.5	70.3	14.5	22.2	26.6	56.7	11.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
608	0.875	0.5	0.625	70.1	18.2	12.2	22.0	33.9	6.0	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
609	0.875	0.5	0.75	69.4	24.0	−0.2	24.0	359.3	2.1	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
610	0.875	0.5	0.875	70.1	28.2	−10.9	30.2	338.8	7.3	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
611	0.875	0.5	1.0	71.1	30.8	−13.1	33.5	336.9	4.2	317	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342.8
612	0.875	0.625	0.0	76.7	2.8	77.6	77.6	87.9	9.0	75	1.0	0.733	0.0	81.8	0.5	79.3	79.3	89.6
613	0.875	0.625	0.125	76.4	2.3	67.2	67.3	87.9	9.1	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
614	0.875	0.625	0.25	76.3	2.7	46.9	47.0	86.6	5.0	67	1.0	0.616	0.0	75.7	10.8	76.4	77.2	81.9
615	0.875	0.625	0.375	75.6	4.7	37.6	37.9	82.8	4.2	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
616	0.875	0.625	0.5	76.1	5.9	28.1	28.7	78.0	7.7	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
617	0.875	0.625	0.625	75.0	9.4	16.6	19.1	60.5	8.7	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
618	0.875	0.625	0.75	74.6	14.7	2.9	15.0	11.4	1.2	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
619	0.875	0.625	0.875	75.8	20.0	−8.4	21.8	337.1	6.4	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
620	0.875	0.625	1.0	77.1	23.6	−11.0	26.1	335.0	3.9	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
621	0.875	0.75	0.0	84.4	−4.8	85.7	85.8	93.2	21.7	82	1.0	0.866	0.0	86.6	−6.6	74.2	74.5	95.1
622	0.875	0.75	0.125	82.8	−5.1	72.9	73.1	94.0	17.1	81	1.0	0.85	0.0	86.1	−5.9	75.0	75.2	94.5
623	0.875	0.75	0.25	82.9	−4.1	53.6	53.8	94.4	6.9	80	1.0	0.816	0.0	84.9	−4.3	76.5	76.7	93.2
624	0.875	0.75	0.375	82.6	−2.8	44.5	44.5	93.6	6.1	77	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
625	0.875	0.75	0.5	82.4	−1.1	33.3	33.3	91.9	5.6	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
626	0.875	0.75	0.625	81.7	1.9	22.2	22.3	84.8	4.8	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
627	0.875	0.75	0.75	81.2	4.8	8.2	9.5	59.4	4.2	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
628	0.875	0.75	0.875	82.3	10.0	−6.1	11.7	328.5	5.3	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
629	0.875	0.75	1.0	84.1	12.0	−9.0	15.0	323.0	3.4	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9
630	0.875	0.875	0.0	89.7	−13.0	90.1	91.0	98.2	18.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
631	0.875	0.875	0.125	88.5	−12.5	77.9	78.9	99.1	16.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
632	0.875	0.875	0.25	88.0	−11.1	61.1	62.1	100.2	10.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
633	0.875	0.875	0.375	87.5	−9.9	49.1	50.1	101.4	8.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
634	0.875	0.875	0.5	88.3	−8.5	39.5	40.4	102.1	9.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
635	0.875	0.875	0.625	88.3	−7.2	29.8	30.7	103.6	10.1	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
636	0.875	0.875	0.75	88.8	−5.4	16.2	17.1	108.5	7.5	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
637	0.875	0.875	0.875	88.7	0.1	−0.1	0.2	313.1	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
638	0.875	0.875	1.0	90.3	1.7	−6.4	6.7	285.3	2.6	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
639	0.875	1.0	0.0	92.9	−17.5	92.9	94.5	100.7	0.6	96	0.883	1.0	0.0	92.8	−17.3	92.3	93.9	100.6
640	0.875	1.0	0.125	91.3	−16.6	82.0	83.7	101.4	2.3	97	0.866	1.0	0.0	92.7	−17.8	92.6	94.3	100.9
641	0.875	1.0	0.25	90.5	−15.7	63.4	65.3	103.9	6.4	97	0.85	1.0	0.0	92.2	−18.5	92.0	93.9	101.3
642	0.875	1.0	0.375	91.2	−15.7	54.6	56.8	106.0	4.4	99	0.816	1.0	0.0	91.2	−19.7	90.8	92.9	102.2
643	0.875	1.0	0.5	91.8	−15.5	45.5	48.0	108.8	4.9	102	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103.5
644	0.875	1.0	0.625	92.6	−14.4	36.1	38.9	111.7	7.0	108	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108.1
645	0.875	1.0	0.75	92.8	−12.2	23.7	26.7	117.3	8.2	119	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4
646	0.875	1.0	0.875	93.0	−7.9	7.9	11.2	135.0	4.2	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
647	0.875	1.0	1.0	91.8	−4.9	−5.9	7.7	230.0	1.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7

Mean color difference of this page: **delta E*' = 6.5**

1−0032630−F0

RE730−7N, Page 27/33−F

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

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

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

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TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

n	HIC*Fd	rgb_Fd			ict_Fd			hsi_F,d	rgb*Fd			LabCh*Fd				
648	R00Y_100_100d	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
649	R38Y_100_100d	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	46.6	59.4	35.2	69.0	30.6
650	R26Y_100_100d	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9
651	R13Y_100_100d	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	45.9	60.1	20.1	63.4	18.5
652	R00Y_100_100d	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
653	B68R_100_100d	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	46.2	65.2	4.2	65.3	3.7
654	B61R_100_100d	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7
655	B55R_100_100d	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	47.2	70.0	−9.3	70.6	352.3
656	B50R_100_100d	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
657	R11Y_100_100d	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	52.4	54.9	53.4	76.6	44.2
658	R00Y_100_087d	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	53.1	52.3	34.9	62.9	33.7
659	R36Y_100_087d	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.241	52.8	51.9	30.1	60.0	30.0
660	R23Y_100_087d	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.358	52.4	51.9	23.4	57.0	24.3
661	R08Y_100_087d	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.489	52.2	53.3	15.0	55.4	15.7
662	B70R_100_087d	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.635	52.4	56.1	6.3	56.5	6.4
663	B63R_100_087d	1.0	0.125	0.75	1.0	0.875	0.562	346	1.0	0.125	0.766	52.4	58.9	−1.7	59.0	358.2
664	B56R_100_087d	1.0	0.125	0.875	1.0	0.875	0.562	338	1.0	0.125	0.883	53.2	61.1	−7.7	61.6	352.7
665	B50R_100_087d	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	53.7	61.6	−9.5	62.3	351.1
666	R23Y_100_100d	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
667	R13Y_100_087d	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.241	0.125	58.7	46.8	48.1	67.1	45.8
668	R00Y_100_075d	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	59.3	44.8	29.9	53.9	33.7
669	R35Y_100_075d	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.362	59.0	44.5	25.1	51.1	29.4
670	R18Y_100_075d	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.487	58.6	44.9	17.6	48.2	21.4
671	R00Y_100_075d	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.625	58.4	46.7	9.1	47.6	11.0
672	B65R_100_075d	1.0	0.25	0.75	1.0	0.75	0.625	349	1.0	0.25	0.762	58.7	49.7	0.8	49.7	1.0
673	B57R_100_075d	1.0	0.25	0.875	1.0	0.75	0.625	339	1.0	0.25	0.887	59.3	52.2	−5.9	52.5	353.4
674	B50R_100_075d	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	59.8	52.8	−8.1	53.4	351.1
675	R36Y_100_100d	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	66.2	28.2	67.5	73.1	67.3
676	R26Y_100_087d	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.358	0.125	65.5	33.1	54.8	64.0	58.8
677	R15Y_100_075d	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.362	0.25	64.8	38.6	42.1	57.1	47.4
678	R00Y_100_062d	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	65.4	37.3	24.9	44.9	33.7
679	R31Y_100_062d	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.489	65.1	37.1	19.7	42.0	28.0
680	R11Y_100_062d	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.614	64.8	37.7	11.9	39.5	17.5
681	B69R_100_062d	1.0	0.375	0.75	1.0	0.625	0.687	353	1.0	0.375	0.76	65.0	40.5	3.2	40.6	4.6
682	B59R_100_062d	1.0	0.375	0.875	1.0	0.625	0.687	341	1.0	0.375	0.885	65.3	43.1	−3.9	43.3	354.7
683	B50R_100_062d	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	65.9	44.0	−6.8	44.5	351.1
684	R50Y_100_100d	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
685	R41Y_100_087d	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.489	0.125	72.0	21.0	60.9	64.4	70.9
686	R31Y_100_075d	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.487	0.25	71.8	24.8	48.9	54.8	63.1
687	R18Y_100_062d	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.489	0.375	71.3	29.7	36.4	47.0	50.8
688	R00Y_100_050d	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.6	29.9	19.9	35.9	33.7
689	R26Y_100_050d	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.616	71.3	29.6	14.4	32.9	25.9
690	R00Y_100_050d	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.75	71.0	31.1	6.0	31.7	11.0
691	B61R_100_050d	1.0	0.5	0.875	1.0	0.5	0.75	344	1.0	0.5	0.883	71.3	34.0	−1.9	34.0	356.7
692	B50R_100_050d	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	72.0	35.2	−5.4	35.6	351.1
693	R63Y_100_100d	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	76.4	9.6	76.9	77.5	82.8
694	R58Y_100_087d	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.635	0.125	77.4	11.1	66.0	66.9	80.4
695	R50Y_100_075d	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.625	0.25	78.2	12.8	54.6	56.1	76.7
696	R38Y_100_062d	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.614	0.375	78.0	16.7	42.6	45.7	68.6
697	R23Y_100_050d	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.616	0.5	77.8	20.7	30.4	36.8	55.7
698	R00Y_100_037d	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	77.8	22.4	14.9	26.9	33.7
699	R18Y_100_037d	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.743	77.4	22.4	8.8	24.1	21.4
700	B65R_100_037d	1.0	0.625	0.875	1.0	0.375	0.812	349	1.0	0.625	0.881	77.5	24.8	0.4	24.8	1.0
701	B50R_100_037d	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	78.0	26.4	−4.0	26.7	351.1
702	R76Y_100_100d	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
703	R73Y_100_087d	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.766	0.125	83.6	0.4	69.4	69.4	89.6
704	R68Y_100_075d	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.762	0.25	83.4	3.8	58.7	58.8	86.2
705	R61Y_100_062d	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.76	0.375	83.4	6.7	47.7	48.2	81.9
706	R50Y_100_050d	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	84.2	8.5	36.4	37.4	76.7
707	R31Y_100_037d	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.743	0.625	84.0	12.4	24.4	27.4	63.1
708	R00Y_100_025d	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	83.9	14.9	9.9	17.9	33.7
709	R00Y_100_025d	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.875	83.6	15.5	3.0	15.8	11.0
710	B50R_100_025d	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	84.1	17.6	−2.7	17.8	351.1
711	R88Y_100_100d	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	87.2	−7.4	74.5	74.9	95.7
712	R86Y_100_087d	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.883	0.125	87.8	−5.8	64.9	65.2	95.1
713	R85Y_100_075d	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.887	0.25	88.6	−4.4	56.2	56.4	94.5
714	R81Y_100_062d	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.885	0.375	89.2	−2.7	47.8	47.9	93.2
715	R76Y_100_050d	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.883	0.5	89.8	−0.9	39.4	39.4	91.3
716	R68Y_100_037d	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.881	0.625	89.8	1.9	29.3	29.4	86.2
717	R50Y_100_025d	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.875	0.75	90.2	4.2	18.2	18.7	76.7
718	R00Y_100_012d	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	90.1	7.4	4.9	8.9	33.7
719	B50R_100_012d	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	90.2	8.8	−1.3	8.9	351.1
720	Y00G_100_100d	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
721	Y00G_100_087d	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	91.9	−12.6	73.6	74.7	99.7
722	Y00G_100_075d	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	92.5	−10.8	63.1	64.0	99.7
723	Y00G_100_062d	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	93.1	−9.0	52.6	53.3	99.7
724	Y00G_100_050d	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	93.8	−7.2	42.0	42.7	99.7
725	Y00G_100_037d	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	94.4	−5.4	31.5	32.0	99.7
726	Y00G_100_025d	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	95.0	−3.6	21.0	21.3	99.7
727	Y00G_100_012d	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	95.6	−1.8	10.5	10.6	99.7
728	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

n	rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
648	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	0.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
649	1.0	0.0	0.125	46.6	59.3	34.8	68.8	30.4	0.3	383	1.0	0.0	0.116	46.6	59.4	35.2	69.0	30.6
650	1.0	0.0	0.25	46.2	59.2	27.9	65.4	25.2	0.9	377	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9
651	1.0	0.0	0.375	45.9	60.1	19.6	63.3	18.0	0.5	368	1.0	0.0	0.366	45.9	60.1	20.1	63.4	18.5
652	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0	0.0	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
653	1.0	0.0	0.625	46.2	65.0	4.7	65.1	4.1	0.5	351	1.0	0.0	0.633	46.2	65.2	4.2	65.3	3.7
654	1.0	0.0	0.75	46.2	67.7	−3.0	67.7	357.3	0.8	342	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7
655	1.0	0.0	0.875	47.1	70.0	−9.2	70.6	352.4	0.1	336	1.0	0.0	0.883	47.2	70.0	−9.3	70.6	352.3
656	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	0.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
657	1.0	0.125	0.0	52.8	54.4	54.4	77.0	44.9	1.1	36	1.0	0.116	0.0	52.4	54.9	53.4	76.6	44.2
658	1.0	0.125	0.125	51.9	56.5	48.1	74.2	40.4	13.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
659	1.0	0.125	0.25	51.2	58.6	37.8	69.8	32.8	10.3	382	1.0	0.0	0.133	46.6	59.3	34.4	68.6	30.0
660	1.0	0.125	0.375	50.6	61.4	27.3	67.2	23.9	10.3	375	1.0	0.0	0.266	46.2	59.4	26.8	65.1	24.3
661	1.0	0.125	0.5	50.2	63.8	18.9	66.5	16.5	11.3	365	1.0	0.0	0.416	45.9	61.0	17.1	63.3	15.7
662	1.0	0.125	0.625	49.2	68.3	7.9	68.8	6.6	12.7	354	1.0	0.0	0.583	46.1	64.2	7.2	64.6	6.4
663	1.0	0.125	0.75	49.5	70.7	−1.3	70.7	358.9	12.0	344	1.0	0.0	0.733	46.2	67.4	−2.0	67.4	358.2
664	1.0	0.125	0.875	50.1	72.3	−9.0	72.9	352.9	11.7	337	1.0	0.0	0.866	47.1	69.8	−8.8	70.4	352.7
665	1.0	0.125	1.0	52.0	67.1	−11.4	68.1	350.2	6.1	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
666	1.0	0.25	0.0	60.3	39.3	61.7	73.2	57.4	2.4	42	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
667	1.0	0.25	0.125	59.8	40.4	56.4	69.4	54.3	10.5	37	1.0	0.133	0.0	53.3	53.5	55.0	76.7	45.8
668	1.0	0.25	0.25	60.0	41.1	45.8	61.6	48.0	16.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
669	1.0	0.25	0.375	58.5	45.7	33.6	56.8	36.3	8.6	382	1.0	0.0	0.15	46.5	59.3	33.4	68.1	29.4
670	1.0	0.25	0.5	57.4	49.7	23.6	55.1	25.4	7.8	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
671	1.0	0.25	0.625	57.5	52.7	11.5	54.0	12.3	6.5	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
672	1.0	0.25	0.75	57.7	55.9	0.2	55.9	0.2	6.3	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
673	1.0	0.25	0.875	59.2	57.3	−9.9	58.2	350.1	6.4	337	1.0	0.0	0.85	46.9	69.6	−7.9	70.0	353.4
674	1.0	0.25	1.0	61.1	53.8	−11.8	55.1	347.5	3.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
675	1.0	0.375	0.0	66.7	27.3	67.8	73.1	68.0	0.9	51	1.0	0.366	0.0	66.2	28.2	67.5	73.1	67.3
676	1.0	0.375	0.125	66.4	28.1	60.2	66.5	64.9	7.3	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
677	1.0	0.375	0.25	66.1	29.7	50.4	58.5	59.4	12.2	37	1.0	0.15	0.0	54.3	51.5	56.1	76.2	47.4
678	1.0	0.375	0.375	66.1	31.7	37.5	49.1	49.7	13.7	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
679	1.0	0.375	0.5	65.7	34.6	26.6	43.6	37.5	7.3	380	1.0	0.0	0.183	46.4	59.3	31.6	67.2	28.0
680	1.0	0.375	0.625	65.3	38.4	15.5	41.4	22.0	3.7	367	1.0	0.0	0.383	45.9	60.3	19.1	63.3	17.5
681	1.0	0.375	0.75	65.7	41.3	4.3	41.5	5.9	1.5	352	1.0	0.0	0.616	46.2	64.8	5.2	65.0	4.6
682	1.0	0.375	0.875	66.1	45.0	−6.8	45.5	351.3	3.5	339	1.0	0.0	0.816	46.7	69.0	−6.3	69.3	354.7
683	1.0	0.375	1.0	67.2	45.2	−10.7	46.5	346.6	4.3	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
684	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7	0.0	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
685	1.0	0.5	0.125	72.6	16.6	65.9	68.0	75.8	6.7	54	1.0	0.416	0.0	68.5	24.0	69.6	73.7	70.9
686	1.0	0.5	0.25	72.5	18.4	51.3	54.5	70.2	6.9	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
687	1.0	0.5	0.375	72.5	20.2	40.5	45.3	63.5	10.4	39	1.0	0.183	0.0	56.3	47.5	58.3	75.2	50.8
688	1.0	0.5	0.5	72.9	21.9	30.1	37.2	53.8	12.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
689	1.0	0.5	0.625	73.3	24.7	18.2	30.7	36.3	6.5	377	1.0	0.0	0.233	46.3	59.2	28.8	65.9	25.9
690	1.0	0.5	0.75	72.9	29.6	5.9	30.2	11.2	2.4	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
691	1.0	0.5	0.875	72.8	34.3	−5.5	34.8	350.7	3.9	342	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356.7
692	1.0	0.5	1.0	73.3	35.3	−9.3	36.5	345.2	4.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
693	1.0	0.625	0.0	76.0	10.3	76.7	77.4	82.3	0.8	68	1.0	0.633	0.0	76.4	9.6	76.9	77.5	82.8
694	1.0	0.625	0.125	77.4	8.3	69.4	69.9	83.1	4.4	65	1.0	0.583	0.0	74.7	12.7	75.4	76.5	80.4
695	1.0	0.625	0.25	77.8	9.2	56.1	56.8	80.6	3.9	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
696	1.0	0.625	0.375	78.0	10.9	43.6	44.9	75.8	5.8	52	1.0	0.383	0.0	67.0	26.7	68.2	73.2	68.6
697	1.0	0.625	0.5	78.6	12.5	32.9	35.2	69.1	8.5	42	1.0	0.233	0.0	59.3	41.4	60.9	73.7	55.7
698	1.0	0.625	0.625	79.2	14.8	22.0	26.5	55.9	10.4	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
699	1.0	0.625	0.75	79.2	19.0	9.5	21.3	26.5	3.8	371	1.0	0.0	0.316	46.0	59.8	23.4	64.3	21.4
700	1.0	0.625	0.875	79.7	23.5	−3.1	23.7	352.4	4.4	348	1.0	0.0	0.683	46.2	66.3	1.1	66.3	1.0
701	1.0	0.625	1.0	79.7	25.7	−7.7	26.9	343.2	4.0	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
702	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	90.7	1.2	77	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
703	1.0	0.75	0.125	83.4	−0.8	67.1	67.1	90.7	2.6	75	1.0	0.733	0.0	81.8	0.5	79.3	79.3	89.6
704	1.0	0.75	0.25	83.5	0.0	59.2	59.2	90.0	3.9	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
705	1.0	0.75	0.375	83.5	1.5	49.4	49.4	88.1	5.4	67	1.0	0.616	0.0	75.7	10.8	76.4	77.2	81.9
706	1.0	0.75	0.5	84.2	2.3	40.9	41.0	86.7	7.7	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
707	1.0	0.75	0.625	84.4	5.6	28.2	28.8	78.7	7.8	48	1.0	0.316	0.0	63.7	33.1	65.2	73.1	63.1
708	1.0	0.75	0.75	86.0	7.8	14.4	16.4	61.3	8.6	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
709	1.0	0.75	0.875	85.3	14.3	1.0	14.3	4.2	2.8	360	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0
710	1.0	0.75	1.0	85.7	16.8	−5.8	17.8	340.7	3.6	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
711	1.0	0.875	0.0	86.9	−7.0	73.8	74.1	95.4	0.8	83	1.0	0.883	0.0	87.2	−7.4	74.5	74.9	95.7
712	1.0	0.875	0.125	87.4	−6.9	67.0	67.3	95.9	2.3	82	1.0	0.866	0.0	86.6	−6.6	74.2	74.5	95.1
713	1.0	0.875	0.25	87.6	−5.7	57.1	57.4	95.7	1.8	81	1.0	0.85	0.0	86.1	−5.9	75.0	75.2	94.5
714	1.0	0.875	0.375	87.8	−4.3	48.8	49.0	95.1	2.4	80	1.0	0.816	0.0	84.9	−4.3	76.5	76.7	93.2
715	1.0	0.875	0.5	88.1	−3.1	41.3	41.5	94.4	3.4	77	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91.3
716	1.0	0.875	0.625	88.8	−1.7	32.9	33.0	93.0	5.2	71	1.0	0.683	0.0	79.1	5.1	78.2	78.4	86.2
717	1.0	0.875	0.75	91.4	−1.9	21.4	21.5	95.1	7.1	59	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7
718	1.0	0.875	0.875	91.1	3.3	8.2	8.9	67.7	5.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
719	1.0	0.875	1.0	91.9	7.5	−3.1	8.1	337.3	2.7	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1
720	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	0.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
721	1.0	1.0	0.125	91.4	−14.0	76.1	77.4	100.4	2.9	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
722	1.0	1.0	0.25	91.6	−12.3	62.3	63.5	101.2	1.9	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
723	1.0	1.0	0.375	92.7	−12.6	55.0	56.5	102.9	4.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
724	1.0	1.0	0.5	93.3	−11.7	47.0	48.4	104.0	6.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
725	1.0	1.0	0.625	93.9	−10.4	38.4	39.8	105.2	8.5	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
726	1.0	1.0	0.75	95.2	−9.8	29.8	31.4	108.3	10.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
727	1.0	1.0	0.875	95.7	−6.4	17.8	19.0	109.9	8.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
728	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta $E^{*\prime}$ = 5.3**

1−0032730−F0

RE730−7N, Page 28/33−F

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 29/33

n	HIC^*_{Fd}	rgb_{Fd}			ict_{Fd}			$h_{si_F,d}$	rgb^*_{Fd}			$LabCh^*_{Fd}$					$rgb^{*\prime}_{Fd}$			$LabCh^{*\prime}_{Fd}$					$DE^{*\prime}_{Fd}$	$h_{siM,d}$	rgb^*_{Md}			$LabCh^*_{Md}$				
729	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.3	0.3	272.1	0.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
730	G50B_100_012d	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	90.8	−4.1	−5.0	6.5	230.7	0.875	1.0	1.0	91.7	−4.9	−6.4	8.1	232.3	1.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
731	G50B_100_025d	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	85.4	−8.2	−10.1	13.0	230.7	0.75	1.0	1.0	86.0	−8.7	−13.6	16.2	237.3	3.6	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
732	G50B_100_037d	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	80.0	−12.3	−15.1	19.5	230.7	0.625	1.0	1.0	81.3	−11.7	−18.6	22.0	237.8	3.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
733	G50B_100_050d	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	74.6	−16.4	−20.2	26.0	230.7	0.5	1.0	1.0	75.3	−15.3	−24.9	29.2	238.3	4.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
734	G50B_100_062d	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	69.2	−20.6	−25.2	32.5	230.7	0.375	1.0	1.0	69.6	−19.0	−29.6	35.2	237.2	4.6	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
735	G50B_100_075d	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	63.8	−24.7	−30.3	39.1	230.7	0.25	1.0	1.0	61.9	−25.1	−34.5	42.7	233.9	4.6	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
736	G50B_100_087d	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	58.4	−28.8	−35.3	45.6	230.7	0.125	1.0	1.0	55.9	−29.4	−38.7	48.6	232.6	4.2	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
737	G50B_100_100d	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	0.0	1.0	1.0	52.7	−31.6	−41.0	51.8	232.3	1.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
738	R00Y_100_012d	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	90.1	7.4	4.9	8.9	33.7	1.0	0.875	0.875	91.5	3.3	7.1	7.9	64.7	4.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
739	NW_087d	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.6	0.2	−0.2	0.3	305.8	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
740	G50B_087_012d	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	80.8	−4.1	−5.0	6.5	230.7	0.75	0.875	0.875	87.2	−6.4	−8.9	11.0	234.3	7.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
741	G50B_087_025d	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	75.4	−8.2	−10.1	13.0	230.7	0.625	0.875	0.875	82.9	−10.9	−15.8	19.2	235.3	9.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
742	G50B_087_037d	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	70.0	−12.3	−15.1	19.5	230.7	0.5	0.875	0.875	77.3	−15.0	−20.9	25.7	234.2	9.6	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
743	G50B_087_050d	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	64.6	−16.4	−20.2	26.0	230.7	0.375	0.875	0.875	71.4	−18.1	−27.1	32.6	236.2	9.8	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
744	G50B_087_062d	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	59.2	−20.6	−25.2	32.5	230.7	0.25	0.875	0.875	66.2	−22.2	−29.9	37.2	233.4	8.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
745	G50B_087_075d	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	53.8	−24.7	−30.3	39.1	230.7	0.125	0.875	0.875	59.6	−28.7	−33.0	43.8	228.9	7.6	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
746	G50B_087_087d	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	48.4	−28.8	−35.3	45.6	230.7	0.0	0.875	0.875	52.3	−33.3	−39.4	51.6	229.7	7.2	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
747	R00Y_100_025d	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	83.9	14.9	9.9	17.9	33.7	1.0	0.75	0.75	86.8	8.2	10.5	13.3	52.0	7.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
748	R00Y_087_012d	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	80.1	7.4	4.9	8.9	33.7	0.875	0.75	0.75	82.6	5.3	5.9	8.0	48.0	3.4	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
749	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	79.0	0.1	−0.2	0.2	303.9	2.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
750	G50B_075_012d	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	70.9	−4.1	−5.0	6.5	230.7	0.625	0.75	0.75	77.1	−6.4	−9.7	11.7	236.4	8.1	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
751	G50B_075_025d	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	65.5	−8.2	−10.1	13.0	230.7	0.5	0.75	0.75	73.5	−12.3	−15.9	20.1	232.2	10.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
752	G50B_075_037d	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	60.0	−12.3	−15.1	19.5	230.7	0.375	0.75	0.75	67.9	−16.2	−21.9	27.3	233.4	11.1	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
753	G50B_075_050d	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	54.6	−16.4	−20.2	26.0	230.7	0.25	0.75	0.75	61.8	−19.2	−26.5	32.8	234.0	10.0	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
754	G50B_075_062d	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	49.2	−20.6	−25.2	32.5	230.7	0.125	0.75	0.75	57.4	−25.2	−31.0	40.0	230.7	11.0	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
755	G50B_075_075d	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	43.8	−24.7	−30.3	39.1	230.7	0.0	0.75	0.75	51.8	−36.0	−36.8	51.5	225.6	15.2	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
756	R00Y_100_037d	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	77.8	22.4	14.9	26.9	33.7	1.0	0.625	0.625	80.3	14.1	18.2	23.0	52.3	9.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
757	R00Y_087_025d	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	73.9	14.9	9.9	17.9	33.7	0.875	0.625	0.625	77.1	9.1	13.1	16.0	55.3	7.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
758	R00Y_075_012d	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	70.1	7.4	4.9	8.9	33.7	0.75	0.625	0.625	74.2	5.0	6.1	7.9	50.5	4.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
759	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.0	0.1	−0.9	0.9	282.1	2.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
760	G50B_062_012d	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	60.9	−4.1	−5.0	6.5	230.7	0.5	0.625	0.625	67.3	−6.7	−12.0	13.7	240.7	9.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
761	G50B_062_025d	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	55.5	−8.2	−10.1	13.0	230.7	0.375	0.625	0.625	63.7	−12.3	−16.5	20.6	233.2	11.1	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
762	G50B_062_037d	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	50.1	−12.3	−15.1	19.5	230.7	0.25	0.625	0.625	57.5	−15.3	−23.1	27.7	236.4	11.3	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
763	G50B_062_050d	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	44.6	−16.4	−20.2	26.0	230.7	0.125	0.625	0.625	53.6	−21.0	−28.9	35.7	233.9	13.3	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
764	G50B_062_062d	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	39.2	−20.6	−25.2	32.5	230.7	0.0	0.625	0.625	50.0	−32.3	−36.5	48.7	228.5	19.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
765	R00Y_100_050d	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.6	29.9	19.9	35.9	33.7	1.0	0.5	0.5	73.9	21.5	24.9	32.9	49.2	10.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
766	R00Y_087_037d	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	67.8	22.4	14.9	26.9	33.7	0.875	0.5	0.5	71.2	15.4	18.7	24.3	50.4	8.6	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
767	R00Y_075_025d	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	63.9	14.9	9.9	17.9	33.7	0.75	0.5	0.5	67.5	9.5	13.1	16.2	53.8	7.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
768	R00Y_062_012d	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	60.1	7.4	4.9	8.9	33.7	0.625	0.5	0.5	62.4	5.6	4.9	7.5	41.3	2.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
769	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	58.4	0.1	−0.9	0.9	276.5	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
770	G50B_050_012d	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	50.9	−4.1	−5.0	6.5	230.7	0.375	0.5	0.5	56.5	−6.8	−11.7	13.6	239.7	9.1	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
771	G50B_050_025d	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	45.5	−8.2	−10.1	13.0	230.7	0.25	0.5	0.5	52.9	−12.7	−19.0	22.9	236.1	12.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
772	G50B_050_037d	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	40.1	−12.3	−15.1	19.5	230.7	0.125	0.5	0.5	49.0	−15.8	−25.8	30.3	238.4	14.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
773	G50B_050_050d	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	34.7	−16.4	−20.2	26.0	230.7	0.0	0.5	0.5	45.7	−23.5	−33.2	40.7	234.6	18.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
774	R00Y_100_062d	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	65.4	37.3	24.9	44.9	33.7	1.0	0.375	0.375	66.4	31.1	36.2	47.8	49.3	12.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
775	R00Y_087_050d	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	61.6	29.9	19.9	35.9	33.7	0.875	0.375	0.375	64.9	22.3	25.6	34.0	48.8	9.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
776	R00Y_075_037d	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	57.8	22.4	14.9	26.9	33.7	0.75	0.375	0.375	60.3	16.4	18.7	24.9	48.7	7.5	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
777	R00Y_062_025d	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	54.0	14.9	9.9	17.9	33.7	0.625	0.375	0.375	54.7	11.4	12.4	16.9	47.5	4.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
778	R00Y_050_012d	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	50.1	7.4	4.9	8.9	33.7	0.5	0.375	0.375	50.8	6.1	4.2	7.4	34.6	1.6	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
779	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	49.3	0.0	−1.4	1.4	273.8	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
780	G50B_037_012d	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	40.9	−4.1	−5.0	6.5	230.7	0.25	0.375	0.375	46.6	−8.3	−14.6	16.8	240.2	11.9	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
781	G50B_037_025d	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	35.5	−8.2	−10.1	13.0	230.7	0.125	0.375	0.375	45.1	−12.7	−21.2	24.7	239.1	15.3	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
782	G50B_037_037d	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	30.1	−12.3	−15.1	19.5	230.7	0.0	0.375	0.375	42.3	−19.4	−26.3	32.7	233.5	18.0	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
783	R00Y_100_075d	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	59.3	44.8	29.9	53.9	33.7	1.0	0.25	0.25	60.8	39.5	44.8	59.7	48.5	15.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
784	R00Y_087_062d	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	55.4	37.3	24.9	44.9	33.7	0.875	0.25	0.25	59.5	30.6	34.2	45.9	48.1	12.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
785	R00Y_075_050d	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.6	29.9	19.9	35.9	33.7	0.75	0.25	0.25	53.7	24.1	26.8	36.0	47.9	9.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
786	R00Y_062_037d	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	47.8	22.4	14.9	26.9	33.7	0.625	0.25	0.25	48.4	17.9	21.7	28.1	50.3	8.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
787	R00Y_050_025d	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	44.0	14.9	9.9	17.9	33.7	0.5	0.25	0.25	44.8	12.0	14.3	18.7	50.0	5.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
788	R00Y_037_012d	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	40.1	7.4	4.9	8.9	33.7	0.375	0.25	0.25	41.3	7.8	6.5	10.2	39.8	1.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
789	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	37.7	0.0	−1.1	1.1	270.9	1.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
790	G50B_025_012d	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	30.9	−4.1	−5.0	6.5	230.7	0.125	0.25	0.25	38.0	−9.2	−15.1	17.7	238.6	13.3	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
791	G50B_025_025d	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	25.5	−8.2	−10.1	13.0	230.7	0.0	0.25	0.25	38.1	−13.7	−19.6	24.0	234.9	16.7	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
792	R00Y_100_087d	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	53.1	52.3	34.9	62.9	33.7	1.0	0.125	0.125	52.6	54.8	46.0	71.6	39.9	11.3	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
793	R00Y_087_075d	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	49.3	44.8	29.9	53.9	33.7	0.875	0.125	0.125	51.7	44.6	41.2	60.8	42.7	11.5	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
794	R00Y_075_062d	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	45.5	37.3	24.9	44.9	33.7	0.75	0.125	0.125	46.7	34.1	31.6	46.5	42.8	7.5	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
795	R00Y_062_050d	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	41.6	29.9	19.9	35.9	33.7	0.625	0.125	0.125	42.1	28.6	29.5	41.1	45.9	9.7	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
796	R00Y_050_037d	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	37.8	22.4	14.9	26.9	33.7	0.5	0.125	0.125	39.0	21.0	22.9	31.1	47.4	8.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
797	R00Y_037_025d	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	34.0	14.9	9.9	17.9	33.7	0.375	0.125	0.125	36.5	13.1	16.3	20.9	51.2	7.0	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
798	R00Y_025_012d	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	30.1	7.4	4.9	8.9	33.7	0.25	0.125	0.125	32.5	7.7	9.2	12.0	49.9	4.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
799	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	23.0	0.0	−0.5	0.5	273.4	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
800	G50B_012_012d	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	20.9	−4.1	−5.0	6.5	230.7	0.0	0.125	0.125	32.2	−9.1	−12.3	15.4	233.4	14.4	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
801	R00Y_100_100d	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	47.0	58.3	38.5	69.9	33.4	1.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
802	R00Y_087_087d	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	43.1	52.3	34.9	62.9	33.7	0.875	0.0	0.0	41.9	52.7	32.2	61.8	31.4	2.9	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
803	R00Y_075_075d	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	39.3	44.8	29.9	53.9	33.7	0.75	0.0	0.0	38.7	47.8	30.7	56.8	32.7	3.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
804	R00Y_062_062d	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	35.5	37.3	24.9	44.9	33.7	0.625	0.0	0.0	34.8	43.3	28.8	52.0	33.6	7.1	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
805	R00Y_050_050d	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	31.6	29.9	19.9	35.9	33.7	0.5	0.0	0.0	32.2	36.6	25.6	44.7	35.0	8.8	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
806	R00Y_037_037d	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	27.8	22.4	14.9	26.9	33.7	0.375	0.0	0.0	30.5	26.6	20.4	33.6	37.4	7.4	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
807	R00Y_025_025d	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	24.0	14.9	9.9	17.9	33.7	0.25	0.0	0.0	29.1	14.8	15.1	21.2	45.5	7.2	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
808	R00Y_012_012d	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	20.2	7.4	4.9	8.9	33.7	0.125	0.0	0.0	25.6	7.4	8.6	11.4	49.4	6.5	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
809	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.1	0.0	0.3	0.3	88.2	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta $E^{*\prime}$ = 8.0**

1−0032830−F0 RE730−7N, Page 29/33−F

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

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

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

1−0032830−F0

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

n	HIC^*_{Fd}	rgb_{Fd}			ict_{Fd}			$h_{si_F,d}$	rgb^*_{Fd}			$LabCh^*_{Fd}$					$rgb^{*\prime}_{Fd}$			$LabCh^{*\prime}_{Fd}$					$DE^{*\prime}_{Fd}$	$h_{siM,d}$	rgb^*_{Md}			$LabCh^*_{Md}$				
810	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.1	−0.4	0.4	285.0	0.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
811	B00R_100_012d	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	88.2	3.0	−5.4	6.2	299.6	0.875	0.875	1.0	89.7	2.2	−7.0	7.4	287.3	2.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
812	B00R_100_025d	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	80.1	6.1	−10.8	12.4	299.6	0.75	0.75	1.0	80.8	3.4	−15.0	15.4	283.0	4.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
813	B00R_100_037d	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	72.1	9.2	−16.2	18.7	299.6	0.625	0.625	1.0	70.2	7.3	−21.9	23.1	288.4	6.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
814	B00R_100_050d	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	64.0	12.3	−21.6	24.9	299.6	0.5	0.5	1.0	58.2	11.4	−29.9	32.0	290.8	10.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
815	B00R_100_062d	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	56.0	15.4	−27.1	31.1	299.6	0.375	0.375	1.0	48.3	17.2	−35.3	39.3	295.9	11.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
816	B00R_100_075d	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	47.9	18.4	−32.5	37.4	299.6	0.25	0.25	1.0	39.0	21.9	−40.2	45.8	298.6	12.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
817	B00R_100_087d	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	39.8	21.5	−37.9	43.6	299.6	0.125	0.125	1.0	35.2	22.8	−42.3	48.0	298.3	6.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
818	B00R_100_100d	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	0.0	0.0	1.0	31.2	24.1	−44.0	50.2	298.6	1.0	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
819	Y00G_100_012d	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	95.6	−1.8	10.5	10.6	99.7	1.0	1.0	0.875	95.8	−5.8	15.9	17.0	110.2	6.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
820	NW_087d	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	90.1	0.1	0.0	0.1	338.0	3.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
821	B00R_087_012d	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	78.2	3.0	−5.4	6.2	299.6	0.75	0.75	0.875	81.8	2.2	−9.9	10.2	282.9	5.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
822	B00R_087_025d	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	70.1	6.1	−10.8	12.4	299.6	0.625	0.625	0.875	72.8	5.8	−17.5	18.4	288.6	7.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
823	B00R_087_037d	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	62.1	9.2	−16.2	18.7	299.6	0.5	0.5	0.875	63.0	9.5	−26.2	27.9	290.0	10.0	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
824	B00R_087_050d	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	54.0	12.3	−21.6	24.9	299.6	0.375	0.375	0.875	50.8	15.3	−34.1	37.4	294.1	13.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
825	B00R_087_062d	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	46.0	15.4	−27.1	31.1	299.6	0.25	0.25	0.875	41.3	19.7	−39.5	44.2	296.5	13.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
826	B00R_087_075d	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	37.9	18.4	−32.5	37.4	299.6	0.125	0.125	0.875	36.2	20.9	−42.3	47.2	296.2	10.2	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
827	B00R_087_087d	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	29.8	21.5	−37.9	43.6	299.6	0.0	0.0	0.875	29.5	26.1	−43.9	51.1	300.7	7.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
828	Y00G_100_025d	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	95.0	−3.6	21.0	21.3	99.7	1.0	1.0	0.75	95.3	−9.1	27.1	28.6	108.6	8.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
829	Y00G_087_012d	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	85.6	−1.8	10.5	10.6	99.7	0.875	0.875	0.75	90.0	−4.8	14.2	15.0	108.6	6.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
830	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	79.4	0.2	−0.3	0.4	302.5	3.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
831	B00R_075_012d	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	68.2	3.0	−5.4	6.2	299.6	0.625	0.625	0.75	71.9	3.1	−10.9	11.4	285.8	6.7	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
832	B00R_075_025d	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	60.2	6.1	−10.8	12.4	299.6	0.5	0.5	0.75	62.3	5.6	−17.7	18.5	287.6	7.2	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
833	B00R_075_037d	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	52.1	9.2	−16.2	18.7	299.6	0.375	0.375	0.75	52.4	8.6	−25.5	27.0	288.5	9.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
834	B00R_075_050d	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	44.0	12.3	−21.6	24.9	299.6	0.25	0.25	0.75	45.8	13.6	−31.8	34.6	293.2	10.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
835	B00R_075_062d	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	36.0	15.4	−27.1	31.1	299.6	0.125	0.125	0.75	39.3	16.0	−38.4	41.6	292.6	11.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
836	B00R_075_075d	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	27.9	18.4	−32.5	37.4	299.6	0.0	0.0	0.75	28.0	26.1	−44.6	51.7	300.3	14.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
837	Y00G_100_037d	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	94.4	−5.4	31.5	32.0	99.7	1.0	1.0	0.625	93.8	−9.3	34.8	36.0	104.9	5.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
838	Y00G_087_025d	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	85.0	−3.6	21.0	21.3	99.7	0.875	0.875	0.625	89.6	−6.3	25.9	26.7	103.7	7.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
839	Y00G_075_012d	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	75.6	−1.8	10.5	10.6	99.7	0.75	0.75	0.625	81.5	−3.5	11.4	11.9	107.2	6.1	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
840	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	70.5	0.2	−1.0	1.0	283.8	4.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
841	B00R_062_012d	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	58.2	3.0	−5.4	6.2	299.6	0.5	0.5	0.625	61.9	3.4	−12.7	13.1	285.1	8.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
842	B00R_062_025d	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	50.2	6.1	−10.8	12.4	299.6	0.375	0.375	0.625	51.6	6.0	−20.6	21.4	286.2	9.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
843	B00R_062_037d	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	42.1	9.2	−16.2	18.7	299.6	0.25	0.25	0.625	44.5	9.9	−26.9	28.7	290.2	10.9	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
844	B00R_062_050d	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	34.0	12.3	−21.6	24.9	299.6	0.125	0.125	0.625	38.7	15.0	−33.3	36.5	294.3	12.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
845	B00R_062_062d	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	26.0	15.4	−27.1	31.1	299.6	0.0	0.0	0.625	27.1	26.2	−45.2	52.3	300.0	21.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
846	Y00G_100_050d	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	93.8	−7.2	42.0	42.7	99.7	1.0	1.0	0.5	93.3	−11.0	43.8	45.2	104.0	4.1	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
847	Y00G_087_037d	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	84.4	−5.4	31.5	32.0	99.7	0.875	0.875	0.5	89.1	−7.9	36.6	37.5	102.2	7.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
848	Y00G_075_025d	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	75.0	−3.6	21.0	21.3	99.7	0.75	0.75	0.5	81.6	−7.0	26.6	27.5	104.8	9.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
849	Y00G_062_012d	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	65.7	−1.8	10.5	10.6	99.7	0.625	0.625	0.5	72.3	−4.0	10.1	10.9	111.5	7.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
850	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	59.6	0.1	−1.1	1.1	276.4	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
851	B00R_050_012d	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	48.2	3.0	−5.4	6.2	299.6	0.375	0.375	0.5	50.0	3.5	−14.5	14.9	283.7	9.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
852	B00R_050_025d	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	40.2	6.1	−10.8	12.4	299.6	0.25	0.25	0.5	42.3	6.9	−22.6	23.6	287.0	12.0	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
853	B00R_050_037d	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	32.1	9.2	−16.2	18.7	299.6	0.125	0.125	0.5	36.7	10.6	−28.1	30.0	290.7	12.7	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
854	B00R_050_050d	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	24.1	12.3	−21.6	24.9	299.6	0.0	0.0	0.5	30.2	19.3	−39.1	43.6	296.2	19.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
855	Y00G_100_062d	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	93.1	−9.0	52.6	53.3	99.7	1.0	1.0	0.375	92.7	−12.4	54.2	55.6	102.8	3.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
856	Y00G_087_050d	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	83.8	−7.2	42.0	42.7	99.7	0.875	0.875	0.375	88.3	−10.2	48.6	49.6	101.8	8.4	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
857	Y00G_075_037d	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	74.4	−5.4	31.5	32.0	99.7	0.75	0.75	0.375	81.4	−8.3	36.9	37.8	102.7	9.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
858	Y00G_062_025d	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	65.0	−3.6	21.0	21.3	99.7	0.625	0.625	0.375	72.3	−6.9	25.7	26.7	105.1	9.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
859	Y00G_050_012d	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	55.7	−1.8	10.5	10.6	99.7	0.5	0.5	0.375	61.3	−4.3	10.6	11.4	112.2	6.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
860	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	48.8	0.0	−1.3	1.3	274.3	2.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
861	B00R_037_012d	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	38.2	3.0	−5.4	6.2	299.6	0.25	0.25	0.375	40.8	3.5	−15.9	16.3	282.4	10.8	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
862	B00R_037_025d	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	30.2	6.1	−10.8	12.4	299.6	0.125	0.125	0.375	33.3	6.2	−23.8	24.6	284.5	13.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
863	B00R_037_037d	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	22.1	9.2	−16.2	18.7	299.6	0.0	0.0	0.375	29.4	10.6	−29.8	31.7	289.6	15.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
864	Y00G_100_075d	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	92.5	−10.8	63.1	64.0	99.7	1.0	1.0	0.25	91.6	−12.5	62.7	64.0	101.2	1.9	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
865	Y00G_087_062d	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	83.1	−9.0	52.6	53.3	99.7	0.875	0.875	0.25	88.7	−11.2	59.9	61.0	100.6	9.5	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
866	Y00G_075_050d	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	73.8	−7.2	42.0	42.7	99.7	0.75	0.75	0.25	81.5	−10.9	49.8	51.0	102.3	11.5	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
867	Y00G_062_037d	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	64.4	−5.4	31.5	32.0	99.7	0.625	0.625	0.25	72.2	−9.5	38.6	39.8	103.8	11.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
868	Y00G_050_025d	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	55.0	−3.6	21.0	21.3	99.7	0.5	0.5	0.25	62.1	−7.7	26.3	27.4	106.2	9.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
869	Y00G_037_012d	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	45.7	−1.8	10.5	10.6	99.7	0.375	0.375	0.25	51.0	−5.5	13.5	14.6	112.4	7.1	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
870	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	37.4	0.0	−1.1	1.1	274.9	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
871	B00R_025_012d	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	28.2	3.0	−5.4	6.2	299.6	0.125	0.125	0.25	31.3	3.2	−15.3	15.7	282.0	10.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
872	B00R_025_025d	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	20.2	6.1	−10.8	12.4	299.6	0.0	0.0	0.25	25.0	5.8	−23.0	23.8	284.2	13.1	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
873	Y00G_100_087d	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	91.9	−12.6	73.6	74.7	99.7	1.0	1.0	0.125	91.4	−14.0	76.2	77.5	100.4	3.0	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
874	Y00G_087_075d	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	82.5	−10.8	63.1	64.0	99.7	0.875	0.875	0.125	88.8	−12.6	77.4	78.4	99.2	15.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
875	Y00G_075_062d	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	73.1	−9.0	52.6	53.3	99.7	0.75	0.75	0.125	81.1	−12.1	67.9	69.0	100.1	17.5	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
876	Y00G_062_050d	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	63.8	−7.2	42.0	42.7	99.7	0.625	0.625	0.125	71.5	−11.1	55.8	56.9	101.3	16.2	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
877	Y00G_050_037d	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	54.4	−5.4	31.5	32.0	99.7	0.5	0.5	0.125	61.5	−9.6	42.6	43.6	102.7	13.8	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
878	Y00G_037_025d	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	45.0	−3.6	21.0	21.3	99.7	0.375	0.375	0.125	52.3	−8.3	31.2	32.2	104.9	13.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
879	Y00G_025_012d	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	35.7	−1.8	10.5	10.6	99.7	0.25	0.25	0.125	40.4	−5.0	15.7	16.4	107.7	7.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
880	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	22.0	0.0	−0.5	0.5	274.4	4.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
881	B00R_012_012d	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	18.3	3.0	−5.4	6.2	299.6	0.0	0.0	0.125	26.1	5.8	−13.2	14.4	293.7	11.3	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
882	Y00G_100_100d	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	1.0	1.0	0.0	91.2	−14.4	84.3	85.5	99.7	0.1	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
883	Y00G_087_087d	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	81.9	−12.6	73.6	74.7	99.7	0.875	0.875	0.0	90.1	−13.2	90.5	91.5	98.3	18.8	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
884	Y00G_075_075d	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	72.5	−10.8	63.1	64.0	99.7	0.75	0.75	0.0	81.7	−13.1	82.2	83.3	99.0	21.3	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
885	Y00G_062_062d	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	63.2	−9.0	52.6	53.3	99.7	0.625	0.625	0.0	68.5	−11.5	68.1	69.1	99.6	16.6	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
886	Y00G_050_050d	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	53.8	−7.2	42.0	42.7	99.7	0.5	0.5	0.0	57.4	−9.8	56.0	56.9	99.9	14.6	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
887	Y00G_037_037d	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	44.4	−5.4	31.5	32.0	99.7	0.375	0.375	0.0	49.9	−9.7	43.6	44.7	102.6	13.9	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
888	Y00G_025_025d	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	35.1	−3.6	21.0	21.3	99.7	0.25	0.25	0.0	41.7	−7.8	32.1	33.0	103.8	13.6	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
889	Y00G_012_012d	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	25.7	−1.8	10.5	10.6	99.7	0.125	0.125	0.0	31.8	−4.5	15.8	16.4	106.1	8.5	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
890	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8	0.0	0.1	0.1	74.0	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

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

1-0032930-F0

RE730-7N, Page 30/33-F

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

input: $rgb/cmyk \rightarrow rgb_d$
output: transfer to $cmyk_d$

1-0032930-F0

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 31/33

n	HIC*Fd	rgb_Fd			ict_Fd			hsi_F,d	rgb*Fd			LabCh*Fd					rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
891	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	-0.2	0.2	273.0	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
892	B50R_100_012d	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	90.2	8.8	-1.3	8.9	351.1	1.0	0.875	1.0	91.5	8.3	-3.4	9.0	337.6	2.4	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
893	B50R_100_025d	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	84.1	17.6	-2.7	17.8	351.1	1.0	0.75	1.0	85.9	16.6	-5.8	17.6	340.7	3.6	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
894	B50R_100_037d	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	78.0	26.4	-4.0	26.7	351.1	1.0	0.625	1.0	79.7	25.5	-7.5	26.6	343.4	3.9	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
895	B50R_100_050d	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	72.0	35.2	-5.4	35.6	351.1	1.0	0.5	1.0	73.7	34.3	-9.0	35.5	345.2	4.0	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
896	B50R_100_062d	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	65.9	44.0	-6.8	44.5	351.1	1.0	0.375	1.0	66.9	45.3	-10.4	46.4	347.0	3.9	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
897	B50R_100_075d	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	59.8	52.8	-8.1	53.4	351.1	1.0	0.25	1.0	59.7	54.9	-11.4	56.1	348.2	3.8	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
898	B50R_100_087d	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	53.7	61.6	-9.5	62.3	351.1	1.0	0.125	1.0	51.3	68.0	-10.7	68.8	351.0	6.9	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
899	B50R_100_100d	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1	1.0	0.0	1.0	46.9	70.2	-10.2	70.9	351.7	1.0	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
900	G00B_100_012d	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	91.1	-8.0	4.0	9.0	153.3	0.875	1.0	0.875	92.7	-8.0	7.2	10.8	138.0	3.6	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
901	NW_087d	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.9	0.2	-0.2	0.3	312.5	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
902	B50R_087_012d	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	80.2	8.8	-1.3	8.9	351.1	0.875	0.75	0.875	83.4	10.0	-5.8	11.5	329.8	5.6	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
903	B50R_087_025d	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	74.1	17.6	-2.7	17.8	351.1	0.875	0.625	0.875	77.2	19.4	-8.2	21.1	336.9	6.6	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
904	B50R_087_037d	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	68.0	26.4	-4.0	26.7	351.1	0.875	0.5	0.875	70.7	28.4	-10.6	30.4	339.4	7.3	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
905	B50R_087_050d	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	62.0	35.2	-5.4	35.6	351.1	0.875	0.375	0.875	64.3	38.1	-12.7	40.2	341.4	8.2	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
906	B50R_087_062d	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	55.9	44.0	-6.8	44.5	351.1	0.875	0.25	0.875	57.5	47.6	-13.8	49.6	343.8	8.0	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
907	B50R_087_075d	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	49.8	52.8	-8.1	53.4	351.1	0.875	0.125	0.875	49.9	59.6	-15.7	61.6	345.2	10.1	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
908	B50R_087_087d	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	43.7	61.6	-9.5	62.3	351.1	0.875	0.0	0.875	43.7	64.2	-13.3	65.6	348.2	4.6	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
909	G00B_100_025d	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	86.0	-16.1	8.1	18.1	153.3	0.75	1.0	0.75	88.6	-14.9	13.1	19.9	138.7	5.7	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
910	G00B_087_012d	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	81.1	-8.0	4.0	9.0	153.3	0.75	0.875	0.75	87.1	-10.6	9.1	14.0	139.5	8.2	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
911	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	78.7	0.2	-0.3	0.3	303.5	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
912	B50R_075_012d	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	70.2	8.8	-1.3	8.9	351.1	0.75	0.625	0.75	72.8	10.1	-6.4	11.9	327.5	5.8	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
913	B50R_075_025d	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	64.1	17.6	-2.7	17.8	351.1	0.75	0.5	0.75	66.5	19.6	-8.9	21.6	335.5	6.9	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
914	B50R_075_037d	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	58.0	26.4	-4.0	26.7	351.1	0.75	0.375	0.75	59.3	28.7	-10.4	30.6	340.0	6.9	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
915	B50R_075_050d	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.0	35.2	-5.4	35.6	351.1	0.75	0.25	0.75	52.7	39.3	-12.5	41.2	342.3	8.2	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
916	B50R_075_062d	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	45.9	44.0	-6.8	44.5	351.1	0.75	0.125	0.75	45.6	50.5	-12.7	52.1	345.8	8.8	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
917	B50R_075_075d	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	39.8	52.8	-8.1	53.4	351.1	0.75	0.0	0.75	38.7	57.7	-13.3	59.2	347.0	7.2	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
918	G00B_100_037d	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	80.9	-24.2	12.1	27.1	153.3	0.625	1.0	0.625	83.5	-20.9	16.0	26.4	142.5	5.7	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
919	G00B_087_025d	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	76.0	-16.1	8.1	18.1	153.3	0.625	0.875	0.625	82.3	-17.1	13.2	21.6	142.2	8.1	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
920	G00B_075_012d	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	71.1	-8.0	4.0	9.0	153.3	0.625	0.75	0.625	76.8	-10.3	6.0	11.9	149.7	6.3	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
921	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	68.7	0.2	-0.9	0.9	284.6	2.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
922	B50R_062_012d	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	60.2	8.8	-1.3	8.9	351.1	0.625	0.5	0.625	63.1	10.7	-7.2	12.9	326.2	6.8	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
923	B50R_062_025d	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	54.1	17.6	-2.7	17.8	351.1	0.625	0.375	0.625	55.7	20.3	-9.3	22.3	335.1	7.3	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
924	B50R_062_037d	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	48.1	26.4	-4.0	26.7	351.1	0.625	0.25	0.625	49.1	31.0	-11.5	33.1	339.6	8.8	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
925	B50R_062_050d	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	42.0	35.2	-5.4	35.6	351.1	0.625	0.125	0.625	41.8	41.5	-11.4	43.0	344.6	8.6	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
926	B50R_062_062d	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	35.9	44.0	-6.8	44.5	351.1	0.625	0.0	0.625	34.8	51.0	-11.4	52.3	347.3	8.5	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
927	G00B_100_050d	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	75.7	-32.3	16.2	36.2	153.3	0.5	1.0	0.5	77.5	-27.9	17.5	32.9	147.8	4.9	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
928	G00B_087_037d	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	70.9	-24.2	12.1	27.1	153.3	0.5	0.875	0.5	76.5	-26.1	15.3	30.3	149.6	6.7	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
929	G00B_075_025d	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	66.0	-16.1	8.1	18.1	153.3	0.5	0.75	0.5	72.0	-17.1	10.7	20.2	147.9	6.5	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
930	G00B_062_012d	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	61.1	-8.0	4.0	9.0	153.3	0.5	0.625	0.5	66.9	-10.3	4.9	11.4	154.1	6.2	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
931	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	57.8	0.1	-1.0	1.0	278.4	1.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
932	B50R_050_012d	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	50.2	8.8	-1.3	8.9	351.1	0.5	0.375	0.5	51.4	11.3	-7.5	13.5	326.2	6.7	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
933	B50R_050_025d	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	44.1	17.6	-2.7	17.8	351.1	0.5	0.25	0.5	45.3	22.2	-9.7	24.2	336.4	8.4	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
934	B50R_050_037d	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	38.1	26.4	-4.0	26.7	351.1	0.5	0.125	0.5	38.9	32.1	-9.7	33.5	343.0	8.1	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
935	B50R_050_050d	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.0	35.2	-5.4	35.6	351.1	0.5	0.0	0.5	31.9	42.0	-9.0	43.0	347.8	7.7	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
936	G00B_100_062d	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	70.6	-40.4	20.2	45.2	153.3	0.375	1.0	0.375	70.5	-37.5	22.9	44.0	148.5	3.9	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
937	G00B_087_050d	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	65.7	-32.3	16.2	36.2	153.3	0.375	0.875	0.375	71.7	-34.8	19.7	40.0	150.4	7.3	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
938	G00B_075_037d	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	60.9	-24.2	12.1	27.1	153.3	0.375	0.75	0.375	66.0	-26.1	14.4	29.8	151.0	5.8	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
939	G00B_062_025d	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	56.0	-16.1	8.1	18.1	153.3	0.375	0.625	0.375	60.5	-19.6	8.7	21.5	155.9	5.6	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
940	G00B_050_012d	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	51.2	-8.0	4.0	9.0	153.3	0.375	0.5	0.375	54.5	-10.3	4.1	11.1	158.0	4.0	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
941	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	47.0	0.0	-1.1	1.1	274.4	1.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
942	B50R_037_012d	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	40.2	8.8	-1.3	8.9	351.1	0.375	0.25	0.375	40.3	12.3	-7.3	14.4	329.2	7.0	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
943	B50R_037_025d	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	34.2	17.6	-2.7	17.8	351.1	0.375	0.125	0.375	35.5	23.4	-8.7	25.0	339.5	8.5	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
944	B50R_037_037d	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	28.1	26.4	-4.0	26.7	351.1	0.375	0.0	0.375	30.1	32.8	-8.3	33.8	345.8	7.9	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
945	G00B_100_075d	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	65.5	-48.5	24.3	54.3	153.3	0.25	1.0	0.25	64.1	-48.0	26.9	55.1	150.7	3.0	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
946	G00B_087_062d	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	60.6	-40.4	20.2	45.2	153.3	0.25	0.875	0.25	66.6	-44.3	25.5	51.2	150.0	8.8	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
947	G00B_075_050d	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	55.8	-32.3	16.2	36.2	153.3	0.25	0.75	0.25	60.1	-33.9	18.3	38.5	151.5	5.0	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
948	G00B_062_037d	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	50.9	-24.2	12.1	27.1	153.3	0.25	0.625	0.25	54.4	-28.3	13.3	31.3	154.7	5.5	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
949	G00B_050_025d	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	46.0	-16.1	8.1	18.1	153.3	0.25	0.5	0.25	48.5	-21.0	9.4	23.1	155.7	5.6	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
950	G00B_037_012d	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	41.2	-8.0	4.0	9.0	153.3	0.25	0.375	0.25	43.9	-11.5	4.3	12.2	159.4	4.3	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
951	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	34.9	0.0	-0.9	0.9	273.6	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
952	B50R_025_012d	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	30.2	8.8	-1.3	8.9	351.1	0.25	0.125	0.25	32.1	12.3	-6.1	13.8	333.6	6.2	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
953	B50R_025_025d	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	24.2	17.6	-2.7	17.8	351.1	0.25	0.0	0.25	28.7	21.1	-7.1	22.3	341.2	7.2	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
954	G00B_100_087d	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	60.3	-56.6	28.4	63.3	153.3	0.125	1.0	0.125	58.3	-58.5	31.2	66.4	151.9	4.0	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
955	G00B_087_075d	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	55.5	-48.5	24.3	54.3	153.3	0.125	0.875	0.125	60.7	-54.7	30.8	62.8	150.6	10.3	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
956	G00B_075_062d	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	50.6	-40.4	20.2	45.2	153.3	0.125	0.75	0.125	56.0	-42.5	22.9	48.3	151.6	6.3	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
957	G00B_062_050d	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	45.8	-32.3	16.2	36.2	153.3	0.125	0.625	0.125	50.8	-36.8	18.7	41.3	153.0	7.2	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
958	G00B_050_037d	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	40.9	-24.2	12.1	27.1	153.3	0.125	0.5	0.125	44.9	-29.5	13.4	32.4	155.6	6.7	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
959	G00B_037_025d	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	36.0	-16.1	8.1	18.1	153.3	0.125	0.375	0.125	39.3	-22.8	8.0	24.2	160.5	7.4	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
960	G00B_025_012d	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	31.2	-8.0	4.0	9.0	153.3	0.125	0.25	0.125	36.5	-11.2	5.2	12.4	154.9	6.3	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
961	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	22.6	0.0	-0.3	0.3	278.9	3.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
962	B50R_012_012d	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	20.2	8.8	-1.3	8.9	351.1	0.125	0.0	0.125	25.8	10.7	-3.7	11.3	340.6	6.3	330	1.0	0.0	1.0	47.7	70.4	-10.9	71.2	351.1
963	G00B_100_100d	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3	0.0	1.0	0.0	56.2	-63.4	34.4	72.2	151.4	2.5	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
964	G00B_087_087d	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	50.4	-56.6	28.4	63.3	153.3	0.0	0.875	0.0	53.3	-69.2	32.4	76.4	154.8	13.5	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
965	G00B_075_075d	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	45.5	-48.5	24.3	54.3	153.3	0.0	0.75	0.0	51.4	-70.2	30.8	76.7	156.3	23.4	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
966	G00B_062_062d	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	40.6	-40.4	20.2	45.2	153.3	0.0	0.625	0.0	48.0	-66.7	29.2	72.9	156.3	28.7	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
967	G00B_050_050d	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	35.8	-32.3	16.2	36.2	153.3	0.0	0.5	0.0	43.8	-58.7	24.2	63.5	157.5	28.7	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
968	G00B_037_037d	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	30.9	-24.2	12.1	27.1	153.3	0.0	0.375	0.0	39.0	-35.8	14.3	38.6	158.2	14.3	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
969	G00B_025_025d	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	26.0	-16.1	8.1	18.1	153.3	0.0	0.25	0.0	34.1	-22.4	7.4	23.6	161.5	10.2	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
970	G00B_012_012d	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	21.2	-8.0	4.0	9.0	153.3	0.0	0.125	0.0	30.2	-8.7	5.5	10.3	147.8	9.1	149	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3
971	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	0.0	-0.1	0.1	283.3	0.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta $E^{*\prime}$ = **6.8**

1−0033030−F0 RE730−7N, Page 31/33−F

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

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

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 32/33

n	HIC*Fd	rgb_Fd			ict_Fd			hsi_F,d	rgb*Fd			LabCh*Fd					rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
972	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	0.0	0.0	0.0	111.1	1.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
973	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	20.7	0.0	−0.5	0.5	261.0	5.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
974	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	35.4	0.0	−1.2	1.2	268.4	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
975	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	46.8	0.0	−0.9	0.9	271.7	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
976	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	58.7	0.1	−1.1	1.1	276.3	2.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
977	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.9	0.0	−0.9	0.9	275.2	3.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
978	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	79.7	0.1	−0.4	0.5	292.0	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
979	NW_087d	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.9	0.1	−0.1	0.1	325.5	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
980	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.3	0.3	283.1	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
981	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.4	0.0	0.0	0.0	218.8	2.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
982	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	19.6	0.0	−0.6	0.6	266.0	6.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
983	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	34.5	0.0	−1.2	1.2	270.3	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
984	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	46.1	0.1	−1.1	1.1	276.0	1.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
985	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	57.9	0.1	−1.1	1.1	279.2	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
986	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.4	0.2	−1.0	1.0	282.1	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
987	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	79.4	0.2	−0.5	0.6	293.1	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
988	NW_087d	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.9	0.2	−0.2	0.3	310.2	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
989	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.1	−0.4	0.4	285.7	0.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
990	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.1	119.9	3.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
991	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	19.3	0.0	−0.6	0.6	268.2	7.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
992	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	33.7	0.0	−0.9	0.9	270.0	2.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
993	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	46.3	0.1	−1.0	1.0	278.2	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
994	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	57.6	0.1	−0.8	0.9	280.8	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
995	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.4	0.2	−0.9	0.9	283.6	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
996	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	79.7	0.2	−0.3	0.4	302.7	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
997	NW_087d	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	90.1	0.2	−0.3	0.3	309.8	3.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
998	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.2	0.2	273.8	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
999	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9	0.0	0.1	0.1	116.8	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1000	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	19.0	0.0	−0.4	0.4	257.1	7.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1001	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	33.9	0.0	−0.9	0.9	267.5	2.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1002	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	46.2	0.0	−0.8	0.8	273.3	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1003	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	56.9	0.1	−0.7	0.7	282.7	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1004	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	68.6	0.1	−0.6	0.6	283.9	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1005	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	79.1	0.2	−0.2	0.3	310.0	2.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1006	NW_087d	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	90.0	0.1	0.0	0.1	9.4	3.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1007	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.1	0.1	272.3	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1008	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9	0.0	0.0	0.0	144.8	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1009	NW_006d	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.6	0.0	0.0	0.0	0.0	0.066	0.066	0.066	16.5	0.0	−0.1	0.1	268.5	5.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1010	NW_013d	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	27.0	0.0	0.0	0.0	0.0	0.133	0.133	0.133	23.4	0.0	−0.8	0.8	269.7	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1011	NW_020d	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	32.3	0.0	0.0	0.0	0.0	0.2	0.2	0.2	31.2	0.0	−1.0	1.0	268.3	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1012	NW_026d	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.6	0.0	0.0	0.0	0.0	0.266	0.266	0.266	39.3	0.0	−1.2	1.2	271.6	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1013	NW_033d	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.9	0.0	0.0	0.0	0.0	0.333	0.333	0.333	44.2	0.0	−1.0	1.0	274.0	1.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1014	NW_040d	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.3	0.0	0.0	0.0	0.0	0.4	0.4	0.4	50.5	0.1	−1.1	1.1	275.6	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1015	NW_046d	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.6	0.0	0.0	0.0	0.0	0.466	0.466	0.466	55.4	0.1	−0.9	0.9	277.8	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1016	NW_053d	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.9	0.0	0.0	0.0	0.0	0.533	0.533	0.533	61.5	0.1	−0.9	0.9	279.0	2.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1017	NW_060d	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.3	0.0	0.0	0.0	0.0	0.6	0.6	0.6	67.7	0.1	−0.7	0.8	280.8	3.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1018	NW_066d	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.6	0.0	0.0	0.0	0.0	0.666	0.666	0.666	72.8	0.1	−0.6	0.7	284.3	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1019	NW_073d	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.0	0.0	0.0	0.0	0.0	0.734	0.734	0.734	78.2	0.1	−0.3	0.4	296.9	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1020	NW_080d	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.3	0.0	0.0	0.0	0.0	0.8	0.8	0.8	82.6	0.2	−0.1	0.2	327.3	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1021	NW_086d	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.866	0.866	0.866	88.0	0.1	0.0	0.1	340.9	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1022	NW_093d	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.933	0.933	0.933	93.0	0.0	0.0	0.1	321.2	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1023	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−0.1	0.1	253.3	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1024	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	0.0	0.0	0.0	67.5	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1025	NW_006d	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.6	0.0	0.0	0.0	0.0	0.066	0.066	0.066	16.7	0.0	−0.1	0.1	298.2	4.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1026	NW_013d	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	27.0	0.0	0.0	0.0	0.0	0.133	0.133	0.133	23.3	0.0	−0.7	0.7	270.9	3.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1027	NW_020d	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	32.3	0.0	0.0	0.0	0.0	0.2	0.2	0.2	30.6	0.0	−1.1	1.1	270.3	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1028	NW_026d	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.6	0.0	0.0	0.0	0.0	0.266	0.266	0.266	38.8	0.0	−1.2	1.2	272.4	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1029	NW_033d	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.9	0.0	0.0	0.0	0.0	0.333	0.333	0.333	43.7	0.1	−1.0	1.0	277.8	1.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1030	NW_040d	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.3	0.0	0.0	0.0	0.0	0.4	0.4	0.4	50.1	0.1	−0.9	0.9	279.4	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1031	NW_046d	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.6	0.0	0.0	0.0	0.0	0.466	0.466	0.466	54.8	0.1	−0.9	0.9	281.9	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1032	NW_053d	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.9	0.0	0.0	0.0	0.0	0.533	0.533	0.533	61.4	0.2	−0.9	0.9	283.0	2.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1033	NW_060d	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.3	0.0	0.0	0.0	0.0	0.6	0.6	0.6	67.1	0.2	−0.9	0.9	284.9	2.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1034	NW_066d	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.6	0.0	0.0	0.0	0.0	0.666	0.666	0.666	72.2	0.2	−0.6	0.6	289.8	2.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1035	NW_073d	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.0	0.0	0.0	0.0	0.0	0.734	0.734	0.734	77.6	0.2	−0.4	0.5	298.2	2.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1036	NW_080d	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.3	0.0	0.0	0.0	0.0	0.8	0.8	0.8	82.6	0.2	−0.1	0.3	324.4	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1037	NW_086d	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.866	0.866	0.866	88.0	0.2	−0.2	0.3	320.4	2.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1038	NW_093d	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.933	0.933	0.933	93.0	0.1	−0.2	0.3	305.1	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1039	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.3	0.3	278.8	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1040	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.1	0.1	61.0	4.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1041	NW_006d	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.6	0.0	0.0	0.0	0.0	0.066	0.066	0.066	15.9	0.1	−0.1	0.1	317.6	5.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1042	NW_013d	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	27.0	0.0	0.0	0.0	0.0	0.133	0.133	0.133	22.8	0.0	−0.7	0.7	273.7	4.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1043	NW_020d	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	32.3	0.0	0.0	0.0	0.0	0.2	0.2	0.2	30.1	0.0	−0.8	0.8	273.5	2.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1044	NW_026d	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.6	0.0	0.0	0.0	0.0	0.266	0.266	0.266	38.5	0.1	−1.0	1.0	276.4	1.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1045	NW_033d	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.9	0.0	0.0	0.0	0.0	0.333	0.333	0.333	43.0	0.1	−0.9	0.9	276.8	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1046	NW_040d	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.3	0.0	0.0	0.0	0.0	0.4	0.4	0.4	49.8	0.2	−0.9	0.9	284.1	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1047	NW_046d	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.6	0.0	0.0	0.0	0.0	0.466	0.466	0.466	54.5	0.1	−0.7	0.7	283.9	1.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1048	NW_053d	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.9	0.0	0.0	0.0	0.0	0.533	0.533	0.533	60.7	0.2	−0.9	0.9	285.1	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1049	NW_060d	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.3	0.0	0.0	0.0	0.0	0.6	0.6	0.6	66.5	0.1	−0.6	0.6	286.3	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1050	NW_066d	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.6	0.0	0.0	0.0	0.0	0.666	0.666	0.666	71.9	0.2	−0.6	0.7	290.9	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1051	NW_073d	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.0	0.0	0.0	0.0	0.0	0.734	0.734	0.734	77.4	0.2	−0.2	0.3	307.9	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1052	NW_080d	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.3	0.0	0.0	0.0	0.0	0.8	0.8	0.8	82.1	0.3	−0.2	0.4	322.8	1.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta $E^{*\prime}$ = 2.6**

1−0033130−F0 RE730−7N, Page 32/33−F

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

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

1−0033130−F0

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

n	HIC*$_{Fd}$	*rgb*$_{Fd}$			*ict*$_{Fd}$			$h_{si\_F,d}$	*rgb**$_{Fd}$			*LabCh**$_{Fd}$				*rgb*'*$_{Fd}$			*LabCh*'*$_{Fd}$					*DE*'*$_{Fd}$	$h_{siM,d}$	*rgb**$_{Md}$			*LabCh**$_{Md}$			
1053	NW_086$_d$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.866	0.866	0.866	87.5	0.1	0.0	0.1	14.3	1.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1054	NW_093$_d$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.933	0.933	0.933	92.9	0.2	−0.3	0.3	304.0	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1055	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−0.1	0.1	245.9	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1056	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	11.5	0.0	0.2	0.2	82.0	4.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1057	NW_006$_d$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.6	0.0	0.0	0.0	0.066	0.066	0.066	14.8	0.0	0.1	0.1	78.2	6.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1058	NW_013$_d$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	27.0	0.0	0.0	0.0	0.133	0.133	0.133	21.9	0.0	−0.4	0.4	270.8	5.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1059	NW_020$_d$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	32.3	0.0	0.0	0.0	0.2	0.2	0.2	29.5	0.0	−0.8	0.8	274.4	2.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1060	NW_026$_d$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.6	0.0	0.0	0.0	0.266	0.266	0.266	38.1	0.0	−0.8	0.8	274.0	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1061	NW_033$_d$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.9	0.0	0.0	0.0	0.333	0.333	0.333	42.6	0.1	−0.8	0.8	278.2	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1062	NW_040$_d$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.3	0.0	0.0	0.0	0.4	0.4	0.4	49.3	0.1	−0.7	0.7	278.3	1.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1063	NW_046$_d$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.6	0.0	0.0	0.0	0.466	0.466	0.466	54.1	0.1	−0.6	0.7	286.3	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1064	NW_053$_d$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.9	0.0	0.0	0.0	0.533	0.533	0.533	61.0	0.1	−0.6	0.6	282.7	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1065	NW_060$_d$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.3	0.0	0.0	0.0	0.6	0.6	0.6	66.4	0.1	−0.6	0.6	286.2	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1066	NW_066$_d$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.6	0.0	0.0	0.0	0.666	0.666	0.666	71.9	0.1	−0.4	0.4	288.3	2.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1067	NW_073$_d$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.0	0.0	0.0	0.0	0.734	0.734	0.734	77.2	0.2	−0.2	0.3	314.2	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1068	NW_080$_d$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.3	0.0	0.0	0.0	0.8	0.8	0.8	81.8	0.2	0.0	0.2	15.2	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1069	NW_086$_d$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.866	0.866	0.866	87.6	0.1	0.0	0.1	2.0	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1070	NW_093$_d$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.933	0.933	0.933	92.7	0.0	0.1	0.1	70.4	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1071	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	0.0	0.1	282.1	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1072	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	14.6	0.0	0.0	0.0	39.8	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1073	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	109.2	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1074	R00Y_100_100$_d$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	46.1	58.9	40.3	71.4	34.3	1.2	389	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7
1075	G50B_100_100$_d$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	0.0	1.0	1.0	53.0	−32.8	−40.1	51.8	230.6	0.3	210	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7
1076	Y00G_100_100$_d$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	1.0	1.0	0.0	91.2	−14.6	87.8	89.0	99.4	3.7	89	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7
1077	B00R_100_100$_d$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	0.0	0.0	1.0	31.6	22.5	−44.6	50.0	296.8	2.4	270	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6
1078	G00B_100_100$_d$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	1.0	0.0	54.7	−66.4	34.5	74.8	152.5	2.6	149	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3
1079	B50R_100_100$_d$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	1.0	0.0	1.0	46.8	71.8	−11.8	72.7	350.5	1.9	330	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1

Mean color difference of this page: delta *E' = *2.1***

1−0033230−F0

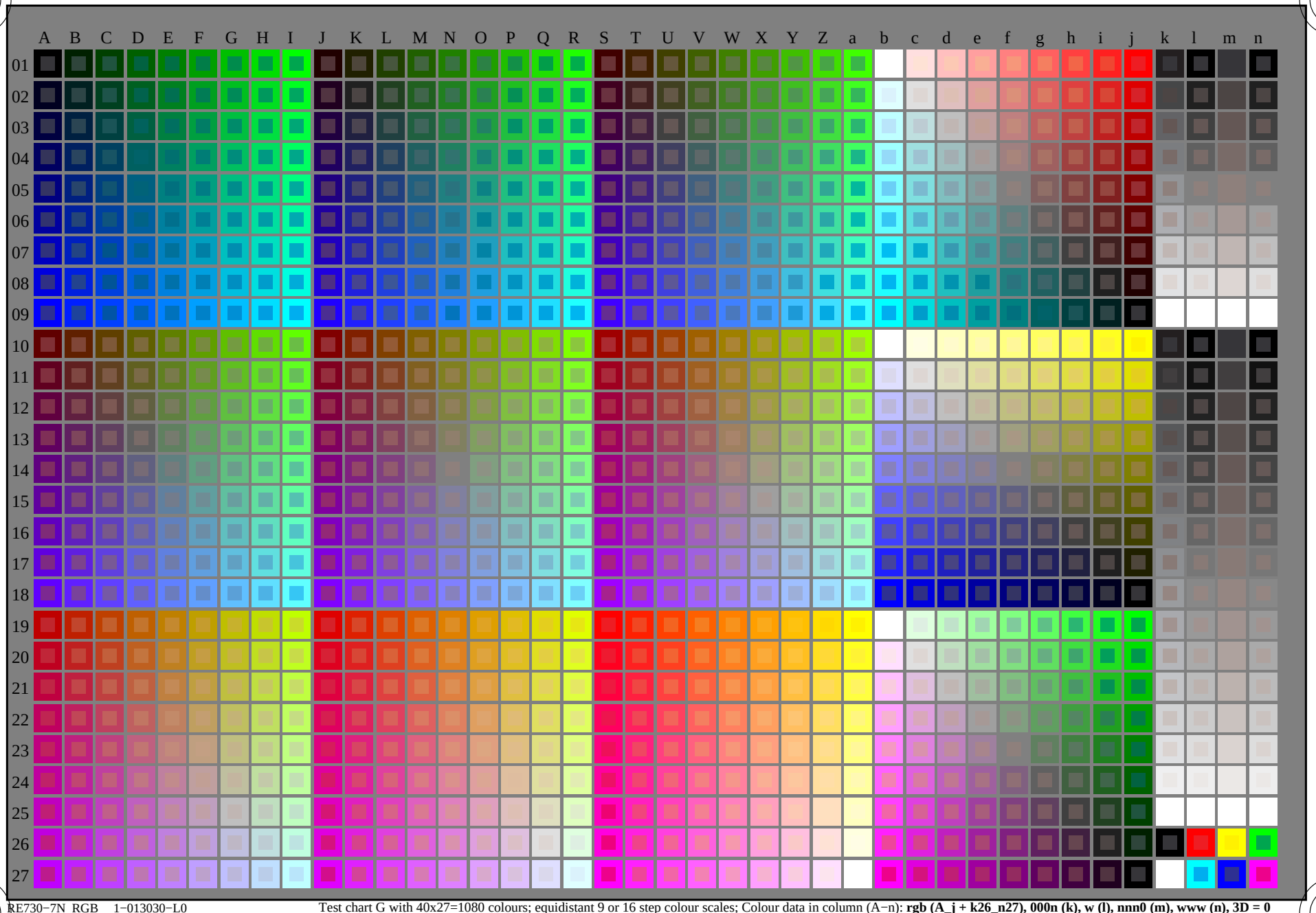
RE730−7N, Page 33/33−F

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

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

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

1−0033230−F0



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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output

TUB material: code=rha4ta

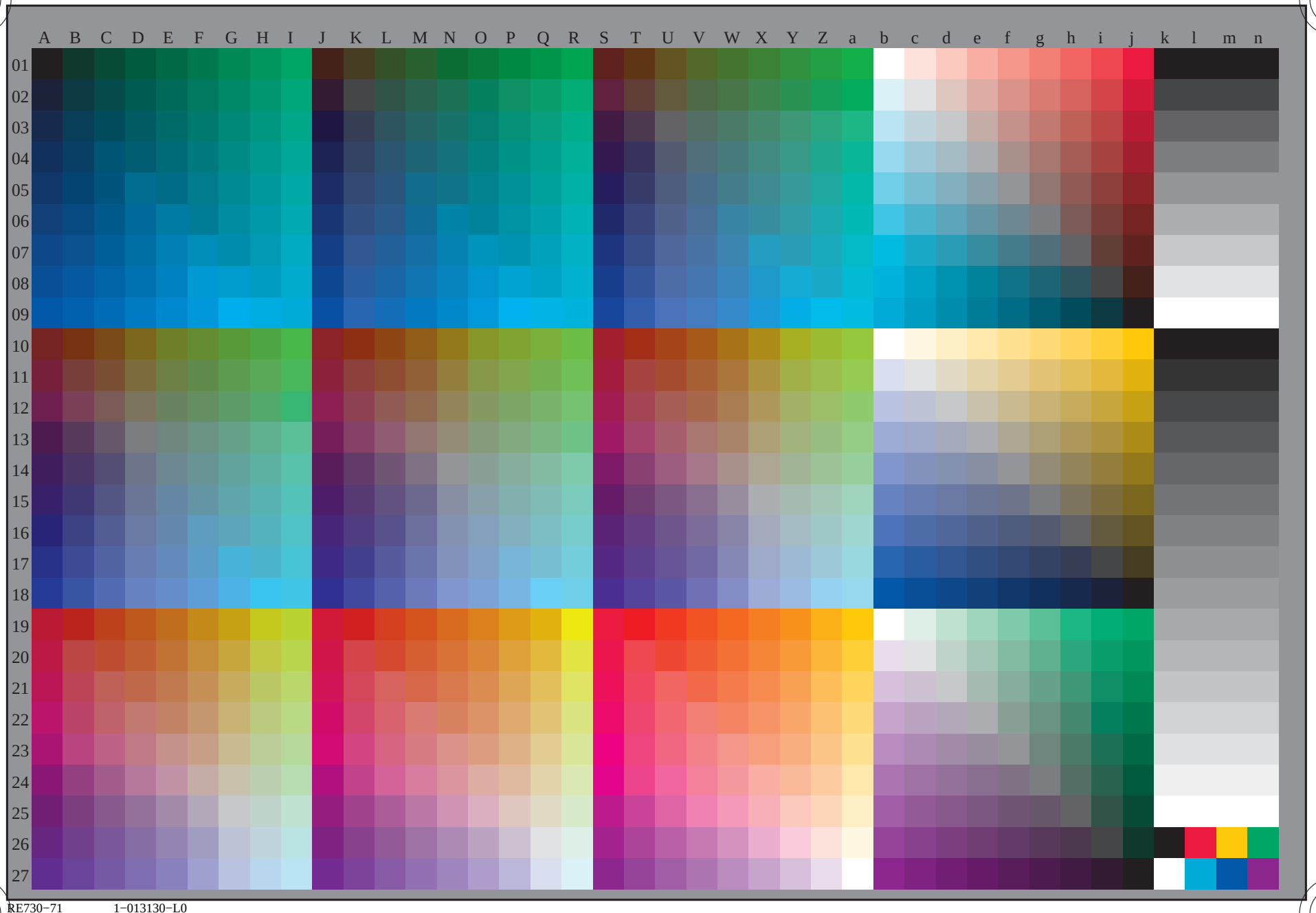
RE730−7N_RGB 1−013030−L0

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

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

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

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 2/33



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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

RE730−71 1−013130−L0

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

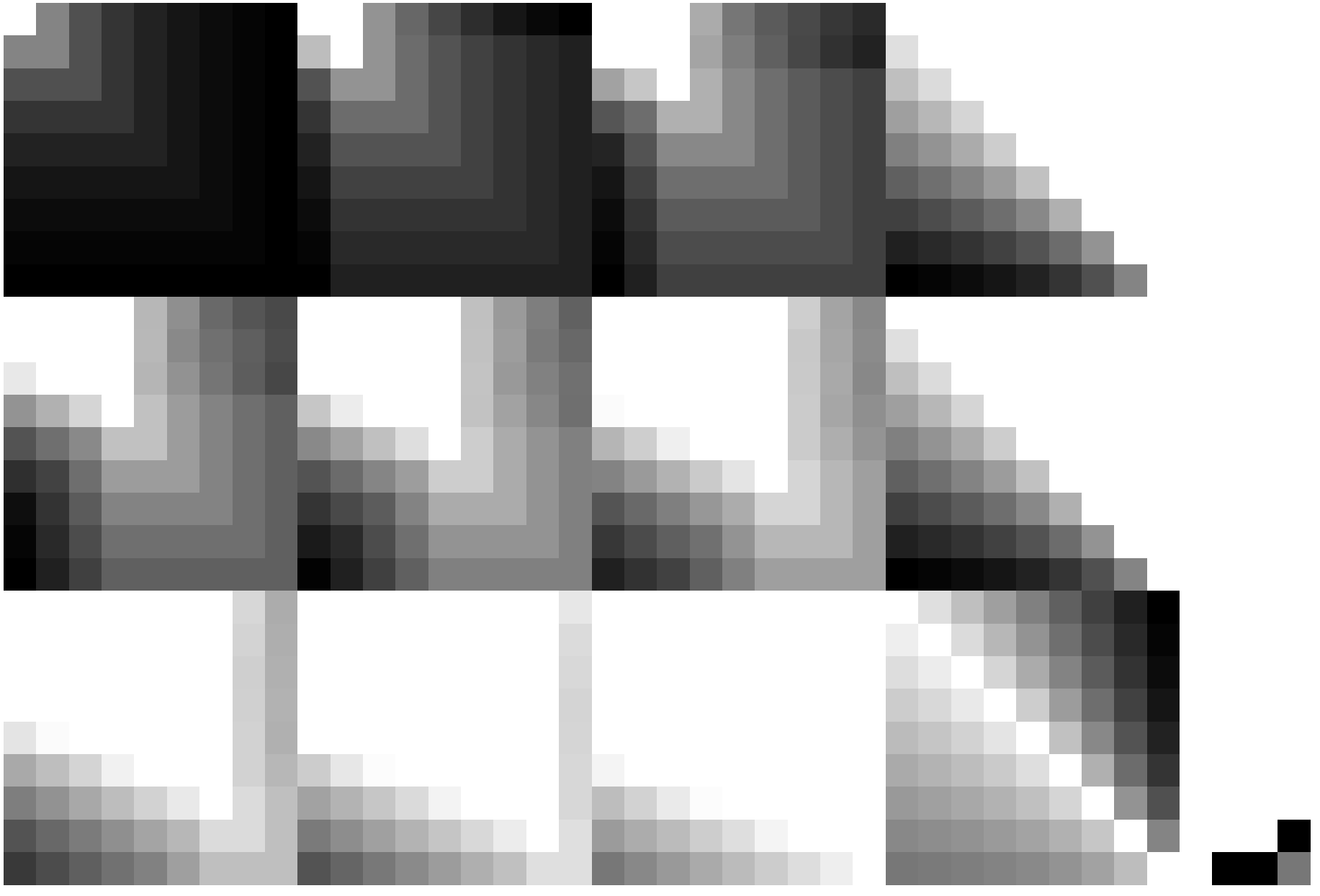
input: *rgb/cmyk* −> rgb_e
output: transfer to $cmyk_e$

1−013130−F0

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

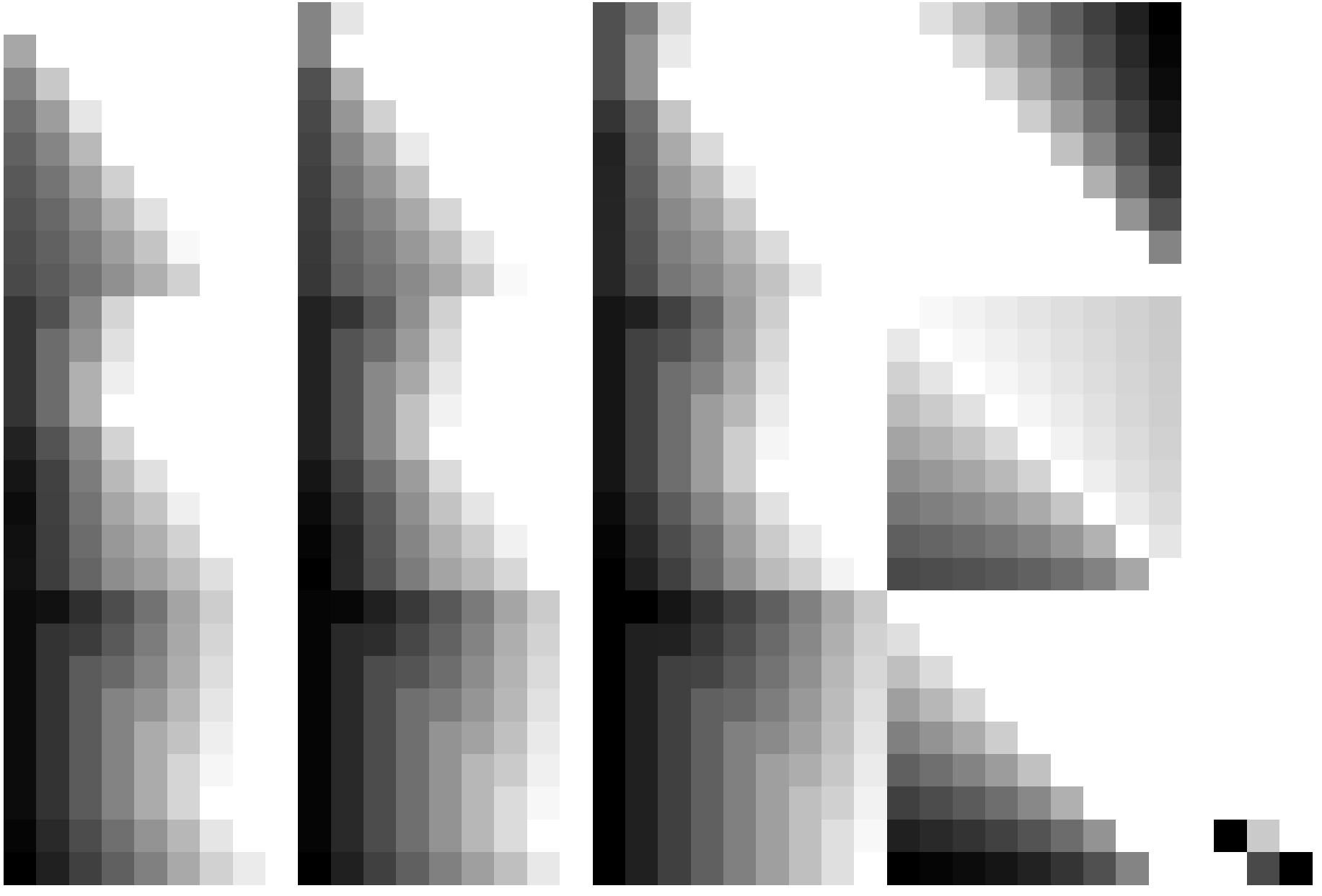
TUB material: code=rha4ta



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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta



see similar files: http://130.149.60.45/~farbmetrik/RE73/RE73.HTM
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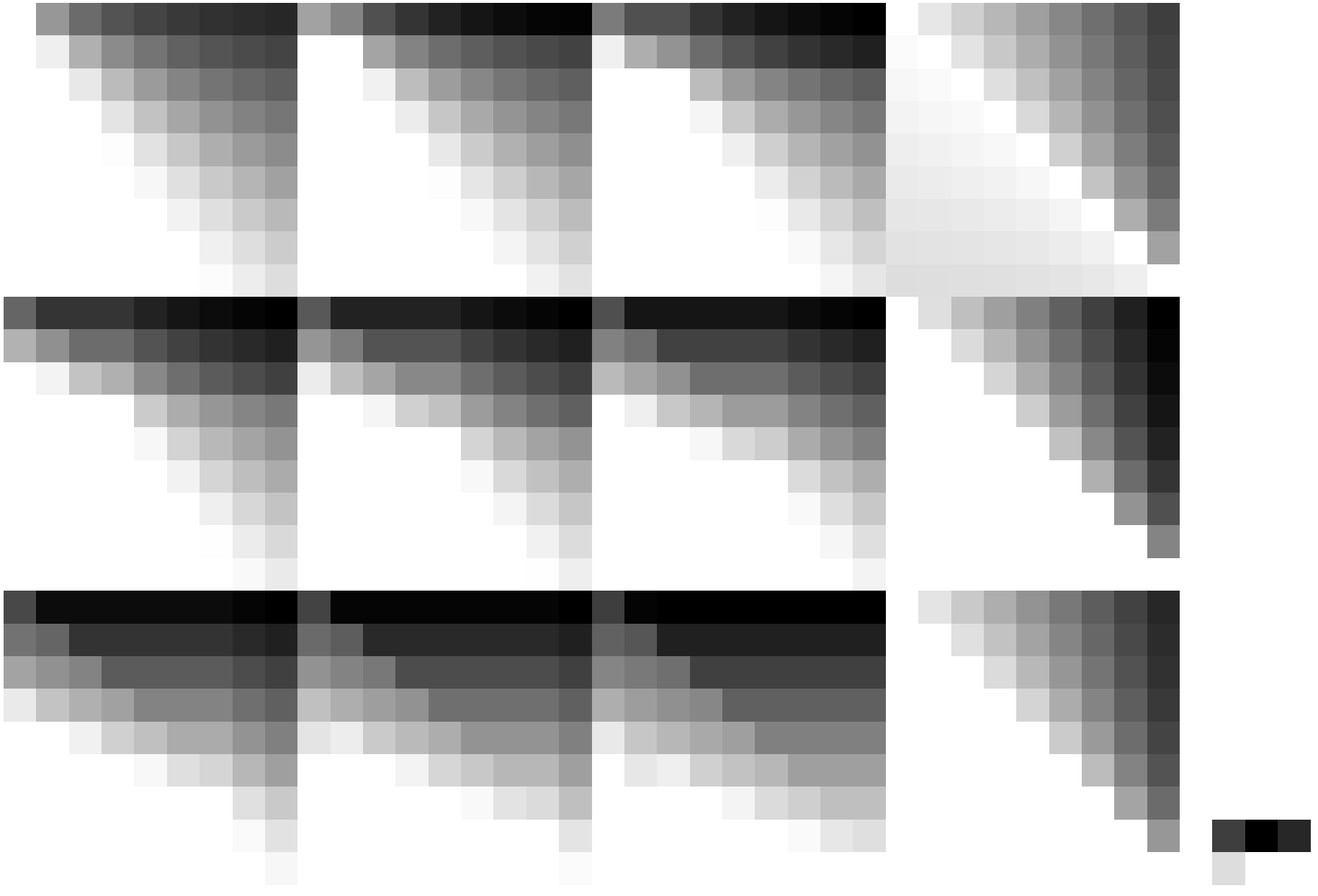
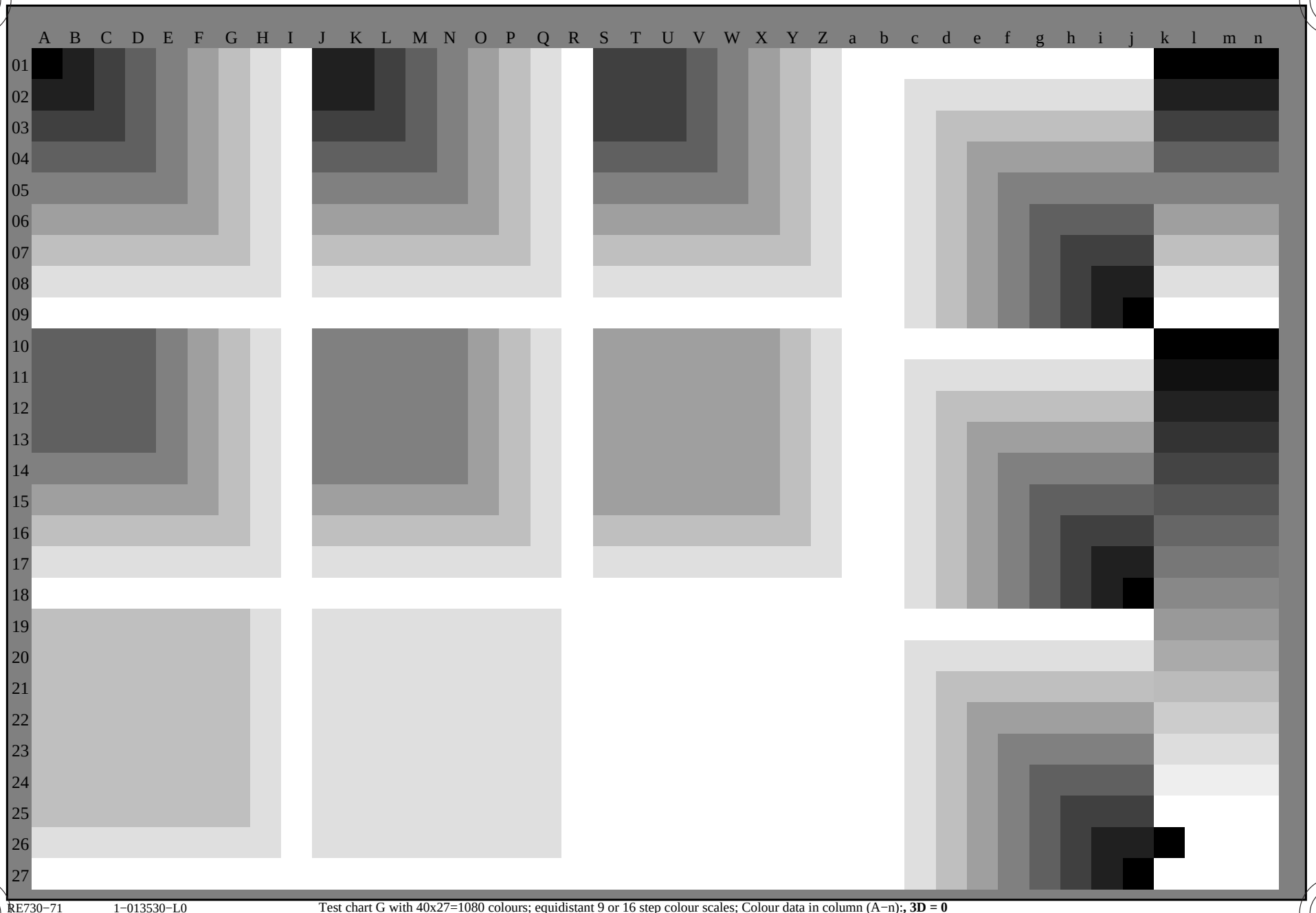
TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta





RE730−71 1−013530−L0 Test chart G with 40x27=1080 colours; equidistant 9 or 16 step colour scales; Colour data in column (A−n):, **3D = 0**

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

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

1−013530−F0

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

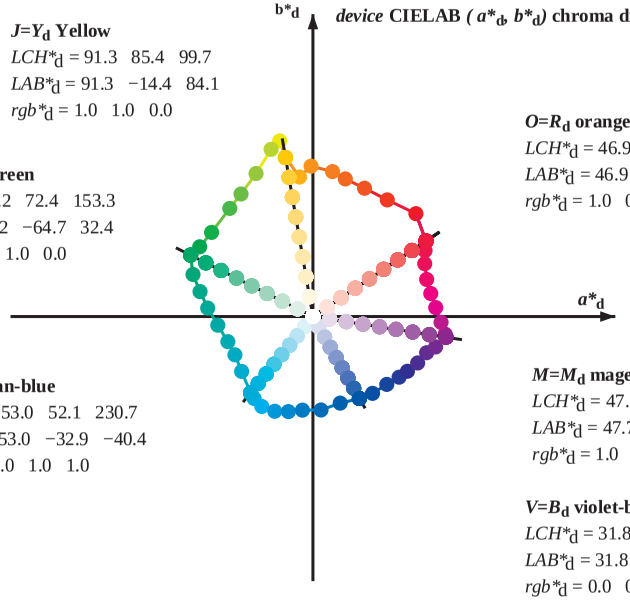
TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

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



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

***J*=*Y*$_d$ Yellow**
LCH^*_d = 91.3 85.4 99.7
LAB^*_d = 91.3 −14.4 84.1
rgb^*_d = 1.0 1.0 0.0

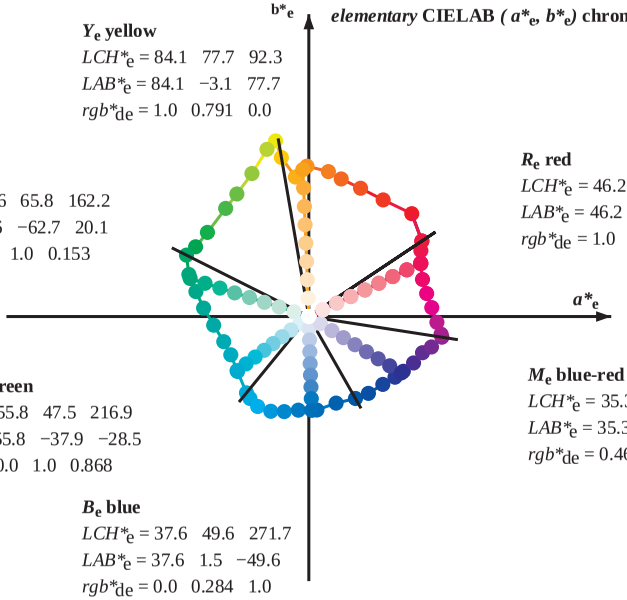
***O*=*R*$_d$ orange-red**
LCH^*_d = 46.9 71.9 33.7
LAB^*_d = 46.9 59.8 39.9
rgb^*_d = 1.0 0.0 0.0

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

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

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

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



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

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

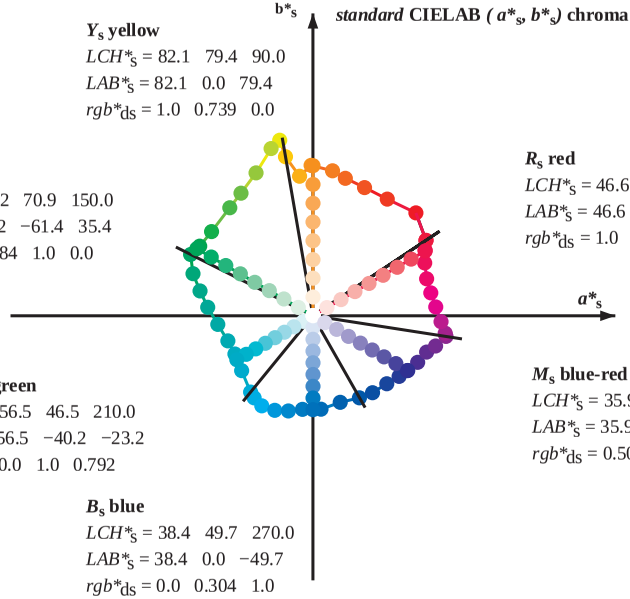
***G*$_e$ green**
LCH^*_e = 54.6 65.8 162.2
LAB^*_e = 54.6 −62.7 20.1
rgb^*_{de} = 0.0 1.0 0.153

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

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

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

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



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

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

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

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

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

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

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

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

1. For the rgb^*_e-input values the CIELAB data LCH^*_d and LAB^*_d have been calculated.
2. For the calculation of the standard hue angle $h_{ab,s}$ use for any device values rgb^*_d the equation:

$$h_{ab,s} = atan\ [\ r^*_d\ cos(30) + g^*_d\ cos(150)\ ]\ /\ [\ r^*_d\ sin(30) + g^*_d\ sin(150) + b^*_d\ sin(270)\ ] \quad (1)$$

3. For the 48 or 360 equally spaced standard hue angles $h_{ab,s}$ of the colours of maximum chroma use the seven hue angles of the 60 degree colours *s*: $h_{ab,si}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0 (i=0,6) and the equations for a 48 and 360 step hue circle:

$$h_{48ab,sij} = h_{ab,si} + j\ [h_{ab,si+1} - h_{ab,si}\ ]\ /8\ (\ i = 0, 1, ..., 5;\ j = 0, 1, ..., 7) \quad (2)$$

$$h_{360ab,sij} = h_{ab,si} + j\ [h_{ab,si+1} - h_{ab,si}\ ]\ /60\ (\ i = 0, 1, ..., 5;\ j = 0, 1, ..., 59) \quad (3)$$

4. For the 48 or 360 elementary hue angles $h_{ab,e}$ of the colours of maximum chroma use the seven hue angles of the elementary colours *e*: $h_{ab,ei}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5 (i=0,6) and the equations for a 48 and 360 step elementary hue circle:

$$h_{48ab,eij} = h_{ab,ei} + j\ [h_{ab,ei+1} - h_{ab,ei}\ ]\ /8\ (\ i = 0, 1, ..., 5;\ j = 0, 1, ..., 7) \quad (4)$$

$$h_{360ab,eij} = h_{ab,ei} + j\ [h_{ab,ei+1} - h_{ab,ei}\ ]\ /60\ (\ i = 0, 1, ..., 5;\ j = 0, 1, ..., 59) \quad (5)$$

5. For any elementary hue angle $h_{ab,e}$ there is a well defined device hue angle $h_{ab,d}$ see the following tables, columns 1 to 5 or 1 to 4.
6. The values rgb^*_{de} produce the output of the device-independent elementary hues

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd64M			*LAB** ddx64M (x=LabCh)					*rgb** ddx361M			*LAB** ddx361M (x=LabCh)					*rgb** dsx361M			*LAB** dsx361M (x=LabCh)					*rgb** dex361M			*LAB** dex361M					rgb*$_{dd}$	*rgb**$_{ds}$	*rgb**$_{de}$
33.7	30.0	25.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	1.0	0.0	0.0	47.0	59.8	39.9	71.9	33	1.0	0.0	0.136	46.6	59.4	34.3	68.6	30	1.0	0.0	0.245	46.3	59.2	28.2	65.6	25			
44.9	37.5	33.8	1.0	0.125	0.0	52.8	54.4	54.4	77.0	44.9	1.0	0.117	0.0	52.5	55.0	53.5	76.7	44	1.0	0.036	0.0	48.7	58.6	44.2	73.4	37	1.0	0.0	0.017	46.9	59.8	39.2	71.5	33			
57.4	45.0	42.1	1.0	0.25	0.0	60.3	39.3	61.7	73.2	57.4	1.0	0.25	0.0	60.4	39.4	61.7	73.2	57	1.0	0.125	0.0	52.9	54.5	54.5	77.0	45	1.0	0.094	0.0	51.4	56.1	50.9	75.8	42			
68.0	52.5	50.5	1.0	0.375	0.0	66.7	27.3	67.8	73.1	68.0	1.0	0.367	0.0	66.3	28.2	67.5	73.2	67	1.0	0.195	0.0	57.1	46.1	59.0	74.9	52	1.0	0.175	0.0	55.9	48.5	57.8	75.5	49			
76.7	60.0	58.8	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7	1.0	0.5	0.0	72.2	17.2	72.8	74.8	76	1.0	0.28	0.0	61.9	36.6	63.4	73.2	60	1.0	0.267	0.0	61.2	37.8	62.7	73.2	58			
82.3	67.5	67.2	1.0	0.625	0.0	76.0	10.3	76.7	77.4	82.3	1.0	0.617	0.0	75.8	10.8	76.5	77.2	81	1.0	0.363	0.0	66.1	28.6	67.4	73.2	67	1.0	0.359	0.0	65.9	29.0	67.2	73.2	66			
90.7	75.0	75.6	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	90.7	1.0	0.75	0.0	82.8	−0.9	79.6	79.6	−269	1.0	0.475	0.0	71.1	19.3	71.9	74.5	75	1.0	0.484	0.0	71.5	18.5	72.2	74.6	75			
95.4	82.5	83.9	1.0	0.875	0.0	86.9	−7.0	73.8	74.1	95.4	1.0	0.867	0.0	86.7	−6.6	74.2	74.5	95	1.0	0.618	0.0	75.8	10.8	76.5	77.3	82	1.0	0.641	0.0	76.9	8.9	77.2	77.7	83			
99.7	90.0	92.3	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	1.0	1.0	0.0	91.3	−14.4	84.2	85.4	99	1.0	0.739	0.0	82.2	0.0	79.4	79.4	90	1.0	0.792	0.0	84.2	−3.0	77.7	77.8	92			
100.7	97.5	101.0	0.875	1.0	0.0	92.9	−17.5	92.9	94.5	100.7	0.883	1.0	0.0	92.9	−17.3	92.4	94.0	100	1.0	0.92	0.0	88.5	−9.4	77.6	78.2	97	0.907	1.0	0.0	92.6	−16.7	90.7	92.2	100			
104.0	105.0	109.7	0.75	1.0	0.0	89.2	−22.0	88.4	91.1	104.0	0.75	1.0	0.0	89.3	−22.0	88.5	91.2	104	0.734	1.0	0.0	88.3	−23.2	86.9	89.9	105	0.656	1.0	0.0	83.3	−28.3	78.9	83.8	109			
111.6	112.5	118.5	0.625	1.0	0.0	81.2	−30.0	75.6	81.4	111.6	0.633	1.0	0.0	81.8	−29.5	76.5	82.1	111	0.62	1.0	0.0	81.0	−30.3	75.3	81.2	112	0.535	1.0	0.0	76.1	−36.0	68.0	77.0	117			
120.4	120.0	127.2	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4	0.5	1.0	0.0	74.0	−38.0	64.9	75.2	120	0.506	1.0	0.0	74.3	−37.7	65.4	75.5	120	0.38	1.0	0.0	69.6	−43.7	57.5	72.3	127			
127.5	127.5	136.0	0.375	1.0	0.0	69.3	−44.0	57.2	72.1	127.5	0.383	1.0	0.0	69.7	−43.5	57.7	72.4	127	0.385	1.0	0.0	69.7	−43.5	57.8	72.4	127	0.298	1.0	0.0	64.9	−50.2	49.6	70.7	135			
140.2	135.0	144.7	0.25	1.0	0.0	62.2	−53.6	44.5	69.7	140.2	0.25	1.0	0.0	62.2	−53.5	44.6	69.7	140	0.302	1.0	0.0	65.2	−49.9	50.0	70.7	135	0.181	1.0	0.0	60.0	−57.1	40.4	70.0	144			
148.3	142.5	153.4	0.125	1.0	0.0	58.1	−59.8	36.8	70.3	148.3	0.133	1.0	0.0	58.4	−59.4	37.4	70.3	147	0.223	1.0	0.0	61.4	−54.9	43.0	69.8	142	0.011	1.0	0.0	55.5	−64.2	32.9	72.2	152			
153.3	150.0	162.2	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	0.0	1.0	0.0	55.3	−64.6	32.5	72.4	153	0.084	1.0	0.0	57.2	−61.4	35.5	71.0	150	0.0	1.0	0.153	54.7	−62.6	20.1	65.9	162			
160.6	157.5	169.0	0.0	1.0	0.125	54.5	−63.4	22.2	67.2	160.6	0.0	1.0	0.117	54.6	−63.5	22.9	67.6	160	0.0	1.0	0.062	54.9	−64.2	27.3	69.9	157	0.0	1.0	0.267	55.1	−59.2	11.9	60.4	168			
167.5	165.0	175.9	0.0	1.0	0.25	54.9	−59.7	13.1	61.1	167.5	0.0	1.0	0.25	55.0	−59.6	13.1	61.1	167	0.0	1.0	0.203	54.8	−61.2	16.4	63.4	165	0.0	1.0	0.382	55.6	−55.3	4.0	55.5	175			
175.3	172.5	182.7	0.0	1.0	0.375	55.5	−55.6	4.5	55.8	175.3	0.0	1.0	0.367	55.5	−55.8	5.0	56.2	174	0.0	1.0	0.321	55.3	−57.5	8.1	58.1	172	0.0	1.0	0.463	56.3	−51.9	−2.0	52.1	182			
185.1	180.0	189.6	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1	0.0	1.0	0.5	56.6	−50.2	−4.4	50.5	185	0.0	1.0	0.434	56.0	−53.2	0.0	53.3	180	0.0	1.0	0.549	56.8	−48.3	−8.1	49.1	189			
196.4	187.5	196.4	0.0	1.0	0.625	57.0	−45.0	−13.2	46.9	196.4	0.0	1.0	0.617	57.1	−45.3	−12.7	47.2	195	0.0	1.0	0.52	56.7	−49.5	−6.0	50.0	187	0.0	1.0	0.62	57.1	−45.2	−12.9	47.1	195			
206.0	195.0	203.2	0.0	1.0	0.75	56.9	−41.2	−20.2	45.9	206.0	0.0	1.0	0.75	56.9	−41.2	−20.1	46.0	206	0.0	1.0	0.609	57.0	−45.7	−12.2	47.4	195	0.0	1.0	0.714	57.0	−42.4	−18.2	46.3	203			
217.5	202.5	210.1	0.0	1.0	0.875	55.8	−37.7	−29.0	47.6	217.5	0.0	1.0	0.867	55.9	−37.9	−28.4	47.5	216	0.0	1.0	0.697	57.0	−42.9	−17.3	46.4	202	0.0	1.0	0.789	56.6	−40.3	−22.9	46.5	209			
230.7	210.0	216.9	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	0.0	1.0	1.0	53.0	−32.9	−40.3	52.2	230	0.0	1.0	0.792	56.6	−40.2	−23.2	46.5	210	0.0	1.0	0.868	55.9	−37.9	−28.5	47.5	216			
234.3	217.5	223.8	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3	0.0	0.883	1.0	52.6	−31.2	−43.1	53.3	234	0.0	1.0	0.869	55.9	−37.9	−28.5	47.5	217	0.0	1.0	0.93	54.6	−36.0	−34.0	49.6	223			
240.4	225.0	230.6	0.0	0.75	1.0	52.6	−27.0	−47.6	54.7	240.4	0.0	0.75	1.0	52.7	−26.9	−47.5	54.7	240	0.0	1.0	0.945	54.3	−35.4	−35.4	50.2	225	0.0	1.0	0.999	53.1	−32.9	−40.2	52.1	230			
248.0	232.5	237.5	0.0	0.625	1.0	50.0	−20.1	−50.0	53.9	248.0	0.0	0.633	1.0	50.2	−20.5	−49.8	54.0	247	0.0	0.957	1.0	52.9	−32.3	−41.3	52.6	232	0.0	0.819	1.0	52.6	−29.3	−45.2	54.0	237			
255.4	240.0	244.3	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4	0.0	0.5	1.0	45.7	−12.9	−50.2	52.0	255	0.0	0.759	1.0	52.7	−27.2	−47.2	54.7	240	0.0	0.686	1.0	51.3	−23.4	−48.9	54.4	244			
263.5	247.5	251.2	0.0	0.375	1.0	41.6	−5.5	−49.5	49.8	263.5	0.0	0.383	1.0	42.0	−6.0	−49.5	50.0	263	0.0	0.642	1.0	50.4	−21.0	−49.7	54.1	247	0.0	0.58	1.0	48.4	−17.5	−50.2	53.3	250			
274.9	255.0	258.0	0.0	0.25	1.0	36.0	4.2	−49.4	49.6	274.9	0.0	0.25	1.0	36.0	4.2	−49.3	49.6	274	0.0	0.508	1.0	46.0	−13.4	−50.2	52.1	255	0.0	0.46	1.0	44.4	−10.5	−50.1	51.3	258			
287.4	262.5	264.8	0.0	0.125	1.0	34.6	14.4	−45.8	48.0	287.4	0.0	0.133	1.0	34.7	13.8	−46.0	48.1	286	0.0	0.399	1.0	42.5	−6.9	−49.7	50.3	262	0.0	0.366	1.0	41.3	−4.7	−49.5	49.8	264			
299.6	270.0	271.7	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	0.0	0.0	1.0	31.8	24.7	−43.3	49.9	299	0.0	0.304	1.0	38.5	0.0	−49.6	49.7	270	0.0	0.285	1.0	37.6	1.5	−49.6	49.7	271			
307.7	277.5	278.8	0.125	0.0	1.0	31.2	31.5	−40.6	51.4	307.7	0.117	0.0	1.0	31.3	31.1	−40.8	51.3	307	0.0	0.229	1.0	35.8	6.0	−48.9	49.4	277	0.0	0.216	1.0	35.6	7.2	−48.6	49.2	278			
317.3	285.0	285.9	0.25	0.0	1.0	31.2	39.0	−35.9	53.1	317.3	0.25	0.0	1.0	31.3	39.1	−35.9	53.1	317	0.0	0.15	1.0	34.9	12.5	−46.6	48.4	285	0.0	0.14	1.0	34.8	13.3	−46.3	48.2	285			
324.8	292.5	293.0	0.375	0.0	1.0	33.4	45.6	−32.1	55.7	324.8	0.367	0.0	1.0	33.3	45.2	−32.3	55.6	324	0.0	0.078	1.0	33.6	18.3	−45.1	48.7	292	0.0	0.072	1.0	33.4	18.8	−45.0	48.8	292			
329.9	300.0	300.1	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9	0.5	0.0	1.0	36.0	50.0	−28.9	57.8	329	0.006	0.0	1.0	31.8	25.0	−43.2	50.0	300	0.009	0.0	1.0	31.8	25.1	−43.1	50.0	300			
336.0	307.5	307.2	0.625	0.0	1.0	38.7	55.4	−24.5	60.6	336.0	0.617	0.0	1.0	38.6	55.1	−24.8	60.5	335	0.113	0.0	1.0	31.3	30.9	−40.9	51.3	307	0.11	0.0	1.0	31.3	30.7	−40.9	51.3	306			
342.3	315.0	314.3	0.75	0.0	1.0	41.7	60.2	−19.1	63.1	342.3	0.75	0.0	1.0	41.8	60.2	−19.0	63.2	342	0.219	0.0	1.0	31.3	37.3	−37.2	52.7	315	0.211	0.0	1.0	31.3	36.8	−37.5	52.6	314			
346.1	322.5	321.4	0.875	0.0	1.0	44.4	64.8	−16.0	66.8	346.1	0.867	0.0	1.0	44.3	64.6	−16.2	66.6	345	0.327	0.0	1.0	32.6	43.2	−33.6	54.8	322	0.311	0.0	1.0	32.3	42.3	−34.1	54.4	321			
351.1	330.0	328.6	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	1.0	0.0	1.0	47.7	70.4	−10.8	71.2	351	0.502	0.0	1.0	36.0	50.1	−28.8	57.9	330	0.468	0.0	1.0	35.3	48.9	−29.7	57.3	328			
352.4	337.5	335.7	1.0	0.0	0.875	47.1	70.0	−9.2	70.6	352.4	1.0	0.0	0.883	47.2	70.0	−9.3	70.7	352	0.643	0.0	1.0	39.2	56.2	−23.7	61.0	337	0.608	0.0	1.0	38.4	54.7	−25.1	60.3	335			
357.3	345.0	342.8	1.0	0.0	0.75	46.2	67.7	−3.0	67.7	357.3	1.0	0.0	0.75	46.2	67.7	−3.0	67.8	357	0.838	0.0	1.0	43.7	63.5	−16.9	65.7	345	0.765	0.0	1.0	42.1	60.8	−18.7	63.6	342			
364.1	352.5	349.9	1.0	0.0	0.625	46.2	65.0	4.7	65.1	364.1	1.0	0.0	0.633	46.3	65.2	4.2	65.3	363	1.0	0.0	0.92	47.4	70.2	−9.8	70.9	352	0.958	0.0	1.0	46.6	68.6	−12.7	69.7	349			
371.0	360.0	357.0	1.0	0.0	0.5	45.8	62.3	12.1	63.5	371.0	1.0	0.0	0.5	45.9	62.4	12.2	63.5	371	1.0	0.0	0.702	46.2	66.8	0.0	66.8	360	1.0	0.0	0.914	47.4	70.1	−9.7	70.8	352			
378.0	367.5	364.1	1.0	0.0	0.375	45.9	60.1	19.6	63.3	378.0	1.0	0.0	0.383	46.0	60.4	19.1	63.3	377	1.0	0.0	0.573	46.1	64.0	7.9	64.5	367	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359			
385.2	375.0	371.2	1.0	0.0	0.25	46.2	59.2	27.9	65.4	385.2	1.0	0.0	0.25	46.3	59.2	27.9	65.5	385	1.0	0.0	0.429	45.9	61.3	16.4	63.4	375	1.0	0.0	0.541	46.0	63.3	9.8	64.1	368			
390.4	382.5	378.3	1.0	0.0	0.125	46.6	59.3	34.8	68.8	390.4	1.0	0.0	0.133	46.6	59.4	34.4	68.6	390	1.0	0.0	0.307	46.1	59.8	24.2	64.5	382	1.0	0.0	0.402	45.9	60.7	18.1	63.4	376			
393.7	390.0	385.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	393.7	1.0	0.0	0.0	47.0	59.8	39.9	71.9	393	1.0	0.0	0.136	46.6	59.4	34.3	68.6	390	1.0	0.0	0.245	46.3	59.2	28.2	65.6	385			

RE730−71 1−013730−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 8/33

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

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

1−013730−F0

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

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

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

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

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta
see similar files: http://130.149.60.45/~farbmetrik/RE73/RE73.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

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

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

RE730−71 1−013930−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 10/33

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

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

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)						*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**dd *rgb**ds *rgb**de
−269	75	75	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	−269	R_d	1.0	0.475	0.0	71.1	19.3	71.9	74.5	75	1.0	0.75	0.0	1.0	0.484	0.0	71.5	18.5	72.2	74.6	75	1.0	0.75	0.0		
91	76	76	1.0	0.766	0.0	83.3	−1.8	78.8	78.8	91		1.0	0.49	0.0	71.7	18.1	72.4	74.7	76	1.0	0.767	0.0	1.0	0.5	0.0	72.2	17.2	72.8	74.8	76	1.0	0.767	0.0		
91	77	77	1.0	0.783	0.0	83.8	−2.7	78.1	78.1	91		1.0	0.506	0.0	72.4	16.9	73.0	74.9	77	1.0	0.783	0.0	1.0	0.525	0.0	73.0	15.9	73.6	75.3	77	1.0	0.783	0.0		
92	78	78	1.0	0.8	0.0	84.4	−3.5	77.3	77.4	92		1.0	0.529	0.0	73.1	15.7	73.7	75.4	78	1.0	0.8	0.0	1.0	0.55	0.0	73.7	14.5	74.4	75.8	78	1.0	0.8	0.0		
93	79	80	1.0	0.816	0.0	84.9	−4.3	76.5	76.7	93		1.0	0.551	0.0	73.8	14.5	74.5	75.9	79	1.0	0.817	0.0	1.0	0.575	0.0	74.5	13.2	75.2	76.4	80	1.0	0.817	0.0		
93	80	81	1.0	0.833	0.0	85.5	−5.1	75.8	75.9	93		1.0	0.573	0.0	74.5	13.3	75.2	76.3	80	1.0	0.833	0.0	1.0	0.6	0.0	75.3	11.8	76.0	76.9	81	1.0	0.833	0.0		
94	81	82	1.0	0.85	0.0	86.1	−5.9	75.0	75.2	94		1.0	0.596	0.0	75.2	12.0	75.9	76.8	81	1.0	0.85	0.0	1.0	0.625	0.0	76.0	10.4	76.7	77.4	82	1.0	0.85	0.0		
95	82	83	1.0	0.866	0.0	86.6	−6.6	74.2	74.5	95		1.0	0.618	0.0	75.8	10.8	76.5	77.3	82	1.0	0.867	0.0	1.0	0.641	0.0	76.9	8.9	77.2	77.7	83	1.0	0.867	0.0		
95	83	84	1.0	0.883	0.0	87.2	−7.4	74.5	74.9	95		1.0	0.635	0.0	76.6	9.5	77.0	77.6	83	1.0	0.883	0.0	1.0	0.658	0.0	77.8	7.5	77.6	78.0	84	1.0	0.883	0.0		
96	84	85	1.0	0.9	0.0	87.8	−8.4	75.9	76.4	96		1.0	0.65	0.0	77.4	8.1	77.4	77.9	84	1.0	0.9	0.0	1.0	0.674	0.0	78.7	6.0	78.1	78.3	85	1.0	0.9	0.0		
96	85	86	1.0	0.916	0.0	88.4	−9.3	77.3	77.9	96		1.0	0.665	0.0	78.2	6.8	77.8	78.1	85	1.0	0.917	0.0	1.0	0.691	0.0	79.6	4.5	78.4	78.6	86	1.0	0.917	0.0		
97	86	87	1.0	0.933	0.0	88.9	−10.3	78.7	79.4	97		1.0	0.68	0.0	79.0	5.5	78.2	78.4	86	1.0	0.933	0.0	1.0	0.707	0.0	80.5	2.9	78.8	78.9	87	1.0	0.933	0.0		
98	87	88	1.0	0.95	0.0	89.5	−11.3	80.1	80.9	98		1.0	0.695	0.0	79.8	4.1	78.5	78.6	87	1.0	0.95	0.0	1.0	0.724	0.0	81.4	1.4	79.1	79.1	88	1.0	0.95	0.0		
98	88	90	1.0	0.966	0.0	90.1	−12.3	81.4	82.4	98		1.0	0.709	0.0	80.6	2.8	78.8	78.9	88	1.0	0.967	0.0	1.0	0.74	0.0	82.2	0.0	79.4	79.4	90	1.0	0.967	0.0		
99	89	91	1.0	0.983	0.0	90.7	−13.4	82.8	83.9	99		1.0	0.724	0.0	81.4	1.4	79.1	79.2	89	1.0	0.983	0.0	1.0	0.762	0.0	83.2	−1.6	79.1	79.1	91	1.0	0.983	0.0		
99	90	92	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99	Y_d	1.0	0.739	0.0	82.2	0.0	79.4	79.4	90	Y_s	1.0	1.0	0.0	1.0	0.792	0.0	84.2	−3.0	77.7	77.8	92	Y_e	1.0	1.0	0.0	
99	91	93	0.983	1.0	0.0	91.5	−14.8	85.3	86.6	99		1.0	0.757	0.0	83.0	−1.3	79.3	79.3	91		0.983	1.0	0.0	1.0	0.823	0.0	85.2	−4.5	76.3	76.4	93		0.983	1.0	0.0	
100	92	94	0.966	1.0	0.0	91.7	−15.2	86.5	87.8	100		1.0	0.784	0.0	83.9	−2.6	78.1	78.2	92		0.967	1.0	0.0	1.0	0.854	0.0	86.2	−6.0	74.9	75.1	94		0.967	1.0	0.0	
100	93	95	0.95	1.0	0.0	91.9	−15.6	87.6	89.0	100		1.0	0.81	0.0	84.8	−3.9	76.9	77.0	93		0.95	1.0	0.0	1.0	0.885	0.0	87.3	−7.5	74.7	75.1	95		0.95	1.0	0.0	
100	94	96	0.933	1.0	0.0	92.2	−16.1	88.8	90.3	100		1.0	0.837	0.0	85.7	−5.2	75.7	75.8	94		0.933	1.0	0.0	1.0	0.919	0.0	88.5	−9.4	77.6	78.1	96		0.933	1.0	0.0	
100	95	98	0.916	1.0	0.0	92.4	−16.5	90.0	91.5	100		1.0	0.863	0.0	86.6	−6.4	74.4	74.7	95		0.917	1.0	0.0	1.0	0.953	0.0	89.7	−11.4	80.3	81.2	98		0.917	1.0	0.0	
100	96	99	0.9	1.0	0.0	92.6	−16.9	91.1	92.7	100		1.0	0.891	0.0	87.5	−7.8	75.2	75.6	96		0.9	1.0	0.0	1.0	0.986	0.0	90.8	−13.5	83.1	84.2	99		0.9	1.0	0.0	
100	97	100	0.883	1.0	0.0	92.8	−17.3	92.3	93.9	100		1.0	0.92	0.0	88.5	−9.4	77.6	78.2	97		0.883	1.0	0.0	0.907	1.0	0.0	92.6	−16.7	90.7	92.2	100		0.883	1.0	0.0	
100	98	101	0.866	1.0	0.0	92.7	−17.8	92.6	94.3	100		1.0	0.949	0.0	89.5	−11.1	80.0	80.8	98		0.867	1.0	0.0	0.84	1.0	0.0	92.0	−18.8	91.7	93.6	101		0.867	1.0	0.0	
101	99	102	0.85	1.0	0.0	92.2	−18.5	92.0	93.9	101		1.0	0.978	0.0	90.5	−12.9	82.4	83.4	99		0.85	1.0	0.0	0.796	1.0	0.0	90.7	−20.4	90.1	92.4	102		0.85	1.0	0.0	
101	100	103	0.833	1.0	0.0	91.7	−19.1	91.4	93.4	101		0.97	1.0	0.0	91.7	−15.1	86.3	87.6	100		0.833	1.0	0.0	0.752	1.0	0.0	89.4	−21.9	88.5	91.2	103		0.833	1.0	0.0	
102	101	105	0.816	1.0	0.0	91.2	−19.7	90.8	92.9	102		0.864	1.0	0.0	92.7	−17.9	92.6	94.3	101		0.817	1.0	0.0	0.732	1.0	0.0	88.1	−23.3	86.7	89.8	105		0.817	1.0	0.0	
102	102	106	0.8	1.0	0.0	90.7	−20.3	90.2	92.5	102		0.826	1.0	0.0	91.6	−19.3	91.2	93.3	102		0.8	1.0	0.0	0.713	1.0	0.0	86.9	−24.7	84.7	88.3	106		0.8	1.0	0.0	
103	103	107	0.783	1.0	0.0	90.2	−20.9	89.6	92.0	103		0.789	1.0	0.0	90.4	−20.6	89.9	92.2	103		0.783	1.0	0.0	0.694	1.0	0.0	85.7	−25.9	82.8	86.8	107		0.783	1.0	0.0	
103	104	108	0.766	1.0	0.0	89.7	−21.5	89.0	91.6	103		0.751	1.0	0.0	89.3	−22.0	88.5	91.2	104		0.767	1.0	0.0	0.675	1.0	0.0	84.5	−27.1	80.8	85.3	108		0.767	1.0	0.0	
104	105	109	0.75	1.0	0.0	89.2	−22.0	88.4	91.1	104		0.734	1.0	0.0	88.3	−23.2	86.9	89.9	105		0.75	1.0	0.0	0.656	1.0	0.0	83.3	−28.3	78.9	83.8	109		0.75	1.0	0.0	
105	106	110	0.733	1.0	0.0	88.2	−23.3	86.7	89.8	105		0.718	1.0	0.0	87.2	−24.3	85.2	88.7	106		0.733	1.0	0.0	0.637	1.0	0.0	82.0	−29.3	76.9	82.3	110		0.733	1.0	0.0	
106	107	112	0.716	1.0	0.0	87.1	−24.5	85.1	88.5	106		0.701	1.0	0.0	86.2	−25.4	83.6	87.4	107		0.717	1.0	0.0	0.619	1.0	0.0	80.9	−30.4	75.1	81.1	112		0.717	1.0	0.0	
107	108	113	0.7	1.0	0.0	86.0	−25.6	83.4	87.2	107		0.685	1.0	0.0	85.1	−26.5	81.9	86.1	108		0.7	1.0	0.0	0.602	1.0	0.0	79.9	−31.6	73.7	80.3	113		0.7	1.0	0.0	
108	109	114	0.683	1.0	0.0	85.0	−26.7	81.7	85.9	108		0.669	1.0	0.0	84.1	−27.5	80.2	84.8	109		0.683	1.0	0.0	0.585	1.0	0.0	79.0	−32.8	72.3	79.4	114		0.683	1.0	0.0	
109	110	115	0.666	1.0	0.0	83.9	−27.7	79.9	84.6	109		0.652	1.0	0.0	83.0	−28.5	78.5	83.6	110		0.667	1.0	0.0	0.569	1.0	0.0	78.0	−33.9	70.9	78.6	115		0.667	1.0	0.0	
110	111	116	0.65	1.0	0.0	82.8	−28.7	78.2	83.3	110		0.636	1.0	0.0	82.0	−29.4	76.8	82.3	111		0.65	1.0	0.0	0.552	1.0	0.0	77.0	−35.0	69.4	77.8	116		0.65	1.0	0.0	
111	112	117	0.633	1.0	0.0	81.8	−29.6	76.5	82.0	111		0.62	1.0	0.0	81.0	−30.3	75.3	81.2	112		0.633	1.0	0.0	0.535	1.0	0.0	76.1	−36.0	68.0	77.0	117		0.633	1.0	0.0	
112	113	119	0.616	1.0	0.0	80.7	−30.6	74.9	80.9	112		0.606	1.0	0.0	80.2	−31.3	74.1	80.5	113		0.617	1.0	0.0	0.519	1.0	0.0	75.1	−36.9	66.5	76.1	119		0.617	1.0	0.0	
113	114	120	0.6	1.0	0.0	79.8	−31.8	73.5	80.1	113		0.592	1.0	0.0	79.3	−32.3	72.9	79.8	114		0.6	1.0	0.0	0.502	1.0	0.0	74.1	−37.9	65.0	75.3	120		0.6	1.0	0.0	
114	115	121	0.583	1.0	0.0	78.8	−33.0	72.1	79.3	114		0.578	1.0	0.0	78.5	−33.3	71.6	79.1	115		0.583	1.0	0.0	0.482	1.0	0.0	73.3	−38.9	63.8	74.8	121		0.583	1.0	0.0	
115	116	122	0.566	1.0	0.0	77.8	−34.1	70.7	78.5	115		0.563	1.0	0.0	77.7	−34.2	70.4	78.3	116		0.567	1.0	0.0	0.462	1.0	0.0	72.6	−39.9	62.6	74.3	122		0.567	1.0	0.0	
116	117	123	0.55	1.0	0.0	76.9	−35.1	69.2	77.6	116		0.549	1.0	0.0	76.8	−35.1	69.2	77.6	117		0.55	1.0	0.0	0.441	1.0	0.0	71.8	−40.9	61.3	73.8	123		0.55	1.0	0.0	
118	118	124	0.533	1.0	0.0	75.9	−36.1	67.8	76.8	118		0.535	1.0	0.0	76.0	−36.0	67.9	76.9	118		0.533	1.0	0.0	0.421	1.0	0.0	71.1	−41.9	60.1	73.3	124		0.533	1.0	0.0	
119	119	126	0.516	1.0	0.0	74.9	−37.1	66.3	76.0	119		0.52	1.0	0.0	75.2	−36.9	66.7	76.2	119		0.517	1.0	0.0	0.401	1.0	0.0	70.3	−42.8	58.8	72.8	126		0.517	1.0	0.0	
120	120	127	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120		0.506	1.0	0.0	74.3	−37.7	65.4	75.5	120		0.5	1.0	0.0	0.38	1.0	0.0	69.6	−43.7	57.5	72.3	127		0.5	1.0	0.0	

RE730−71 1−0131030−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 11/33

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

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

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

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

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

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

RE730−71 1−0131130−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 12/33

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

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

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**			dd361M	*LAB**			ddx361Mi (x=LabCh)				*rgb**			ds361Mi	*LAB**			dsx361Mi (x=LabCh)				*rgb**			dd361Mi	*rgb**			de361Mi	*LAB**			dex361Mi (x=LabCh)				*rgb**			dd361Mi
167	165	175	0.0	1.0	0.25		54.9	−59.7	13.1	61.1	167		0.0	1.0	0.203		54.8	−61.2	16.4	63.4	165		0.0	1.0	0.25	0.0	1.0	0.382		55.6	−55.3	4.0	55.5	175		0.0	1.0	0.25			
168	166	176	0.0	1.0	0.266		55.0	−59.2	11.9	60.4	168		0.0	1.0	0.221		54.9	−60.6	15.1	62.5	166		0.0	1.0	0.267	0.0	1.0	0.394		55.7	−54.8	3.0	55.0	176		0.0	1.0	0.267			
169	167	177	0.0	1.0	0.283		55.1	−58.7	10.7	59.7	169		0.0	1.0	0.239		54.9	−60.0	13.9	61.7	167		0.0	1.0	0.283	0.0	1.0	0.405		55.8	−54.4	2.2	54.5	177		0.0	1.0	0.283			
170	168	178	0.0	1.0	0.3		55.1	−58.2	9.5	59.0	170		0.0	1.0	0.257		55.0	−59.4	12.7	60.9	168		0.0	1.0	0.3	0.0	1.0	0.417		55.9	−53.9	1.3	54.0	178		0.0	1.0	0.3			
171	169	179	0.0	1.0	0.316		55.2	−57.6	8.3	58.3	171		0.0	1.0	0.273		55.1	−59.0	11.5	60.2	169		0.0	1.0	0.317	0.0	1.0	0.428		56.0	−53.5	0.4	53.6	179		0.0	1.0	0.317			
172	170	180	0.0	1.0	0.333		55.3	−57.1	7.2	57.5	172		0.0	1.0	0.289		55.1	−58.5	10.3	59.5	170		0.0	1.0	0.333	0.0	1.0	0.44		56.1	−53.0	−0.3	53.1	180		0.0	1.0	0.333			
173	171	181	0.0	1.0	0.35		55.4	−56.5	6.1	56.8	173		0.0	1.0	0.305		55.2	−58.0	9.2	58.8	171		0.0	1.0	0.35	0.0	1.0	0.452		56.2	−52.5	−1.2	52.6	181		0.0	1.0	0.35			
174	172	182	0.0	1.0	0.366		55.4	−55.9	5.0	56.1	174		0.0	1.0	0.321		55.3	−57.5	8.1	58.1	172		0.0	1.0	0.367	0.0	1.0	0.463		56.3	−51.9	−2.0	52.1	182		0.0	1.0	0.367			
176	173	183	0.0	1.0	0.383		55.5	−55.3	3.8	55.4	176		0.0	1.0	0.337		55.4	−56.9	7.0	57.4	173		0.0	1.0	0.383	0.0	1.0	0.475		56.4	−51.4	−2.8	51.6	183		0.0	1.0	0.383			
177	174	184	0.0	1.0	0.4		55.7	−54.6	2.5	54.7	177		0.0	1.0	0.353		55.4	−56.3	5.9	56.8	174		0.0	1.0	0.4	0.0	1.0	0.487		56.5	−50.9	−3.6	51.1	184		0.0	1.0	0.4			
178	175	185	0.0	1.0	0.416		55.8	−54.0	1.2	54.0	178		0.0	1.0	0.369		55.5	−55.8	4.9	56.1	175		0.0	1.0	0.417	0.0	1.0	0.498		56.6	−50.3	−4.3	50.6	185		0.0	1.0	0.417			
179	176	185	0.0	1.0	0.433		56.0	−53.3	0.0	53.3	179		0.0	1.0	0.383		55.6	−55.2	3.9	55.5	176		0.0	1.0	0.433	0.0	1.0	0.509		56.6	−49.9	−5.1	50.3	185		0.0	1.0	0.433			
181	177	186	0.0	1.0	0.45		56.1	−52.6	−1.1	52.6	181		0.0	1.0	0.396		55.7	−54.8	2.9	54.9	177		0.0	1.0	0.45	0.0	1.0	0.519		56.7	−49.5	−5.9	50.0	186		0.0	1.0	0.45			
182	178	187	0.0	1.0	0.466		56.3	−51.8	−2.3	51.9	182		0.0	1.0	0.409		55.8	−54.3	1.9	54.4	178		0.0	1.0	0.467	0.0	1.0	0.529		56.7	−49.1	−6.6	49.7	187		0.0	1.0	0.467			
183	179	188	0.0	1.0	0.483		56.4	−51.1	−3.4	51.2	183		0.0	1.0	0.421		55.9	−53.8	0.9	53.9	179		0.0	1.0	0.483	0.0	1.0	0.539		56.8	−48.7	−7.4	49.4	188		0.0	1.0	0.483			
185	180	189	0.0	1.0	0.5		56.5	−50.3	−4.5	50.5	185		0.0	1.0	0.434		56.0	−53.2	0.0	53.3	180		0.0	1.0	0.5	0.0	1.0	0.549		56.8	−48.3	−8.1	49.1	189		0.0	1.0	0.5			
186	181	190	0.0	1.0	0.516		56.6	−49.7	−5.8	50.0	186		0.0	1.0	0.447		56.1	−52.7	−0.8	52.8	181		0.0	1.0	0.517	0.0	1.0	0.559		56.8	−47.9	−8.8	48.8	190		0.0	1.0	0.517			
188	182	191	0.0	1.0	0.533		56.7	−49.0	−7.0	49.5	188		0.0	1.0	0.46		56.3	−52.1	−1.7	52.2	182		0.0	1.0	0.533	0.0	1.0	0.569		56.9	−47.5	−9.5	48.5	191		0.0	1.0	0.533			
189	183	192	0.0	1.0	0.55		56.7	−48.4	−8.2	49.1	189		0.0	1.0	0.472		56.4	−51.5	−2.6	51.7	183		0.0	1.0	0.55	0.0	1.0	0.58		56.9	−47.0	−10.2	48.3	192		0.0	1.0	0.55			
191	184	193	0.0	1.0	0.566		56.8	−47.7	−9.4	48.6	191		0.0	1.0	0.485		56.5	−50.9	−3.5	51.2	184		0.0	1.0	0.567	0.0	1.0	0.59		57.0	−46.6	−10.9	48.0	193		0.0	1.0	0.567			
192	185	194	0.0	1.0	0.583		56.9	−46.9	−10.5	48.1	192		0.0	1.0	0.498		56.6	−50.3	−4.3	50.6	185		0.0	1.0	0.583	0.0	1.0	0.6		57.0	−46.1	−11.6	47.7	194		0.0	1.0	0.583			
194	186	195	0.0	1.0	0.6		56.9	−46.2	−11.6	47.6	194		0.0	1.0	0.509		56.6	−49.9	−5.2	50.3	186		0.0	1.0	0.6	0.0	1.0	0.61		57.0	−45.7	−12.2	47.4	195		0.0	1.0	0.6			
195	187	195	0.0	1.0	0.616		57.0	−45.4	−12.7	47.1	195		0.0	1.0	0.52		56.7	−49.5	−6.0	50.0	187		0.0	1.0	0.617	0.0	1.0	0.62		57.1	−45.2	−12.9	47.1	195		0.0	1.0	0.617			
197	188	196	0.0	1.0	0.633		57.0	−44.8	−13.7	46.8	197		0.0	1.0	0.531		56.7	−49.1	−6.8	49.6	188		0.0	1.0	0.633	0.0	1.0	0.631		57.1	−44.8	−13.5	46.9	196		0.0	1.0	0.633			
198	189	197	0.0	1.0	0.65		57.0	−44.3	−14.7	46.7	198		0.0	1.0	0.543		56.8	−48.6	−7.6	49.3	189		0.0	1.0	0.65	0.0	1.0	0.643		57.1	−44.5	−14.2	46.8	197		0.0	1.0	0.65			
199	190	198	0.0	1.0	0.666		57.0	−43.9	−15.6	46.6	199		0.0	1.0	0.554		56.8	−48.2	−8.4	49.0	190		0.0	1.0	0.667	0.0	1.0	0.655		57.1	−44.1	−14.9	46.7	198		0.0	1.0	0.667			
200	191	199	0.0	1.0	0.683		57.0	−43.4	−16.6	46.4	200		0.0	1.0	0.565		56.9	−47.7	−9.2	48.7	191		0.0	1.0	0.683	0.0	1.0	0.666		57.0	−43.8	−15.6	46.6	199		0.0	1.0	0.683			
202	192	200	0.0	1.0	0.7		56.9	−42.9	−17.5	46.3	202		0.0	1.0	0.576		56.9	−47.2	−10.0	48.4	192		0.0	1.0	0.7	0.0	1.0	0.678		57.0	−43.5	−16.2	46.5	200		0.0	1.0	0.7			
203	193	201	0.0	1.0	0.716		56.9	−42.3	−18.4	46.2	203		0.0	1.0	0.587		56.9	−46.7	−10.7	48.0	193		0.0	1.0	0.717	0.0	1.0	0.69		57.0	−43.1	−16.9	46.4	201		0.0	1.0	0.717			
204	194	202	0.0	1.0	0.733		56.9	−41.8	−19.3	46.1	204		0.0	1.0	0.598		57.0	−46.2	−11.4	47.7	194		0.0	1.0	0.733	0.0	1.0	0.702		57.0	−42.8	−17.5	46.4	202		0.0	1.0	0.733			
206	195	203	0.0	1.0	0.75		56.9	−41.2	−20.2	45.9	206		0.0	1.0	0.609		57.0	−45.7	−12.2	47.4	195		0.0	1.0	0.75	0.0	1.0	0.714		57.0	−42.4	−18.2	46.3	203		0.0	1.0	0.75			
207	196	204	0.0	1.0	0.766		56.7	−40.9	−21.4	46.1	207		0.0	1.0	0.62		57.1	−45.2	−12.9	47.1	196		0.0	1.0	0.767	0.0	1.0	0.726		57.0	−42.0	−18.8	46.2	204		0.0	1.0	0.767			
209	197	205	0.0	1.0	0.783		56.6	−40.5	−22.6	46.4	209		0.0	1.0	0.632		57.1	−44.7	−13.6	46.9	197		0.0	1.0	0.783	0.0	1.0	0.737		56.9	−41.6	−19.5	46.1	205		0.0	1.0	0.783			
210	198	206	0.0	1.0	0.8		56.4	−40.0	−23.8	46.6	210		0.0	1.0	0.645		57.1	−44.4	−14.4	46.8	198		0.0	1.0	0.8	0.0	1.0	0.749		56.9	−41.2	−20.1	46.0	206		0.0	1.0	0.8			
212	199	206	0.0	1.0	0.816		56.3	−39.6	−24.9	46.8	212		0.0	1.0	0.658		57.1	−44.1	−15.1	46.7	199		0.0	1.0	0.817	0.0	1.0	0.759		56.8	−41.0	−20.8	46.1	206		0.0	1.0	0.817			
213	200	207	0.0	1.0	0.833		56.1	−39.1	−26.1	47.0	213		0.0	1.0	0.671		57.0	−43.7	−15.8	46.6	200		0.0	1.0	0.833	0.0	1.0	0.769		56.8	−40.8	−21.5	46.2	207		0.0	1.0	0.833			
215	201	208	0.0	1.0	0.85		56.0	−38.5	−27.3	47.2	215		0.0	1.0	0.684		57.0	−43.3	−16.6	46.5	201		0.0	1.0	0.85	0.0	1.0	0.779		56.7	−40.5	−22.2	46.4	208		0.0	1.0	0.85			
216	202	209	0.0	1.0	0.866		55.9	−38.0	−28.4	47.5	216		0.0	1.0	0.697		57.0	−42.9	−17.3	46.4	202		0.0	1.0	0.867	0.0	1.0	0.789		56.6	−40.3	−22.9	46.5	209		0.0	1.0	0.867			
218	203	210	0.0	1.0	0.883		55.6	−37.5	−29.8	47.9	218		0.0	1.0	0.71		57.0	−42.5	−18.0	46.3	203		0.0	1.0	0.883	0.0	1.0	0.799		56.5	−40.0	−23.6	46.6	210		0.0	1.0	0.883			
220	204	211	0.0	1.0	0.9		55.2	−37.0	−31.3	48.5	220		0.0	1.0	0.723		57.0	−42.1	−18.7	46.2	204		0.0	1.0	0.9	0.0	1.0	0.809		56.4	−39.8	−24.3	46.7	211		0.0	1.0	0.9			
221	205	212	0.0	1.0	0.916		54.8	−36.5	−32.8	49.1	221		0.0	1.0	0.736		56.9	−41.7	−19.4	46.1	205		0.0	1.0	0.917	0.0	1.0	0.819		56.3	−39.5	−25.0	46.9	212		0.0	1.0	0.917			
223	206	213	0.0	1.0	0.933		54.5	−35.9	−34.3	49.7	223		0.0	1.0	0.749		56.9	−41.2	−20.1	46.0	206		0.0	1.0	0.933	0.0	1.0	0.829		56.2	−39.2	−25.7	47.0	213		0.0	1.0	0.933			
225	207	214	0.0	1.0	0.95		54.1	−35.2	−35.9	50.3	225		0.0	1.0	0.76		56.8	−41.0	−20.8	46.1	207		0.0	1.0	0.95	0.0	1.0	0.839		56.1	−38.9	−26.4	47.1	214		0.0	1.0	0.95			
227	208	215	0.0	1.0	0.966		53.7	−34.5	−37.4	50.9	227		0.0	1.0	0.771		56.7	−40.7	−21.6	46.2	208		0.0	1.0	0.967	0.0	1.0	0.848		56.1	−38.5	−27.1	47.3	215		0.0	1.0	0.967			
229	209	216	0.0	1.0	0.983		53.4	−33.8	−38.9	51.5	229		0.0	1.0	0.782		56.6	−40.5	−22.4	46.4	209		0.0	1.0	0.983	0.0	1.0	0.858		56.0	−38.2	−27.8	47.4	216		0.0	1.0	0.983			
230	210	216	0.0	1.0	1.0		53.0	−32.9	−40.4	52.1	230	C_d	0.0	1.0	0.792		56.6	−40.2	−23.2	46.5	210	C_s	0.0	1.0	1.0	0.0	1.0	0.868		55.9	−37.9	−28.5	47.5	216	C_e	0.0	1.0	1.0			

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

RE730−71 1−0131230−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 13/33

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

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

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd361M			*LAB** ddx361Mi (x=LabCh)					C_d	*rgb** ds361Mi			*LAB** dsx361Mi (x=LabCh)					C_s	*rgb** dd361Mi			*rgb** de361Mi			*LAB** dex361Mi (x=LabCh)					C_e	*rgb** dd361Mi			*rgb**$_{dd}$	*rgb**$_{ds}$	*rgb**$_{de}$
230	210	216	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230		0.0	1.0	0.792	56.6	−40.2	−23.2	46.5	210		0.0	1.0	1.0	0.0	1.0	0.868	55.9	−37.9	−28.5	47.5	216		0.0	1.0	1.0			
231	211	217	0.0	0.983	1.0	52.9	−32.7	−40.8	52.3	231		0.0	1.0	0.803	56.5	−39.9	−23.9	46.7	211		0.0	0.983	1.0	0.0	1.0	0.878	55.8	−37.6	−29.2	47.7	217		0.0	0.983	1.0			
231	212	218	0.0	0.966	1.0	52.9	−32.5	−41.2	52.4	231		0.0	1.0	0.814	56.4	−39.6	−24.7	46.8	212		0.0	0.967	1.0	0.0	1.0	0.886	55.6	−37.3	−30.0	48.0	218		0.0	0.967	1.0			
232	213	219	0.0	0.95	1.0	52.8	−32.2	−41.6	52.6	232		0.0	1.0	0.825	56.3	−39.3	−25.5	47.0	213		0.0	0.95	1.0	0.0	1.0	0.895	55.4	−37.1	−30.8	48.4	219		0.0	0.95	1.0			
232	214	220	0.0	0.933	1.0	52.7	−32.0	−42.0	52.8	232		0.0	1.0	0.836	56.2	−39.0	−26.2	47.1	214		0.0	0.933	1.0	0.0	1.0	0.904	55.2	−36.8	−31.6	48.7	220		0.0	0.933	1.0			
233	215	221	0.0	0.916	1.0	52.7	−31.7	−42.4	52.9	233		0.0	1.0	0.847	56.1	−38.6	−27.0	47.2	215		0.0	0.917	1.0	0.0	1.0	0.912	55.0	−36.6	−32.4	49.0	221		0.0	0.917	1.0			
233	216	222	0.0	0.9	1.0	52.6	−31.5	−42.8	53.1	233		0.0	1.0	0.858	56.0	−38.2	−27.8	47.4	216		0.0	0.9	1.0	0.0	1.0	0.921	54.8	−36.3	−33.2	49.3	222		0.0	0.9	1.0			
234	217	223	0.0	0.883	1.0	52.5	−31.2	−43.1	53.3	234		0.0	1.0	0.869	55.9	−37.9	−28.5	47.5	217		0.0	0.883	1.0	0.0	1.0	0.93	54.6	−36.0	−34.0	49.6	223		0.0	0.883	1.0			
234	218	224	0.0	0.866	1.0	52.5	−30.8	−43.6	53.5	234		0.0	1.0	0.879	55.7	−37.5	−29.3	47.8	218		0.0	0.867	1.0	0.0	1.0	0.938	54.4	−35.6	−34.8	49.9	224		0.0	0.867	1.0			
235	219	225	0.0	0.85	1.0	52.5	−30.3	−44.2	53.6	235		0.0	1.0	0.888	55.5	−37.3	−30.2	48.1	219		0.0	0.85	1.0	0.0	1.0	0.947	54.2	−35.3	−35.5	50.2	225		0.0	0.85	1.0			
236	220	226	0.0	0.833	1.0	52.5	−29.8	−44.8	53.8	236		0.0	1.0	0.898	55.3	−37.0	−31.0	48.4	220		0.0	0.833	1.0	0.0	1.0	0.956	54.0	−34.9	−36.3	50.6	226		0.0	0.833	1.0			
237	221	227	0.0	0.816	1.0	52.6	−29.2	−45.4	54.0	237		0.0	1.0	0.907	55.1	−36.7	−31.9	48.8	221		0.0	0.817	1.0	0.0	1.0	0.964	53.8	−34.6	−37.1	50.9	227		0.0	0.817	1.0			
237	222	227	0.0	0.8	1.0	52.6	−28.7	−45.9	54.2	237		0.0	1.0	0.917	54.9	−36.4	−32.8	49.1	222		0.0	0.8	1.0	0.0	1.0	0.973	53.6	−34.2	−37.9	51.2	227		0.0	0.8	1.0			
238	223	228	0.0	0.783	1.0	52.6	−28.1	−46.5	54.3	238		0.0	1.0	0.926	54.7	−36.1	−33.6	49.5	223		0.0	0.783	1.0	0.0	1.0	0.982	53.4	−33.8	−38.7	51.5	228		0.0	0.783	1.0			
239	224	229	0.0	0.766	1.0	52.6	−27.6	−47.0	54.5	239		0.0	1.0	0.936	54.5	−35.7	−34.5	49.8	224		0.0	0.767	1.0	0.0	1.0	0.99	53.2	−33.4	−39.4	51.8	229		0.0	0.767	1.0			
240	225	230	0.0	0.75	1.0	52.6	−27.0	−47.6	54.7	240		0.0	1.0	0.945	54.3	−35.4	−35.4	50.2	225		0.0	0.75	1.0	0.0	1.0	0.999	53.1	−32.9	−40.2	52.1	230		0.0	0.75	1.0			
241	226	231	0.0	0.733	1.0	52.3	−26.1	−48.0	54.6	241		0.0	1.0	0.955	54.0	−35.0	−36.2	50.5	226		0.0	0.733	1.0	0.0	0.972	1.0	52.9	−32.5	−41.0	52.4	231		0.0	0.733	1.0			
242	227	232	0.0	0.716	1.0	51.9	−25.2	−48.3	54.5	242		0.0	1.0	0.964	53.8	−34.6	−37.1	50.9	227		0.0	0.717	1.0	0.0	0.94	1.0	52.8	−32.0	−41.8	52.8	232		0.0	0.717	1.0			
243	228	233	0.0	0.7	1.0	51.6	−24.3	−48.7	54.4	243		0.0	1.0	0.974	53.6	−34.2	−38.0	51.2	228		0.0	0.7	1.0	0.0	0.907	1.0	52.7	−31.5	−42.5	53.1	233		0.0	0.7	1.0			
244	229	234	0.0	0.683	1.0	51.2	−23.3	−49.0	54.3	244		0.0	1.0	0.983	53.4	−33.7	−38.8	51.5	229		0.0	0.683	1.0	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234		0.0	0.683	1.0			
245	230	235	0.0	0.666	1.0	50.9	−22.4	−49.3	54.2	245		0.0	1.0	0.993	53.2	−33.3	−39.7	51.9	230		0.0	0.667	1.0	0.0	0.857	1.0	52.6	−30.5	−43.9	53.6	235		0.0	0.667	1.0			
246	231	236	0.0	0.65	1.0	50.5	−21.5	−49.6	54.1	246		0.0	0.992	1.0	53.0	−32.8	−40.5	52.2	231		0.0	0.65	1.0	0.0	0.838	1.0	52.6	−29.9	−44.6	53.8	236		0.0	0.65	1.0			
247	232	237	0.0	0.633	1.0	50.1	−20.6	−49.9	54.0	247		0.0	0.957	1.0	52.9	−32.3	−41.3	52.6	232		0.0	0.633	1.0	0.0	0.819	1.0	52.6	−29.3	−45.2	54.0	237		0.0	0.633	1.0			
248	233	237	0.0	0.616	1.0	49.7	−19.6	−50.1	53.8	248		0.0	0.922	1.0	52.7	−31.8	−42.2	52.9	233		0.0	0.617	1.0	0.0	0.8	1.0	52.6	−28.7	−45.9	54.2	237		0.0	0.617	1.0			
249	234	238	0.0	0.6	1.0	49.1	−18.7	−50.2	53.5	249		0.0	0.887	1.0	52.6	−31.2	−43.0	53.3	234		0.0	0.6	1.0	0.0	0.782	1.0	52.7	−28.0	−46.5	54.4	238		0.0	0.6	1.0			
250	235	239	0.0	0.583	1.0	48.5	−17.7	−50.2	53.3	250		0.0	0.861	1.0	52.6	−30.6	−43.8	53.6	235		0.0	0.583	1.0	0.0	0.763	1.0	52.7	−27.4	−47.1	54.6	239		0.0	0.583	1.0			
251	236	240	0.0	0.566	1.0	47.9	−16.8	−50.3	53.0	251		0.0	0.841	1.0	52.6	−30.0	−44.5	53.8	236		0.0	0.567	1.0	0.0	0.745	1.0	52.6	−26.7	−47.6	54.7	240		0.0	0.567	1.0			
252	237	241	0.0	0.55	1.0	47.4	−15.8	−50.3	52.7	252		0.0	0.82	1.0	52.6	−29.3	−45.2	54.0	237		0.0	0.55	1.0	0.0	0.73	1.0	52.3	−25.9	−48.0	54.6	241		0.0	0.55	1.0			
253	238	242	0.0	0.533	1.0	46.8	−14.9	−50.3	52.5	253		0.0	0.8	1.0	52.6	−28.6	−45.9	54.2	238		0.0	0.533	1.0	0.0	0.715	1.0	52.0	−25.1	−48.3	54.5	242		0.0	0.533	1.0			
254	239	243	0.0	0.516	1.0	46.2	−13.9	−50.3	52.2	254		0.0	0.779	1.0	52.7	−27.9	−46.6	54.4	239		0.0	0.517	1.0	0.0	0.701	1.0	51.6	−24.2	−48.6	54.4	243		0.0	0.517	1.0			
255	240	244	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255		0.0	0.759	1.0	52.7	−27.2	−47.2	54.7	240		0.0	0.5	1.0	0.0	0.686	1.0	51.3	−23.4	−48.9	54.4	244		0.0	0.5	1.0			
256	241	245	0.0	0.483	1.0	45.1	−12.0	−50.2	51.6	256		0.0	0.741	1.0	52.5	−26.4	−47.7	54.7	241		0.0	0.483	1.0	0.0	0.671	1.0	51.0	−22.6	−49.2	54.3	245		0.0	0.483	1.0			
257	242	246	0.0	0.466	1.0	44.6	−11.0	−50.2	51.4	257		0.0	0.724	1.0	52.1	−25.5	−48.1	54.6	242		0.0	0.467	1.0	0.0	0.656	1.0	50.7	−21.8	−49.5	54.2	246		0.0	0.467	1.0			
258	243	247	0.0	0.45	1.0	44.0	−9.9	−50.1	51.1	258		0.0	0.708	1.0	51.8	−24.6	−48.5	54.5	243		0.0	0.45	1.0	0.0	0.641	1.0	50.4	−20.9	−49.7	54.1	247		0.0	0.45	1.0			
259	244	248	0.0	0.433	1.0	43.5	−9.0	−50.0	50.8	259		0.0	0.691	1.0	51.4	−23.7	−48.8	54.4	244		0.0	0.433	1.0	0.0	0.626	1.0	50.0	−20.1	−50.0	54.0	248		0.0	0.433	1.0			
260	245	248	0.0	0.416	1.0	43.0	−8.0	−49.9	50.5	260		0.0	0.675	1.0	51.1	−22.8	−49.1	54.3	245		0.0	0.417	1.0	0.0	0.61	1.0	49.5	−19.2	−50.1	53.7	248		0.0	0.417	1.0			
261	246	249	0.0	0.4	1.0	42.4	−7.0	−49.7	50.2	261		0.0	0.659	1.0	50.7	−21.9	−49.4	54.2	246		0.0	0.4	1.0	0.0	0.595	1.0	49.0	−18.3	−50.1	53.5	249		0.0	0.4	1.0			
263	247	250	0.0	0.383	1.0	41.9	−6.0	−49.6	49.9	263		0.0	0.642	1.0	50.4	−21.0	−49.7	54.1	247		0.0	0.383	1.0	0.0	0.58	1.0	48.4	−17.5	−50.2	53.3	250		0.0	0.383	1.0			
264	248	251	0.0	0.366	1.0	41.3	−4.9	−49.5	49.8	264		0.0	0.626	1.0	50.0	−20.1	−50.0	54.0	248		0.0	0.367	1.0	0.0	0.564	1.0	47.9	−16.6	−50.2	53.0	251		0.0	0.367	1.0			
265	249	252	0.0	0.35	1.0	40.5	−3.6	−49.6	49.8	265		0.0	0.609	1.0	49.5	−19.2	−50.1	53.7	249		0.0	0.35	1.0	0.0	0.549	1.0	47.4	−15.7	−50.2	52.8	252		0.0	0.35	1.0			
267	250	253	0.0	0.333	1.0	39.8	−2.2	−49.7	49.7	267		0.0	0.592	1.0	48.9	−18.2	−50.1	53.5	250		0.0	0.333	1.0	0.0	0.534	1.0	46.9	−14.8	−50.2	52.5	253		0.0	0.333	1.0			
268	251	254	0.0	0.316	1.0	39.0	−0.9	−49.7	49.7	268		0.0	0.575	1.0	48.3	−17.2	−50.2	53.2	251		0.0	0.317	1.0	0.0	0.518	1.0	46.3	−14.0	−50.2	52.3	254		0.0	0.317	1.0			
270	252	255	0.0	0.3	1.0	38.2	0.3	−49.7	49.7	270		0.0	0.559	1.0	47.7	−16.3	−50.2	52.9	252		0.0	0.3	1.0	0.0	0.503	1.0	45.8	−13.1	−50.2	52.0	255		0.0	0.3	1.0			
271	253	256	0.0	0.283	1.0	37.5	1.6	−49.6	49.6	271		0.0	0.542	1.0	47.1	−15.3	−50.2	52.6	253		0.0	0.283	1.0	0.0	0.489	1.0	45.3	−12.2	−50.2	51.8	256		0.0	0.283	1.0			
273	254	257	0.0	0.266	1.0	36.7	2.9	−49.5	49.6	273		0.0	0.525	1.0	46.6	−14.3	−50.2	52.4	254		0.0	0.267	1.0	0.0	0.474	1.0	44.9	−11.4	−50.1	51.5	257		0.0	0.267	1.0			
274	255	258	0.0	0.25	1.0	36.0	4.2	−49.4	49.6	274		0.0	0.508	1.0	46.0	−13.4	−50.2	52.1	255		0.0	0.25	1.0	0.0	0.46	1.0	44.4	−10.5	−50.1	51.3	258		0.0	0.25	1.0			

RE730−71 1−0131330−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 14/33

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)						*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**$_{dd}$	*rgb**$_{ds}$	*rgb**$_{de}$
274	255	258	0.0	0.25	1.0	36.0	4.2	−49.4	49.6	274		0.0	0.508	1.0	46.0	−13.4	−50.2	52.1	255	0.0	0.25	1.0	0.0	0.46	1.0	44.4	−10.5	−50.1	51.3	258	0.0	0.25	1.0			
276	256	258	0.0	0.233	1.0	35.8	5.6	−49.0	49.4	276		0.0	0.492	1.0	45.4	−12.4	−50.2	51.8	256	0.0	0.233	1.0	0.0	0.446	1.0	44.0	−9.7	−50.0	51.1	258	0.0	0.233	1.0			
278	257	259	0.0	0.216	1.0	35.6	7.0	−48.6	49.2	278		0.0	0.477	1.0	44.9	−11.5	−50.2	51.6	257	0.0	0.217	1.0	0.0	0.432	1.0	43.5	−8.8	−49.9	50.8	259	0.0	0.217	1.0			
279	258	260	0.0	0.2	1.0	35.4	8.4	−48.2	48.9	279		0.0	0.461	1.0	44.5	−10.6	−50.1	51.3	258	0.0	0.2	1.0	0.0	0.418	1.0	43.1	−8.0	−49.8	50.6	260	0.0	0.2	1.0			
281	259	261	0.0	0.183	1.0	35.2	9.8	−47.7	48.7	281		0.0	0.446	1.0	44.0	−9.6	−50.0	51.1	259	0.0	0.183	1.0	0.0	0.404	1.0	42.6	−7.2	−49.7	50.3	261	0.0	0.183	1.0			
283	260	262	0.0	0.166	1.0	35.0	11.1	−47.2	48.5	283		0.0	0.43	1.0	43.5	−8.7	−49.9	50.8	260	0.0	0.167	1.0	0.0	0.39	1.0	42.2	−6.3	−49.6	50.1	262	0.0	0.167	1.0			
284	261	263	0.0	0.15	1.0	34.8	12.4	−46.7	48.3	284		0.0	0.415	1.0	43.0	−7.8	−49.8	50.5	261	0.0	0.15	1.0	0.0	0.376	1.0	41.7	−5.5	−49.5	49.9	263	0.0	0.15	1.0			
286	262	264	0.0	0.133	1.0	34.7	13.7	−46.1	48.1	286		0.0	0.399	1.0	42.5	−6.9	−49.7	50.3	262	0.0	0.133	1.0	0.0	0.366	1.0	41.3	−4.7	−49.5	49.8	264	0.0	0.133	1.0			
288	263	265	0.0	0.116	1.0	34.4	15.1	−45.7	48.1	288		0.0	0.384	1.0	42.0	−6.0	−49.5	50.0	263	0.0	0.117	1.0	0.0	0.356	1.0	40.8	−3.9	−49.6	49.8	265	0.0	0.117	1.0			
289	264	266	0.0	0.1	1.0	34.0	16.4	−45.5	48.4	289		0.0	0.37	1.0	41.5	−5.1	−49.5	49.8	264	0.0	0.1	1.0	0.0	0.345	1.0	40.4	−3.1	−49.6	49.8	266	0.0	0.1	1.0			
291	265	267	0.0	0.083	1.0	33.6	17.8	−45.2	48.6	291		0.0	0.359	1.0	41.0	−4.2	−49.5	49.8	265	0.0	0.083	1.0	0.0	0.335	1.0	39.9	−2.4	−49.6	49.8	267	0.0	0.083	1.0			
293	266	268	0.0	0.066	1.0	33.3	19.2	−44.9	48.9	293		0.0	0.348	1.0	40.5	−3.4	−49.6	49.8	266	0.0	0.067	1.0	0.0	0.325	1.0	39.4	−1.6	−49.6	49.8	268	0.0	0.067	1.0			
294	267	269	0.0	0.049	1.0	32.9	20.5	−44.6	49.1	294		0.0	0.337	1.0	40.0	−2.5	−49.6	49.8	267	0.0	0.05	1.0	0.0	0.315	1.0	39.0	−0.8	−49.6	49.7	269	0.0	0.05	1.0			
296	268	269	0.0	0.033	1.0	32.5	21.9	−44.2	49.4	296		0.0	0.326	1.0	39.5	−1.6	−49.6	49.8	268	0.0	0.033	1.0	0.0	0.305	1.0	38.5	0.0	−49.6	49.7	269	0.0	0.033	1.0			
297	269	270	0.0	0.016	1.0	32.2	23.3	−43.8	49.6	297		0.0	0.315	1.0	39.0	−0.8	−49.6	49.7	269	0.0	0.017	1.0	0.0	0.295	1.0	38.1	0.7	−49.6	49.7	270	0.0	0.017	1.0			
299	270	271	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299	B_d	0.0	0.304	1.0	38.5	0.0	−49.6	49.7	270	B_s	0.0	0.0	1.0	0.0	0.285	1.0	37.6	1.5	−49.6	49.7	271	B_e	0.0	0.0	1.0			
300	271	272	0.016	0.0	1.0	31.7	25.5	−43.0	50.1	300		0.0	0.293	1.0	38.0	0.9	−49.6	49.7	271	0.017	0.0	1.0	0.0	0.275	1.0	37.1	2.3	−49.5	49.7	272	0.017	0.0	1.0			
301	272	273	0.033	0.0	1.0	31.6	26.5	−42.7	50.3	301		0.0	0.282	1.0	37.5	1.7	−49.6	49.7	272	0.033	0.0	1.0	0.0	0.264	1.0	36.7	3.1	−49.4	49.6	273	0.033	0.0	1.0			
302	273	274	0.05	0.0	1.0	31.6	27.4	−42.4	50.5	302		0.0	0.271	1.0	37.0	2.6	−49.5	49.7	273	0.05	0.0	1.0	0.0	0.254	1.0	36.2	4.0	−49.4	49.6	274	0.05	0.0	1.0			
303	274	275	0.066	0.0	1.0	31.5	28.3	−42.0	50.7	303		0.0	0.26	1.0	36.5	3.5	−49.4	49.6	274	0.067	0.0	1.0	0.0	0.244	1.0	36.0	4.8	−49.2	49.5	275	0.067	0.0	1.0			
305	275	276	0.083	0.0	1.0	31.4	29.2	−41.6	50.9	305		0.0	0.249	1.0	36.0	4.3	−49.3	49.6	275	0.083	0.0	1.0	0.0	0.234	1.0	35.9	5.6	−49.0	49.4	276	0.083	0.0	1.0			
306	276	277	0.1	0.0	1.0	31.3	30.1	−41.2	51.1	306		0.0	0.239	1.0	35.9	5.2	−49.1	49.5	276	0.1	0.0	1.0	0.0	0.225	1.0	35.8	6.4	−48.8	49.3	277	0.1	0.0	1.0			
307	277	278	0.116	0.0	1.0	31.3	31.0	−40.8	51.3	307		0.0	0.229	1.0	35.8	6.0	−48.9	49.4	277	0.117	0.0	1.0	0.0	0.216	1.0	35.6	7.2	−48.6	49.2	278	0.117	0.0	1.0			
308	278	279	0.133	0.0	1.0	31.2	32.0	−40.3	51.5	308		0.0	0.219	1.0	35.7	6.9	−48.7	49.2	278	0.133	0.0	1.0	0.0	0.206	1.0	35.5	7.9	−48.3	49.1	279	0.133	0.0	1.0			
309	279	280	0.15	0.0	1.0	31.2	33.0	−39.8	51.7	309		0.0	0.209	1.0	35.6	7.7	−48.4	49.1	279	0.15	0.0	1.0	0.0	0.197	1.0	35.4	8.7	−48.1	48.9	280	0.15	0.0	1.0			
310	280	281	0.166	0.0	1.0	31.2	34.1	−39.2	51.9	310		0.0	0.199	1.0	35.5	8.5	−48.1	49.0	280	0.167	0.0	1.0	0.0	0.187	1.0	35.3	9.5	−47.8	48.8	281	0.167	0.0	1.0			
312	281	282	0.183	0.0	1.0	31.2	35.1	−38.6	52.2	312		0.0	0.189	1.0	35.3	9.3	−47.9	48.9	281	0.183	0.0	1.0	0.0	0.178	1.0	35.2	10.3	−47.5	48.7	282	0.183	0.0	1.0			
313	282	283	0.2	0.0	1.0	31.2	36.1	−38.0	52.4	313		0.0	0.18	1.0	35.2	10.1	−47.6	48.7	282	0.2	0.0	1.0	0.0	0.168	1.0	35.1	11.0	−47.2	48.6	283	0.2	0.0	1.0			
314	283	284	0.216	0.0	1.0	31.2	37.1	−37.3	52.6	314		0.0	0.17	1.0	35.1	10.9	−47.3	48.6	283	0.217	0.0	1.0	0.0	0.159	1.0	35.0	11.8	−46.9	48.5	284	0.217	0.0	1.0			
316	284	285	0.233	0.0	1.0	31.2	38.1	−36.6	52.8	316		0.0	0.16	1.0	35.0	11.7	−46.9	48.5	284	0.233	0.0	1.0	0.0	0.15	1.0	34.9	12.5	−46.6	48.4	285	0.233	0.0	1.0			
317	285	285	0.25	0.0	1.0	31.2	39.0	−35.9	53.1	317		0.0	0.15	1.0	34.9	12.5	−46.6	48.4	285	0.25	0.0	1.0	0.0	0.14	1.0	34.8	13.3	−46.3	48.2	285	0.25	0.0	1.0			
318	286	286	0.266	0.0	1.0	31.5	39.9	−35.5	53.4	318		0.0	0.14	1.0	34.8	13.3	−46.3	48.2	286	0.267	0.0	1.0	0.0	0.131	1.0	34.7	14.0	−45.9	48.1	286	0.267	0.0	1.0			
319	287	287	0.283	0.0	1.0	31.8	40.8	−35.0	53.8	319		0.0	0.13	1.0	34.7	14.1	−45.9	48.1	287	0.283	0.0	1.0	0.0	0.121	1.0	34.5	14.7	−45.7	48.1	287	0.283	0.0	1.0			
320	288	288	0.3	0.0	1.0	32.1	41.7	−34.5	54.1	320		0.0	0.12	1.0	34.5	14.9	−45.7	48.1	288	0.3	0.0	1.0	0.0	0.111	1.0	34.3	15.5	−45.6	48.2	288	0.3	0.0	1.0			
321	289	289	0.316	0.0	1.0	32.4	42.6	−34.0	54.5	321		0.0	0.109	1.0	34.3	15.7	−45.5	48.3	289	0.317	0.0	1.0	0.0	0.102	1.0	34.1	16.3	−45.4	48.4	289	0.317	0.0	1.0			
322	290	290	0.333	0.0	1.0	32.7	43.4	−33.5	54.9	322		0.0	0.099	1.0	34.0	16.6	−45.4	48.4	290	0.333	0.0	1.0	0.0	0.092	1.0	33.9	17.2	−45.3	48.5	290	0.333	0.0	1.0			
323	291	291	0.35	0.0	1.0	33.0	44.3	−32.9	55.2	323		0.0	0.089	1.0	33.8	17.4	−45.3	48.6	291	0.35	0.0	1.0	0.0	0.082	1.0	33.7	18.0	−45.1	48.7	291	0.35	0.0	1.0			
324	292	292	0.366	0.0	1.0	33.3	45.2	−32.4	55.6	324		0.0	0.078	1.0	33.6	18.3	−45.1	48.7	292	0.367	0.0	1.0	0.0	0.072	1.0	33.4	18.8	−45.0	48.8	292	0.367	0.0	1.0			
325	293	293	0.383	0.0	1.0	33.6	45.9	−31.9	55.9	325		0.0	0.068	1.0	33.3	19.1	−44.9	48.9	293	0.383	0.0	1.0	0.0	0.063	1.0	33.2	19.6	−44.8	49.0	293	0.383	0.0	1.0			
325	294	294	0.4	0.0	1.0	33.9	46.5	−31.5	56.2	325		0.0	0.058	1.0	33.1	19.9	−44.7	49.0	294	0.4	0.0	1.0	0.0	0.053	1.0	33.0	20.4	−44.6	49.1	294	0.4	0.0	1.0			
326	295	295	0.416	0.0	1.0	34.2	47.1	−31.1	56.4	326		0.0	0.048	1.0	32.9	20.8	−44.5	49.2	295	0.417	0.0	1.0	0.0	0.043	1.0	32.8	21.2	−44.4	49.3	295	0.417	0.0	1.0			
327	296	296	0.433	0.0	1.0	34.6	47.7	−30.7	56.7	327		0.0	0.037	1.0	32.7	21.6	−44.3	49.3	296	0.433	0.0	1.0	0.0	0.033	1.0	32.6	22.0	−44.2	49.4	296	0.433	0.0	1.0			
327	297	297	0.45	0.0	1.0	34.9	48.2	−30.3	57.0	327		0.0	0.027	1.0	32.4	22.5	−44.0	49.5	297	0.45	0.0	1.0	0.0	0.024	1.0	32.4	22.7	−43.9	49.6	297	0.45	0.0	1.0			
328	298	298	0.466	0.0	1.0	35.2	48.8	−29.8	57.2	328		0.0	0.017	1.0	32.2	23.3	−43.7	49.7	298	0.467	0.0	1.0	0.0	0.014	1.0	32.1	23.5	−43.7	49.7	298	0.467	0.0	1.0			
329	299	299	0.483	0.0	1.0	35.6	49.4	−29.4	57.5	329		0.0	0.006	1.0	32.0	24.1	−43.5	49.8	299	0.483	0.0	1.0	0.0	0.004	1.0	31.9	24.3	−43.4	49.8	299	0.483	0.0	1.0			
329	300	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329		0.006	0.0	1.0	31.8	25.0	−43.2	50.0	300	0.5	0.0	1.0	0.009	0.0	1.0	31.8	25.1	−43.1	50.0	300	0.5	0.0	1.0			

RE730−71 1−0131430−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 15/33

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

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

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
329	300	300	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329	0.006	0.0	1.0	31.8	25.0	−43.2	50.0	300	0.5	0.0	1.0	0.009	0.0	1.0	31.8	25.1	−43.1	50.0	300	0.5	0.0	1.0			
330	301	301	0.516	0.0	1.0	36.3	50.7	−28.4	58.1	330	0.021	0.0	1.0	31.7	25.8	−42.9	50.2	301	0.517	0.0	1.0	0.023	0.0	1.0	31.7	25.9	−42.9	50.2	301	0.517	0.0	1.0			
331	302	302	0.533	0.0	1.0	36.6	51.4	−27.8	58.5	331	0.036	0.0	1.0	31.7	26.7	−42.6	50.3	302	0.533	0.0	1.0	0.038	0.0	1.0	31.7	26.7	−42.6	50.4	302	0.533	0.0	1.0			
332	303	303	0.55	0.0	1.0	37.0	52.2	−27.3	58.9	332	0.052	0.0	1.0	31.6	27.5	−42.3	50.5	303	0.55	0.0	1.0	0.052	0.0	1.0	31.6	27.5	−42.3	50.5	303	0.55	0.0	1.0			
333	304	303	0.566	0.0	1.0	37.4	52.9	−26.7	59.3	333	0.067	0.0	1.0	31.5	28.4	−42.0	50.7	304	0.567	0.0	1.0	0.067	0.0	1.0	31.5	28.3	−42.0	50.7	303	0.567	0.0	1.0			
334	305	304	0.583	0.0	1.0	37.8	53.6	−26.1	59.6	334	0.082	0.0	1.0	31.5	29.2	−41.6	50.9	305	0.583	0.0	1.0	0.081	0.0	1.0	31.5	29.1	−41.6	50.9	304	0.583	0.0	1.0			
334	306	305	0.6	0.0	1.0	38.1	54.3	−25.5	60.0	334	0.098	0.0	1.0	31.4	30.0	−41.2	51.1	306	0.6	0.0	1.0	0.096	0.0	1.0	31.4	29.9	−41.3	51.1	305	0.6	0.0	1.0			
335	307	306	0.616	0.0	1.0	38.5	55.0	−24.9	60.4	335	0.113	0.0	1.0	31.3	30.9	−40.9	51.3	307	0.617	0.0	1.0	0.11	0.0	1.0	31.3	30.7	−40.9	51.3	306	0.617	0.0	1.0			
336	308	307	0.633	0.0	1.0	38.9	55.7	−24.2	60.8	336	0.128	0.0	1.0	31.3	31.7	−40.5	51.5	308	0.633	0.0	1.0	0.125	0.0	1.0	31.3	31.5	−40.6	51.4	307	0.633	0.0	1.0			
337	309	308	0.65	0.0	1.0	39.3	56.4	−23.5	61.1	337	0.141	0.0	1.0	31.3	32.5	−40.0	51.6	309	0.65	0.0	1.0	0.137	0.0	1.0	31.3	32.3	−40.2	51.6	308	0.65	0.0	1.0			
338	310	309	0.666	0.0	1.0	39.7	57.0	−22.8	61.4	338	0.154	0.0	1.0	31.3	33.3	−39.6	51.8	310	0.667	0.0	1.0	0.149	0.0	1.0	31.3	33.0	−39.8	51.8	309	0.667	0.0	1.0			
339	311	310	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339	0.167	0.0	1.0	31.3	34.1	−39.1	52.0	311	0.683	0.0	1.0	0.162	0.0	1.0	31.3	33.8	−39.3	51.9	310	0.683	0.0	1.0			
339	312	311	0.7	0.0	1.0	40.5	58.3	−21.4	62.1	339	0.18	0.0	1.0	31.3	34.9	−38.7	52.2	312	0.7	0.0	1.0	0.174	0.0	1.0	31.3	34.6	−38.9	52.1	311	0.7	0.0	1.0			
340	313	312	0.716	0.0	1.0	40.9	58.9	−20.6	62.4	340	0.193	0.0	1.0	31.3	35.7	−38.2	52.3	313	0.717	0.0	1.0	0.186	0.0	1.0	31.3	35.3	−38.4	52.3	312	0.717	0.0	1.0			
341	314	313	0.733	0.0	1.0	41.3	59.5	−19.9	62.8	341	0.206	0.0	1.0	31.3	36.5	−37.7	52.5	314	0.733	0.0	1.0	0.199	0.0	1.0	31.3	36.1	−38.0	52.4	313	0.733	0.0	1.0			
342	315	314	0.75	0.0	1.0	41.7	60.2	−19.1	63.1	342	0.219	0.0	1.0	31.3	37.3	−37.2	52.7	315	0.75	0.0	1.0	0.211	0.0	1.0	31.3	36.8	−37.5	52.6	314	0.75	0.0	1.0			
342	316	315	0.766	0.0	1.0	42.1	60.8	−18.7	63.6	342	0.232	0.0	1.0	31.3	38.0	−36.6	52.9	316	0.767	0.0	1.0	0.223	0.0	1.0	31.3	37.5	−37.0	52.8	315	0.767	0.0	1.0			
343	317	316	0.783	0.0	1.0	42.4	61.4	−18.3	64.1	343	0.245	0.0	1.0	31.3	38.8	−36.1	53.1	317	0.783	0.0	1.0	0.236	0.0	1.0	31.3	38.3	−36.5	52.9	316	0.783	0.0	1.0			
343	318	317	0.8	0.0	1.0	42.8	62.0	−17.9	64.6	343	0.26	0.0	1.0	31.4	39.6	−35.6	53.3	318	0.8	0.0	1.0	0.248	0.0	1.0	31.3	39.0	−35.9	53.1	317	0.8	0.0	1.0			
344	319	318	0.816	0.0	1.0	43.2	62.7	−17.5	65.1	344	0.277	0.0	1.0	31.7	40.5	−35.1	53.7	319	0.817	0.0	1.0	0.263	0.0	1.0	31.5	39.8	−35.5	53.4	318	0.817	0.0	1.0			
344	320	319	0.833	0.0	1.0	43.5	63.3	−17.1	65.6	344	0.294	0.0	1.0	32.0	41.4	−34.6	54.1	320	0.833	0.0	1.0	0.279	0.0	1.0	31.8	40.6	−35.1	53.7	319	0.833	0.0	1.0			
345	321	320	0.85	0.0	1.0	43.9	63.9	−16.7	66.0	345	0.31	0.0	1.0	32.3	42.3	−34.1	54.4	321	0.85	0.0	1.0	0.295	0.0	1.0	32.1	41.5	−34.6	54.1	320	0.85	0.0	1.0			
345	322	321	0.866	0.0	1.0	44.2	64.5	−16.2	66.5	345	0.327	0.0	1.0	32.6	43.2	−33.6	54.8	322	0.867	0.0	1.0	0.311	0.0	1.0	32.3	42.3	−34.1	54.4	321	0.867	0.0	1.0			
346	323	321	0.883	0.0	1.0	44.6	65.2	−15.7	67.1	346	0.344	0.0	1.0	32.9	44.0	−33.1	55.1	323	0.883	0.0	1.0	0.327	0.0	1.0	32.6	43.1	−33.6	54.8	321	0.883	0.0	1.0			
347	324	322	0.9	0.0	1.0	45.1	66.0	−15.0	67.7	347	0.361	0.0	1.0	33.2	44.9	−32.5	55.5	324	0.9	0.0	1.0	0.343	0.0	1.0	32.9	44.0	−33.1	55.1	322	0.9	0.0	1.0			
347	325	323	0.916	0.0	1.0	45.5	66.7	−14.4	68.2	347	0.378	0.0	1.0	33.5	45.8	−31.9	55.9	325	0.917	0.0	1.0	0.358	0.0	1.0	33.2	44.8	−32.6	55.4	323	0.917	0.0	1.0			
348	326	324	0.933	0.0	1.0	45.9	67.4	−13.7	68.8	348	0.403	0.0	1.0	34.0	46.6	−31.4	56.3	326	0.933	0.0	1.0	0.374	0.0	1.0	33.4	45.6	−32.0	55.8	324	0.933	0.0	1.0			
349	327	325	0.95	0.0	1.0	46.4	68.2	−13.0	69.4	349	0.428	0.0	1.0	34.5	47.5	−30.8	56.7	327	0.95	0.0	1.0	0.397	0.0	1.0	33.9	46.4	−31.5	56.2	325	0.95	0.0	1.0			
349	328	326	0.966	0.0	1.0	46.8	68.9	−12.3	70.0	349	0.453	0.0	1.0	35.0	48.4	−30.1	57.1	328	0.967	0.0	1.0	0.421	0.0	1.0	34.4	47.3	−30.9	56.5	326	0.967	0.0	1.0			
350	329	327	0.983	0.0	1.0	47.2	69.6	−11.6	70.6	350	0.477	0.0	1.0	35.5	49.2	−29.5	57.5	329	0.983	0.0	1.0	0.444	0.0	1.0	34.8	48.1	−30.3	56.9	327	0.983	0.0	1.0			
351	330	328	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351	M_d	0.502	0.0	1.0	36.0	50.1	−28.8	57.9	330	M_s	1.0	0.0	1.0	0.468	0.0	1.0	35.3	48.9	−29.7	57.3	328	M_e	1.0	0.0	1.0			
351	331	329	1.0	0.0	0.983	47.6	70.3	−10.7	71.1	351	0.522	0.0	1.0	36.4	51.0	−28.2	58.3	331	1.0	0.0	0.983	0.491	0.0	1.0	35.8	49.7	−29.1	57.7	329	1.0	0.0	0.983			
351	332	330	1.0	0.0	0.966	47.5	70.3	−10.4	71.0	351	0.542	0.0	1.0	36.9	51.9	−27.5	58.8	332	1.0	0.0	0.967	0.512	0.0	1.0	36.2	50.6	−28.5	58.1	330	1.0	0.0	0.967			
351	333	331	1.0	0.0	0.95	47.5	70.2	−10.2	71.0	351	0.563	0.0	1.0	37.4	52.8	−26.8	59.2	333	1.0	0.0	0.95	0.531	0.0	1.0	36.7	51.4	−27.9	58.5	331	1.0	0.0	0.95			
351	334	332	1.0	0.0	0.933	47.4	70.2	−10.0	70.9	351	0.583	0.0	1.0	37.8	53.6	−26.1	59.7	334	1.0	0.0	0.933	0.55	0.0	1.0	37.1	52.2	−27.2	59.0	332	1.0	0.0	0.933			
352	335	333	1.0	0.0	0.916	47.3	70.1	−9.8	70.8	352	0.603	0.0	1.0	38.3	54.5	−25.3	60.1	335	1.0	0.0	0.917	0.57	0.0	1.0	37.5	53.1	−26.5	59.4	333	1.0	0.0	0.917			
352	336	334	1.0	0.0	0.9	47.2	70.0	−9.5	70.7	352	0.623	0.0	1.0	38.7	55.4	−24.6	60.6	336	1.0	0.0	0.9	0.589	0.0	1.0	37.9	53.9	−25.8	59.8	334	1.0	0.0	0.9			
352	337	335	1.0	0.0	0.883	47.2	70.0	−9.3	70.6	352	0.643	0.0	1.0	39.2	56.2	−23.7	61.0	337	1.0	0.0	0.883	0.608	0.0	1.0	38.4	54.7	−25.1	60.3	335	1.0	0.0	0.883			
352	338	336	1.0	0.0	0.866	47.1	69.8	−8.8	70.4	352	0.663	0.0	1.0	39.7	56.9	−22.9	61.4	338	1.0	0.0	0.867	0.627	0.0	1.0	38.8	55.5	−24.4	60.7	336	1.0	0.0	0.867			
353	339	337	1.0	0.0	0.85	46.9	69.6	−7.9	70.0	353	0.683	0.0	1.0	40.2	57.7	−22.1	61.8	339	1.0	0.0	0.85	0.646	0.0	1.0	39.3	56.3	−23.6	61.1	337	1.0	0.0	0.85			
354	340	338	1.0	0.0	0.833	46.8	69.3	−7.1	69.6	354	0.703	0.0	1.0	40.6	58.5	−21.2	62.2	340	1.0	0.0	0.833	0.665	0.0	1.0	39.7	57.0	−22.8	61.4	338	1.0	0.0	0.833			
354	341	339	1.0	0.0	0.816	46.7	69.0	−6.3	69.3	354	0.723	0.0	1.0	41.1	59.2	−20.3	62.6	341	1.0	0.0	0.817	0.684	0.0	1.0	40.2	57.7	−22.0	61.8	339	1.0	0.0	0.817			
355	342	339	1.0	0.0	0.8	46.6	68.7	−5.5	68.9	355	0.743	0.0	1.0	41.6	59.9	−19.4	63.0	342	1.0	0.0	0.8	0.703	0.0	1.0	40.6	58.5	−21.2	62.2	339	1.0	0.0	0.8			
356	343	340	1.0	0.0	0.783	46.4	68.3	−4.6	68.5	356	0.771	0.0	1.0	42.2	61.0	−18.6	63.8	343	1.0	0.0	0.783	0.721	0.0	1.0	41.1	59.2	−20.4	62.6	340	1.0	0.0	0.783			
356	344	341	1.0	0.0	0.766	46.3	68.0	−3.8	68.1	356	0.805	0.0	1.0	42.9	62.3	−17.8	64.8	344	1.0	0.0	0.767	0.74	0.0	1.0	41.5	59.9	−19.5	63.0	341	1.0	0.0	0.767			
357	345	342	1.0	0.0	0.75	46.2	67.7	−3.0	67.7	357	0.838	0.0	1.0	43.7	63.5	−16.9	65.7	345	1.0	0.0	0.75	0.765	0.0	1.0	42.1	60.8	−18.7	63.6	342	1.0	0.0	0.75			

RE730−71 1−0131530−L0 LAB*la0, YN=0%, XYZnw=2.1, 2.2, 2.2, 85.7, 90.7, 95.0, LAB*nw=16.4, 0.0, 0.0, 96.3, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 16/33

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

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

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

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

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**			dd361M	*LAB**			ddx361Mi (x=LabCh)			*rgb**			ds361Mi	*LAB**			dsx361Mi (x=LabCh)			*rgb**			dd361Mi	*rgb**			de361Mi	*LAB**			dex361Mi (x=LabCh)			*rgb**			dd361Mi
357	345	342	1.0	0.0	0.75		46.2	67.7	−3.0	67.7	357		0.838	0.0	1.0		43.7	63.5	−16.9	65.7	345		1.0	0.0	0.75		0.765	0.0	1.0		42.1	60.8	−18.7	63.6	342		1.0	0.0	0.75
358	346	343	1.0	0.0	0.733		46.2	67.4	−2.0	67.4	358		0.871	0.0	1.0		44.4	64.7	−16.0	66.7	346		1.0	0.0	0.733		0.797	0.0	1.0		42.8	62.0	−17.9	64.5	343		1.0	0.0	0.733
359	347	344	1.0	0.0	0.716		46.2	67.0	−0.9	67.0	359		0.897	0.0	1.0		45.0	65.9	−15.1	67.6	347		1.0	0.0	0.717		0.829	0.0	1.0		43.5	63.2	−17.2	65.5	344		1.0	0.0	0.717
360	348	345	1.0	0.0	0.7		46.2	66.7	0.1	66.7	360		0.922	0.0	1.0		45.7	67.0	−14.1	68.5	348		1.0	0.0	0.7		0.86	0.0	1.0		44.1	64.3	−16.3	66.4	345		1.0	0.0	0.7
361	349	346	1.0	0.0	0.683		46.2	66.3	1.1	66.3	361		0.946	0.0	1.0		46.3	68.1	−13.1	69.3	349		1.0	0.0	0.683		0.887	0.0	1.0		44.8	65.4	−15.5	67.3	346		1.0	0.0	0.683
361	350	347	1.0	0.0	0.666		46.2	66.0	2.1	66.0	361		0.971	0.0	1.0		47.0	69.2	−12.1	70.2	350		1.0	0.0	0.667		0.911	0.0	1.0		45.4	66.5	−14.6	68.1	347		1.0	0.0	0.667
362	351	348	1.0	0.0	0.65		46.2	65.6	3.2	65.6	362		0.996	0.0	1.0		47.6	70.2	−11.0	71.1	351		1.0	0.0	0.65		0.934	0.0	1.0		46.0	67.5	−13.6	68.9	348		1.0	0.0	0.65
363	352	349	1.0	0.0	0.633		46.2	65.2	4.2	65.3	363		1.0	0.0	0.92		47.4	70.2	−9.8	70.9	352		1.0	0.0	0.633		0.958	0.0	1.0		46.6	68.6	−12.7	69.7	349		1.0	0.0	0.633
364	353	350	1.0	0.0	0.616		46.2	64.8	5.2	65.0	364		1.0	0.0	0.861		47.1	69.8	−8.5	70.3	353		1.0	0.0	0.617		0.981	0.0	1.0		47.2	69.6	−11.7	70.6	350		1.0	0.0	0.617
365	354	351	1.0	0.0	0.6		46.1	64.5	6.2	64.8	365		1.0	0.0	0.836		46.9	69.4	−7.2	69.7	354		1.0	0.0	0.6		1.0	0.0	0.982		47.6	70.4	−10.6	71.2	351		1.0	0.0	0.6
366	355	352	1.0	0.0	0.583		46.1	64.2	7.2	64.6	366		1.0	0.0	0.811		46.7	68.9	−5.9	69.2	355		1.0	0.0	0.583		1.0	0.0	0.891		47.3	70.1	−9.4	70.7	352		1.0	0.0	0.583
367	356	353	1.0	0.0	0.566		46.0	63.8	8.2	64.4	367		1.0	0.0	0.785		46.5	68.4	−4.7	68.6	356		1.0	0.0	0.567		1.0	0.0	0.855		47.0	69.7	−8.1	70.2	353		1.0	0.0	0.567
368	357	354	1.0	0.0	0.55		46.0	63.5	9.2	64.1	368		1.0	0.0	0.76		46.3	67.9	−3.5	68.0	357		1.0	0.0	0.55		1.0	0.0	0.831		46.8	69.3	−6.9	69.6	354		1.0	0.0	0.55
369	358	355	1.0	0.0	0.533		45.9	63.1	10.2	63.9	369		1.0	0.0	0.739		46.2	67.5	−2.3	67.6	358		1.0	0.0	0.533		1.0	0.0	0.807		46.7	68.8	−5.7	69.1	355		1.0	0.0	0.533
370	359	356	1.0	0.0	0.516		45.9	62.7	11.2	63.7	370		1.0	0.0	0.72		46.2	67.2	−1.1	67.2	359		1.0	0.0	0.517		1.0	0.0	0.783		46.5	68.4	−4.6	68.5	356		1.0	0.0	0.517
371	360	352	1.0	0.0	0.5		45.8	62.3	12.1	63.5	371		1.0	0.0	0.702		46.2	66.8	0.0	66.8	360		1.0	0.0	0.5		1.0	0.0	0.914		47.4	70.1	−9.7	70.8	352		1.0	0.0	0.5
371	361	353	1.0	0.0	0.483		45.8	62.1	13.1	63.5	371		1.0	0.0	0.683		46.2	66.4	1.2	66.4	361		1.0	0.0	0.483		1.0	0.0	0.857		47.0	69.7	−8.2	70.2	353		1.0	0.0	0.483
372	362	354	1.0	0.0	0.466		45.9	61.8	14.1	63.4	372		1.0	0.0	0.665		46.3	66.0	2.3	66.0	362		1.0	0.0	0.467		1.0	0.0	0.829		46.8	69.2	−6.8	69.6	354		1.0	0.0	0.467
373	363	355	1.0	0.0	0.45		45.9	61.6	15.1	63.4	373		1.0	0.0	0.647		46.3	65.5	3.4	65.6	363		1.0	0.0	0.45		1.0	0.0	0.8		46.6	68.7	−5.4	68.9	355		1.0	0.0	0.45
374	364	356	1.0	0.0	0.433		45.9	61.3	16.1	63.4	374		1.0	0.0	0.628		46.3	65.1	4.6	65.2	364		1.0	0.0	0.433		1.0	0.0	0.772		46.4	68.2	−4.0	68.3	356		1.0	0.0	0.433
375	365	357	1.0	0.0	0.416		45.9	61.0	17.1	63.3	375		1.0	0.0	0.61		46.2	64.7	5.7	65.0	365		1.0	0.0	0.417		1.0	0.0	0.745		46.2	67.6	−2.7	67.7	357		1.0	0.0	0.417
376	366	358	1.0	0.0	0.4		45.9	60.7	18.1	63.3	376		1.0	0.0	0.592		46.2	64.4	6.8	64.7	366		1.0	0.0	0.4		1.0	0.0	0.725		46.2	67.3	−1.4	67.3	358		1.0	0.0	0.4
377	367	359	1.0	0.0	0.383		45.9	60.3	19.1	63.3	377		1.0	0.0	0.573		46.1	64.0	7.9	64.5	367		1.0	0.0	0.383		1.0	0.0	0.704		46.2	66.8	−0.1	66.8	359		1.0	0.0	0.383
378	368	360	1.0	0.0	0.366		45.9	60.1	20.1	63.4	378		1.0	0.0	0.555		46.1	63.6	8.9	64.3	368		1.0	0.0	0.367		1.0	0.0	0.684		46.2	66.4	1.1	66.4	360		1.0	0.0	0.367
379	369	362	1.0	0.0	0.35		46.0	60.0	21.2	63.7	379		1.0	0.0	0.537		46.0	63.2	10.0	64.0	369		1.0	0.0	0.35		1.0	0.0	0.663		46.3	65.9	2.4	66.0	362		1.0	0.0	0.35
380	370	363	1.0	0.0	0.333		46.0	59.9	22.3	64.0	380		1.0	0.0	0.519		45.9	62.8	11.1	63.8	370		1.0	0.0	0.333		1.0	0.0	0.643		46.3	65.4	3.7	65.5	363		1.0	0.0	0.333
381	371	364	1.0	0.0	0.316		46.0	59.8	23.4	64.3	381		1.0	0.0	0.501		45.9	62.4	12.1	63.6	371		1.0	0.0	0.317		1.0	0.0	0.622		46.3	65.0	4.9	65.1	364		1.0	0.0	0.317
382	372	365	1.0	0.0	0.3		46.1	59.7	24.5	64.6	382		1.0	0.0	0.483		45.9	62.1	13.2	63.5	372		1.0	0.0	0.3		1.0	0.0	0.602		46.2	64.6	6.1	64.9	365		1.0	0.0	0.3
383	373	366	1.0	0.0	0.283		46.1	59.5	25.7	64.8	383		1.0	0.0	0.465		45.9	61.9	14.3	63.5	373		1.0	0.0	0.283		1.0	0.0	0.582		46.1	64.2	7.4	64.6	366		1.0	0.0	0.283
384	374	367	1.0	0.0	0.266		46.2	59.4	26.8	65.1	384		1.0	0.0	0.447		45.9	61.6	15.3	63.4	374		1.0	0.0	0.267		1.0	0.0	0.562		46.1	63.8	8.6	64.3	367		1.0	0.0	0.267
385	375	368	1.0	0.0	0.25		46.2	59.2	27.9	65.4	385		1.0	0.0	0.429		45.9	61.3	16.4	63.4	375		1.0	0.0	0.25		1.0	0.0	0.541		46.0	63.3	9.8	64.1	368		1.0	0.0	0.25
385	376	369	1.0	0.0	0.233		46.3	59.2	28.8	65.9	385		1.0	0.0	0.412		45.9	60.9	17.5	63.4	376		1.0	0.0	0.233		1.0	0.0	0.521		46.0	62.9	11.0	63.8	369		1.0	0.0	0.233
386	377	370	1.0	0.0	0.216		46.3	59.3	29.7	66.3	386		1.0	0.0	0.394		46.0	60.6	18.5	63.3	377		1.0	0.0	0.217		1.0	0.0	0.501		45.9	62.4	12.1	63.6	370		1.0	0.0	0.217
387	378	372	1.0	0.0	0.2		46.4	59.3	30.6	66.8	387		1.0	0.0	0.376		46.0	60.2	19.6	63.3	378		1.0	0.0	0.2		1.0	0.0	0.481		45.9	62.1	13.3	63.5	372		1.0	0.0	0.2
388	379	373	1.0	0.0	0.183		46.4	59.3	31.6	67.2	388		1.0	0.0	0.359		46.0	60.1	20.7	63.6	379		1.0	0.0	0.183		1.0	0.0	0.461		45.9	61.8	14.5	63.5	373		1.0	0.0	0.183
388	380	374	1.0	0.0	0.166		46.5	59.3	32.5	67.7	388		1.0	0.0	0.341		46.0	60.0	21.9	63.9	380		1.0	0.0	0.167		1.0	0.0	0.441		45.9	61.5	15.7	63.4	374		1.0	0.0	0.167
389	381	375	1.0	0.0	0.15		46.5	59.3	33.4	68.1	389		1.0	0.0	0.324		46.1	59.9	23.0	64.2	381		1.0	0.0	0.15		1.0	0.0	0.421		45.9	61.1	16.9	63.4	375		1.0	0.0	0.15
390	382	376	1.0	0.0	0.133		46.6	59.3	34.4	68.6	390		1.0	0.0	0.307		46.1	59.8	24.2	64.5	382		1.0	0.0	0.133		1.0	0.0	0.402		45.9	60.7	18.1	63.4	376		1.0	0.0	0.133
390	383	377	1.0	0.0	0.116		46.6	59.4	35.2	69.0	390		1.0	0.0	0.289		46.2	59.6	25.3	64.8	383		1.0	0.0	0.117		1.0	0.0	0.382		46.0	60.3	19.2	63.3	377		1.0	0.0	0.117
391	384	378	1.0	0.0	0.1		46.7	59.4	35.8	69.4	391		1.0	0.0	0.272		46.2	59.5	26.5	65.1	384		1.0	0.0	0.1		1.0	0.0	0.362		46.0	60.1	20.5	63.5	378		1.0	0.0	0.1
391	385	379	1.0	0.0	0.083		46.7	59.5	36.5	69.8	391		1.0	0.0	0.255		46.2	59.3	27.6	65.4	385		1.0	0.0	0.083		1.0	0.0	0.343		46.0	60.0	21.7	63.9	379		1.0	0.0	0.083
391	386	381	1.0	0.0	0.066		46.8	59.6	37.2	70.2	391		1.0	0.0	0.232		46.3	59.3	28.9	65.9	386		1.0	0.0	0.067		1.0	0.0	0.324		46.1	59.9	23.0	64.2	381		1.0	0.0	0.067
392	387	382	1.0	0.0	0.049		46.8	59.6	37.8	70.6	392		1.0	0.0	0.208		46.4	59.3	30.2	66.6	387		1.0	0.0	0.05		1.0	0.0	0.304		46.1	59.8	24.3	64.5	382		1.0	0.0	0.05
392	388	383	1.0	0.0	0.033		46.9	59.7	38.5	71.1	392		1.0	0.0	0.184		46.5	59.4	31.6	67.3	388		1.0	0.0	0.033		1.0	0.0	0.285		46.2	59.6	25.6	64.9	383		1.0	0.0	0.033
393	389	384	1.0	0.0	0.016		46.9	59.7	39.2	71.5	393		1.0	0.0	0.16		46.5	59.4	32.9	67.9	389		1.0	0.0	0.017		1.0	0.0	0.266		46.2	59.4	26.9	65.2	384		1.0	0.0	0.017
393	390	385	1.0	0.0	0.0		46.9	59.8	39.9	71.9	393	***R***$_d$	1.0	0.0	0.136		46.6	59.4	34.3	68.6	390	***R***$_s$	1.0	0.0	0.0		1.0	0.0	0.245		46.3	59.2	28.2	65.6	385	***R***$_e$	1.0	0.0	0.0

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

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

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

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
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n/j	HIC*$_{Fe}$	*rgb*$_{Fe}$			*ict*$_{Fe}$			$h_{si\_F,e}$	*rgb**$_{Fe}$			*LabCh**$_{Fe}$					*rgb*'$_{Fe}$			*LabCh*'$_{Fe}$					*DE*'$_{Fe}$	$h_{siM,e}$	*rgb**$_{Me}$			*LabCh**$_{Me}$				
0/648	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	11.7	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
1/657	R13Y_100_100$_e$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.0	0.017	46.9	59.7	39.2	71.5	33.2	1.0	0.125	0.0	52.8	54.4	54.4	77.0	44.9	17.1	389	1.0	0.0	0.017	46.9	59.7	39.2	71.5	33.2
2/666	R25Y_100_100$_e$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0	1.0	0.25	0.0	60.3	39.3	61.7	73.2	57.4	23.2	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
3/675	R38Y_100_100$_e$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.175	0.0	55.8	48.5	57.8	75.4	49.9	1.0	0.375	0.0	66.7	27.3	67.8	73.1	68.0	25.8	39	1.0	0.175	0.0	55.8	48.5	57.8	75.4	49.9
4/684	R50Y_100_100$_e$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7	25.4	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
5/693	R63Y_100_100$_e$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.372	0.0	66.5	27.6	67.7	73.1	67.8	1.0	0.625	0.0	76.0	10.3	76.7	77.4	82.3	21.6	51	1.0	0.372	0.0	66.5	27.6	67.7	73.1	67.8
6/702	R75Y_100_100$_e$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	90.7	22.1	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
7/711	R88Y_100_100$_e$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.657	0.0	77.8	7.4	77.6	77.9	84.5	1.0	0.875	0.0	86.9	−7.0	73.8	74.1	95.4	17.5	70	1.0	0.657	0.0	77.8	7.4	77.6	77.9	84.5
8/720	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	14.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
9/639	Y13G_100_100$_e$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.906	1.0	0.0	92.5	−16.7	90.7	92.2	100.4	0.875	1.0	0.0	92.9	−17.5	92.9	94.5	100.7	2.4	94	0.906	1.0	0.0	92.5	−16.7	90.7	92.2	100.4
10/558	Y25G_100_100$_e$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6	0.75	1.0	0.0	89.2	−22.0	88.4	91.1	104.0	10.3	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
11/477	Y38G_100_100$_e$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.535	1.0	0.0	76.0	−36.0	67.9	76.9	117.9	0.625	1.0	0.0	81.2	−30.0	75.6	81.4	111.6	11.0	117	0.535	1.0	0.0	76.0	−36.0	67.9	76.9	117.9
12/396	Y50G_100_100$_e$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4	10.2	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
13/315	Y63G_100_100$_e$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.286	1.0	0.0	64.2	−51.1	48.4	70.4	136.5	0.375	1.0	0.0	69.3	−44.0	57.2	72.1	127.5	12.4	133	0.286	1.0	0.0	64.2	−51.1	48.4	70.4	136.5
14/234	Y75G_100_100$_e$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9	0.25	1.0	0.0	62.2	−53.6	44.5	69.7	140.2	7.4	141	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9
15/153	Y88G_100_100$_e$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.0	1.0	0.012	55.1	−64.6	31.4	71.9	154.0	0.125	1.0	0.0	58.1	−59.8	36.8	70.3	148.3	7.8	150	0.0	1.0	0.012	55.1	−64.6	31.4	71.9	154.0
16/72	G00C_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	12.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
17/73	G13C_100_100$_e$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.266	55.0	−59.2	11.9	60.4	168.6	0.0	1.0	0.125	54.5	−63.4	22.2	67.2	160.6	11.1	164	0.0	1.0	0.266	55.0	−59.2	11.9	60.4	168.6
18/74	G25C_100_100$_e$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.368	55.4	−55.8	4.8	56.0	175.0	0.0	1.0	0.25	54.9	−59.7	13.1	61.1	167.5	9.1	171	0.0	1.0	0.368	55.4	−55.8	4.8	56.0	175.0
19/75	G38C_100_100$_e$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.463	56.2	−52.0	−2.0	52.0	182.3	0.0	1.0	0.375	55.5	−55.6	4.5	55.8	175.3	7.5	177	0.0	1.0	0.463	56.2	−52.0	−2.0	52.0	182.3
20/76	G50C_100_100$_e$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1	4.1	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
21/77	G63C_100_100$_e$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.631	57.0	−44.8	−13.6	46.9	196.9	0.0	1.0	0.625	57.0	−45.0	−13.2	46.9	196.4	0.3	188	0.0	1.0	0.631	57.0	−44.8	−13.6	46.9	196.9
22/78	G75C_100_100$_e$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.725	56.9	−42.1	−18.9	46.1	204.2	0.0	1.0	0.75	56.9	−41.2	−20.2	45.9	206.0	1.5	194	0.0	1.0	0.725	56.9	−42.1	−18.9	46.1	204.2
23/79	G88C_100_100$_e$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.798	56.4	−40.1	−23.7	46.6	210.5	0.0	1.0	0.875	55.8	−37.7	−29.0	47.6	217.5	5.8	199	0.0	1.0	0.798	56.4	−40.1	−23.7	46.6	210.5
24/80	C00B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	13.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
25/71	C13B_100_100$_e$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	1.0	0.929	54.6	−36.0	−34.0	49.6	223.3	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3	10.7	206	0.0	1.0	0.929	54.6	−36.0	−34.0	49.6	223.3
26/62	C25B_100_100$_e$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	1.0	0.99	53.2	−33.4	−39.5	51.8	229.7	0.0	0.75	1.0	52.6	−27.0	−47.6	54.7	240.4	10.3	209	0.0	1.0	0.99	53.2	−33.4	−39.5	51.8	229.7
27/53	C38B_100_100$_e$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.819	1.0	52.6	−29.3	−45.3	54.0	237.0	0.0	0.625	1.0	50.0	−20.1	−50.0	53.9	248.0	10.6	219	0.0	0.819	1.0	52.6	−29.3	−45.3	54.0	237.0
28/44	C50B_100_100$_e$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4	11.9	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
29/35	C63B_100_100$_e$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.564	1.0	47.9	−16.6	−50.3	53.0	251.6	0.0	0.375	1.0	41.6	−5.5	−49.5	49.8	263.5	12.7	235	0.0	0.564	1.0	47.9	−16.6	−50.3	53.0	251.6
30/26	C75B_100_100$_e$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.446	1.0	43.9	−9.7	−50.1	51.0	258.9	0.0	0.25	1.0	36.0	4.2	−49.4	49.6	274.9	16.1	243	0.0	0.446	1.0	43.9	−9.7	−50.1	51.0	258.9
31/17	C88B_100_100$_e$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.355	1.0	40.8	−4.0	−49.6	49.8	265.3	0.0	0.125	1.0	34.6	14.4	−45.8	48.0	287.4	19.8	249	0.0	0.355	1.0	40.8	−4.0	−49.6	49.8	265.3
32/8	B00M_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	24.6	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
33/89	B13M_100_100$_e$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.0	0.215	1.0	35.6	7.1	−48.6	49.1	278.3	0.125	0.0	1.0	31.2	31.5	−40.6	51.4	307.7	26.0	258	0.0	0.215	1.0	35.6	7.1	−48.6	49.1	278.3
34/170	B25M_100_100$_e$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.149	1.0	34.8	12.5	−46.7	48.3	285.0	0.25	0.0	1.0	31.2	39.0	−35.9	53.1	317.3	28.8	262	0.0	0.149	1.0	34.8	12.5	−46.7	48.3	285.0
35/251	B38M_100_100$_e$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.072	1.0	33.4	18.7	−45.0	48.8	292.5	0.375	0.0	1.0	33.4	45.6	−32.1	55.7	324.8	29.8	266	0.0	0.072	1.0	33.4	18.7	−45.0	48.8	292.5
36/332	B50M_100_100$_e$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9	28.9	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
37/413	B63M_100_100$_e$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.124	0.0	1.0	31.2	31.4	−40.6	51.4	307.7	0.625	0.0	1.0	38.7	55.4	−24.5	60.6	336.0	29.7	276	0.124	0.0	1.0	31.2	31.4	−40.6	51.4	307.7
38/494	B75M_100_100$_e$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3	0.75	0.0	1.0	41.7	60.2	−19.1	63.1	342.3	30.7	282	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3
39/575	B88M_100_100$_e$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.326	0.0	1.0	32.6	43.1	−33.7	54.7	321.9	0.875	0.0	1.0	44.4	64.8	−16.0	66.8	346.1	30.4	288	0.326	0.0	1.0	32.6	43.1	−33.7	54.7	321.9
40/656	M00R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	31.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
41/655	M13R_100_100$_e$	1.0	0.0	0.875	1.0	1.0	0.5	337	0.608	0.0	1.0	38.3	54.7	−25.2	60.2	335.2	1.0	0.0	0.875	47.1	70.0	−9.2	70.6	352.4	23.8	307	0.608	0.0	1.0	38.3	54.7	−25.2	60.2	335.2
42/654	M25R_100_100$_e$	1.0	0.0	0.75	1.0	1.0	0.5	344	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8	1.0	0.0	0.75	46.2	67.7	−3.0	67.7	357.3	18.8	315	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
43/653	M38R_100_100$_e$	1.0	0.0	0.625	1.0	1.0	0.5	352	0.957	0.0	1.0	46.6	68.5	−12.7	69.7	349.4	1.0	0.0	0.625	46.2	65.0	4.7	65.1	364.1	17.8	327	0.957	0.0	1.0	46.6	68.5	−12.7	69.7	349.4
44/652	M50R_100_100$_e$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0	1.0	0.0	0.5	45.8	62.3	12.1	63.5	371.0	23.3	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
45/651	M63R_100_100$_e$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.683	46.2	66.3	1.1	66.4	0.9	1.0	0.0	0.375	45.9	60.1	19.6	63.3	378.0	19.5	348	1.0	0.0	0.683	46.2	66.3	1.1	66.4	0.9
46/650	M75R_100_100$_e$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8	1.0	0.0	0.25	46.2	59.2	27.9	65.4	385.2	17.3	358	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
47/649	M88R_100_100$_e$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.381	45.9	60.3	19.2	63.3	17.6	1.0	0.0	0.125	46.6	59.3	34.8	68.8	390.4	15.6	367	1.0	0.0	0.381	45.9	60.3	19.2	63.3	17.6
48/648	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	393.7	11.7	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
49/0	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
50/91	NW_013$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	21.3	0.0	−0.5	0.6	267.5	5.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
51/182	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	35.1	0.0	−1.1	1.1	269.9	1.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
52/273	NW_038$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	49.3	0.1	−1.1	1.1	276.0	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
53/364	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	59.2	0.1	−1.0	1.0	279.0	3.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
54/455	NW_063$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.5	0.1	−0.8	0.8	280.1	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
55/546	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	77.0	0.2	−0.2	0.3	313.6	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
56/637	NW_088$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	88.7	0.1	−0.1	0.2	313.1	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
57/728	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta *E**' = *14.2***

1−0131730−F0

RE730−7N, Page 18/33−F

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

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

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

1−0131730−F0

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

n/j	**HIC*$_{Fe}$**	***rgb*$_{Fe}$**			***ict*$_{Fe}$**			***h*$_{si\_F,e}$**	***rgb**$_{Fe}$**			***LabCh**$_{Fe}$**					***rgb*'*$_{Fe}$**			***LabCh*'*$_{Fe}$**					***DE*'*$_{Fe}$**	***h*$_{siM,e}$**	***rgb**$_{Me}$**			***LabCh**$_{Me}$**			
0/648	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	11.7	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
1/666	R25Y_100_100$_e$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0	1.0	0.25	0.0	60.3	39.3	61.7	73.2	57.4	23.2	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
2/684	R50Y_100_100$_e$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7	25.4	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
3/702	R75Y_100_100$_e$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	90.7	22.1	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
4/720	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	14.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
5/558	Y25G_100_100$_e$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6	0.75	1.0	0.0	89.2	−22.0	88.4	91.1	104.0	10.3	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
6/396	Y50G_100_100$_e$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4	10.2	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
7/234	Y75G_100_100$_e$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9	0.25	1.0	0.0	62.2	−53.6	44.5	69.7	140.2	7.4	141	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9
8/72	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	12.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
9/72	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2	0.0	1.0	0.0	55.2	−64.7	32.4	72.4	153.3	12.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
10/76	G25B_100_100$_e$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6	0.0	1.0	0.5	56.5	−50.3	−4.5	50.5	185.1	4.1	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
11/80	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9	0.0	1.0	1.0	53.0	−32.9	−40.4	52.1	230.7	13.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
12/44	G75B_100_100$_e$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3	0.0	0.5	1.0	45.6	−13.0	−50.3	51.9	255.4	11.9	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
13/8	B00M_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7	0.0	0.0	1.0	31.8	24.6	−43.3	49.9	299.6	24.6	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
14/332	B25R_100_100$_e$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9	28.9	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
15/656	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	31.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
16/652	B75R_100_100$_e$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0	23.3	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
17/648	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	11.7	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
18/688	R00Y_100_050$_e$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.622	71.2	29.6	14.1	32.8	25.4	1.0	0.5	0.5	72.9	21.9	30.1	37.2	53.8	17.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
19/706	R50Y_100_050$_e$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.633	0.5	78.7	18.9	31.3	36.6	58.8	1.0	0.75	0.5	84.2	2.3	40.9	41.0	86.7	19.9	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
20/724	Y00G_100_050$_e$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.895	0.5	90.2	−1.5	38.8	38.8	92.3	1.0	1.0	0.5	93.3	−11.7	47.0	48.4	104.0	13.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
21/562	Y50G_100_050$_e$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.69	1.0	0.5	82.9	−21.8	28.7	36.1	127.2	0.75	1.0	0.5	87.6	−21.1	41.2	46.3	117.1	13.3	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
22/400	G00B_100_050$_e$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.576	75.4	−31.3	10.0	32.9	162.2	0.5	1.0	0.5	77.7	−27.5	17.5	32.6	147.4	8.7	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
23/404	G50B_100_050$_e$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.934	76.0	−18.9	−14.2	23.7	216.9	0.5	1.0	1.0	75.5	−15.9	−24.6	29.3	237.0	10.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
24/368	B00R_100_050$_e$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.642	1.0	66.9	0.7	−24.8	24.8	271.7	0.5	0.5	1.0	57.5	11.5	−30.8	32.9	290.5	15.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
25/692	B50R_100_050$_e$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.733	0.5	1.0	65.8	24.4	−14.9	28.6	328.6	1.0	0.5	1.0	73.3	35.3	−9.3	36.5	345.2	14.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
26/688	R00Y_100_050$_e$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.622	71.2	29.6	14.1	32.8	25.4	1.0	0.5	0.5	72.9	21.9	30.1	37.2	53.8	17.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
27/506	R00Y_075_050$_e$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.372	51.3	29.6	14.1	32.8	25.4	0.75	0.25	0.25	54.9	23.2	27.4	36.0	49.7	15.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
28/524	R50Y_075_050$_e$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.383	0.25	58.7	18.9	31.3	36.6	58.8	0.75	0.5	0.25	67.1	4.0	37.6	37.8	83.8	18.1	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
29/542	Y00G_075_050$_e$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.645	0.25	70.2	−1.5	38.8	38.8	92.3	0.75	0.75	0.25	80.6	−10.8	50.9	52.0	101.9	18.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
30/380	Y50G_075_050$_e$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.44	0.75	0.25	62.9	−21.8	28.7	36.1	127.2	0.5	0.75	0.25	72.1	−21.4	35.7	41.7	120.9	11.5	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
31/218	G00B_075_050$_e$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.326	55.5	−31.3	10.0	32.9	162.2	0.25	0.75	0.25	58.9	−34.0	18.3	38.6	151.6	9.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
32/222	G50B_075_050$_e$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.684	56.1	−18.9	−14.2	23.7	216.9	0.25	0.75	0.75	61.9	−19.0	−25.6	31.9	233.3	12.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
33/186	B00R_075_050$_e$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.392	0.75	46.9	0.7	−24.8	24.8	271.7	0.25	0.25	0.75	46.2	13.1	−30.7	33.4	293.2	13.7	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
34/510	B50R_075_050$_e$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.483	0.25	0.75	45.8	24.4	−14.9	28.6	328.6	0.75	0.25	0.75	53.8	38.4	−12.4	40.4	342.0	16.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
35/506	R00Y_075_050$_e$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.372	51.3	29.6	14.1	32.8	25.4	0.75	0.25	0.25	54.9	23.2	27.4	36.0	49.7	15.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
36/324	R00Y_050_050$_e$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.122	31.3	29.6	14.1	32.8	25.4	0.5	0.0	0.0	32.6	38.4	27.1	47.1	35.2	15.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
37/342	R50Y_050_050$_e$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.133	0.0	38.7	18.9	31.3	36.6	58.8	0.5	0.25	0.0	44.3	7.9	41.5	42.3	79.1	15.9	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
38/360	Y00G_050_050$_e$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.395	0.0	50.2	−1.5	38.8	38.8	92.3	0.5	0.5	0.0	58.5	−10.2	57.3	58.2	100.0	22.0	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
39/198	Y50G_050_050$_e$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.19	0.5	0.0	42.9	−21.8	28.7	36.1	127.2	0.25	0.5	0.0	47.0	−24.5	37.8	45.1	122.9	10.3	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
40/36	G00B_050_050$_e$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.076	35.5	−31.3	10.0	32.9	162.2	0.0	0.5	0.0	43.4	−62.0	24.5	66.7	158.4	34.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
41/40	G50B_050_050$_e$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.434	36.1	−18.9	−14.2	23.7	216.9	0.0	0.5	0.5	43.9	−23.5	−34.3	41.6	235.6	21.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
42/4	B00R_050_050$_e$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.142	0.5	26.9	0.7	−24.8	24.8	271.7	0.0	0.0	0.5	29.8	18.0	−38.5	42.5	295.0	22.2	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
43/328	B50R_050_050$_e$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.233	0.0	0.5	25.8	24.4	−14.9	28.6	328.6	0.5	0.0	0.5	34.4	45.4	−10.4	46.6	347.0	23.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
44/324	R00Y_050_050$_e$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.122	31.3	29.6	14.1	32.8	25.4	0.5	0.0	0.0	32.6	38.4	27.1	47.1	35.2	15.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
45/0	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
46/91	NW_013$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	21.3	0.0	−0.5	0.6	267.5	5.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
47/182	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	35.1	0.0	−1.1	1.1	269.9	1.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
48/273	NW_038$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	49.3	0.1	−1.1	1.1	276.0	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
49/364	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	59.2	0.1	−1.0	1.0	279.0	3.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
50/455	NW_063$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.5	0.1	−0.8	0.8	280.1	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
51/546	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	77.0	0.2	−0.2	0.3	313.6	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
52/637	NW_088$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	88.7	0.1	−0.1	0.2	313.1	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
53/728	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: delta *E*'* = *14.1*

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

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

1−0131830−F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 20/33

n=j	HIC*Fe	rgb_Fe			ict_Fe			hsi_F,e	rgb*Fe			LabCh*Fe				
0	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0
1	B00R_012_012e	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.035	0.125	19.0	0.1	-6.2	6.2	271.7
2	B00R_025_025e	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.071	0.25	21.6	0.3	-12.4	12.4	271.7
3	B00R_037_037e	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.106	0.375	24.3	0.5	-18.6	18.6	271.7
4	B00R_050_050e	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.142	0.5	26.9	0.7	-24.8	24.8	271.7
5	B00R_062_062e	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.178	0.625	29.6	0.9	-31.0	31.0	271.7
6	B00R_075_075e	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.213	0.75	32.3	1.1	-37.2	37.2	271.7
7	B00R_087_087e	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.249	0.875	34.9	1.3	-43.4	43.4	271.7
8	B00R_100_100e	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
9	G00B_012_012e	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.019	21.1	-7.8	2.5	8.2	162.2
10	G50B_012_012e	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.108	21.3	-4.7	-3.5	5.9	216.9
11	G75B_025_025e	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.171	0.25	25.1	-5.8	-12.2	13.5	244.3
12	G84B_037_037e	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.194	0.375	27.6	-5.2	-18.8	19.6	254.3
13	G88B_050_050e	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.223	0.5	30.1	-4.8	-25.0	25.5	258.9
14	G90B_062_062e	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.252	0.625	32.7	-4.5	-31.1	31.4	261.6
15	G92B_075_075e	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.281	0.75	35.3	-4.2	-37.1	37.4	263.5
16	G93B_087_087e	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.319	0.875	38.1	-4.2	-43.4	43.6	264.4
17	G94B_100_100e	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.355	1.0	40.8	-4.0	-49.6	49.8	265.3
18	G00B_025_025e	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.038	25.9	-15.6	5.0	16.4	162.2
19	G25B_025_025e	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.137	26.4	-12.1	-2.0	12.2	189.6
20	G50B_025_025e	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.217	26.2	-9.4	-7.1	11.8	216.9
21	G65B_037_037e	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.328	0.375	29.9	-11.6	-16.2	20.0	234.3
22	G75B_050_050e	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.342	0.5	33.8	-11.7	-24.5	27.1	244.3
23	G80B_062_062e	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.362	0.625	36.4	-10.9	-31.4	33.2	250.7
24	G84B_075_075e	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.388	0.75	38.8	-10.5	-37.7	39.2	254.3
25	G86B_087_087e	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.415	0.875	41.3	-10.0	-43.9	45.0	257.1
26	G88B_100_100e	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.446	1.0	43.9	-9.7	-50.1	51.0	258.9
27	G00B_037_037e	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.057	30.7	-23.5	7.5	24.7	162.2
28	G15B_037_037e	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.16	31.2	-20.0	0.1	20.0	179.5
29	G34B_037_037e	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.249	31.6	-16.4	-5.8	17.4	199.6
30	G50B_037_037e	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.325	31.1	-14.2	-10.7	17.8	216.9
31	G61B_050_050e	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.5	0.495	34.8	-16.7	-19.7	25.9	229.7
32	G69B_062_062e	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.5	0.625	39.0	-17.9	-28.7	33.8	237.9
33	G75B_075_075e	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.514	0.75	42.5	-17.6	-36.7	40.7	244.3
34	G79B_087_087e	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.534	0.875	45.3	-16.9	-43.8	47.0	248.9
35	G81B_100_100e	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.564	1.0	47.9	-16.6	-50.3	53.0	251.6
36	G00B_050_050e	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.076	35.5	-31.3	10.0	32.9	162.2
37	G11B_050_050e	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.184	35.9	-27.9	2.4	28.0	175.0
38	G25B_050_050e	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.274	36.5	-24.2	-4.0	24.5	189.6
39	G38B_050_050e	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.362	36.6	-21.0	-9.4	23.0	204.2
40	G50B_050_050e	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.434	36.1	-18.9	-14.2	23.7	216.9
41	G59B_062_062e	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.625	0.602	39.7	-21.6	-23.2	31.7	227.0
42	G65B_075_075e	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.656	0.75	43.5	-23.3	-32.5	40.0	234.3
43	G70B_087_087e	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.667	0.875	48.1	-24.0	-41.2	47.7	239.7
44	G75B_100_100e	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.685	1.0	51.3	-23.5	-49.0	54.3	244.3
45	G00B_062_062e	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.095	40.3	-39.2	12.5	41.1	162.2
46	G09B_062_062e	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.203	40.7	-35.8	4.8	36.2	172.2
47	G19B_062_062e	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.296	41.3	-32.1	-1.8	32.2	183.2
48	G30B_062_062e	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.387	41.8	-28.2	-8.1	29.4	195.9
49	G40B_062_062e	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.474	41.6	-25.6	-13.0	28.8	206.9
50	G50B_062_062e	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.542	41.0	-23.7	-17.8	29.7	216.9
51	G57B_075_075e	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.75	0.71	44.7	-26.5	-26.7	37.6	225.1
52	G63B_087_087e	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.85	0.875	48.3	-28.5	-35.9	45.8	231.5
53	G68B_100_100e	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.819	1.0	52.6	-29.3	-45.3	54.0	237.0
54	G00B_075_075e	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.114	45.0	-47.0	15.0	49.4	162.2
55	G07B_075_075e	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.221	45.4	-43.7	7.3	44.3	170.4
56	G15B_075_075e	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.321	46.0	-40.1	0.3	40.1	179.5
57	G25B_075_075e	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.411	46.6	-36.3	-6.1	36.8	189.6
58	G34B_075_075e	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.499	46.8	-32.9	-11.7	34.9	199.6
59	G42B_075_075e	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.584	46.5	-30.4	-16.7	34.7	208.7
60	G50B_075_075e	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.651	46.0	-28.4	-21.4	35.6	216.9
61	G56B_087_087e	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.875	0.821	49.6	-31.2	-30.4	43.6	224.2
62	G61B_100_100e	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	1.0	0.99	53.2	-33.4	-39.5	51.8	229.7
63	G00B_087_087e	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.134	49.8	-54.9	17.6	57.6	162.2
64	G06B_087_087e	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.246	50.2	-51.4	9.5	52.3	169.5
65	G13B_087_087e	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.344	50.7	-48.0	2.6	48.1	176.8
66	G20B_087_087e	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.436	51.5	-44.1	-3.8	44.2	185.0
67	G29B_087_087e	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.524	51.9	-40.4	-10.2	41.7	194.1
68	G36B_087_087e	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.614	51.9	-37.5	-15.4	40.5	202.3
69	G43B_087_087e	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.69	51.5	-35.3	-20.1	40.6	209.6
70	G50B_087_087e	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.759	50.9	-33.2	-25.0	41.5	216.9
71	G55B_100_100e	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	1.0	0.929	54.6	-36.0	-34.0	49.6	223.3
72	G00B_100_100e	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
73	G05B_100_100e	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.266	55.0	-59.2	11.9	60.4	168.6
74	G11B_100_100e	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.368	55.4	-55.8	4.8	56.0	175.0
75	G18B_100_100e	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.463	56.2	-52.0	-2.0	52.0	182.3
76	G25B_100_100e	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.549	56.7	-48.4	-8.1	49.1	189.6
77	G31B_100_100e	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.631	57.0	-44.8	-13.6	46.9	196.9
78	G38B_100_100e	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.725	56.9	-42.1	-18.9	46.1	204.2
79	G44B_100_100e	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.798	56.4	-40.1	-23.7	46.6	210.5
80	G50B_100_100e	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9

n=j	rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
0	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1	0.0	0.0	0.125	24.7	4.9	-12.6	13.5	291.3	9.8	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
2	0.0	0.0	0.25	23.7	4.7	-21.9	22.4	282.2	10.7	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
3	0.0	0.0	0.375	28.2	10.1	-29.8	31.5	288.8	15.3	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
4	0.0	0.0	0.5	29.8	18.0	-38.5	42.5	295.0	22.2	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
5	0.0	0.0	0.625	27.8	25.8	-43.6	50.7	300.6	27.9	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
6	0.0	0.0	0.75	28.9	25.4	-43.3	50.3	300.4	25.3	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
7	0.0	0.0	0.875	30.3	26.6	-43.3	50.8	301.6	25.7	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
8	0.0	0.0	1.0	31.8	24.6	-43.3	49.9	299.6	24.6	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
9	0.0	0.125	0.0	31.0	-8.7	4.5	9.8	152.2	10.1	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
10	0.0	0.125	0.125	28.7	-9.2	-12.4	15.5	233.4	12.4	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
11	0.0	0.125	0.25	28.8	-5.8	-22.4	23.2	255.2	10.8	227	0.0	0.685	1.0	51.3	-23.5	-49.0	54.3	244.3
12	0.0	0.125	0.375	31.6	-3.8	-30.3	30.6	262.7	12.2	238	0.0	0.518	1.0	46.3	-14.0	-50.3	52.2	254.3
13	0.0	0.125	0.5	33.6	2.6	-39.5	39.6	273.7	16.6	243	0.0	0.446	1.0	43.9	-9.7	-50.1	51.0	258.9
14	0.0	0.125	0.625	35.0	9.4	-44.9	45.8	281.8	19.7	246	0.0	0.404	1.0	42.6	-7.2	-49.8	50.3	261.6
15	0.0	0.125	0.75	32.7	15.8	-46.0	48.7	289.0	22.1	248	0.0	0.375	1.0	41.7	-5.6	-49.5	49.8	263.5
16	0.0	0.125	0.875	33.7	16.7	-45.4	48.4	290.2	21.5	248	0.0	0.365	1.0	41.2	-4.8	-49.6	49.8	264.4
17	0.0	0.125	1.0	34.6	14.4	-45.8	48.0	287.4	19.8	249	0.0	0.355	1.0	40.8	-4.0	-49.6	49.8	265.3
18	0.0	0.25	0.0	35.7	-22.3	5.5	22.9	166.0	11.8	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
19	0.0	0.25	0.125	32.1	-19.3	-6.7	20.4	199.1	10.3	183	0.0	1.0	0.549	56.7	-48.4	-8.1	49.1	189.6
20	0.0	0.25	0.25	35.4	-13.6	-20.5	24.7	236.3	16.8	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
21	0.0	0.25	0.375	36.6	-10.9	-29.0	31.0	249.2	14.4	216	0.0	0.875	1.0	52.5	-31.1	-43.3	53.4	234.3
22	0.0	0.25	0.5	37.5	-8.2	-36.1	37.0	257.0	12.6	227	0.0	0.685	1.0	51.3	-23.5	-49.0	54.3	244.3
23	0.0	0.25	0.625	37.6	-4.5	-43.4	43.7	263.9	13.6	234	0.0	0.579	1.0	48.4	-17.5	-50.2	53.2	250.7
24	0.0	0.25	0.75	37.7	-0.7	-47.5	47.6	269.1	13.9	238	0.0	0.518	1.0	46.3	-14.0	-50.3	52.2	254.3
25	0.0	0.25	0.875	35.7	4.7	-49.3	49.5	275.4	16.6	241	0.0	0.474	1.0	44.8	-11.4	-50.2	51.5	257.1
26	0.0	0.25	1.0	36.0	4.2	-49.4	49.6	274.9	16.1	243	0.0	0.446	1.0	43.9	-9.7	-50.1	51.0	258.9
27	0.0	0.375	0.0	39.9	-35.9	13.8	38.4	158.9	16.6	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
28	0.0	0.375	0.125	38.1	-32.5	-0.7	32.5	181.3	14.2	175	0.0	1.0	0.428	55.9	-53.5	0.4	53.5	179.5
29	0.0	0.375	0.25	38.2	-25.0	-15.5	29.4	211.7	14.5	190	0.0	1.0	0.666	57.0	-43.9	-15.6	46.6	199.6
30	0.0	0.375	0.375	40.0	-19.7	-27.3	33.6	234.2	19.6	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
31	0.0	0.375	0.5	40.4	-15.0	-34.8	37.9	246.5	16.1	209	0.0	1.0	0.99	53.2	-33.4	-39.5	51.8	229.7
32	0.0	0.375	0.625	41.9	-12.3	-41.1	42.9	253.2	13.9	220	0.0	0.8	1.0	52.6	-28.7	-45.9	54.2	237.9
33	0.0	0.375	0.75	42.9	-9.5	-47.6	48.5	258.6	13.5	227	0.0	0.685	1.0	51.3	-23.5	-49.0	54.3	244.3
34	0.0	0.375	0.875	43.1	-8.0	-49.4	50.1	260.7	10.7	232	0.0	0.61	1.0	49.5	-19.3	-50.1	53.7	248.9
35	0.0	0.375	1.0	41.6	-5.5	-49.5	49.8	263.5	12.7	235	0.0	0.564	1.0	47.9	-16.6	-50.3	53.0	251.6
36	0.0	0.5	0.0	43.4	-62.0	24.5	66.7	158.4	34.8	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
37	0.0	0.5	0.125	43.6	-61.4	11.8	62.6	169.1	35.6	171	0.0	1.0	0.368	55.4	-55.8	4.8	56.0	175.0
38	0.0	0.5	0.25	41.9	-44.2	-7.1	44.8	189.1	20.9	183	0.0	1.0	0.549	56.7	-48.4	-8.1	49.1	189.6
39	0.0	0.5	0.375	42.9	-34.8	-22.3	41.3	212.7	19.8	194	0.0	1.0	0.725	56.9	-42.1	-18.9	46.1	204.2
40	0.0	0.5	0.5	43.9	-23.5	-34.3	41.6	235.6	21.9	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
41	0.0	0.5	0.625	44.7	-21.3	-38.9	44.4	241.3	16.4	208	0.0	1.0	0.964	53.8	-34.6	-37.2	50.8	227.0
42	0.0	0.5	0.75	46.8	-19.7	-45.8	49.8	246.7	14.1	216	0.0	0.875	1.0	52.5	-31.1	-43.3	53.4	234.3
43	0.0	0.5	0.875	47.4	-16.3	-49.5	52.1	251.7	11.3	223	0.0	0.762	1.0	52.6	-27.4	-47.1	54.6	239.7
44	0.0	0.5	1.0	45.6	-13.0	-50.3	51.9	255.4	11.9	227	0.0	0.685	1.0	51.3	-23.5	-49.0	54.3	244.3
45	0.0	0.625	0.0	48.1	-68.1	29.1	74.1	156.8	34.3	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
46	0.0	0.625	0.125	48.0	-74.0	21.1	76.9	164.0	42.1	168	0.0	1.0	0.325	55.3	-57.4	7.8	57.9	172.2
47	0.0	0.625	0.25	48.7	-69.5	6.2	69.8	174.8	38.9	178	0.0	1.0	0.475	56.3	-51.5	-2.8	51.5	183.2
48	0.0	0.625	0.375	49.9	-55.3	-10.5	56.3	190.8	28.3	187	0.0	1.0	0.62	57.0	-45.2	-12.9	47.0	195.9
49	0.0	0.625	0.5	51.3	-45.8	-25.2	52.3	208.7	25.4	196	0.0	1.0	0.759	56.8	-41.0	-20.8	46.0	206.9
50	0.0	0.625	0.625	50.4	-32.6	-36.2	48.8	227.9	22.4	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
51	0.0	0.625	0.75	50.5	-30.3	-40.4	50.5	233.0	15.3	207	0.0	1.0	0.947	54.2	-35.4	-35.6	50.2	225.1
52	0.0	0.625	0.875	50.7	-25.3	-46.5	52.9	241.3	11.2	211	0.0	0.971	1.0	52.9	-32.5	-41.0	52.4	231.5
53	0.0	0.625	1.0	50.0	-20.1	-50.0	53.9	248.0	10.6	219	0.0	0.819	1.0	52.6	-29.3	-45.3	54.0	237.0
54	0.0	0.75	0.0	51.2	-70.8	30.3	77.0	156.8	28.9	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
55	0.0	0.75	0.125	50.0	-73.8	22.2	77.1	163.2	33.8	166	0.0	1.0	0.295	55.1	-58.3	9.8	59.1	170.4
56	0.0	0.75	0.25	50.0	-68.5	8.7	69.0	172.7	29.8	175	0.0	1.0	0.428	55.9	-53.5	0.4	53.5	179.5
57	0.0	0.75	0.375	51.2	-59.6	-5.4	59.9	185.2	23.8	183	0.0	1.0	0.549	56.7	-48.4	-8.1	49.1	189.6
58	0.0	0.75	0.5	52.4	-50.8	-18.0	54.0	199.5	19.8	190	0.0	1.0	0.666	57.0	-43.9	-15.6	46.6	199.6
59	0.0	0.75	0.625	52.7	-43.9	-27.1	51.6	211.7	18.1	197	0.0	1.0	0.779	56.6	-40.6	-22.3	46.3	208.7
60	0.0	0.75	0.75	52.5	-36.6	-36.6	51.8	225.0	18.4	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
61	0.0	0.75	0.875	52.3	-32.9	-41.3	52.8	231.4	11.3	206	0.0	1.0	0.938	54.4	-35.7	-34.8	49.9	224.2
62	0.0	0.75	1.0	52.6	-27.0	-47.6	54.7	240.4	10.3	209	0.0	1.0	0.99	53.2	-33.4	-39.5	51.8	229.7
63	0.0	0.875	0.0	53.0	-69.3	31.1	75.9	155.7	20.0	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
64	0.0	0.875	0.125	52.2	-68.8	22.2	72.3	162.1	21.6	165	0.0	1.0	0.281	55.1	-58.8	10.8	59.8	169.5
65	0.0	0.875	0.25	52.6	-63.7	11.3	64.7	169.9	17.9	172	0.0	1.0	0.393	55.6	-54.9	3.0	55.0	176.8
66	0.0	0.875	0.375	53.9	-57.4	0.1	57.4	179.8	14.1	179	0.0	1.0	0.498	56.5	-50.4	-4.4	50.6	185.0
67	0.0	0.875	0.5	54.4	-50.3	-12.4	51.8	193.8	10.4	186	0.0	1.0	0.599	56.9	-46.2	-11.6	47.6	194.1
68	0.0	0.875	0.625	54.8	-45.3	-19.6	49.4	203.4	9.4	193	0.0	1.0	0.701	56.9	-42.8	-17.6	46.3	202.3
69	0.0	0.875	0.75	53.5	-41.7	-28.4	50.5	214.3	10.6	198	0.0	1.0	0.788	56.5	-40.3	-23.0	46.4	209.6
70	0.0	0.875	0.875	52.4	-35.3	-38.9	52.5	227.7	14.1	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
71	0.0	0.875	1.0	52.5	-31.1	-43.3	53.4	234.3	10.7	206	0.0	1.0	0.929	54.6	-36.0	-34.0	49.6	223.3
72	0.0	1.0	0.0	55.2	-64.7	32.4	72.4	153.3	12.5	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
73	0.0	1.0	0.125	54.5	-63.4	22.2	67.2	160.6	11.1	164	0.0	1.0	0.266	55.0	-59.2	11.9	60.4	168.6
74	0.0	1.0	0.25	54.9	-59.7	13.1	61.1	167.5	9.1	171	0.0	1.0	0.368	55.4	-55.8	4.8	56.0	175.0
75	0.0	1.0	0.375	55.5	-55.6	4.5	55.8	175.3	7.5	177	0.0	1.0	0.463	56.2	-52.0	-2.0	52.0	182.3
76	0.0	1.0	0.5	56.5	-50.3	-4.5	50.5	185.1	4.1	183	0.0	1.0	0.549	56.7	-48.4	-8.1	49.1	189.6
77	0.0	1.0	0.625	57.0	-45.0	-13.2	46.9	196.4	0.3	188	0.0	1.0	0.631	57.0	-44.8	-13.6	46.9	196.9
78	0.0	1.0	0.75	56.9	-41.2	-20.2	45.9	206.0	1.5	194	0.0	1.0	0.725	56.9	-42.1	-18.9	46.1	204.2
79	0.0	1.0	0.875	55.8	-37.7	-29.0	47.6	217.5	5.8	199	0.0	1.0	0.798	56.4	-40.1	-23.7	46.6	210.5
80	0.0	1.0	1.0	53.0	-32.9	-40.4	52.1	230.7	13.1	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9

Mean color difference of this page: **delta $E^{*\prime}$ = 16.9**

1-0131930-F0

RE730-7N, Page 20/33-F

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

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

1-0131930-F0

n	HIC^*_{Fe}	$rgb_{_Fe}$			$ict_{_Fe}$			$h_{si_F,e}$
81	R00Y_012_012e	0.125	0.0	0.0	0.125	0.125	0.062	390
82	B50R_012_012e	0.125	0.0	0.125	0.125	0.125	0.062	330
83	B25R_025_025e	0.125	0.0	0.25	0.25	0.25	0.125	300
84	B15R_037_037e	0.125	0.0	0.375	0.375	0.375	0.187	289
85	B11R_050_050e	0.125	0.0	0.5	0.5	0.5	0.25	284
86	B09R_062_062e	0.125	0.0	0.625	0.625	0.625	0.312	281
87	B07R_075_075e	0.125	0.0	0.75	0.75	0.75	0.375	279
88	B06R_087_087e	0.125	0.0	0.875	0.875	0.875	0.437	278
89	B05R_100_100e	0.125	0.0	1.0	1.0	1.0	0.5	277
90	Y00G_012_012e	0.125	0.125	0.0	0.125	0.125	0.062	90
91	NW_012e	0.125	0.125	0.125	0.125	0.0	0.125	360
92	B00R_025_012e	0.125	0.125	0.25	0.25	0.125	0.187	270
93	B00R_037_025e	0.125	0.125	0.375	0.375	0.25	0.25	270
94	B00R_050_037e	0.125	0.125	0.5	0.5	0.375	0.312	270
95	B00R_062_050e	0.125	0.125	0.625	0.625	0.5	0.375	270
96	B00R_075_062e	0.125	0.125	0.75	0.75	0.625	0.437	270
97	B00R_087_075e	0.125	0.125	0.875	0.875	0.75	0.5	270
98	B00R_100_087e	0.125	0.125	1.0	1.0	0.875	0.562	270
99	Y50G_025_025e	0.125	0.25	0.0	0.25	0.25	0.125	120
100	G00B_025_012e	0.125	0.25	0.125	0.25	0.125	0.187	150
101	G50B_025_012e	0.125	0.25	0.25	0.25	0.125	0.187	210
102	G75B_037_025e	0.125	0.25	0.375	0.375	0.25	0.25	240
103	G84B_050_037e	0.125	0.25	0.5	0.5	0.375	0.312	251
104	G88B_062_050e	0.125	0.25	0.625	0.625	0.5	0.375	256
105	G90B_075_062e	0.125	0.25	0.75	0.75	0.625	0.437	259
106	G92B_087_075e	0.125	0.25	0.875	0.875	0.75	0.5	261
107	G93B_100_087e	0.125	0.25	1.0	1.0	0.875	0.562	262
108	Y68G_037_037e	0.125	0.375	0.0	0.375	0.375	0.187	131
109	G00B_037_025e	0.125	0.375	0.125	0.375	0.25	0.25	150
110	G25B_037_025e	0.125	0.375	0.25	0.375	0.25	0.25	180
111	G50B_037_025e	0.125	0.375	0.375	0.375	0.25	0.25	210
112	G65B_050_037e	0.125	0.375	0.5	0.5	0.375	0.312	229
113	G75B_062_050e	0.125	0.375	0.625	0.625	0.5	0.375	240
114	G80B_075_062e	0.125	0.375	0.75	0.75	0.625	0.437	247
115	G84B_087_075e	0.125	0.375	0.875	0.875	0.75	0.5	251
116	G86B_100_087e	0.125	0.375	1.0	1.0	0.875	0.562	254
117	Y76G_050_050e	0.125	0.5	0.0	0.5	0.5	0.25	136
118	G00B_050_037e	0.125	0.5	0.125	0.5	0.375	0.312	150
119	G15B_050_037e	0.125	0.5	0.25	0.5	0.375	0.312	169
120	G34B_050_037e	0.125	0.5	0.375	0.5	0.375	0.312	191
121	G50B_050_037e	0.125	0.5	0.5	0.5	0.375	0.312	210
122	G61B_062_050e	0.125	0.5	0.625	0.625	0.5	0.375	224
123	G69B_075_062e	0.125	0.5	0.75	0.75	0.625	0.437	233
124	G75B_087_075e	0.125	0.5	0.875	0.875	0.75	0.5	240
125	G79B_100_087e	0.125	0.5	1.0	1.0	0.875	0.562	245
126	Y81G_062_062e	0.125	0.625	0.0	0.625	0.625	0.312	139
127	G00B_062_050e	0.125	0.625	0.125	0.625	0.5	0.375	150
128	G11B_062_050e	0.125	0.625	0.25	0.625	0.5	0.375	164
129	G25B_062_050e	0.125	0.625	0.375	0.625	0.5	0.375	180
130	G38B_062_050e	0.125	0.625	0.5	0.625	0.5	0.375	196
131	G50B_062_050e	0.125	0.625	0.625	0.625	0.5	0.375	210
132	G59B_075_062e	0.125	0.625	0.75	0.75	0.625	0.437	221
133	G65B_087_075e	0.125	0.625	0.875	0.875	0.75	0.5	229
134	G70B_100_087e	0.125	0.625	1.0	1.0	0.875	0.562	235
135	Y85G_075_075e	0.125	0.75	0.0	0.75	0.75	0.375	141
136	G00B_075_062e	0.125	0.75	0.125	0.75	0.625	0.437	150
137	G09B_075_062e	0.125	0.75	0.25	0.75	0.625	0.437	161
138	G19B_075_062e	0.125	0.75	0.375	0.75	0.625	0.437	173
139	G30B_075_062e	0.125	0.75	0.5	0.75	0.625	0.437	187
140	G40B_075_062e	0.125	0.75	0.625	0.75	0.625	0.437	199
141	G50B_075_062e	0.125	0.75	0.75	0.75	0.625	0.437	210
142	G57B_087_075e	0.125	0.75	0.875	0.875	0.75	0.5	219
143	G63B_100_087e	0.125	0.75	1.0	1.0	0.875	0.562	226
144	Y86G_087_087e	0.125	0.875	0.0	0.875	0.875	0.437	142
145	G00B_087_075e	0.125	0.875	0.125	0.875	0.75	0.5	150
146	G07B_087_075e	0.125	0.875	0.25	0.875	0.75	0.5	159
147	G15B_087_075e	0.125	0.875	0.375	0.875	0.75	0.5	169
148	G25B_087_075e	0.125	0.875	0.5	0.875	0.75	0.5	180
149	G34B_087_075e	0.125	0.875	0.625	0.875	0.75	0.5	191
150	G42B_087_075e	0.125	0.875	0.75	0.875	0.75	0.5	201
151	G50B_087_075e	0.125	0.875	0.875	0.875	0.75	0.5	210
152	G56B_100_087e	0.125	0.875	1.0	1.0	0.875	0.562	218
153	Y88G_100_100e	0.125	1.0	0.0	1.0	1.0	0.5	143
154	G00B_100_087e	0.125	1.0	0.125	1.0	0.875	0.562	150
155	G06B_100_087e	0.125	1.0	0.25	1.0	0.875	0.562	158
156	G13B_100_087e	0.125	1.0	0.375	1.0	0.875	0.562	166
157	G20B_100_087e	0.125	1.0	0.5	1.0	0.875	0.562	175
158	G29B_100_087e	0.125	1.0	0.625	1.0	0.875	0.562	185
159	G36B_100_087e	0.125	1.0	0.75	1.0	0.875	0.562	194
160	G43B_100_087e	0.125	1.0	0.875	1.0	0.875	0.562	202
161	G50B_100_087e	0.125	1.0	1.0	1.0	0.875	0.562	210

n	rgb^*_{Fe}			$LabCh^*_{Fe}$				
81	0.125	0.0	0.03	20.1	7.4	3.5	8.2	25.4
82	0.058	0.0	0.125	18.7	6.1	−3.7	7.1	328.6
83	0.002	0.0	0.25	20.2	6.2	−10.8	12.5	300.1
84	0.0	0.038	0.375	23.0	6.1	−17.0	18.1	289.7
85	0.0	0.074	0.5	25.6	6.2	−23.3	24.1	285.0
86	0.0	0.111	0.625	28.1	6.4	−29.7	30.4	282.1
87	0.0	0.147	0.75	30.6	6.5	−36.1	36.7	280.2
88	0.0	0.18	0.875	33.1	6.9	−42.3	42.9	279.3
89	0.0	0.215	1.0	35.6	7.1	−48.6	49.1	278.3
90	0.125	0.098	0.0	24.8	−0.3	9.7	9.7	92.3
91	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0
92	0.124	0.16	0.25	29.0	0.1	−6.2	6.2	271.7
93	0.124	0.196	0.375	31.6	0.3	−12.4	12.4	271.7
94	0.124	0.231	0.5	34.3	0.5	−18.6	18.6	271.7
95	0.125	0.267	0.625	36.9	0.7	−24.8	24.8	271.7
96	0.125	0.303	0.75	39.6	0.9	−31.0	31.0	271.7
97	0.125	0.338	0.875	42.2	1.1	−37.2	37.2	271.7
98	0.125	0.374	1.0	44.9	1.3	−43.4	43.4	271.7
99	0.095	0.25	0.0	29.6	−10.9	14.3	18.0	127.2
100	0.124	0.25	0.144	31.1	−7.8	2.5	8.2	162.2
101	0.124	0.25	0.233	31.3	−4.7	−3.5	5.9	216.9
102	0.124	0.296	0.375	35.1	−5.8	−12.2	13.5	244.3
103	0.124	0.319	0.5	37.5	−5.2	−18.8	19.6	254.3
104	0.125	0.348	0.625	40.1	−4.8	−25.0	25.5	258.9
105	0.125	0.377	0.75	42.7	−4.5	−31.1	31.4	261.6
106	0.125	0.406	0.875	45.3	−4.2	−37.1	37.4	263.5
107	0.125	0.444	1.0	48.1	−4.2	−43.4	43.6	264.4
108	0.094	0.375	0.0	33.6	−20.0	16.7	26.1	140.0
109	0.124	0.375	0.163	35.9	−15.6	5.0	16.4	162.2
110	0.124	0.375	0.262	36.4	−12.1	−2.0	12.2	189.6
111	0.124	0.375	0.342	36.2	−9.4	−7.1	11.8	216.9
112	0.124	0.453	0.5	39.9	−11.6	−16.2	20.0	234.3
113	0.125	0.467	0.625	43.8	−11.7	−24.5	27.1	244.3
114	0.125	0.487	0.75	46.4	−10.9	−31.4	33.2	250.7
115	0.125	0.513	0.875	48.8	−10.5	−37.7	39.2	254.3
116	0.125	0.54	1.0	51.3	−10.0	−43.9	45.0	257.1
117	0.081	0.5	0.0	37.8	−29.0	19.6	35.0	145.9
118	0.124	0.5	0.182	40.7	−23.5	7.5	24.7	162.2
119	0.124	0.5	0.285	41.2	−20.0	0.1	20.0	179.5
120	0.124	0.5	0.374	41.6	−16.4	−5.8	17.4	199.6
121	0.124	0.5	0.45	41.1	−14.2	−10.7	17.8	216.9
122	0.125	0.625	0.62	44.8	−16.7	−19.7	25.9	229.7
123	0.125	0.625	0.75	49.0	−17.9	−28.7	33.8	237.9
124	0.125	0.639	0.875	52.5	−17.6	−36.7	40.7	244.3
125	0.125	0.659	1.0	55.3	−16.9	−43.8	47.0	248.9
126	0.062	0.625	0.0	42.1	−38.0	22.5	44.2	149.4
127	0.125	0.625	0.201	45.5	−31.3	10.0	32.9	162.2
128	0.125	0.625	0.309	45.9	−27.9	2.4	28.0	175.0
129	0.125	0.625	0.399	46.5	−24.2	−4.0	24.5	189.6
130	0.125	0.625	0.487	46.6	−21.0	−9.4	23.0	204.2
131	0.125	0.625	0.559	46.1	−18.9	−14.2	23.7	216.9
132	0.125	0.75	0.727	49.7	−21.6	−23.2	31.7	227.0
133	0.125	0.781	0.875	53.4	−23.3	−32.5	40.0	234.3
134	0.125	0.792	1.0	58.1	−24.0	−41.2	47.7	239.7
135	0.03	0.75	0.0	46.2	−47.3	25.4	53.7	151.7
136	0.125	0.75	0.22	50.2	−39.2	12.5	41.1	162.2
137	0.125	0.75	0.328	50.6	−35.8	4.8	36.2	172.2
138	0.125	0.75	0.421	51.3	−32.1	−1.8	32.2	183.2
139	0.125	0.75	0.512	51.8	−28.2	−8.1	29.4	195.9
140	0.125	0.75	0.599	51.6	−25.6	−13.0	28.8	206.9
141	0.125	0.75	0.667	51.0	−23.7	−17.8	29.7	216.9
142	0.125	0.875	0.835	54.7	−26.5	−26.7	37.6	225.1
143	0.125	0.975	1.0	58.3	−28.5	−35.9	45.8	231.5
144	0.009	0.875	0.0	50.6	−56.2	28.7	63.1	152.9
145	0.125	0.875	0.239	55.0	−47.0	15.0	49.4	162.2
146	0.125	0.875	0.346	55.4	−43.7	7.3	44.3	170.4
147	0.125	0.875	0.446	56.0	−40.1	0.3	40.1	179.5
148	0.125	0.875	0.536	56.6	−36.3	−6.1	36.8	189.6
149	0.125	0.875	0.624	56.8	−32.9	−11.7	34.9	199.6
150	0.125	0.875	0.709	56.5	−30.4	−16.7	34.7	208.7
151	0.125	0.875	0.776	56.0	−28.4	−21.4	35.6	216.9
152	0.125	1.0	0.946	59.6	−31.2	−30.4	43.6	224.2
153	0.0	1.0	0.012	55.1	−64.6	31.4	71.9	154.0
154	0.125	1.0	0.259	59.8	−54.9	17.6	57.6	162.2
155	0.125	1.0	0.371	60.2	−51.4	9.5	52.3	169.5
156	0.125	1.0	0.469	60.7	−48.0	2.6	48.1	176.8
157	0.125	1.0	0.561	61.5	−44.1	−3.8	44.2	185.0
158	0.125	1.0	0.649	61.9	−40.4	−10.2	41.7	194.1
159	0.125	1.0	0.739	61.9	−37.5	−15.4	40.5	202.3
160	0.125	1.0	0.815	61.5	−35.3	−20.1	40.6	209.6
161	0.125	1.0	0.884	60.9	−33.2	−25.0	41.5	216.9

n	$rgb^{*\prime}_{Fe}$			$LabCh^{*\prime}_{Fe}$					$DE^{*\prime}_{Fe}$	$h_{siM,e}$
81	0.125	0.0	0.0	24.0	5.9	7.2	9.4	50.8	5.6	376
82	0.125	0.0	0.125	26.0	11.4	−4.6	12.3	338.0	9.1	297
83	0.125	0.0	0.25	26.4	14.7	−16.0	21.8	312.4	11.7	270
84	0.125	0.0	0.375	27.8	17.4	−23.7	29.4	306.3	14.0	264
85	0.125	0.0	0.5	28.6	26.8	−31.8	41.6	310.1	22.4	262
86	0.125	0.0	0.625	28.6	31.6	−35.0	47.2	312.0	25.7	260
87	0.125	0.0	0.75	29.3	34.3	−37.9	51.1	312.1	27.8	259
88	0.125	0.0	0.875	29.7	34.0	−39.9	52.4	310.4	27.3	258
89	0.125	0.0	1.0	31.2	31.5	−40.6	51.4	307.7	26.0	258
90	0.125	0.125	0.0	30.2	−4.3	14.4	15.0	106.8	8.1	78
91	0.125	0.125	0.125	21.3	0.0	−0.5	0.6	267.5	5.0	360
92	0.125	0.125	0.25	28.9	2.8	−15.8	16.0	280.2	9.9	253
93	0.125	0.125	0.375	31.2	5.1	−24.1	24.6	281.9	12.6	253
94	0.125	0.125	0.5	35.4	9.4	−28.1	29.7	288.4	13.0	253
95	0.125	0.125	0.625	37.8	14.4	−33.6	36.6	293.2	16.3	253
96	0.125	0.125	0.75	39.1	16.2	−38.1	41.4	293.0	16.8	253
97	0.125	0.125	0.875	36.0	21.3	−42.3	47.4	296.6	21.7	253
98	0.125	0.125	1.0	35.1	23.1	−41.8	47.8	298.9	24.0	253
99	0.125	0.25	0.0	36.6	−11.9	18.7	22.2	122.6	8.2	127
100	0.125	0.25	0.125	36.9	−11.2	4.4	12.0	158.2	6.9	158
101	0.125	0.25	0.25	34.4	−9.6	−14.9	17.7	237.1	12.7	203
102	0.125	0.25	0.375	37.8	−5.5	−22.5	23.2	256.1	10.6	227
103	0.125	0.25	0.5	40.4	−2.7	−27.9	28.0	264.3	9.8	238
104	0.125	0.25	0.625	43.4	0.9	−31.2	31.2	271.7	9.1	243
105	0.125	0.25	0.75	44.4	3.1	−36.3	36.4	274.9	9.4	246
106	0.125	0.25	0.875	39.7	10.9	−43.7	45.0	284.0	17.4	248
107	0.125	0.25	1.0	38.2	14.5	−43.2	45.6	288.5	21.2	248
108	0.125	0.375	0.0	40.9	−28.5	23.4	36.8	140.5	12.9	135
109	0.125	0.375	0.125	39.5	−22.7	6.3	23.6	164.3	8.0	158
110	0.125	0.375	0.25	37.5	−18.0	−7.4	19.5	202.4	8.1	183
111	0.125	0.375	0.375	42.7	−13.3	−21.4	25.2	238.1	16.1	203
112	0.125	0.375	0.5	43.7	−10.2	−26.4	28.3	248.8	10.9	216
113	0.125	0.375	0.625	45.8	−7.7	−30.3	31.3	255.6	7.3	227
114	0.125	0.375	0.75	47.2	−5.4	−34.0	34.5	260.8	6.1	234
115	0.125	0.375	0.875	45.3	−2.8	−44.7	44.8	266.3	10.9	238
116	0.125	0.375	1.0	40.4	2.5	−46.9	47.0	273.0	16.8	241
117	0.125	0.5	0.0	43.7	−42.4	28.6	51.2	145.9	17.1	141
118	0.125	0.5	0.125	44.1	−29.9	11.1	31.9	159.5	8.1	158
119	0.125	0.5	0.25	44.2	−26.8	−1.5	26.9	183.3	7.6	175
120	0.125	0.5	0.375	45.0	−20.8	−15.3	25.8	216.4	10.9	190
121	0.125	0.5	0.5	47.1	−16.3	−26.5	31.1	238.4	17.0	203
122	0.125	0.5	0.625	49.2	−13.5	−30.9	33.7	246.3	12.4	209
123	0.125	0.5	0.75	50.5	−11.4	−33.9	35.8	251.3	8.5	220
124	0.125	0.5	0.875	50.7	−10.8	−40.8	42.2	255.1	8.1	227
125	0.125	0.5	1.0	46.1	−8.6	−47.6	48.4	259.7	12.9	232
126	0.125	0.625	0.0	49.0	−53.8	33.4	63.3	148.1	20.4	144
127	0.125	0.625	0.125	49.2	−38.1	17.4	41.9	155.5	10.6	158
128	0.125	0.625	0.25	49.3	−36.0	5.8	36.5	170.8	9.4	171
129	0.125	0.625	0.375	50.0	−30.6	−8.3	31.7	195.2	8.3	183
130	0.125	0.625	0.5	51.5	−24.3	−19.7	31.3	219.0	11.8	194
131	0.125	0.625	0.625	52.7	−21.6	−28.6	35.9	233.0	16.0	203
132	0.125	0.625	0.75	53.5	−17.6	−33.2	37.6	242.0	11.4	208
133	0.125	0.625	0.875	53.2	−15.5	−38.6	41.6	248.1	9.9	216
134	0.125	0.625	1.0	51.2	−14.6	−46.5	48.7	252.5	12.7	223
135	0.125	0.75	0.0	54.0	−58.1	36.9	68.9	147.5	17.6	147
136	0.125	0.75	0.125	55.2	−43.6	22.2	49.0	152.9	11.7	158
137	0.125	0.75	0.25	55.0	−42.3	11.7	43.9	164.5	10.3	168
138	0.125	0.75	0.375	56.2	−40.4	0.2	40.4	179.6	9.8	178
139	0.125	0.75	0.5	57.7	−34.1	−12.3	36.3	199.9	9.3	187
140	0.125	0.75	0.625	57.9	−30.1	−22.3	37.5	216.6	12.0	196
141	0.125	0.75	0.75	57.5	−25.3	−30.9	39.9	230.6	14.6	203
142	0.125	0.75	0.875	56.9	−21.3	−36.8	42.5	239.9	11.6	207
143	0.125	0.75	1.0	55.9	−20.2	−43.0	47.5	244.7	11.1	211
144	0.125	0.875	0.0	58.4	−60.0	39.3	71.8	146.7	13.6	149
145	0.125	0.875	0.125	59.3	−56.3	28.7	63.2	152.9	17.0	158
146	0.125	0.875	0.25	59.2	−53.5	17.9	56.4	161.4	14.9	166
147	0.125	0.875	0.375	59.5	−49.3	5.3	49.6	173.7	11.0	175
148	0.125	0.875	0.5	60.7	−42.8	−6.0	43.3	187.9	7.7	183
149	0.125	0.875	0.625	60.9	−38.4	−14.4	41.0	200.6	7.3	190
150	0.125	0.875	0.75	60.8	−33.5	−23.4	40.9	214.9	8.5	197
151	0.125	0.875	0.875	59.5	−29.4	−32.9	44.2	228.2	12.0	203
152	0.125	0.875	1.0	58.3	−25.8	−40.3	47.8	237.3	11.3	206
153	0.125	1.0	0.0	58.1	−59.8	36.8	70.3	148.3	7.8	150
154	0.125	1.0	0.125	56.9	−60.4	29.4	67.2	153.9	13.4	158
155	0.125	1.0	0.25	56.7	−57.8	19.3	60.9	161.5	12.1	165
156	0.125	1.0	0.375	58.1	−53.1	9.6	54.0	169.7	9.0	172
157	0.125	1.0	0.5	59.0	−47.2	−1.5	47.3	181.8	4.7	179
158	0.125	1.0	0.625	59.5	−41.3	−12.1	43.0	196.4	3.1	186
159	0.125	1.0	0.75	59.8	−37.5	−18.5	41.9	206.3	3.7	193
160	0.125	1.0	0.875	59.9	−33.1	−26.0	42.1	218.1	6.5	198
161	0.125	1.0	1.0	56.0	−30.7	−37.5	48.5	230.7	13.6	203

Mean color difference of this page: **delta $E^{*\prime}$ = *12.3***

n	rgb^*_{Me}			$LabCh^*_{Me}$				
81	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
82	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
83	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
84	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
85	0.0	0.149	1.0	34.8	12.5	−46.7	48.3	285.0
86	0.0	0.177	1.0	35.2	10.2	−47.6	48.7	282.1
87	0.0	0.196	1.0	35.4	8.7	−48.1	48.9	280.2
88	0.0	0.206	1.0	35.5	7.9	−48.4	49.0	279.3
89	0.0	0.215	1.0	35.6	7.1	−48.6	49.1	278.3
90	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
91	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
92	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
93	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
94	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
95	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
96	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
97	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
98	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
99	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
100	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
101	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
102	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
103	0.0	0.518	1.0	46.3	−14.0	−50.3	52.2	254.3
104	0.0	0.446	1.0	43.9	−9.7	−50.1	51.0	258.9
105	0.0	0.404	1.0	42.6	−7.2	−49.8	50.3	261.6
106	0.0	0.375	1.0	41.7	−5.6	−49.5	49.8	263.5
107	0.0	0.365	1.0	41.2	−4.8	−49.6	49.8	264.4
108	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
109	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
110	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
111	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
112	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
113	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
114	0.0	0.579	1.0	48.4	−17.5	−50.2	53.2	250.7
115	0.0	0.518	1.0	46.3	−14.0	−50.3	52.2	254.3
116	0.0	0.474	1.0	44.8	−11.4	−50.2	51.5	257.1
117	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9
118	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
119	0.0	1.0	0.428	55.9	−53.5	0.4	53.5	179.5
120	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199.6
121	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
122	0.0	1.0	0.99	53.2	−33.4	−39.5	51.8	229.7
123	0.0	0.8	1.0	52.6	−28.7	−45.9	54.2	237.9
124	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
125	0.0	0.61	1.0	49.5	−19.3	−50.1	53.7	248.9
126	0.099	1.0	0.0	57.5	−60.8	36.0	70.7	149.4
127	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
128	0.0	1.0	0.368	55.4	−55.8	4.8	56.0	175.0
129	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
130	0.0	1.0	0.725	56.9	−42.1	−18.9	46.1	204.2
131	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
132	0.0	1.0	0.964	53.8	−34.6	−37.2	50.8	227.0
133	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
134	0.0	0.762	1.0	52.6	−27.4	−47.1	54.6	239.7
135	0.04	1.0	0.0	56.2	−63.1	33.9	71.7	151.7
136	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
137	0.0	1.0	0.325	55.3	−57.4	7.8	57.9	172.2
138	0.0	1.0	0.475	56.3	−51.5	−2.8	51.5	183.2
139	0.0	1.0	0.62	57.0	−45.2	−12.9	47.0	195.9
140	0.0	1.0	0.759	56.8	−41.0	−20.8	46.0	206.9
141	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
142	0.0	1.0	0.947	54.2	−35.4	−35.6	50.2	225.1
143	0.0	0.971	1.0	52.9	−32.5	−41.0	52.4	231.5
144	0.011	1.0	0.0	55.5	−64.2	32.9	72.2	152.9
145	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
146	0.0	1.0	0.295	55.1	−58.3	9.8	59.1	170.4
147	0.0	1.0	0.428	55.9	−53.5	0.4	53.5	179.5
148	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
149	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199.6
150	0.0	1.0	0.779	56.6	−40.6	−22.3	46.3	208.7
151	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
152	0.0	1.0	0.938	54.4	−35.7	−34.8	49.9	224.2
153	0.0	1.0	0.012	55.1	−64.6	31.4	71.9	154.0
154	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
155	0.0	1.0	0.281	55.1	−58.8	10.8	59.8	169.5
156	0.0	1.0	0.393	55.6	−54.9	3.0	55.0	176.8
157	0.0	1.0	0.498	56.5	−50.4	−4.4	50.6	185.0
158	0.0	1.0	0.599	56.9	−46.2	−11.6	47.6	194.1
159	0.0	1.0	0.701	56.9	−42.8	−17.6	46.3	202.3
160	0.0	1.0	0.788	56.5	−40.3	−23.0	46.4	209.6
161	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9

1−0132030−F0 RE730−7N, Page 21/33−F

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

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

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)
TUB material: code=rha4ta

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

n	HIC*Fe	rgb_Fe			ict_Fe			hsi_F,e	rgb*Fe			LabCh*Fe					rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
162	R00Y_025_025e	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.061	23.8	14.8	7.0	16.4	25.4	0.25	0.0	0.0	27.6	12.4	13.9	18.6	48.2	8.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
163	R00Y_025_025e	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.228	24.1	17.5	-2.4	17.7	352.0	0.25	0.0	0.125	26.6	15.4	3.1	15.7	11.5	6.4	334	1.0	0.0	0.914	47.3	70.1	-9.7	70.8	352.0
164	B50R_025_025e	0.25	0.0	0.25	0.25	0.25	0.125	330	0.116	0.0	0.25	21.1	12.2	-7.4	14.3	328.6	0.25	0.0	0.25	27.9	23.4	-8.3	24.9	340.4	13.2	297	0.467	0.0	1.0	35.3	48.9	-29.8	57.2	328.6
165	B34R_037_037e	0.25	0.0	0.375	0.375	0.375	0.187	311	0.06	0.0	0.375	21.9	12.6	-14.7	19.4	310.5	0.25	0.0	0.375	29.1	27.1	-16.1	31.5	329.2	16.2	278	0.161	0.0	1.0	31.2	33.7	-39.4	51.9	310.5
166	B25R_050_050e	0.25	0.0	0.5	0.5	0.5	0.25	300	0.004	0.0	0.5	24.0	12.5	-21.6	25.0	300.1	0.25	0.0	0.5	29.7	31.5	-22.8	38.9	324.1	19.8	270	0.008	0.0	1.0	31.7	25.1	-43.2	50.0	300.1
167	B19R_062_062e	0.25	0.0	0.625	0.625	0.625	0.312	293	0.0	0.039	0.625	26.9	12.2	-28.0	30.6	293.5	0.25	0.0	0.625	30.1	35.9	-27.9	45.5	322.1	24.0	266	0.0	0.062	1.0	33.2	19.5	-44.8	48.9	293.5
168	B15R_075_075e	0.25	0.0	0.75	0.75	0.75	0.375	289	0.0	0.076	0.75	29.6	12.2	-34.1	36.2	289.7	0.25	0.0	0.75	30.6	38.8	-31.1	49.7	321.2	26.7	264	0.0	0.101	1.0	34.0	16.3	-45.5	48.3	289.7
169	B13R_087_087e	0.25	0.0	0.875	0.875	0.875	0.437	286	0.0	0.114	0.875	32.3	12.2	-40.2	42.1	286.9	0.25	0.0	0.875	31.0	39.9	-34.5	52.8	319.0	28.2	263	0.0	0.13	1.0	34.6	13.9	-46.0	48.1	286.9
170	B11R_100_100e	0.25	0.0	1.0	1.0	1.0	0.5	284	0.0	0.149	1.0	34.8	12.5	-46.7	48.3	285.0	0.25	0.0	1.0	31.2	39.0	-35.9	53.1	317.3	28.8	262	0.0	0.149	1.0	34.8	12.5	-46.7	48.3	285.0
171	R50Y_025_025e	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.066	0.0	27.5	9.4	15.6	18.3	58.8	0.25	0.125	0.0	31.6	1.6	20.1	20.2	85.3	9.8	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
172	R00Y_025_012e	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.155	30.1	7.4	3.5	8.2	25.4	0.25	0.125	0.125	29.9	6.6	8.1	10.5	50.7	4.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
173	B50R_025_012e	0.25	0.125	0.25	0.25	0.125	0.187	330	0.183	0.124	0.25	28.7	6.1	-3.7	7.1	328.6	0.25	0.125	0.25	32.1	13.5	-6.9	15.2	332.9	8.8	297	0.467	0.0	1.0	35.3	48.9	-29.8	57.2	328.6
174	B25R_037_025e	0.25	0.125	0.375	0.375	0.25	0.25	300	0.127	0.124	0.375	30.2	6.2	-10.8	12.5	300.1	0.25	0.125	0.375	34.3	14.4	-15.5	21.2	312.9	10.2	270	0.008	0.0	1.0	31.7	25.1	-43.2	50.0	300.1
175	B15R_050_037e	0.25	0.125	0.5	0.5	0.375	0.312	289	0.124	0.163	0.5	33.0	6.1	-17.0	18.1	289.7	0.25	0.125	0.5	36.0	18.5	-22.2	28.9	309.8	13.8	264	0.0	0.101	1.0	34.0	16.3	-45.5	48.3	289.7
176	B11R_062_050e	0.25	0.125	0.625	0.625	0.5	0.375	284	0.125	0.199	0.625	35.6	6.2	-23.3	24.1	285.0	0.25	0.125	0.625	38.9	21.5	-27.8	35.1	307.6	16.2	262	0.0	0.149	1.0	34.8	12.5	-46.7	48.3	285.0
177	B09R_075_062e	0.25	0.125	0.75	0.75	0.625	0.437	281	0.125	0.236	0.75	38.1	6.4	-29.7	30.4	282.1	0.25	0.125	0.75	39.5	25.2	-32.9	41.5	307.4	19.1	260	0.0	0.177	1.0	35.2	10.2	-47.6	48.7	282.1
178	B07R_087_075e	0.25	0.125	0.875	0.875	0.75	0.5	279	0.125	0.272	0.875	40.6	6.5	-36.1	36.7	280.2	0.25	0.125	0.875	35.9	31.9	-37.3	49.1	310.5	25.8	259	0.0	0.196	1.0	35.4	8.7	-48.1	48.9	280.2
179	B06R_100_087e	0.25	0.125	1.0	1.0	0.875	0.562	278	0.125	0.305	1.0	43.1	6.9	-42.3	42.9	279.3	0.25	0.125	1.0	35.5	30.6	-38.1	48.9	308.7	25.2	258	0.0	0.206	1.0	35.5	7.9	-48.4	49.0	279.3
180	Y00G_025_025e	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.197	0.0	33.3	-0.7	19.4	19.4	92.3	0.25	0.25	0.0	38.0	-7.2	29.9	30.8	103.5	13.2	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
181	Y00G_025_012e	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.223	0.124	34.8	-0.3	9.7	9.7	92.3	0.25	0.25	0.125	37.1	-4.8	15.4	16.1	107.3	7.5	78	1.0	0.791	0.0	84.1	-3.1	77.7	77.7	92.3
182	NW_025e	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	35.1	0.0	-1.1	1.1	269.9	1.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
183	B00R_037_012e	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.285	0.375	39.0	0.1	-6.2	6.2	271.7	0.25	0.25	0.375	37.8	3.6	-16.3	16.7	282.4	10.7	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
184	B00R_050_025e	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.321	0.5	41.6	0.3	-12.4	12.4	271.7	0.25	0.25	0.5	41.5	6.0	-22.2	23.0	285.1	11.3	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
185	B00R_062_037e	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.356	0.625	44.3	0.5	-18.6	18.6	271.7	0.25	0.25	0.625	45.6	8.5	-25.4	26.8	288.6	10.5	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
186	B00R_075_050e	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.392	0.75	46.9	0.7	-24.8	24.8	271.7	0.25	0.25	0.75	46.2	13.1	-30.7	33.4	293.2	13.7	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
187	B00R_087_062e	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.428	0.875	49.6	0.9	-31.0	31.0	271.7	0.25	0.25	0.875	40.8	20.2	-39.1	44.0	297.4	22.7	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
188	B00R_100_075e	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.463	1.0	52.2	1.1	-37.2	37.2	271.7	0.25	0.25	1.0	38.9	22.0	-39.6	45.3	299.0	24.9	253	0.0	0.284	1.0	37.6	1.5	-49.6	49.6	271.7
189	Y31G_037_037e	0.25	0.375	0.0	0.375	0.375	0.187	109	0.219	0.375	0.0	39.8	-12.3	27.1	29.7	114.4	0.25	0.375	0.0	42.0	-13.5	33.2	35.8	112.1	6.5	114	0.585	1.0	0.0	78.9	-32.8	72.3	79.4	114.4
190	Y50G_037_025e	0.25	0.375	0.125	0.375	0.25	0.25	120	0.22	0.375	0.124	39.6	-10.9	14.3	18.0	127.2	0.25	0.375	0.125	44.6	-13.2	18.9	23.1	125.0	7.1	127	0.38	1.0	0.0	69.5	-43.7	57.5	72.3	127.2
191	G00B_037_012e	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.269	41.1	-7.8	2.5	8.2	162.2	0.25	0.375	0.25	43.2	-11.1	3.3	11.6	163.3	4.0	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
192	G50B_037_012e	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.358	41.2	-4.7	-3.5	5.9	216.9	0.25	0.375	0.375	44.0	-8.9	-14.2	16.8	237.9	11.8	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
193	G75B_050_025e	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.421	0.5	45.0	-5.8	-12.2	13.5	244.3	0.25	0.375	0.5	46.5	-4.8	-21.2	21.7	257.2	9.1	227	0.0	0.685	1.0	51.3	-23.5	-49.0	54.3	244.3
194	G84B_062_037e	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.444	0.625	47.5	-5.2	-18.8	19.6	254.3	0.25	0.375	0.625	49.2	-1.9	-25.5	25.6	265.6	7.6	238	0.0	0.518	1.0	46.3	-14.0	-50.3	52.2	254.3
195	G88B_075_050e	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.473	0.75	50.1	-4.8	-25.0	25.5	258.9	0.25	0.375	0.75	50.5	0.0	-29.9	29.9	270.1	7.0	243	0.0	0.446	1.0	43.9	-9.7	-50.1	51.0	258.9
196	G90B_087_062e	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.502	0.875	52.7	-4.5	-31.1	31.4	261.6	0.25	0.375	0.875	48.6	5.5	-39.6	39.9	277.9	13.7	246	0.0	0.404	1.0	42.6	-7.2	-49.8	50.3	261.6
197	G92B_100_075e	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.531	1.0	55.3	-4.2	-37.1	37.4	263.5	0.25	0.375	1.0	44.9	9.9	-40.7	41.9	283.7	17.9	248	0.0	0.375	1.0	41.7	-5.6	-49.5	49.8	263.5
198	Y50G_050_050e	0.25	0.5	0.0	0.5	0.5	0.25	120	0.19	0.5	0.0	42.9	-21.8	28.7	36.1	127.2	0.25	0.5	0.0	47.0	-24.5	37.8	45.1	122.9	10.3	127	0.38	1.0	0.0	69.5	-43.7	57.5	72.3	127.2
199	Y68G_050_037e	0.25	0.5	0.125	0.5	0.375	0.312	131	0.219	0.5	0.124	43.5	-20.0	16.7	26.1	140.0	0.25	0.5	0.125	49.7	-21.9	22.1	31.1	134.7	8.3	135	0.251	1.0	0.0	62.3	-53.5	44.7	69.7	140.0
200	G00B_050_025e	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.288	45.9	-15.6	5.0	16.4	162.2	0.25	0.5	0.25	47.9	-20.3	7.1	21.5	160.6	5.5	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
201	G25B_050_025e	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.387	46.4	-12.1	-2.0	12.2	189.6	0.25	0.5	0.375	48.6	-15.6	-7.2	17.2	204.8	6.6	183	0.0	1.0	0.549	56.7	-48.4	-8.1	49.1	189.6
202	G50B_050_025e	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.467	46.2	-9.4	-7.1	11.8	216.9	0.25	0.5	0.5	51.5	-12.9	-19.9	23.7	237.1	14.3	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
203	G65B_062_037e	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.578	0.625	49.9	-11.6	-16.2	20.0	234.3	0.25	0.5	0.625	52.1	-8.6	-25.4	26.9	251.3	9.9	216	0.0	0.875	1.0	52.5	-31.1	-43.3	53.4	234.3
204	G75B_075_050e	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.592	0.75	53.8	-11.7	-24.5	27.1	244.3	0.25	0.5	0.75	53.7	-6.8	-28.9	29.8	256.6	6.6	227	0.0	0.685	1.0	51.3	-23.5	-49.0	54.3	244.3
205	G80B_087_062e	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.612	0.875	56.4	-10.9	-31.4	33.2	250.7	0.25	0.5	0.875	53.8	-5.6	-37.1	37.5	261.3	8.1	234	0.0	0.579	1.0	48.4	-17.5	-50.2	53.2	250.7
206	G84B_100_075e	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.638	1.0	58.8	-10.5	-37.7	39.2	254.3	0.25	0.5	1.0	47.1	0.7	-42.7	42.8	271.0	17.0	238	0.0	0.518	1.0	46.3	-14.0	-50.3	52.2	254.3
207	Y61G_062_062e	0.25	0.625	0.0	0.625	0.625	0.312	127	0.186	0.625	0.0	46.7	-31.4	30.9	44.1	135.4	0.25	0.625	0.0	51.6	-35.6	41.0	54.3	130.9	11.9	133	0.297	1.0	0.0	64.9	-50.3	49.5	70.6	135.4
208	Y76G_062_050e	0.25	0.625	0.125	0.625	0.5	0.375	136	0.206	0.625	0.125	47.8	-29.0	19.6	35.0	145.9	0.25	0.625	0.125	54.4	-29.8	25.4	39.2	139.5	8.7	141	0.163	1.0	0.0	59.4	-58.0	39.3	70.1	145.9
209	G00B_062_037e	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.307	50.7	-23.5	7.5	24.7	162.2	0.25	0.625	0.25	53.3	-27.9	12.4	30.5	156.0	7.0	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
210	G15B_062_037e	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.41	51.2	-20.0	0.1	20.0	179.5	0.25	0.625	0.375	54.9	-23.1	0.0	23.1	180.1	4.8	175	0.0	1.0	0.428	55.9	-53.5	0.4	53.5	179.5
211	G34B_062_037e	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.499	51.6	-16.4	-5.8	17.4	199.6	0.25	0.625	0.5	55.8	-20.1	-13.0	23.9	213.0	9.1	190	0.0	1.0	0.666	57.0	-43.9	-15.6	46.6	199.6
212	G50B_062_037e	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.575	51.1	-14.2	-10.7	17.8	216.9	0.25	0.625	0.625	56.1	-15.5	-23.3	28.0	236.3	13.6	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
213	G61B_075_050e	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.75	0.745	54.7	-16.7	-19.7	25.9	229.7	0.25	0.625	0.75	57.1	-12.4	-28.9	31.4	246.6	10.3	209	0.0	1.0	0.99	53.2	-33.4	-39.5	51.8	229.7
214	G69B_087_062e	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.75	0.875	59.0	-17.9	-28.7	33.8	237.9	0.25	0.625	0.875	57.1	-10.5	-34.3	35.9	252.8	9.4	220	0.0	0.8	1.0	52.6	-28.7	-45.9	54.2	237.9
215	G75B_100_075e	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.764	1.0	62.5	-17.6	-36.7	40.7	244.3	0.25	0.625	1.0	55.1	-10.3	-41.2	42.5	255.8	11.2	227	0.0	0.685	1.0	51.3	-23.5	-49.0	54.3	244.3
216	Y68G_075_075e	0.25	0.75	0.0	0.75	0.75	0.375	131	0.188	0.75	0.0	50.8	-40.1	33.5	52.3	140.0	0.25	0.75	0.0	58.9	-42.3	46.5	62.9	132.3	15.4	135	0.251	1.0	0.0	62.3	-53.5	44.7	69.7	140.0
217	Y81G_075_062e	0.25	0.75	0.125	0.75	0.625	0.437	139	0.187	0.75	0.125	52.1	-38.0	22.5	44.2	149.4	0.25	0.75	0.125	57.9	-36.8	29.6	47.3	141.1	9.3	144	0.099	1.0	0.0	57.5	-60.8	36.0	70.7	149.4
218	G00B_075_050e	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.326	55.5	-31.3	10.0	32.9	162.2	0.25	0.75	0.25	58.9	-34.0	18.3	38.6	151.6	9.3	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
219	G11B_075_050e	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.434	55.9	-27.9	2.4	28.0	175.0	0.25	0.75	0.375	60.5	-31.1	8.2	32.2	165.2	8.0	171	0.0	1.0	0.368	55.4	-55.8	4.8	56.0	175.0
220	G25B_075_050e	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.524	56.5	-24.2	-4.0	24.5	189.6	0.25	0.75	0.5	62.0	-26.5	-3.7	26.8	188.1	5.9	183	0.0	1.0	0.549	56.7	-48.4	-8.1	49.1	189.6
221	G38B_075_050e	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.612	56.6	-21.0	-9.4	23.0	204.2	0.25	0.75	0.625	62.2	-21.9	-15.0	26.6	214.3	7.9	194	0.0	1.0	0.725	56.9	-42.1	-18.9	46.1	204.2
222	G50B_075_050e	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.684	56.1	-18.9	-14.2	23.7	216.9	0.25	0.75	0.75	61.9	-19.0	-25.6	31.9	233.3	12.7	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
223	G59B_087_062e	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.875	0.852	59.7	-21.6	-23.2	31.7	227.0	0.25	0.75	0.875	61.5	-16.5	-31.9	35.9	242.6	10.2	208	0.0	1.0	0.964	53.8	-34.6	-37.2	50.8	227.0
224	G65B_100_075e	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.906	1.0	63.4	-23.3	-32.5	40.0	234.3	0.25	0.75	1.0	60.9	-16.4	-39.4	42.7	247.3	10.0	216	0.0	0.875	1.0	52.5	-31.1	-43.3	53.4	234.3
225	Y73G_087_087e	0.25	0.875	0.0	0.875	0.875	0.437	134	0.174	0.875	0.0	55.0	-49.2	36.3	61.2	143.5	0.25	0.875	0.0	63.5	-50.0	47.7	69.1	136.3	14.2	139	0.199	1.0	0.0	60.5	-56.2	41.5	69.9	143.5
226	Y85G_087_075e	0.25	0.875	0.125	0.875	0.75	0.5	141	0.155	0.875	0.125	56.2	-47.3	25.4	53.7	151.7	0.25	0.875	0.125	64.6	-48.7	35.2	60.1	144.1	12.9	147	0.04	1.0	0.0	56.2	-63.1	33.9	71.7	151.7
227	G00B_087_062e	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.345	60.2	-39.2	12.5	41.1	162.2	0.25	0.875	0.25	64.8	-45.6	23.5	51.3	152.7	13.4	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
228	G09B_087_062e	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.453	60.6	-35.8	4.8	36.2	172.2	0.25	0.875	0.375	66.5	-40.4	11.9	42.2	163.5	10.2	168	0.0	1.0	0.325	55.3	-57.4	7.8	57.9	172.2
229	G19B_087_062e	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.546	61.3	-32.1	-1.8	32.2	183.2	0.25	0.875	0.5	66.9	-35.7	-0.4	35.7	180.7	6.7	178	0.0	1.0	0.475	56.3	-51.5	-2.8	51.5	183.2
230	G30B_087_062e	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.637	61.7	-28.2	-8.1	29.4	195.9	0.25	0.875	0.625	67.4	-30.7	-9.6	32.2	197.3	6.3	187	0.0	1.0	0.62	57.0	-45.2	-12.9	47.0	195.9
231	G40B_087_062e	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.724	61.6	-25.6	-13.0	28.8	206.9	0.25	0.875	0.75	65.8	-26.0	-19.6	32.6	217.0	7.8	196	0.0	1.0	0.759	56.8	-41.0	-20.8	46.0	206.9
232	G50B_087_062e	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.792	61.0	-23.7	-17.8	29.7	216.9	0.25	0.875	0.875	66.2	-22.2	-29.6	37.0	233.0	12.9	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9
233	G57B_100_075e	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	1.0	0.96	64.7	-26.5	-26.7	37.6	225.1	0.25	0.875	1.0	64.7	-18.6	-35.8	40.4	242.4	12.0	207	0.0	1.0	0.947	54.2	-35.4	-35.6	50.2	225.1
234	Y76G_100_100e	0.25	1.0	0.0	1.0	1.0	0.5	136	0.163	1.0	0.0	59.4	-58.0	39.3	70.1	145.9	0.25	1.0	0.0	62.2	-53.6	44.5	69.7	140.2	7.4	141	0.163	1.0	0.0	59.4	-58.0	39.3	70.1	145.9
235	Y86G_100_087e	0.25	1.0	0.125	1.0	0.875	0.562	142	0.134	1.0	0.125	60.6	-56.2	28.7	63.1	152.9	0.25	1.0	0.125	64.1	-49.0	34.6	60.0	144.7	9.9	149	0.011	1.0	0.0	55.5	-64.2	32.9	72.2	152.9
236	G00B_100_075e	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.364	65.0	-47.0	15.0	49.4	162.2	0.25	1.0	0.25	62.6	-49.8	26.2	56.3	152.2	11.7	158	0.0	1.0	0.153	54.6	-62.7	20.1	65.8	162.2
237	G07B_100_075e	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.471	65.4	-43.7	7.3	44.3	170.4	0.25	1.0	0.375	62.7	-47.1	15.1	49.4	162.1	8.8	166	0.0	1.0	0.295	55.1	-58.3	9.8	59.1	170.4
238	G15B_100_075e	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.571	66.0	-40.1	0.3	40.1	179.5	0.25	1.0	0.5	63.7	-41.5	3.0	41.6	175.8	3.8	175	0.0	1.0	0.428	55.9	-53.5	0.4	53.5	179.5
239	G25B_100_075e	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.661	66.6	-36.3	-6.1	36.8	189.6	0.25	1.0	0.625	64.1	-35.6	-9.9	36.9	195.6	4.6	183	0.0	1.0	0.549	56.7	-48.4	-8.1	49.1	189.6
240	G34B_100_075e	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.749	66.8	-32.9	-11.7	34.9	199.6	0.25	1.0	0.75	65.2	-31.2	-15.8	35.0	206.8	4.6	190	0.0	1.0	0.666	57.0	-43.9	-15.6	46.6	199.6
241	G42B_100_075e	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.834	66.5	-30.4	-16.7	34.7	208.7	0.25	1.0	0.875	65.0	-27.2	-23.8	36.1	221.1	7.9	197	0.0	1.0	0.779	56.6	-40.6	-22.3	46.3	208.7
242	G50B_100_075e	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	0.901	65.9	-28.4	-21.4	35.6	216.9	0.25	1.0	1.0	61.1	-25.3	-35.2	43.4	234.2	14.9	203	0.0	1.0	0.868	55.8	-37.9	-28.5	47.5	216.9

Mean color difference of this page: delta $E^{*\prime}$ = *11.6*

1-0132130-F0 RE730-7N, Page 22/33-F

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

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

1-0132130-F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 23/33

n	HIC*Fe	rgb_Fe			ict_Fe			hsi_F,e	rgb*Fe			LabCh*Fe					rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
243	R00Y_037_037$_e$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.091	27.5	22.2	10.5	24.6	25.4	0.375	0.0	0.0	30.3	27.2	22.2	35.2	39.2	13.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
244	R18Y_037_037$_e$	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.233	27.5	24.3	1.8	24.4	4.3	0.375	0.0	0.125	32.0	25.7	9.6	27.5	20.4	9.0	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
245	B65R_037_037$_e$	0.375	0.0	0.25	0.375	0.375	0.187	349	0.332	0.0	0.375	27.0	24.5	−5.8	25.2	346.6	0.375	0.0	0.25	31.0	30.7	−0.5	30.7	358.9	9.1	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
246	B50R_037_037$_e$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.175	0.0	0.375	23.4	18.3	−11.1	21.4	328.6	0.375	0.0	0.375	31.9	36.7	−9.1	37.8	345.9	20.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
247	B38R_050_050$_e$	0.375	0.0	0.5	0.5	0.5	0.25	316	0.111	0.0	0.5	23.8	18.7	−18.5	26.3	315.3	0.375	0.0	0.5	31.7	39.1	−15.6	42.1	338.1	22.0	282	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3
248	B30R_062_062$_e$	0.375	0.0	0.625	0.625	0.625	0.312	307	0.068	0.0	0.625	25.7	19.1	−25.6	32.0	306.8	0.375	0.0	0.625	32.2	42.3	−21.3	47.4	333.2	24.4	275	0.11	0.0	1.0	31.3	30.7	−41.0	51.2	306.8
249	B25R_075_075$_e$	0.375	0.0	0.75	0.75	0.75	0.375	300	0.006	0.0	0.75	27.9	18.8	−32.4	37.5	300.1	0.375	0.0	0.75	32.4	45.0	−26.9	52.5	329.1	27.1	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
250	B20R_087_087$_e$	0.375	0.0	0.875	0.875	0.875	0.437	295	0.0	0.037	0.875	30.7	18.5	−38.9	43.1	295.4	0.375	0.0	0.875	33.3	45.9	−30.6	55.2	326.2	28.7	267	0.0	0.043	1.0	32.7	21.1	−44.4	49.2	295.4
251	B18R_100_100$_e$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.0	0.072	1.0	33.4	18.7	−45.0	48.8	292.5	0.375	0.0	1.0	33.4	45.6	−32.1	55.7	324.8	29.8	266	0.0	0.072	1.0	33.4	18.7	−45.0	48.8	292.5
252	R31Y_037_037$_e$	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.053	0.0	30.4	19.6	20.8	28.6	46.6	0.375	0.125	0.0	37.2	9.7	29.1	30.7	71.4	14.5	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
253	R00Y_037_025$_e$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.186	33.8	14.8	7.0	16.4	25.4	0.375	0.125	0.125	37.6	12.2	16.9	20.9	54.0	10.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
254	R00Y_037_025$_e$	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.353	34.1	17.5	−2.4	17.7	352.0	0.375	0.125	0.25	36.0	18.0	2.8	18.3	9.0	5.6	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
255	B50R_037_025$_e$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.241	0.124	0.375	31.1	12.2	−7.4	14.3	328.6	0.375	0.125	0.375	38.4	25.0	−9.1	26.6	339.8	14.8	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
256	B34R_050_037$_e$	0.375	0.125	0.5	0.5	0.375	0.312	311	0.185	0.124	0.5	31.9	12.6	−14.7	19.4	310.5	0.375	0.125	0.5	39.4	26.4	−15.5	30.6	329.5	15.7	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
257	B25R_062_050$_e$	0.375	0.125	0.625	0.625	0.5	0.375	300	0.129	0.125	0.625	34.0	12.5	−21.6	25.0	300.1	0.375	0.125	0.625	39.7	30.2	−21.3	37.0	324.7	18.5	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
258	B19R_075_062$_e$	0.375	0.125	0.75	0.75	0.625	0.437	293	0.125	0.164	0.75	36.8	12.2	−28.0	30.6	293.5	0.375	0.125	0.75	41.6	31.4	−27.1	41.5	319.1	19.7	266	0.0	0.062	1.0	33.2	19.5	−44.8	48.9	293.5
259	B15R_087_075$_e$	0.375	0.125	0.875	0.875	0.75	0.5	289	0.125	0.201	0.875	39.6	12.2	−34.1	36.2	289.7	0.375	0.125	0.875	37.8	39.8	−33.8	52.2	319.6	27.6	264	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
260	B13R_100_087$_e$	0.375	0.125	1.0	1.0	0.875	0.562	286	0.125	0.239	1.0	42.3	12.2	−40.2	42.1	286.9	0.375	0.125	1.0	37.6	37.9	−34.7	51.4	317.5	26.7	263	0.0	0.13	1.0	34.6	13.9	−46.0	48.1	286.9
261	R68Y_037_037$_e$	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.157	0.0	35.9	8.9	26.1	27.6	71.1	0.375	0.25	0.0	42.7	−0.4	38.3	38.3	90.6	16.7	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
262	R50Y_037_025$_e$	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.191	0.124	37.5	9.4	15.6	18.3	58.8	0.375	0.25	0.125	45.4	0.8	22.4	22.4	87.9	13.4	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
263	R00Y_037_012$_e$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.28	40.0	7.4	3.5	8.2	25.4	0.375	0.25	0.25	43.6	6.9	7.0	9.8	45.4	4.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
264	B50R_037_012$_e$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.308	0.249	0.375	38.7	6.1	−3.7	7.1	328.6	0.375	0.25	0.375	44.8	11.9	−7.0	13.8	329.3	9.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
265	B25R_050_025$_e$	0.375	0.25	0.5	0.5	0.25	0.375	300	0.252	0.249	0.5	40.2	6.2	−10.8	12.5	300.1	0.375	0.25	0.5	45.7	14.8	−15.6	21.5	313.5	11.2	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
266	B15R_062_037$_e$	0.375	0.25	0.625	0.625	0.375	0.437	289	0.25	0.288	0.625	43.0	6.1	−17.0	18.1	289.7	0.375	0.25	0.625	47.0	17.3	−21.6	27.7	308.6	12.7	264	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
267	B11R_075_050$_e$	0.375	0.25	0.75	0.75	0.5	0.5	284	0.25	0.324	0.75	45.6	6.2	−23.3	24.1	285.0	0.375	0.25	0.75	48.2	18.8	−26.9	32.9	305.0	13.4	262	0.0	0.149	1.0	34.8	12.5	−46.7	48.3	285.0
268	B09R_087_062$_e$	0.375	0.25	0.875	0.875	0.625	0.562	281	0.25	0.361	0.875	48.1	6.4	−29.7	30.4	282.1	0.375	0.25	0.875	44.4	27.0	−34.8	44.0	307.8	21.5	260	0.0	0.177	1.0	35.2	10.2	−47.6	48.7	282.1
269	B07R_100_075$_e$	0.375	0.25	1.0	1.0	0.75	0.625	279	0.25	0.397	1.0	50.6	6.5	−36.1	36.7	280.2	0.375	0.25	1.0	42.4	27.3	−36.1	45.3	307.0	22.3	259	0.0	0.196	1.0	35.4	8.7	−48.1	48.9	280.2
270	Y00G_037_037$_e$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.296	0.0	41.7	−1.1	29.1	29.1	92.3	0.375	0.375	0.0	51.8	−10.2	44.8	45.9	102.9	20.7	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
271	Y00G_037_025$_e$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.322	0.124	43.3	−0.7	19.4	19.4	92.3	0.375	0.375	0.125	54.0	−8.6	31.8	32.9	105.1	18.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
272	Y00G_037_012$_e$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.348	0.249	44.8	−0.3	9.7	9.7	92.3	0.375	0.375	0.25	51.5	−5.6	13.8	14.9	112.1	9.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
273	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	49.3	0.1	−1.1	1.1	276.0	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
274	B00R_050_012$_e$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.41	0.5	49.0	0.1	−6.2	6.2	271.7	0.375	0.375	0.5	50.4	2.7	−14.3	14.6	280.9	8.6	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
275	B00R_062_025$_e$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.446	0.625	51.6	0.3	−12.4	12.4	271.7	0.375	0.375	0.625	51.6	5.4	−20.3	21.1	284.8	9.4	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
276	B00R_075_037$_e$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.481	0.75	54.3	0.5	−18.6	18.6	271.7	0.375	0.375	0.75	53.0	7.9	−25.5	26.7	287.3	10.1	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
277	B00R_087_050$_e$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.517	0.875	56.9	0.7	−24.8	24.8	271.7	0.375	0.375	0.875	51.7	14.5	−34.3	37.3	293.0	17.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
278	B00R_100_062$_e$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.553	1.0	59.6	0.9	−31.0	31.0	271.7	0.375	0.375	1.0	48.4	16.5	−36.0	39.7	294.6	19.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
279	Y23G_050_050$_e$	0.375	0.5	0.0	0.5	0.5	0.25	104	0.337	0.5	0.0	50.4	−13.6	40.4	42.6	108.6	0.375	0.5	0.0	51.3	−14.3	49.0	51.0	106.2	8.7	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
280	Y31G_050_037$_e$	0.375	0.5	0.125	0.5	0.375	0.312	109	0.344	0.5	0.124	49.8	−12.3	27.1	29.7	114.4	0.375	0.5	0.125	57.7	−15.0	33.8	37.0	114.0	10.7	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
281	Y50G_050_025$_e$	0.375	0.5	0.25	0.5	0.25	0.375	120	0.345	0.5	0.249	49.6	−10.9	14.3	18.0	127.2	0.375	0.5	0.25	56.7	−13.1	17.2	21.6	127.2	7.9	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
282	G00B_050_012$_e$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.394	51.1	−7.8	2.5	8.2	162.2	0.375	0.5	0.375	56.1	−10.1	3.5	10.7	160.9	5.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
283	G50B_050_012$_e$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.483	51.2	−4.7	−3.5	5.9	216.9	0.375	0.5	0.5	56.7	−7.4	−11.0	13.3	236.1	9.6	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
284	G75B_062_025$_e$	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.546	0.625	55.0	−5.8	−12.2	13.5	244.3	0.375	0.5	0.625	55.8	−4.2	−19.8	20.2	257.9	7.7	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
285	G84B_075_037$_e$	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.569	0.75	57.5	−5.2	−18.8	19.6	254.3	0.375	0.5	0.75	56.4	−2.1	−24.9	25.0	265.0	6.9	238	0.0	0.518	1.0	46.3	−14.0	−50.3	52.2	254.3
286	G88B_087_050$_e$	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.598	0.875	60.1	−4.8	−25.0	25.5	258.9	0.375	0.5	0.875	58.1	1.7	−33.0	33.0	273.0	10.5	243	0.0	0.446	1.0	43.9	−9.7	−50.1	51.0	258.9
287	G90B_100_062$_e$	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.627	1.0	62.7	−4.5	−31.1	31.4	261.6	0.375	0.5	1.0	53.2	6.8	−36.1	36.7	280.8	15.6	246	0.0	0.404	1.0	42.6	−7.2	−49.8	50.3	261.6
288	Y38G_062_062$_e$	0.375	0.625	0.0	0.625	0.625	0.312	113	0.324	0.625	0.0	53.0	−23.1	41.5	47.5	119.1	0.375	0.625	0.0	55.3	−23.5	50.1	55.4	115.1	8.8	118	0.518	1.0	0.0	75.0	−37.0	66.5	76.1	119.1
289	Y50G_062_050$_e$	0.375	0.625	0.125	0.625	0.5	0.375	120	0.315	0.625	0.125	52.9	−21.8	28.7	36.1	127.2	0.375	0.625	0.125	61.7	−21.7	37.1	43.0	120.3	12.1	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
290	Y68G_062_037$_e$	0.375	0.625	0.25	0.625	0.375	0.437	131	0.344	0.625	0.25	53.5	−20.0	16.7	26.1	140.0	0.375	0.625	0.25	61.4	−21.3	22.1	30.7	133.9	9.6	135	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
291	G00B_062_025$_e$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.413	55.9	−15.6	5.0	16.4	162.2	0.375	0.625	0.375	61.8	−19.4	8.0	21.0	157.4	7.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
292	G25B_062_025$_e$	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.512	56.4	−12.1	−2.0	12.2	189.6	0.375	0.625	0.5	62.1	−14.8	−4.0	15.3	195.3	6.6	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
293	G50B_062_025$_e$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.592	56.2	−9.4	−7.1	11.8	216.9	0.375	0.625	0.625	63.4	−12.8	−15.6	20.2	230.4	11.6	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
294	G65B_075_037$_e$	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.703	0.75	59.9	−11.6	−16.2	20.0	234.3	0.375	0.625	0.75	62.2	−9.9	−24.4	26.3	247.8	8.6	216	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
295	G75B_087_050$_e$	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.717	0.875	63.8	−11.7	−24.5	27.1	244.3	0.375	0.625	0.875	62.4	−7.6	−29.2	30.1	255.3	6.4	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
296	G80B_100_062$_e$	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.737	1.0	66.3	−10.9	−31.4	33.2	250.7	0.375	0.625	1.0	58.1	−4.4	−37.0	37.3	263.1	11.9	234	0.0	0.579	1.0	48.4	−17.5	−50.2	53.2	250.7
297	Y50G_075_075$_e$	0.375	0.75	0.0	0.75	0.75	0.375	120	0.285	0.75	0.0	56.2	−32.8	43.1	54.2	127.2	0.375	0.75	0.0	63.5	−31.8	55.8	64.3	119.6	14.7	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
298	Y61G_075_062$_e$	0.375	0.75	0.125	0.75	0.625	0.437	127	0.311	0.75	0.125	56.7	−31.4	30.9	44.1	135.4	0.375	0.75	0.125	66.7	−30.6	40.3	50.6	127.1	13.7	133	0.297	1.0	0.0	64.9	−50.3	49.5	70.6	135.4
299	Y76G_075_050$_e$	0.375	0.75	0.25	0.75	0.5	0.5	136	0.331	0.75	0.25	57.8	−29.0	19.6	35.0	145.9	0.375	0.75	0.25	66.3	−28.8	25.8	38.7	138.1	10.4	141	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9
300	G00B_075_037$_e$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.432	60.7	−23.5	7.5	24.7	162.2	0.375	0.75	0.375	66.8	−25.9	13.3	29.2	152.7	8.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
301	G15B_075_037$_e$	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.535	61.1	−20.0	0.1	20.0	179.5	0.375	0.75	0.5	68.0	−22.0	3.1	22.2	171.8	7.7	175	0.0	1.0	0.428	55.9	−53.5	0.4	53.5	179.5
302	G34B_075_037$_e$	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.624	61.5	−16.4	−5.8	17.4	199.6	0.375	0.75	0.625	67.6	−19.1	−9.9	21.5	207.4	7.7	190	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199.6
303	G50B_075_037$_e$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.7	61.1	−14.2	−10.7	17.8	216.9	0.375	0.75	0.75	67.7	−17.3	−21.2	27.4	230.7	12.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
304	G61B_087_050$_e$	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.875	0.87	64.7	−16.7	−19.7	25.9	229.7	0.375	0.75	0.875	67.4	−13.8	−28.2	31.4	243.8	9.3	209	0.0	1.0	0.99	53.2	−33.4	−39.5	51.8	229.7
305	G69B_100_062$_e$	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.875	1.0	69.0	−17.9	−28.7	33.8	237.9	0.375	0.75	1.0	66.5	−13.0	−33.3	35.7	248.6	7.1	220	0.0	0.8	1.0	52.6	−28.7	−45.9	54.2	237.9
306	Y58G_087_087$_e$	0.375	0.875	0.0	0.875	0.875	0.437	125	0.28	0.875	0.0	60.0	−42.5	45.4	62.2	133.0	0.375	0.875	0.0	67.9	−38.7	57.9	69.7	123.7	15.2	131	0.32	1.0	0.0	66.2	−48.5	51.9	71.1	133.0
307	Y68G_087_075$_e$	0.375	0.875	0.125	0.875	0.75	0.5	131	0.313	0.875	0.125	60.8	−40.1	33.5	52.3	140.0	0.375	0.875	0.125	71.1	−38.6	47.1	60.9	129.3	17.1	135	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
308	Y81G_087_062$_e$	0.375	0.875	0.25	0.875	0.625	0.562	139	0.312	0.875	0.25	62.1	−38.0	22.5	44.2	149.4	0.375	0.875	0.25	71.0	−36.0	30.3	47.1	139.9	12.0	144	0.099	1.0	0.0	57.5	−60.8	36.0	70.7	149.4
309	G00B_087_050$_e$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.451	65.4	−31.3	10.0	32.9	162.2	0.375	0.875	0.375	72.6	−34.0	20.4	39.6	149.0	12.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
310	G11B_087_050$_e$	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.559	65.9	−27.9	2.4	28.0	175.0	0.375	0.875	0.5	73.1	−30.5	8.4	31.7	164.5	9.7	171	0.0	1.0	0.368	55.4	−55.8	4.8	56.0	175.0
311	G25B_087_050$_e$	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.649	66.5	−24.2	−4.0	24.5	189.6	0.375	0.875	0.625	72.4	−26.9	−2.4	27.0	185.2	6.6	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
312	G38B_087_050$_e$	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.737	66.6	−21.0	−9.4	23.0	204.2	0.375	0.875	0.75	71.6	−23.8	−14.3	27.7	211.0	7.4	194	0.0	1.0	0.725	56.9	−42.1	−18.9	46.1	204.2
313	G50B_087_050$_e$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.809	66.1	−18.9	−14.2	23.7	216.9	0.375	0.875	0.875	71.6	−19.1	−26.4	32.6	234.0	13.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
314	G59B_100_062$_e$	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	1.0	0.977	69.7	−21.6	−23.2	31.7	227.0	0.375	0.875	1.0	70.4	−16.4	−31.2	35.2	242.2	9.5	208	0.0	1.0	0.964	53.8	−34.6	−37.2	50.8	227.0
315	Y63G_100_100$_e$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.286	1.0	0.0	64.2	−51.1	48.4	70.4	136.5	0.375	1.0	0.0	69.3	−44.0	57.2	72.1	127.5	12.4	133	0.286	1.0	0.0	64.2	−51.1	48.4	70.4	136.5
316	Y73G_100_087$_e$	0.375	1.0	0.125	1.0	0.875	0.562	134	0.299	1.0	0.125	65.0	−49.2	36.3	61.2	143.5	0.375	1.0	0.125	69.7	−43.0	47.7	64.2	131.9	13.8	139	0.199	1.0	0.0	60.5	−56.2	41.5	69.9	143.5
317	Y85G_100_075$_e$	0.375	1.0	0.25	1.0	0.75	0.625	141	0.28	1.0	0.25	66.2	−47.3	25.4	53.7	151.7	0.375	1.0	0.25	70.8	−39.2	31.4	50.2	141.2	11.1	147	0.04	1.0	0.0	56.2	−63.1	33.9	71.7	151.7
318	G00B_100_062$_e$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.47	70.2	−39.2	12.5	41.1	162.2	0.375	1.0	0.375	70.5	−38.1	22.9	44.5	148.9	10.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
319	G09B_100_062$_e$	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.578	70.6	−35.8	4.8	36.2	172.2	0.375	1.0	0.5	71.1	−34.5	13.1	36.9	159.2	8.3	168	0.0	1.0	0.325	55.3	−57.4	7.8	57.9	172.2
320	G19B_100_062$_e$	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.671	71.3	−32.1	−1.8	32.2	183.2	0.375	1.0	0.625	71.8	−30.4	0.7	30.4	178.6	3.1	178	0.0	1.0	0.475	56.3	−51.5	−2.8	51.5	183.2
321	G30B_100_062$_e$	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.762	71.7	−28.2	−8.1	29.4	195.9	0.375	1.0	0.75	71.4	−26.3	−11.6	28.8	203.8	4.0	187	0.0	1.0	0.62	57.0	−45.2	−12.9	47.0	195.9
322	G40B_100_062$_e$	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.849	71.6	−25.6	−13.0	28.8	206.9	0.375	1.0	0.875	71.2	−23.7	−18.0	29.8	217.1	5.3	196	0.0	1.0	0.759	56.8	−41.0	−20.8	46.0	206.9
323	G50B_100_062$_e$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	0.917	71.0	−23.7	−17.8	29.7	216.9	0.375	1.0	1.0	70.0	−19.9	−28.6	34.8	235.1	11.4	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9

Mean color difference of this page: delta $E^{*\prime}$ = *12.6*

1−0132230−F0

RE730−7N, Page 23/33−F

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

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

1−0132230−F0

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 24/33

n	HIC*$_{Fe}$	*rgb*$_{_Fe}$			*ict*$_{_Fe}$			$h_{si_F,e}$	*rgb**$_{Fe}$			*LabCh**$_{Fe}$					*rgb**'$_{Fe}$			*LabCh**'$_{Fe}$					*DE**'$_{Fe}$	$h_{siM,e}$	*rgb**$_{Me}$			*LabCh**$_{Me}$				
324	R00Y_050_050$_e$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.122	31.3	29.6	14.1	32.8	25.4	0.5	0.0	0.0	32.6	38.4	27.1	47.1	35.2	15.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
325	R26Y_050_050$_e$	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.26	31.1	31.4	5.4	31.9	9.8	0.5	0.0	0.125	34.4	34.7	17.7	38.9	27.0	13.0	358	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
326	R00Y_050_050$_e$	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.457	31.8	35.0	−4.8	35.4	352.0	0.5	0.0	0.25	33.6	37.5	6.2	38.0	9.4	11.5	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
327	B61R_050_050$_e$	0.5	0.0	0.375	0.5	0.5	0.25	344	0.37	0.0	0.5	28.9	29.9	−9.7	31.4	341.8	0.5	0.0	0.375	33.5	42.3	−3.5	42.5	355.1	14.6	315	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
328	B50R_050_050$_e$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.233	0.0	0.5	25.8	24.4	−14.9	28.6	328.6	0.5	0.0	0.5	34.4	45.4	−10.4	46.6	347.0	23.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
329	B40R_062_062$_e$	0.5	0.0	0.625	0.625	0.625	0.312	319	0.164	0.0	0.625	25.8	24.8	−22.2	33.3	318.1	0.5	0.0	0.625	34.6	48.3	−16.4	51.0	341.2	25.7	284	0.263	0.0	1.0	31.4	39.8	−35.6	53.4	318.1
330	B34R_075_075$_e$	0.5	0.0	0.75	0.75	0.75	0.375	311	0.121	0.0	0.75	27.5	25.3	−29.5	38.9	310.5	0.5	0.0	0.75	35.0	49.8	−22.9	54.9	335.2	26.4	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
331	B29R_087_087$_e$	0.5	0.0	0.875	0.875	0.875	0.437	305	0.07	0.0	0.875	29.5	25.4	−36.5	44.5	304.9	0.5	0.0	0.875	36.1	51.2	−26.9	57.8	332.2	28.2	274	0.081	0.0	1.0	31.4	29.1	−41.7	50.8	304.9
332	B25R_100_100$_e$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1	0.5	0.0	1.0	35.9	50.0	−28.9	57.8	329.9	28.9	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
333	R23Y_050_050$_e$	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.04	0.0	33.6	28.3	24.7	37.6	41.0	0.5	0.125	0.0	39.0	21.7	35.4	41.5	58.5	13.7	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
334	R00Y_050_037$_e$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.216	37.5	22.2	10.5	24.6	25.4	0.5	0.125	0.125	41.0	20.3	23.3	30.9	48.8	13.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
335	R18Y_050_037$_e$	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.358	37.5	24.3	1.8	24.4	4.3	0.5	0.125	0.25	40.0	23.2	10.0	25.2	23.3	8.6	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
336	B65R_050_037$_e$	0.5	0.125	0.375	0.5	0.375	0.312	349	0.457	0.124	0.5	37.0	24.5	−5.8	25.2	346.6	0.5	0.125	0.375	40.1	28.2	−1.4	28.3	357.1	6.5	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
337	B50R_050_037$_e$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.3	0.124	0.5	33.4	18.3	−11.1	21.4	328.6	0.5	0.125	0.5	41.6	33.7	−10.4	35.2	342.8	17.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
338	B38R_062_050$_e$	0.5	0.125	0.625	0.625	0.5	0.375	316	0.236	0.125	0.625	33.8	18.7	−18.5	26.3	315.3	0.5	0.125	0.625	41.6	37.5	−16.3	40.9	336.4	20.4	282	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3
339	B30R_075_062$_e$	0.5	0.125	0.75	0.75	0.625	0.437	307	0.193	0.125	0.75	35.7	19.1	−25.6	32.0	306.8	0.5	0.125	0.75	42.9	39.4	−21.9	45.1	330.9	21.8	275	0.11	0.0	1.0	31.3	30.7	−41.0	51.2	306.8
340	B25R_087_075$_e$	0.5	0.125	0.875	0.875	0.75	0.5	300	0.131	0.125	0.875	37.9	18.8	−32.4	37.5	300.1	0.5	0.125	0.875	41.1	45.0	−29.4	53.8	326.8	26.6	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
341	B20R_100_087$_e$	0.5	0.125	1.0	1.0	0.875	0.562	295	0.125	0.162	1.0	40.7	18.5	−38.9	43.1	295.4	0.5	0.125	1.0	39.2	43.3	−31.4	53.5	324.0	25.9	267	0.0	0.043	1.0	32.7	21.1	−44.4	49.2	295.4
342	R50Y_050_050$_e$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.133	0.0	38.7	18.9	31.3	36.6	58.8	0.5	0.25	0.0	44.3	7.9	41.5	42.3	79.1	15.9	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
343	R31Y_050_037$_e$	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.178	0.124	40.4	19.6	20.8	28.6	46.6	0.5	0.25	0.125	47.9	7.3	28.4	29.4	75.4	16.3	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
344	R00Y_050_025$_e$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.311	43.8	14.8	7.0	16.4	25.4	0.5	0.25	0.25	46.3	11.1	14.3	18.1	52.1	8.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
345	R00Y_050_025$_e$	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.478	44.1	17.5	−2.4	17.7	352.0	0.5	0.25	0.375	46.9	16.0	1.3	16.1	4.7	4.9	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
346	B50R_050_025$_e$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.366	0.249	0.5	41.0	12.2	−7.4	14.3	328.6	0.5	0.25	0.5	49.4	20.8	−9.3	22.8	335.8	12.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
347	B34R_062_037$_e$	0.5	0.25	0.625	0.625	0.375	0.437	311	0.31	0.25	0.625	41.9	12.6	−14.7	19.4	310.5	0.5	0.25	0.625	48.1	25.2	−15.7	29.7	328.0	14.0	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
348	B25R_075_050$_e$	0.5	0.25	0.75	0.75	0.5	0.5	300	0.254	0.25	0.75	44.0	12.5	−21.6	25.0	300.1	0.5	0.25	0.75	49.9	26.2	−21.0	33.6	321.1	14.8	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
349	B19R_087_062$_e$	0.5	0.25	0.875	0.875	0.625	0.562	293	0.25	0.289	0.875	46.8	12.2	−28.0	30.6	293.5	0.5	0.25	0.875	47.5	32.8	−30.0	44.5	317.5	20.7	266	0.0	0.062	1.0	33.2	19.5	−44.8	48.9	293.5
350	B15R_100_075$_e$	0.5	0.25	1.0	1.0	0.75	0.625	289	0.25	0.326	1.0	49.6	12.2	−34.1	36.2	289.7	0.5	0.25	1.0	44.2	33.7	−32.0	46.5	316.4	22.2	264	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
351	R76Y_050_050$_e$	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.249	0.0	44.2	8.5	36.3	37.3	76.7	0.5	0.375	0.0	48.8	−1.2	47.1	47.1	91.5	15.2	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
352	R68Y_050_037$_e$	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.282	0.124	45.9	8.9	26.1	27.6	71.1	0.5	0.375	0.125	55.4	−1.8	35.6	35.6	92.9	17.1	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
353	R50Y_050_025$_e$	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.316	0.249	47.5	9.4	15.6	18.3	58.8	0.5	0.375	0.25	54.3	0.8	19.9	19.9	87.4	11.7	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
354	R00Y_050_012$_e$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.405	50.0	7.4	3.5	8.2	25.4	0.5	0.375	0.375	53.1	5.6	5.0	7.5	41.7	3.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
355	B50R_050_012$_e$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.433	0.375	0.5	48.7	6.1	−3.7	7.1	328.6	0.5	0.375	0.5	54.6	10.6	−7.2	12.8	325.7	8.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
356	B25R_062_025$_e$	0.5	0.375	0.625	0.625	0.25	0.5	300	0.377	0.375	0.625	50.2	6.2	−10.8	12.5	300.1	0.5	0.375	0.625	54.5	15.0	−14.1	20.6	316.8	10.3	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
357	B15R_075_037$_e$	0.5	0.375	0.75	0.75	0.375	0.562	289	0.375	0.413	0.75	52.9	6.1	−17.0	18.1	289.7	0.5	0.375	0.75	55.5	15.7	−19.5	25.1	308.8	10.2	264	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
358	B11R_087_050$_e$	0.5	0.375	0.875	0.875	0.5	0.625	284	0.375	0.449	0.875	55.6	6.2	−23.3	24.1	285.0	0.5	0.375	0.875	53.8	22.1	−29.8	37.1	306.6	17.2	262	0.0	0.149	1.0	34.8	12.5	−46.7	48.3	285.0
359	B09R_100_062$_e$	0.5	0.375	1.0	1.0	0.625	0.687	281	0.375	0.486	1.0	58.1	6.4	−29.7	30.4	282.1	0.5	0.375	1.0	51.1	22.5	−31.5	38.8	305.5	17.6	260	0.0	0.177	1.0	35.2	10.2	−47.6	48.7	282.1
360	Y00G_050_050$_e$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.395	0.0	50.2	−1.5	38.8	38.8	92.3	0.5	0.5	0.0	58.5	−10.2	57.3	58.2	100.0	22.0	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
361	Y00G_050_037$_e$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.421	0.124	51.7	−1.1	29.1	29.1	92.3	0.5	0.5	0.125	62.8	−9.9	42.3	43.4	103.1	19.2	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
362	Y00G_050_025$_e$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.447	0.249	53.3	−0.7	19.4	19.4	92.3	0.5	0.5	0.25	62.4	−7.8	27.0	28.1	106.2	13.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
363	Y00G_050_012$_e$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.473	0.375	54.8	−0.3	9.7	9.7	92.3	0.5	0.5	0.375	61.3	−4.4	11.0	11.8	112.1	7.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
364	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	59.2	0.1	−1.0	1.0	279.0	3.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
365	B00R_062_012$_e$	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.535	0.625	58.9	0.1	−6.2	6.2	271.7	0.5	0.5	0.625	61.1	3.0	−12.8	13.2	283.3	7.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
366	B00R_075_025$_e$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.571	0.75	61.6	0.3	−12.4	12.4	271.7	0.5	0.5	0.75	61.6	5.4	−18.1	19.0	286.7	7.7	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
367	B00R_087_037$_e$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.606	0.875	64.3	0.5	−18.6	18.6	271.7	0.5	0.5	0.875	62.3	9.7	−27.0	28.7	289.7	12.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
368	B00R_100_050$_e$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.642	1.0	66.9	0.7	−24.8	24.8	271.7	0.5	0.5	1.0	57.5	11.5	−30.8	32.9	290.5	15.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
369	Y18G_062_062$_e$	0.5	0.625	0.0	0.625	0.625	0.312	101	0.457	0.625	0.0	61.2	−14.6	54.1	56.1	105.1	0.5	0.625	0.0	61.6	−14.7	60.5	62.3	103.7	6.3	104	0.732	1.0	0.0	88.1	−23.4	86.6	89.7	105.1
370	Y23G_062_050$_e$	0.5	0.625	0.125	0.625	0.5	0.375	104	0.462	0.625	0.125	60.4	−13.6	40.4	42.6	108.6	0.5	0.625	0.125	66.8	−14.9	47.4	49.7	107.4	9.5	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
371	Y31G_062_037$_e$	0.5	0.625	0.25	0.625	0.375	0.437	109	0.469	0.625	0.25	59.8	−12.3	27.1	29.7	114.4	0.5	0.625	0.25	67.3	−14.3	32.4	35.4	113.7	9.3	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
372	Y50G_062_025$_e$	0.5	0.625	0.375	0.625	0.25	0.5	120	0.47	0.625	0.375	59.6	−10.9	14.3	18.0	127.2	0.5	0.625	0.375	67.3	−12.0	17.6	21.3	124.3	8.4	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
373	G00B_062_012$_e$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.519	61.1	−7.8	2.5	8.2	162.2	0.5	0.625	0.5	68.1	−9.6	4.1	10.5	156.5	7.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
374	G50B_062_012$_e$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.608	61.2	−4.7	−3.5	5.9	216.9	0.5	0.625	0.625	67.3	−6.7	−11.6	13.5	239.8	10.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
375	G75B_075_025$_e$	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.671	0.75	65.0	−5.8	−12.2	13.5	244.3	0.5	0.625	0.75	67.6	−3.4	−16.4	16.7	258.2	5.4	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
376	G84B_087_037$_e$	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.694	0.875	67.5	−5.2	−18.8	19.6	254.3	0.5	0.625	0.875	67.7	−1.3	−23.9	23.9	266.7	6.4	238	0.0	0.518	1.0	46.3	−14.0	−50.3	52.2	254.3
377	G88B_100_050$_e$	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.723	1.0	70.1	−4.8	−25.0	25.5	258.9	0.5	0.625	1.0	63.6	1.8	−29.9	30.0	273.4	10.5	243	0.0	0.446	1.0	43.9	−9.7	−50.1	51.0	258.9
378	Y31G_075_075$_e$	0.5	0.75	0.0	0.75	0.75	0.375	109	0.439	0.75	0.0	63.3	−24.6	54.2	59.5	114.4	0.5	0.75	0.0	69.6	−23.0	66.2	70.1	109.1	13.6	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
379	Y38G_075_062$_e$	0.5	0.75	0.125	0.75	0.625	0.437	113	0.449	0.75	0.125	63.0	−23.1	41.5	47.5	119.1	0.5	0.75	0.125	71.8	−22.7	54.0	58.6	112.8	15.2	118	0.518	1.0	0.0	75.0	−37.0	66.5	76.1	119.1
380	Y50G_075_050$_e$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.44	0.75	0.25	62.9	−21.8	28.7	36.1	127.2	0.5	0.75	0.25	72.1	−21.4	35.7	41.7	120.9	11.5	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
381	Y68G_075_037$_e$	0.5	0.75	0.375	0.75	0.375	0.562	131	0.469	0.75	0.375	63.5	−20.0	16.7	26.1	140.0	0.5	0.75	0.375	73.0	−20.2	22.1	29.9	132.4	10.8	135	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
382	G00B_075_025$_e$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.538	65.9	−15.6	5.0	16.4	162.2	0.5	0.75	0.5	73.0	−16.4	10.1	19.2	148.2	8.7	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
383	G25B_075_025$_e$	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.637	66.4	−12.1	−2.0	12.2	189.6	0.5	0.75	0.625	72.9	−13.8	−1.9	13.9	187.8	6.7	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
384	G50B_075_025$_e$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.717	66.2	−9.4	−7.1	11.8	216.9	0.5	0.75	0.75	73.7	−12.5	−15.0	19.5	230.3	11.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
385	G65B_087_037$_e$	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.828	0.875	69.8	−11.6	−16.2	20.0	234.3	0.5	0.75	0.875	72.6	−9.9	−22.4	24.5	246.1	6.9	216	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
386	G75B_100_050$_e$	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.842	1.0	73.8	−11.7	−24.5	27.1	244.3	0.5	0.75	1.0	69.6	−7.8	−28.8	29.9	254.7	7.1	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
387	Y41G_087_087$_e$	0.5	0.875	0.0	0.875	0.875	0.437	115	0.421	0.875	0.0	66.2	−34.1	55.8	65.4	121.4	0.5	0.875	0.0	74.1	−29.9	67.7	74.0	113.8	14.8	121	0.482	1.0	0.0	73.3	−39.0	63.8	74.7	121.4
388	Y50G_087_075$_e$	0.5	0.875	0.125	0.875	0.75	0.5	120	0.41	0.875	0.125	66.2	−32.8	43.1	54.2	127.2	0.5	0.875	0.125	76.3	−29.2	56.4	63.6	117.4	17.0	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
389	Y61G_087_062$_e$	0.5	0.875	0.25	0.875	0.625	0.562	127	0.436	0.875	0.25	66.7	−31.4	30.9	44.1	135.4	0.5	0.875	0.25	75.7	−28.7	37.5	47.2	127.5	11.4	133	0.297	1.0	0.0	64.9	−50.3	49.5	70.6	135.4
390	Y76G_087_050$_e$	0.5	0.875	0.375	0.875	0.5	0.625	136	0.456	0.875	0.375	67.8	−29.0	19.6	35.0	145.9	0.5	0.875	0.375	75.8	−27.6	24.0	36.6	138.9	9.2	141	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9
391	G00B_087_037$_e$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.557	70.6	−23.5	7.5	24.7	162.2	0.5	0.875	0.5	77.2	−25.3	14.4	29.1	150.3	9.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
392	G15B_087_037$_e$	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.66	71.1	−20.0	0.1	20.0	179.5	0.5	0.875	0.625	78.2	−22.9	5.3	23.5	166.9	9.2	175	0.0	1.0	0.428	55.9	−53.5	0.4	53.5	179.5
393	G34B_087_037$_e$	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.749	71.5	−16.4	−5.8	17.4	199.6	0.5	0.875	0.75	77.5	−19.6	−7.8	21.1	201.8	7.0	190	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199.6
394	G50B_087_037$_e$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.825	71.1	−14.2	−10.7	17.8	216.9	0.5	0.875	0.875	77.5	−15.5	−20.5	25.7	232.9	11.8	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
395	G61B_100_050$_e$	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	1.0	0.995	74.7	−16.7	−19.7	25.9	229.7	0.5	0.875	1.0	74.6	−13.1	−26.3	29.4	243.5	7.5	209	0.0	1.0	0.99	53.2	−33.4	−39.5	51.8	229.7
396	Y50G_100_100$_e$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2	0.5	1.0	0.0	73.9	−38.0	64.8	75.2	120.4	10.2	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
397	Y58G_100_087$_e$	0.5	1.0	0.125	1.0	0.875	0.562	125	0.405	1.0	0.125	70.0	−42.5	45.4	62.2	133.0	0.5	1.0	0.125	75.2	−36.4	56.9	67.5	122.6	13.9	131	0.32	1.0	0.0	66.2	−48.5	51.9	71.1	133.0
398	Y68G_100_075$_e$	0.5	1.0	0.25	1.0	0.75	0.625	131	0.438	1.0	0.25	70.8	−40.1	33.5	52.3	140.0	0.5	1.0	0.25	74.9	−35.2	42.0	54.8	130.0	10.6	135	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
399	Y81G_100_062$_e$	0.5	1.0	0.375	1.0	0.625	0.687	139	0.437	1.0	0.375	72.0	−38.0	22.5	44.2	149.4	0.5	1.0	0.375	76.5	−30.9	26.7	40.9	139.2	9.3	144	0.099	1.0	0.0	57.5	−60.8	36.0	70.7	149.4
400	G00B_100_050$_e$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.576	75.4	−31.3	10.0	32.9	162.2	0.5	1.0	0.5	77.7	−27.5	17.5	32.6	147.4	8.7	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
401	G11B_100_050$_e$	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.684	75.8	−27.9	2.4	28.0	175.0	0.5	1.0	0.625	78.0	−25.5	9.2	27.1	160.1	7.5	171	0.0	1.0	0.368	55.4	−55.8	4.8	56.0	175.0
402	G25B_100_050$_e$	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.774	76.5	−24.2	−4.0	24.5	189.6	0.5	1.0	0.75	77.5	−21.6	−5.3	22.2	193.8	3.0	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
403	G38B_100_050$_e$	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.862	76.6	−21.0	−9.4	23.0	204.2	0.5	1.0	0.875	76.7	−19.5	−13.7	23.9	215.1	4.5	194	0.0	1.0	0.725	56.9	−42.1	−18.9	46.1	204.2
404	G50B_100_050$_e$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.934	76.0	−18.9	−14.2	23.7	216.9	0.5	1.0	1.0	75.5	−15.9	−24.6	29.3	237.0	10.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9

Mean color difference of this page: **delta *E**' = *12.7***

1−0132330−F0 RE730−7N, Page 24/33−F

TUB-test chart RE73; 1080 standard colours, *cf*=0,9 input: *rgb/cmyk* −> *rgb*$_e$
colors and differences, Δ*E**' output: transfer to *cmyk*$_e$

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

1−0132330−F0

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 25/33

n	HIC^*_{Fe}	$rgb_{_Fe}$			$ict_{_Fe}$			$h_{si_F,e}$	rgb^*_{Fe}			$LabCh^*_{Fe}$					$rgb^{*\prime}_{Fe}$			$LabCh^{*\prime}_{Fe}$					$DE^{*\prime}_{Fe}$	$h_{siM,e}$	rgb^*_{Me}			$LabCh^*_{Me}$				
405	R00Y_062_062$_e$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.153	35.0	37.0	17.6	41.0	25.4	0.625	0.0	0.0	35.7	44.9	29.4	53.7	33.2	14.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
406	R31Y_062_062$_e$	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.288	34.8	38.6	9.0	39.6	13.2	0.625	0.0	0.125	36.9	42.3	23.1	48.2	28.6	14.7	362	1.0	0.0	0.461	45.9	61.7	14.5	63.4	13.2
407	R11Y_062_062$_e$	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.44	35.0	41.7	−0.1	41.7	359.8	0.625	0.0	0.25	35.6	44.0	13.1	46.0	16.5	13.4	346	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359.8
408	B69R_062_062$_e$	0.625	0.0	0.375	0.625	0.625	0.312	353	0.613	0.0	0.625	35.6	43.4	−7.3	44.1	350.4	0.625	0.0	0.375	35.3	46.7	2.9	46.8	3.6	10.7	329	0.981	0.0	1.0	47.2	69.5	−11.7	70.5	350.4
409	B59R_062_062$_e$	0.625	0.0	0.5	0.625	0.625	0.312	341	0.427	0.0	0.625	31.2	36.0	−13.8	38.6	339.0	0.625	0.0	0.5	36.0	50.4	−5.4	50.7	353.8	17.3	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
410	B50R_062_062$_e$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.292	0.0	0.625	28.2	30.5	−18.6	35.8	328.6	0.625	0.0	0.625	36.7	53.6	−12.4	55.1	346.9	25.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
411	B42R_075_075$_e$	0.625	0.0	0.75	0.75	0.75	0.375	321	0.221	0.0	0.75	28.1	31.1	−26.0	40.5	320.0	0.625	0.0	0.75	37.9	54.9	−18.4	58.0	341.4	26.8	286	0.295	0.0	1.0	32.0	41.4	−34.7	54.0	320.0
412	B36R_087_087$_e$	0.625	0.0	0.875	0.875	0.875	0.437	314	0.173	0.0	0.875	29.3	31.5	−33.3	45.8	313.4	0.625	0.0	0.875	38.7	55.5	−22.5	59.9	337.8	27.9	280	0.198	0.0	1.0	31.2	36.0	−38.0	52.4	313.4
413	B31R_100_100$_e$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.124	0.0	1.0	31.2	31.4	−40.6	51.4	307.7	0.625	0.0	1.0	38.7	55.4	−24.5	60.6	336.0	29.7	276	0.124	0.0	1.0	31.2	31.4	−40.6	51.4	307.7
414	R18Y_062_062$_e$	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.027	0.0	36.8	36.4	28.2	46.0	37.7	0.625	0.125	0.0	40.9	30.7	38.1	49.0	51.1	12.2	32	1.0	0.044	0.0	49.0	58.3	45.1	73.7	37.7
415	R00Y_062_050$_e$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.247	41.3	29.6	14.1	32.8	25.4	0.625	0.125	0.125	43.7	29.0	29.8	41.5	45.7	15.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
416	R26Y_062_050$_e$	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.385	41.1	31.4	5.4	31.9	9.8	0.625	0.125	0.25	42.8	30.4	16.5	34.6	28.4	11.2	358	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
417	R00Y_062_050$_e$	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.582	41.8	35.0	−4.8	35.4	352.0	0.625	0.125	0.375	42.8	33.1	5.5	33.6	9.4	10.6	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
418	B61R_062_050$_e$	0.625	0.125	0.5	0.625	0.5	0.375	344	0.495	0.125	0.625	38.9	29.9	−9.7	31.4	341.8	0.625	0.125	0.5	43.9	37.4	−3.0	37.5	355.4	11.2	315	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
419	B50R_062_050$_e$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.358	0.125	0.625	35.8	24.4	−14.9	28.6	328.6	0.625	0.125	0.625	44.1	42.4	−11.4	43.9	344.8	20.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
420	B40R_075_062$_e$	0.625	0.125	0.75	0.75	0.625	0.437	319	0.289	0.125	0.75	35.8	24.8	−22.2	33.3	318.1	0.625	0.125	0.75	45.3	45.1	−17.2	48.2	339.0	22.8	284	0.263	0.0	1.0	31.4	39.8	−35.6	53.4	318.1
421	B34R_087_075$_e$	0.625	0.125	0.875	0.875	0.75	0.5	311	0.246	0.125	0.875	37.5	25.3	−29.5	38.9	310.5	0.625	0.125	0.875	44.7	49.7	−23.4	55.0	334.7	26.2	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
422	B29R_100_087$_e$	0.625	0.125	1.0	1.0	0.875	0.562	305	0.195	0.125	1.0	39.5	25.4	−36.5	44.5	304.9	0.625	0.125	1.0	42.4	48.2	−27.0	55.3	330.6	24.7	274	0.081	0.0	1.0	31.4	29.1	−41.7	50.8	304.9
423	R38Y_062_062$_e$	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.116	0.0	41.4	29.4	36.5	46.9	51.0	0.625	0.25	0.0	45.9	17.1	43.9	47.2	68.7	15.1	40	1.0	0.186	0.0	56.5	47.1	58.4	75.1	51.0
424	R23Y_062_050$_e$	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.165	0.125	43.5	28.3	24.7	37.6	41.0	0.625	0.25	0.125	51.1	15.1	33.4	36.7	65.6	17.5	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
425	R00Y_062_037$_e$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.341	47.5	22.2	10.5	24.6	25.4	0.625	0.25	0.25	50.7	17.7	20.6	27.2	49.2	11.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
426	R18Y_062_037$_e$	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.483	47.5	24.3	1.8	24.4	4.3	0.625	0.25	0.375	50.7	21.4	8.5	23.1	21.8	8.0	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
427	B65R_062_037$_e$	0.625	0.25	0.5	0.625	0.375	0.437	349	0.582	0.25	0.625	47.0	24.5	−5.8	25.2	346.6	0.625	0.25	0.5	51.5	25.2	−1.5	25.2	356.5	6.2	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
428	B50R_062_037$_e$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.425	0.25	0.625	43.4	18.3	−11.1	21.4	328.6	0.625	0.25	0.625	52.1	30.6	−11.1	32.5	340.0	15.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
429	B38R_075_050$_e$	0.625	0.25	0.75	0.75	0.5	0.5	316	0.361	0.25	0.75	43.7	18.7	−18.5	26.3	315.3	0.625	0.25	0.75	53.0	31.8	−15.2	35.2	334.4	16.3	282	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3
430	B30R_087_062$_e$	0.625	0.25	0.875	0.875	0.625	0.562	307	0.318	0.25	0.875	45.7	19.1	−25.6	32.0	306.8	0.625	0.25	0.875	51.4	39.9	−24.0	46.6	328.8	21.5	275	0.11	0.0	1.0	31.3	30.7	−41.0	51.2	306.8
431	B25R_100_075$_e$	0.625	0.25	1.0	1.0	0.75	0.625	300	0.256	0.25	1.0	47.9	18.8	−32.4	37.5	300.1	0.625	0.25	1.0	47.5	39.9	−27.2	48.3	325.7	21.7	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
432	R61Y_062_062$_e$	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.224	0.0	47.3	18.0	42.0	45.7	66.6	0.625	0.375	0.0	50.2	5.5	49.2	49.5	83.5	14.7	50	1.0	0.359	0.0	65.9	28.9	67.2	73.1	66.6
433	R50Y_062_050$_e$	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.258	0.125	48.7	18.9	31.3	36.6	58.8	0.625	0.375	0.125	57.9	4.5	39.8	40.1	83.5	19.0	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
434	R31Y_062_037$_e$	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.303	0.25	50.4	19.6	20.8	28.6	46.6	0.625	0.375	0.25	57.7	7.7	25.4	26.6	73.1	14.8	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
435	R00Y_062_025$_e$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.436	53.8	14.8	7.0	16.4	25.4	0.625	0.375	0.375	57.4	9.9	13.2	16.5	52.9	8.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
436	R00Y_062_025$_e$	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.603	54.0	17.5	−2.4	17.7	352.0	0.625	0.375	0.5	58.3	13.3	2.5	13.6	10.8	7.7	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
437	B50R_062_025$_e$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.491	0.375	0.625	51.0	12.2	−7.4	14.3	328.6	0.625	0.375	0.625	58.5	19.1	−8.6	21.0	335.6	10.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
438	B34R_075_037$_e$	0.625	0.375	0.75	0.75	0.375	0.562	311	0.435	0.375	0.75	51.9	12.6	−14.7	19.4	310.5	0.625	0.375	0.75	58.3	21.3	−14.0	25.5	326.6	10.8	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
439	B25R_087_050$_e$	0.625	0.375	0.875	0.875	0.5	0.625	300	0.379	0.375	0.875	54.0	12.5	−21.6	25.0	300.1	0.625	0.375	0.875	59.0	28.8	−22.8	36.8	321.6	17.0	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
440	B19R_100_062$_e$	0.625	0.375	1.0	1.0	0.625	0.687	293	0.375	0.414	1.0	56.8	12.2	−28.0	30.6	293.5	0.625	0.375	1.0	54.6	29.0	−26.5	39.3	317.5	17.0	266	0.0	0.062	1.0	33.2	19.5	−44.8	48.9	293.5
441	R81Y_062_062$_e$	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.359	0.0	52.7	8.2	47.0	47.7	80.0	0.625	0.5	0.0	59.8	−3.5	59.7	59.8	93.3	18.7	64	1.0	0.574	0.0	74.5	13.1	75.2	76.3	80.0
442	R76Y_062_050$_e$	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.374	0.125	54.2	8.5	36.3	37.3	76.7	0.625	0.5	0.125	64.6	−4.1	48.7	48.9	94.8	20.5	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
443	R68Y_062_037$_e$	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.407	0.25	55.9	8.9	26.1	27.6	71.1	0.625	0.5	0.25	64.9	−1.9	32.2	32.3	93.3	15.3	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
444	R50Y_062_025$_e$	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.441	0.375	57.5	9.4	15.6	18.3	58.8	0.625	0.5	0.375	64.7	0.6	19.0	19.0	87.9	11.8	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
445	R00Y_062_012$_e$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.53	60.0	7.4	3.5	8.2	25.4	0.625	0.5	0.5	64.0	4.8	5.9	7.7	50.8	5.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
446	B50R_062_012$_e$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.558	0.5	0.625	58.7	6.1	−3.7	7.1	328.6	0.625	0.5	0.625	64.5	10.1	−6.6	12.1	326.7	7.6	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
447	B25R_075_025$_e$	0.625	0.5	0.75	0.75	0.25	0.625	300	0.502	0.5	0.75	60.1	6.2	−10.8	12.5	300.1	0.625	0.5	0.75	64.8	12.6	−12.7	18.0	314.7	8.1	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
448	B15R_087_037$_e$	0.625	0.5	0.875	0.875	0.375	0.687	289	0.5	0.538	0.875	62.9	6.1	−17.0	18.1	289.7	0.625	0.5	0.875	66.6	18.0	−20.6	27.3	311.1	12.9	264	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
449	B11R_100_050$_e$	0.625	0.5	1.0	1.0	0.5	0.75	284	0.5	0.574	1.0	65.5	6.2	−23.3	24.1	285.0	0.625	0.5	1.0	62.6	18.2	−24.2	30.3	306.9	12.3	262	0.0	0.149	1.0	34.8	12.5	−46.7	48.3	285.0
450	Y00G_062_062$_e$	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.494	0.0	58.7	−1.9	48.5	48.6	92.3	0.625	0.625	0.0	68.8	−11.7	69.1	70.1	99.6	24.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
451	Y00G_062_050$_e$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.52	0.125	60.2	−1.5	38.8	38.8	92.3	0.625	0.625	0.125	71.9	−11.2	56.2	57.3	101.3	23.0	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
452	Y00G_062_037$_e$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.546	0.25	61.7	−1.1	29.1	29.1	92.3	0.625	0.625	0.25	72.4	−9.6	39.2	40.4	103.8	17.0	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
453	Y00G_062_025$_e$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.572	0.375	63.2	−0.7	19.4	19.4	92.3	0.625	0.625	0.375	72.3	−7.0	25.9	26.8	105.2	12.7	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
454	Y00G_062_012$_e$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.598	0.5	64.8	−0.3	9.7	9.7	92.3	0.625	0.625	0.5	72.0	−4.3	10.7	11.5	111.9	8.3	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
455	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.5	0.1	−0.8	0.8	280.1	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
456	B00R_075_012$_e$	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.66	0.75	68.9	0.1	−6.2	6.2	271.7	0.625	0.625	0.75	71.2	3.2	−11.2	11.7	286.2	6.3	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
457	B00R_087_025$_e$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.696	0.875	71.6	0.3	−12.4	12.4	271.7	0.625	0.625	0.875	71.9	6.1	−17.9	18.9	289.0	8.0	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
458	B00R_100_037$_e$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.731	1.0	74.2	0.5	−18.6	18.6	271.7	0.625	0.625	1.0	69.4	7.9	−22.7	24.0	289.3	9.7	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
459	Y15G_075_075$_e$	0.625	0.75	0.0	0.75	0.75	0.375	99	0.597	0.75	0.0	72.0	−15.3	67.6	69.3	102.7	0.625	0.75	0.0	75.3	−16.1	76.3	78.0	101.9	9.3	101	0.796	1.0	0.0	90.6	−20.4	90.1	92.4	102.7
460	Y18G_075_062$_e$	0.625	0.75	0.125	0.75	0.625	0.437	101	0.582	0.75	0.125	71.2	−14.6	54.1	56.1	105.1	0.625	0.75	0.125	76.9	−16.5	60.7	62.9	105.2	8.9	104	0.732	1.0	0.0	88.1	−23.4	86.6	89.7	105.1
461	Y23G_075_050$_e$	0.625	0.75	0.25	0.75	0.5	0.5	104	0.587	0.75	0.25	70.4	−13.6	40.4	42.6	108.6	0.625	0.75	0.25	77.3	−15.3	45.1	47.7	108.7	8.5	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
462	Y31G_075_037$_e$	0.625	0.75	0.375	0.75	0.375	0.562	109	0.594	0.75	0.375	69.8	−12.3	27.1	29.7	114.4	0.625	0.75	0.375	77.9	−13.8	32.9	35.7	112.8	10.0	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
463	Y50G_075_025$_e$	0.625	0.75	0.5	0.75	0.25	0.625	120	0.595	0.75	0.5	69.6	−10.9	14.3	18.0	127.2	0.625	0.75	0.5	77.3	−11.4	20.5	23.5	119.1	9.8	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
464	G00B_075_012$_e$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.644	71.1	−7.8	2.5	8.2	162.2	0.625	0.75	0.625	77.1	−10.1	6.6	12.1	146.9	7.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
465	G50B_075_012$_e$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.733	71.2	−4.7	−3.5	5.9	216.9	0.625	0.75	0.75	77.2	−6.5	−8.9	11.1	233.7	8.2	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
466	G75B_087_025$_e$	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.796	0.875	75.0	−5.8	−12.2	13.5	244.3	0.625	0.75	0.875	77.3	−3.3	−15.9	16.3	258.2	5.0	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
467	G84B_100_037$_e$	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.819	1.0	77.5	−5.2	−18.8	19.6	254.3	0.625	0.75	1.0	74.9	−3.3	−22.2	22.5	261.3	4.7	238	0.0	0.518	1.0	46.3	−14.0	−50.3	52.2	254.3
468	Y26G_087_087$_e$	0.625	0.875	0.0	0.875	0.875	0.437	106	0.557	0.875	0.0	73.8	−25.7	67.2	72.0	110.9	0.625	0.875	0.0	81.3	−21.8	79.6	82.6	105.3	15.0	111	0.636	1.0	0.0	82.0	−29.4	76.8	82.3	110.9
469	Y31G_087_075$_e$	0.625	0.875	0.125	0.875	0.75	0.5	109	0.564	0.875	0.125	73.3	−24.6	54.2	59.5	114.4	0.625	0.875	0.125	81.8	−22.0	66.2	69.7	108.4	14.9	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
470	Y38G_087_062$_e$	0.625	0.875	0.25	0.875	0.625	0.562	113	0.574	0.875	0.25	73.0	−23.1	41.5	47.5	119.1	0.625	0.875	0.25	80.6	−20.5	44.2	48.8	114.8	8.5	118	0.518	1.0	0.0	75.0	−37.0	66.5	76.1	119.1
471	Y50G_087_050$_e$	0.625	0.875	0.375	0.875	0.5	0.625	120	0.565	0.875	0.375	72.9	−21.8	28.7	36.1	127.2	0.625	0.875	0.375	81.0	−20.2	33.4	39.1	121.2	9.4	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
472	Y68G_087_037$_e$	0.625	0.875	0.5	0.875	0.375	0.687	131	0.594	0.875	0.5	73.5	−20.0	16.7	26.1	140.0	0.625	0.875	0.5	81.9	−18.6	22.3	29.1	129.8	10.1	135	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
473	G00B_087_025$_e$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.663	75.8	−15.6	5.0	16.4	162.2	0.625	0.875	0.625	82.9	−16.6	13.2	21.2	141.4	10.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
474	G25B_087_025$_e$	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.762	76.4	−12.1	−2.0	12.2	189.6	0.625	0.875	0.75	82.7	−14.4	0.1	14.4	179.2	7.1	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
475	G50B_087_025$_e$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.842	76.2	−9.4	−7.1	11.8	216.9	0.625	0.875	0.875	83.1	−11.3	−14.6	18.5	232.2	10.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
476	G65B_100_037$_e$	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	0.953	1.0	79.8	−11.6	−16.2	20.0	234.3	0.625	0.875	1.0	80.4	−10.2	−19.8	22.2	242.7	3.8	216	0.0	0.875	1.0	52.5	−31.1	−43.3	53.4	234.3
477	Y36G_100_100$_e$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.535	1.0	0.0	76.0	−36.0	67.9	76.9	117.9	0.625	1.0	0.0	81.2	−30.0	75.6	81.4	111.6	11.0	117	0.535	1.0	0.0	76.0	−36.0	67.9	76.9	117.9
478	Y41G_100_087$_e$	0.625	1.0	0.125	1.0	0.875	0.562	115	0.546	1.0	0.125	76.2	−34.1	55.8	65.4	121.4	0.625	1.0	0.125	83.1	−27.9	66.8	72.5	112.7	14.4	121	0.482	1.0	0.0	73.3	−39.0	63.8	74.7	121.4
479	Y50G_100_075$_e$	0.625	1.0	0.25	1.0	0.75	0.625	120	0.535	1.0	0.25	76.2	−32.8	43.1	54.2	127.2	0.625	1.0	0.25	82.0	−28.1	53.5	60.4	117.7	12.7	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
480	Y61G_100_062$_e$	0.625	1.0	0.375	1.0	0.625	0.687	127	0.561	1.0	0.375	76.7	−31.4	30.9	44.1	135.4	0.625	1.0	0.375	81.1	−27.4	38.7	47.5	125.2	9.8	133	0.297	1.0	0.0	64.9	−50.3	49.5	70.6	135.4
481	Y76G_100_050$_e$	0.625	1.0	0.5	1.0	0.5	0.75	136	0.581	1.0	0.5	77.8	−29.0	19.6	35.0	145.9	0.625	1.0	0.5	82.4	−23.3	23.8	33.3	134.4	8.3	141	0.163	1.0	0.0	59.4	−58.0	39.3	70.1	145.9
482	G00B_100_037$_e$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.682	80.6	−23.5	7.5	24.7	162.2	0.625	1.0	0.625	84.0	−20.0	15.4	25.2	142.4	9.2	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
483	G15B_100_037$_e$	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.785	81.1	−20.0	0.1	20.0	179.5	0.625	1.0	0.75	84.0	−16.9	3.8	17.4	167.3	5.5	175	0.0	1.0	0.428	55.9	−53.5	0.4	53.5	179.5
484	G34B_100_037$_e$	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.874	81.5	−16.4	−5.8	17.4	199.6	0.625	1.0	0.875	82.6	−14.6	−8.1	16.8	209.0	3.1	190	0.0	1.0	0.666	57.0	−43.9	−15.6	46.6	199.6
485	G50B_100_037$_e$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	0.95	81.1	−14.2	−10.7	17.8	216.9	0.625	1.0	1.0	81.5	−11.9	−17.9	21.6	236.3	7.6	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9

Mean color difference of this page: **delta $E^{*\prime}$ = 13.0**

1−0132430−F0

RE730−7N, Page 25/33−F

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

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

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

1−0132430−F0

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 26/33

n	HIC*Fe	rgb_Fe			ict_Fe			hsi_F,e	rgb*Fe			LabCh*Fe					rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
486	R00Y_075_075e	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.183	38.7	44.4	21.1	49.2	25.4	0.75	0.0	0.0	39.6	49.4	30.9	58.3	32.0	11.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
487	R35Y_075_075e	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.316	38.5	45.8	12.6	47.5	15.4	0.75	0.0	0.125	38.2	48.6	22.7	53.6	25.0	10.4	365	1.0	0.0	0.421	45.9	61.1	16.8	63.3	15.4
488	R18Y_075_075e	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.466	38.7	48.7	3.6	48.8	4.3	0.75	0.0	0.25	37.7	48.9	15.5	51.4	17.6	11.9	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
489	R00Y_075_075e	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.685	39.6	52.6	−7.3	53.1	352.0	0.75	0.0	0.375	37.3	50.7	7.3	51.2	8.2	14.9	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
490	B65R_075_075e	0.75	0.0	0.5	0.75	0.75	0.375	349	0.665	0.0	0.75	37.6	49.0	−11.6	50.4	346.6	0.75	0.0	0.5	37.4	53.7	−1.0	53.7	358.8	11.6	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
491	B57R_075_075e	0.75	0.0	0.625	0.75	0.75	0.375	339	0.484	0.0	0.75	33.5	42.2	−17.7	45.8	337.1	0.75	0.0	0.625	37.8	56.8	−9.0	57.6	350.9	17.6	309	0.646	0.0	1.0	39.2	56.2	−23.7	61.0	337.1
492	B50R_075_075e	0.75	0.0	0.75	0.75	0.75	0.375	330	0.35	0.0	0.75	30.5	36.6	−22.3	42.9	328.6	0.75	0.0	0.75	38.8	58.2	−14.0	59.8	346.4	24.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
493	B43R_087_087e	0.75	0.0	0.875	0.875	0.875	0.437	322	0.272	0.0	0.875	30.3	37.0	−29.9	47.6	321.0	0.75	0.0	0.875	40.2	58.3	−18.4	61.2	342.5	26.2	287	0.31	0.0	1.0	32.3	42.3	−34.2	54.4	321.0
494	B38R_100_100e	0.75	0.0	1.0	1.0	1.0	0.5	316	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3	0.75	0.0	1.0	41.7	60.2	−19.1	63.1	342.3	30.7	282	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3
495	R15Y_075_075e	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.014	0.0	40.0	44.4	31.6	54.5	35.5	0.75	0.125	0.0	47.1	40.4	46.6	61.6	49.0	17.0	30	1.0	0.019	0.0	47.9	59.2	42.2	72.7	35.5
496	R00Y_075_062e	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.278	45.0	37.0	17.6	41.0	25.4	0.75	0.125	0.125	47.4	34.2	32.8	47.4	43.8	15.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
497	R31Y_075_062e	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.413	44.8	38.6	9.0	39.6	13.2	0.75	0.125	0.25	46.9	35.7	23.1	42.6	32.8	14.4	362	1.0	0.0	0.461	45.9	61.7	14.5	63.4	13.2
498	R11Y_075_062e	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.565	45.0	41.7	−0.1	41.7	359.8	0.75	0.125	0.375	45.9	37.7	14.4	40.4	20.9	15.1	346	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359.8
499	B69R_075_062e	0.75	0.125	0.5	0.75	0.625	0.437	353	0.738	0.125	0.75	45.6	43.4	−7.3	44.1	350.4	0.75	0.125	0.5	45.7	42.1	4.9	42.4	6.7	12.4	329	0.981	0.0	1.0	47.2	69.5	−11.7	70.5	350.4
500	B59R_075_062e	0.75	0.125	0.625	0.75	0.625	0.437	341	0.552	0.125	0.75	41.2	36.0	−13.8	38.6	339.0	0.75	0.125	0.625	46.0	46.0	−4.5	46.2	354.3	14.4	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
501	B50R_075_062e	0.75	0.125	0.75	0.75	0.625	0.437	330	0.417	0.125	0.75	38.2	30.5	−18.6	35.8	328.6	0.75	0.125	0.75	46.5	50.1	−13.0	51.8	345.3	22.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
502	B42R_087_075e	0.75	0.125	0.875	0.875	0.75	0.5	321	0.346	0.125	0.875	38.1	31.1	−26.0	40.5	320.0	0.75	0.125	0.875	47.3	52.4	−18.1	55.4	340.9	24.5	286	0.295	0.0	1.0	32.0	41.4	−34.7	54.0	320.0
503	B36R_100_087e	0.75	0.125	1.0	1.0	0.875	0.562	314	0.298	0.125	1.0	39.3	31.5	−33.3	45.8	313.4	0.75	0.125	1.0	46.9	53.1	−21.6	57.3	337.7	25.6	280	0.198	0.0	1.0	31.2	36.0	−38.0	52.4	313.4
504	R31Y_075_075e	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.106	0.0	44.5	39.3	41.7	57.3	46.6	0.75	0.25	0.0	55.4	22.3	55.5	59.8	68.1	24.5	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
505	R18Y_075_062e	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.152	0.125	46.8	36.4	28.2	46.0	37.7	0.75	0.25	0.125	55.1	22.0	39.9	45.6	61.0	20.3	32	1.0	0.044	0.0	49.0	58.3	45.1	73.7	37.7
506	R00Y_075_050e	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.372	51.3	29.6	14.1	32.8	25.4	0.75	0.25	0.25	54.9	23.2	27.4	36.0	49.7	15.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
507	R26Y_075_050e	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.51	51.1	31.4	5.4	31.9	9.8	0.75	0.25	0.375	53.9	26.2	16.8	31.1	32.8	12.8	358	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
508	R00Y_075_050e	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.707	51.8	35.0	−4.8	35.4	352.0	0.75	0.25	0.5	54.0	28.8	8.0	29.9	15.5	14.5	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
509	B61R_075_050e	0.75	0.25	0.625	0.75	0.5	0.5	344	0.62	0.25	0.75	48.9	29.9	−9.7	31.4	341.8	0.75	0.25	0.625	53.8	33.7	−2.3	33.8	356.0	9.6	315	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
510	B50R_075_050e	0.75	0.25	0.75	0.75	0.5	0.5	330	0.483	0.25	0.75	45.8	24.4	−14.9	28.6	328.6	0.75	0.25	0.75	53.8	38.4	−12.4	40.4	342.0	16.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
511	B40R_087_062e	0.75	0.25	0.875	0.875	0.625	0.562	319	0.414	0.25	0.875	45.8	24.8	−22.2	33.3	318.1	0.75	0.25	0.875	54.9	41.2	−17.3	44.7	337.1	19.3	284	0.263	0.0	1.0	31.4	39.8	−35.6	53.4	318.1
512	B34R_100_075e	0.75	0.25	1.0	1.0	0.75	0.625	311	0.371	0.25	1.0	47.5	25.3	−29.5	38.9	310.5	0.75	0.25	1.0	52.9	43.4	−21.9	48.6	333.2	20.3	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
513	R50Y_075_075e	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.2	0.0	50.0	28.3	47.0	54.9	58.8	0.75	0.375	0.0	60.4	11.7	60.4	61.5	79.0	23.7	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
514	R38Y_075_062e	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.241	0.125	51.4	29.4	36.5	46.9	51.0	0.75	0.375	0.125	61.5	11.9	47.0	48.5	75.7	22.7	40	1.0	0.186	0.0	56.5	47.1	58.4	75.1	51.0
515	R23Y_075_050e	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.29	0.25	53.5	28.3	24.7	37.6	41.0	0.75	0.375	0.25	61.4	12.5	31.0	33.4	67.9	18.7	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
516	R00Y_075_037e	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.466	57.5	22.2	10.5	24.6	25.4	0.75	0.375	0.375	60.6	15.7	20.3	25.7	52.2	12.1	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
517	R18Y_075_037e	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.608	57.5	24.3	1.8	24.4	4.3	0.75	0.375	0.5	60.7	17.8	11.1	21.0	31.9	11.7	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
518	B65R_075_037e	0.75	0.375	0.625	0.75	0.375	0.562	349	0.707	0.375	0.75	57.0	24.5	−5.8	25.2	346.6	0.75	0.375	0.625	60.3	22.3	0.0	22.3	359.8	7.0	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
519	B50R_075_037e	0.75	0.375	0.75	0.75	0.375	0.562	330	0.55	0.375	0.75	53.4	18.3	−11.1	21.4	328.6	0.75	0.375	0.75	59.8	27.7	−10.5	29.7	339.1	11.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
520	B38R_087_050e	0.75	0.375	0.875	0.875	0.5	0.625	316	0.486	0.375	0.875	53.7	18.7	−18.5	26.3	315.3	0.75	0.375	0.875	61.0	32.8	−16.9	36.9	332.6	15.8	282	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3
521	B30R_100_062e	0.75	0.375	1.0	1.0	0.625	0.687	307	0.443	0.375	1.0	55.6	19.1	−25.6	32.0	306.8	0.75	0.375	1.0	58.5	35.3	−21.0	41.0	329.2	17.0	275	0.11	0.0	1.0	31.3	30.7	−41.0	51.2	306.8
522	R68Y_075_075e	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.314	0.0	55.6	17.8	52.3	55.3	71.1	0.75	0.5	0.0	64.6	3.2	65.3	65.3	87.1	21.5	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
523	R61Y_075_062e	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.349	0.125	57.3	18.0	42.0	45.7	66.6	0.75	0.5	0.125	67.2	3.1	54.3	54.4	86.6	21.7	50	1.0	0.359	0.0	65.9	28.9	67.2	73.1	66.6
524	R50Y_075_050e	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.383	0.25	58.7	18.9	31.3	36.6	58.8	0.75	0.5	0.25	67.1	4.0	37.6	37.8	83.8	18.1	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
525	R31Y_075_037e	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.428	0.375	60.4	19.6	20.8	28.6	46.6	0.75	0.5	0.375	66.5	7.0	25.8	26.7	74.8	14.9	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
526	R00Y_075_025e	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.561	63.8	14.8	7.0	16.4	25.4	0.75	0.5	0.5	66.5	9.4	15.2	17.8	58.2	10.1	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
527	R00Y_075_025e	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.728	64.0	17.5	−2.4	17.7	352.0	0.75	0.5	0.625	65.7	14.0	3.5	14.5	14.2	7.1	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
528	B50R_075_025e	0.75	0.5	0.75	0.75	0.25	0.625	330	0.616	0.5	0.75	61.0	12.2	−7.4	14.3	328.6	0.75	0.5	0.75	65.3	20.5	−9.2	22.5	335.6	9.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
529	B34R_087_037e	0.75	0.5	0.875	0.875	0.375	0.687	311	0.56	0.5	0.875	61.9	12.6	−14.7	19.4	310.5	0.75	0.5	0.875	67.3	23.5	−15.4	28.1	326.8	12.1	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
530	B25R_100_050e	0.75	0.5	1.0	1.0	0.5	0.75	300	0.504	0.5	1.0	64.0	12.5	−21.6	25.0	300.1	0.75	0.5	1.0	65.9	26.7	−19.0	32.8	324.4	14.5	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
531	R85Y_075_075e	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.468	0.0	61.1	7.7	57.5	58.0	82.2	0.75	0.625	0.0	73.4	−5.5	74.3	74.5	94.2	24.7	68	1.0	0.624	0.0	76.0	10.3	76.7	77.4	82.2
532	R81Y_075_062e	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.484	0.125	62.6	8.2	47.0	47.7	80.0	0.75	0.625	0.125	74.2	−5.1	60.6	60.8	94.8	22.3	64	1.0	0.574	0.0	74.5	13.1	75.2	76.3	80.0
533	R76Y_075_050e	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.499	0.25	64.2	8.5	36.3	37.3	76.7	0.75	0.625	0.25	74.1	−3.6	44.2	44.3	94.6	17.5	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
534	R68Y_075_037e	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.532	0.375	65.9	8.9	26.1	27.6	71.1	0.75	0.625	0.375	73.5	−1.6	32.8	32.8	92.9	14.6	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
535	R50Y_075_025e	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.566	0.5	67.5	9.4	15.6	18.3	58.8	0.75	0.625	0.5	73.1	1.4	21.4	21.5	86.1	11.3	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
536	R00Y_075_012e	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.655	70.0	7.4	3.5	8.2	25.4	0.75	0.625	0.625	71.9	4.8	7.5	8.9	57.4	5.1	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
537	B50R_075_012e	0.75	0.625	0.75	0.75	0.125	0.687	330	0.683	0.625	0.75	68.6	6.1	−3.7	7.1	328.6	0.75	0.625	0.75	71.9	10.3	−6.5	12.2	327.7	6.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
538	B25R_087_025e	0.75	0.625	0.875	0.875	0.25	0.75	300	0.627	0.625	0.875	70.1	6.2	−10.8	12.5	300.1	0.75	0.625	0.875	73.6	13.6	−13.6	19.2	315.1	8.6	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
539	B15R_100_037e	0.75	0.625	1.0	1.0	0.375	0.812	289	0.625	0.663	1.0	72.9	6.1	−17.0	18.1	289.7	0.75	0.625	1.0	73.0	16.6	−16.7	23.6	314.8	10.5	264	0.0	0.101	1.0	34.0	16.3	−45.5	48.3	289.7
540	Y00G_075_075e	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.593	0.0	67.2	−2.3	58.2	58.3	92.3	0.75	0.75	0.0	81.5	−13.2	83.1	84.2	99.0	30.7	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
541	Y00G_075_062e	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.619	0.125	68.7	−1.9	48.5	48.6	92.3	0.75	0.75	0.125	80.6	−12.0	67.6	68.6	100.0	24.5	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
542	Y00G_075_050e	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.645	0.25	70.2	−1.5	38.8	38.8	92.3	0.75	0.75	0.25	80.6	−10.8	50.9	52.0	101.9	18.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
543	Y00G_075_037e	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.671	0.375	71.7	−1.1	29.1	29.1	92.3	0.75	0.75	0.375	80.1	−9.0	39.7	40.7	102.8	15.6	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
544	Y00G_075_025e	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.697	0.5	73.2	−0.7	19.4	19.4	92.3	0.75	0.75	0.5	80.4	−7.7	29.2	30.2	104.8	13.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
545	Y00G_075_012e	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.723	0.625	74.8	−0.3	9.7	9.7	92.3	0.75	0.75	0.625	79.0	−4.2	13.7	14.4	107.1	7.0	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
546	NW_075e	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	77.0	0.2	−0.2	0.3	313.6	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
547	B00R_087_012e	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.785	0.875	78.9	0.1	−6.2	6.2	271.7	0.75	0.75	0.875	79.8	1.9	−10.2	10.4	280.7	4.4	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
548	B00R_100_025e	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.821	1.0	81.6	0.3	−12.4	12.4	271.7	0.75	0.75	1.0	80.4	3.3	−15.2	15.6	282.4	4.2	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
549	Y13G_087_087e	0.75	0.875	0.0	0.875	0.875	0.437	98	0.735	0.875	0.0	82.5	−16.5	80.2	81.9	101.6	0.75	0.875	0.0	88.3	−16.5	89.8	91.3	100.4	11.2	98	0.84	1.0	0.0	91.9	−18.8	91.7	93.6	101.6
550	Y15G_087_075e	0.75	0.875	0.125	0.875	0.75	0.5	99	0.722	0.875	0.125	82.0	−15.3	67.6	69.3	102.7	0.75	0.875	0.125	86.0	−16.6	75.6	77.4	102.3	9.0	101	0.796	1.0	0.0	90.6	−20.4	90.1	92.4	102.7
551	Y18G_087_062e	0.75	0.875	0.25	0.875	0.625	0.562	101	0.707	0.875	0.25	81.2	−14.6	54.1	56.1	105.1	0.75	0.875	0.25	85.1	−16.2	55.3	57.6	106.3	4.4	104	0.732	1.0	0.0	88.1	−23.4	86.6	89.7	105.1
552	Y23G_087_050e	0.75	0.875	0.375	0.875	0.5	0.625	104	0.712	0.875	0.375	80.3	−13.6	40.4	42.6	108.6	0.75	0.875	0.375	85.1	−15.4	45.6	48.1	108.6	7.3	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
553	Y31G_087_037e	0.75	0.875	0.5	0.875	0.375	0.687	109	0.719	0.875	0.5	79.8	−12.3	27.1	29.7	114.4	0.75	0.875	0.5	85.5	−14.4	35.1	38.0	112.3	10.1	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
554	Y50G_087_025e	0.75	0.875	0.625	0.875	0.25	0.75	120	0.72	0.875	0.625	79.6	−10.9	14.3	18.0	127.2	0.75	0.875	0.625	85.3	−11.9	23.2	26.1	117.1	10.5	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
555	G00B_087_012e	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.769	81.1	−7.8	2.5	8.2	162.2	0.75	0.875	0.75	86.7	−10.8	10.2	14.9	136.5	10.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
556	G50B_087_012e	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.858	81.2	−4.7	−3.5	5.9	216.9	0.75	0.875	0.875	86.7	−6.8	−8.8	11.1	232.5	7.8	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
557	G75B_100_025e	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.921	1.0	85.0	−5.8	−12.2	13.5	244.3	0.75	0.875	1.0	86.4	−7.7	−12.9	15.1	238.9	2.4	227	0.0	0.685	1.0	51.3	−23.5	−49.0	54.3	244.3
558	Y23G_100_100e	0.75	1.0	0.0	1.0	1.0	0.5	104	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6	0.75	1.0	0.0	89.2	−22.0	88.4	91.1	104.0	10.3	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
559	Y26G_100_087e	0.75	1.0	0.125	1.0	0.875	0.562	106	0.682	1.0	0.125	83.8	−25.7	67.2	72.0	110.9	0.75	1.0	0.125	88.8	−21.4	75.2	78.2	105.9	10.3	111	0.636	1.0	0.0	82.0	−29.4	76.8	82.3	110.9
560	Y31G_100_075e	0.75	1.0	0.25	1.0	0.75	0.625	109	0.689	1.0	0.25	83.3	−24.6	54.2	59.5	114.4	0.75	1.0	0.25	88.8	−21.6	61.7	65.4	109.3	9.8	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
561	Y38G_100_062e	0.75	1.0	0.375	1.0	0.625	0.687	113	0.699	1.0	0.375	83.0	−23.1	41.5	47.5	119.1	0.75	1.0	0.375	88.0	−22.0	53.4	57.7	112.4	12.9	118	0.518	1.0	0.0	75.0	−37.0	66.5	76.1	119.1
562	Y50G_100_050e	0.75	1.0	0.5	1.0	0.5	0.75	120	0.69	1.0	0.5	82.9	−21.8	28.7	36.1	127.2	0.75	1.0	0.5	87.6	−21.1	41.2	46.3	117.1	13.3	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
563	Y68G_100_037e	0.75	1.0	0.625	1.0	0.375	0.812	131	0.719	1.0	0.625	83.5	−20.0	16.7	26.1	140.0	0.75	1.0	0.625	87.6	−19.1	27.3	33.4	124.9	11.3	135	0.251	1.0	0.0	62.3	−53.5	44.7	69.7	140.0
564	G00B_100_025e	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.788	85.8	−15.6	5.0	16.4	162.2	0.75	1.0	0.75	89.0	−15.2	15.8	22.0	133.9	11.2	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
565	G25B_100_025e	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.887	86.4	−12.1	−2.0	12.2	189.6	0.75	1.0	0.875	87.5	−12.6	0.4	12.6	178.1	2.7	183	0.0	1.0	0.549	56.7	−48.4	−8.1	49.1	189.6
566	G50B_100_025e	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	0.967	86.1	−9.4	−7.1	11.8	216.9	0.75	1.0	1.0	86.1	−9.2	−13.4	16.3	235.4	6.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9

Mean color difference of this page: **delta $E^{*\prime}$ = *14.1***

1−0132530−F0

RE730−7N, Page 26/33−F

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

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

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

1−0132530−F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 27/33

n	HIC*Fe	rgb_Fe			ict_Fe			hsi_F,e	rgb*Fe			LabCh*Fe				
567	R00Y_087_087e	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.214	42.5	51.8	24.6	57.4	25.4
568	R36Y_087_087e	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.351	42.2	53.1	15.8	55.4	16.5
569	R23Y_087_087e	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.491	42.3	55.8	7.5	56.3	7.6
570	R08Y_087_087e	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.652	42.5	59.1	−2.4	59.2	357.6
571	B70R_087_087e	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.779	43.3	61.3	−8.2	61.8	352.3
572	B63R_087_087e	0.875	0.0	0.625	0.875	0.875	0.437	346	0.697	0.0	0.875	39.4	54.2	−15.7	56.4	343.7
573	B56R_087_087e	0.875	0.0	0.75	0.875	0.875	0.437	338	0.548	0.0	0.875	35.9	48.5	−21.4	53.1	336.1
574	B50R_087_087e	0.875	0.0	0.875	0.875	0.875	0.437	330	0.409	0.0	0.875	32.9	42.7	−26.1	50.1	328.6
575	B44R_100_100e	0.875	0.0	1.0	1.0	1.0	0.5	323	0.326	0.0	1.0	32.6	43.1	−33.7	54.7	321.9
576	R13Y_087_087e	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.006	0.0	43.4	52.1	35.6	63.2	34.3
577	R00Y_087_075e	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.308	48.7	44.4	21.1	49.2	25.4
578	R35Y_087_075e	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.441	48.5	45.8	12.6	47.5	15.4
579	R18Y_087_075e	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.591	48.7	48.7	3.6	48.8	4.3
580	R00Y_087_075e	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.81	49.5	52.6	−7.3	53.1	352.0
581	B65R_087_075e	0.875	0.125	0.625	0.875	0.75	0.5	349	0.79	0.125	0.875	47.6	49.0	−11.6	50.4	346.6
582	B57R_087_075e	0.875	0.125	0.75	0.875	0.75	0.5	339	0.609	0.125	0.875	43.5	42.2	−17.7	45.8	337.1
583	B50R_087_075e	0.875	0.125	0.875	0.875	0.75	0.5	330	0.475	0.125	0.875	40.5	36.6	−22.3	42.9	328.6
584	B43R_100_087e	0.875	0.125	1.0	1.0	0.875	0.562	322	0.397	0.125	1.0	40.3	37.0	−29.9	47.6	321.0
585	R26Y_087_087e	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.093	0.0	47.5	48.5	45.7	66.7	43.3
586	R15Y_087_075e	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.139	0.125	50.0	44.4	31.6	54.5	35.5
587	R00Y_087_062e	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.403	55.0	37.0	17.6	41.0	25.4
588	R31Y_087_062e	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.538	54.8	38.6	9.0	39.6	13.2
589	R11Y_087_062e	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.69	55.0	41.7	−0.1	41.7	359.8
590	B69R_087_062e	0.875	0.25	0.625	0.875	0.625	0.562	353	0.863	0.25	0.875	55.6	43.4	−7.3	44.1	350.4
591	B59R_087_062e	0.875	0.25	0.75	0.875	0.625	0.562	341	0.677	0.25	0.875	51.2	36.0	−13.8	38.6	339.0
592	B50R_087_062e	0.875	0.25	0.875	0.875	0.625	0.562	330	0.542	0.25	0.875	48.1	30.5	−18.6	35.8	328.6
593	B42R_100_075e	0.875	0.25	1.0	1.0	0.75	0.625	321	0.471	0.25	1.0	48.1	31.1	−26.0	40.5	320.0
594	R41Y_087_087e	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.182	0.0	52.6	38.9	52.2	65.1	53.3
595	R31Y_087_075e	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.231	0.125	54.4	39.3	41.7	57.3	46.6
596	R18Y_087_062e	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.277	0.25	56.8	36.4	28.2	46.0	37.7
597	R00Y_087_050e	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.497	61.2	29.6	14.1	32.8	25.4
598	R26Y_087_050e	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.635	61.1	31.4	5.4	31.9	9.8
599	R00Y_087_050e	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.832	61.8	35.0	−4.8	35.4	352.0
600	B61R_087_050e	0.875	0.375	0.75	0.875	0.5	0.625	344	0.745	0.375	0.875	58.9	29.9	−9.7	31.4	341.8
601	B50R_087_050e	0.875	0.375	0.875	0.875	0.5	0.625	330	0.608	0.375	0.875	55.8	24.4	−14.9	28.6	328.6
602	B40R_100_062e	0.875	0.375	1.0	1.0	0.625	0.687	319	0.539	0.375	1.0	55.7	24.8	−22.2	33.3	318.1
603	R58Y_087_087e	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.291	0.0	58.5	27.6	57.7	64.0	64.4
604	R50Y_087_075e	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.325	0.125	59.9	28.3	47.0	54.9	58.8
605	R38Y_087_062e	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.366	0.25	61.4	29.4	36.5	46.9	51.0
606	R23Y_087_050e	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.415	0.375	63.5	28.3	24.7	37.6	41.0
607	R00Y_087_037e	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.591	67.5	22.2	10.5	24.6	25.4
608	R18Y_087_037e	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.733	67.5	24.3	1.8	24.4	4.3
609	B65R_087_037e	0.875	0.5	0.75	0.875	0.375	0.687	349	0.832	0.5	0.875	66.9	24.5	−5.8	25.2	346.6
610	B50R_087_037e	0.875	0.5	0.875	0.875	0.375	0.687	330	0.675	0.5	0.875	63.4	18.3	−11.1	21.4	328.6
611	B38R_100_050e	0.875	0.5	1.0	1.0	0.5	0.75	316	0.611	0.5	1.0	63.7	18.7	−18.5	26.3	315.3
612	R73Y_087_087e	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.409	0.0	63.9	17.4	62.7	65.0	74.4
613	R68Y_087_075e	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.439	0.125	65.5	17.8	52.3	55.3	71.1
614	R61Y_087_062e	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.474	0.25	67.3	18.0	42.0	45.7	66.6
615	R50Y_087_050e	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.508	0.375	68.7	18.9	31.3	36.6	58.8
616	R31Y_087_037e	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.553	0.5	70.4	19.6	20.8	28.6	46.6
617	R00Y_087_025e	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.686	73.8	14.8	7.0	16.4	25.4
618	R00Y_087_025e	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.853	74.0	17.5	−2.4	17.7	352.0
619	B50R_087_025e	0.875	0.625	0.875	0.875	0.25	0.75	330	0.741	0.625	0.875	71.0	12.2	−7.4	14.3	328.6
620	B34R_100_037e	0.875	0.625	1.0	1.0	0.375	0.812	311	0.685	0.625	1.0	71.9	12.6	−14.7	19.4	310.5
621	R86Y_087_087e	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.561	0.0	69.3	7.8	67.5	67.9	83.4
622	R85Y_087_075e	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.593	0.125	71.1	7.7	57.5	58.0	82.2
623	R81Y_087_062e	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.609	0.25	72.6	8.2	47.0	47.7	80.0
624	R76Y_087_050e	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.624	0.375	74.2	8.5	36.3	37.3	76.7
625	R68Y_087_037e	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.657	0.5	75.9	8.9	26.1	27.6	71.1
626	R50Y_087_025e	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.691	0.625	77.5	9.4	15.6	18.3	58.8
627	R00Y_087_012e	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.78	80.0	7.4	3.5	8.2	25.4
628	B50R_087_012e	0.875	0.75	0.875	0.875	0.125	0.812	330	0.808	0.75	0.875	78.6	6.1	−3.7	7.1	328.6
629	B25R_100_025e	0.875	0.75	1.0	1.0	0.25	0.875	300	0.752	0.75	1.0	80.1	6.2	−10.8	12.5	300.1
630	Y00G_087_087e	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.692	0.0	75.6	−2.7	68.0	68.0	92.3
631	Y00G_087_075e	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.718	0.125	77.2	−2.3	58.2	58.3	92.3
632	Y00G_087_062e	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.744	0.25	78.7	−1.9	48.5	48.6	92.3
633	Y00G_087_050e	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.77	0.375	80.2	−1.5	38.8	38.8	92.3
634	Y00G_087_037e	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.796	0.5	81.7	−1.1	29.1	29.1	92.3
635	Y00G_087_025e	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.822	0.625	83.2	−0.7	19.4	19.4	92.3
636	Y00G_087_012e	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.848	0.75	84.7	−0.3	9.7	9.7	92.3
637	NW_087e	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0
638	B00R_100_012e	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.91	1.0	88.9	0.1	−6.2	6.2	271.7
639	Y11G_100_100e	0.875	1.0	0.0	1.0	1.0	0.5	97	0.906	1.0	0.0	92.5	−16.7	90.7	92.2	100.4
640	Y13G_100_087e	0.875	1.0	0.125	1.0	0.875	0.562	98	0.86	1.0	0.125	92.5	−16.5	80.2	81.9	101.6
641	Y15G_100_075e	0.875	1.0	0.25	1.0	0.75	0.625	99	0.847	1.0	0.25	92.0	−15.3	67.6	69.3	102.7
642	Y18G_100_062e	0.875	1.0	0.375	1.0	0.625	0.687	101	0.832	1.0	0.375	91.1	−14.6	54.1	56.1	105.1
643	Y23G_100_050e	0.875	1.0	0.5	1.0	0.5	0.75	104	0.837	1.0	0.5	90.3	−13.6	40.4	42.6	108.6
644	Y31G_100_037e	0.875	1.0	0.625	1.0	0.375	0.812	109	0.844	1.0	0.625	89.8	−12.3	27.1	29.7	114.4
645	Y50G_100_025e	0.875	1.0	0.75	1.0	0.25	0.875	120	0.845	1.0	0.75	89.6	−10.9	14.3	18.0	127.2
646	G00B_100_012e	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.894	91.0	−7.8	2.5	8.2	162.2
647	G50B_100_012e	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	0.983	91.2	−4.7	−3.5	5.9	216.9

n	rgb*'Fe			LabCh*'Fe					DE*'Fe	hsiM,e	rgb*Me			LabCh*Me				
567	0.875	0.0	0.0	43.1	54.8	33.4	64.2	31.4	9.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
568	0.875	0.0	0.125	42.7	54.6	27.0	60.9	26.3	11.3	366	1.0	0.0	0.401	45.9	60.7	18.0	63.3	16.5
569	0.875	0.0	0.25	42.0	54.8	20.4	58.4	20.4	12.9	355	1.0	0.0	0.561	46.0	63.7	8.5	64.3	7.6
570	0.875	0.0	0.375	41.6	56.5	11.6	57.7	11.6	14.3	344	1.0	0.0	0.745	46.2	67.6	−2.7	67.6	357.6
571	0.875	0.0	0.5	41.5	58.3	4.1	58.5	4.0	12.9	335	1.0	0.0	0.89	47.2	70.0	−9.4	70.7	352.3
572	0.875	0.0	0.625	41.5	61.6	−3.9	61.7	356.3	14.0	318	0.796	0.0	1.0	42.7	61.9	−18.0	64.5	343.7
573	0.875	0.0	0.75	42.3	63.9	−10.9	64.9	350.2	19.6	308	0.627	0.0	1.0	38.8	55.5	−24.4	60.6	336.1
574	0.875	0.0	0.875	43.5	64.2	−14.9	66.0	346.9	26.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
575	0.875	0.0	1.0	44.4	64.8	−16.0	66.8	346.1	30.4	288	0.326	0.0	1.0	32.6	43.1	−33.7	54.7	321.9
576	0.875	0.125	0.0	52.2	47.0	53.0	70.8	48.4	20.0	30	1.0	0.007	0.0	47.3	59.6	40.7	72.2	34.3
577	0.875	0.125	0.125	51.4	45.6	42.8	62.5	43.1	21.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
578	0.875	0.125	0.25	50.9	46.4	31.3	55.9	34.0	18.8	365	1.0	0.0	0.421	45.9	61.1	16.8	63.3	15.4
579	0.875	0.125	0.375	49.6	48.8	21.0	53.1	23.3	17.3	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
580	0.875	0.125	0.5	48.9	52.7	12.4	54.1	13.3	19.8	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
581	0.875	0.125	0.625	49.0	55.7	1.6	55.7	1.6	14.9	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
582	0.875	0.125	0.75	49.2	60.2	−8.2	60.8	352.2	21.2	309	0.646	0.0	1.0	39.2	56.2	−23.7	61.0	337.1
583	0.875	0.125	0.875	49.5	60.6	−15.5	62.6	345.5	26.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
584	0.875	0.125	1.0	49.4	58.4	−17.5	61.0	343.3	26.4	287	0.31	0.0	1.0	32.3	42.3	−34.2	54.4	321.0
585	0.875	0.25	0.0	60.4	30.8	60.8	68.1	63.1	26.6	35	1.0	0.106	0.0	52.0	55.5	52.3	76.2	43.3
586	0.875	0.25	0.125	59.7	29.9	49.0	57.4	58.5	24.5	30	1.0	0.019	0.0	47.9	59.2	42.2	72.7	35.5
587	0.875	0.25	0.25	59.7	30.7	34.3	46.1	48.2	18.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
588	0.875	0.25	0.375	58.3	33.3	24.4	41.3	36.2	16.6	362	1.0	0.0	0.461	45.9	61.7	14.5	63.4	13.2
589	0.875	0.25	0.5	57.8	35.9	15.3	39.0	23.1	16.7	346	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359.8
590	0.875	0.25	0.625	57.5	39.3	6.3	39.8	9.0	14.3	329	0.981	0.0	1.0	47.2	69.5	−11.7	70.5	350.4
591	0.875	0.25	0.75	57.8	42.6	−4.9	42.9	353.3	12.8	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
592	0.875	0.25	0.875	57.9	46.9	−13.8	48.9	343.5	19.6	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
593	0.875	0.25	1.0	57.1	48.5	−16.3	51.2	341.3	21.8	286	0.295	0.0	1.0	32.0	41.4	−34.7	54.0	320.0
594	0.875	0.375	0.0	65.8	21.1	66.1	69.4	72.2	26.0	41	1.0	0.208	0.0	57.8	44.4	59.7	74.4	53.3
595	0.875	0.375	0.125	64.3	20.5	51.9	55.8	68.3	23.5	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
596	0.875	0.375	0.25	64.3	21.1	37.2	42.8	60.3	19.3	32	1.0	0.044	0.0	49.0	58.3	45.1	73.7	37.7
597	0.875	0.375	0.375	63.9	23.3	27.0	35.7	49.1	14.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
598	0.875	0.375	0.5	63.7	26.0	17.6	31.4	34.1	13.5	358	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
599	0.875	0.375	0.625	63.4	28.6	8.9	29.9	17.2	15.3	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
600	0.875	0.375	0.75	62.9	34.6	−3.7	34.8	353.8	8.6	315	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
601	0.875	0.375	0.875	63.6	38.2	−12.8	40.3	341.4	15.9	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
602	0.875	0.375	1.0	63.2	39.4	−16.2	42.6	337.6	17.4	284	0.263	0.0	1.0	31.4	39.8	−35.6	53.4	318.1
603	0.875	0.5	0.0	70.6	10.5	70.8	71.6	81.4	24.6	49	1.0	0.332	0.0	64.5	31.5	66.0	73.1	64.4
604	0.875	0.5	0.125	70.8	10.5	58.2	59.1	79.7	23.6	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
605	0.875	0.5	0.25	70.5	10.7	41.5	42.8	75.5	21.4	40	1.0	0.186	0.0	56.5	47.1	58.4	75.1	51.0
606	0.875	0.5	0.375	70.0	12.4	32.1	34.5	68.8	18.7	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
607	0.875	0.5	0.5	70.3	14.5	22.2	26.6	56.7	14.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
608	0.875	0.5	0.625	70.1	18.2	12.2	22.0	33.9	12.3	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
609	0.875	0.5	0.75	69.4	24.0	−0.2	24.0	359.3	6.1	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
610	0.875	0.5	0.875	70.1	28.2	−10.9	30.2	338.8	11.9	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
611	0.875	0.5	1.0	71.1	30.8	−13.1	33.5	336.9	15.1	282	0.223	0.0	1.0	31.2	37.5	−37.0	52.7	315.3
612	0.875	0.625	0.0	76.7	2.8	77.6	77.6	87.9	24.4	57	1.0	0.467	0.0	70.7	19.8	71.6	74.3	74.4
613	0.875	0.625	0.125	76.4	2.3	67.2	67.3	87.9	24.0	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
614	0.875	0.625	0.25	76.3	2.7	46.9	47.0	86.6	18.5	50	1.0	0.359	0.0	65.9	28.9	67.2	73.1	66.6
615	0.875	0.625	0.375	75.6	4.7	37.6	37.9	82.8	16.9	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
616	0.875	0.625	0.5	76.1	5.9	28.1	28.7	78.0	16.5	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
617	0.875	0.625	0.625	75.0	9.4	16.6	19.1	60.5	11.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
618	0.875	0.625	0.75	74.6	14.7	2.9	15.0	11.4	6.1	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
619	0.875	0.625	0.875	75.8	20.0	−8.4	21.8	337.1	9.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
620	0.875	0.625	1.0	77.1	23.6	−11.0	26.1	335.0	12.7	278	0.161	0.0	1.0	31.2	33.7	−39.4	51.9	310.5
621	0.875	0.75	0.0	84.4	−4.8	85.7	85.8	93.2	26.7	69	1.0	0.641	0.0	76.9	8.9	77.1	77.6	83.4
622	0.875	0.75	0.125	82.8	−5.1	72.9	73.1	94.0	23.2	68	1.0	0.624	0.0	76.0	10.3	76.7	77.4	82.2
623	0.875	0.75	0.25	82.9	−4.1	53.6	53.8	94.4	17.3	64	1.0	0.574	0.0	74.5	13.1	75.2	76.3	80.0
624	0.875	0.75	0.375	82.6	−2.8	44.5	44.5	93.6	16.3	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
625	0.875	0.75	0.5	82.4	−1.1	33.3	33.3	91.9	13.9	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
626	0.875	0.75	0.625	81.7	1.9	22.2	22.3	84.8	10.8	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
627	0.875	0.75	0.75	81.2	4.8	8.2	9.5	59.4	5.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
628	0.875	0.75	0.875	82.3	10.0	−6.1	11.7	328.5	5.8	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
629	0.875	0.75	1.0	84.1	12.0	−9.0	15.0	323.0	7.2	270	0.008	0.0	1.0	31.7	25.1	−43.2	50.0	300.1
630	0.875	0.875	0.0	89.7	−13.0	90.1	91.0	98.2	28.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
631	0.875	0.875	0.125	88.5	−12.5	77.9	78.9	99.1	24.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
632	0.875	0.875	0.25	88.0	−11.1	61.1	62.1	100.2	18.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
633	0.875	0.875	0.375	87.5	−9.9	49.1	50.1	101.4	15.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
634	0.875	0.875	0.5	88.3	−8.5	39.5	40.4	102.1	14.3	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
635	0.875	0.875	0.625	88.3	−7.2	29.8	30.7	103.6	13.2	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
636	0.875	0.875	0.75	88.8	−5.4	16.2	17.1	108.5	9.2	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
637	0.875	0.875	0.875	88.7	0.1	−0.1	0.2	313.1	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
638	0.875	0.875	1.0	90.3	1.7	−6.4	6.7	285.3	2.0	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
639	0.875	1.0	0.0	92.9	−17.5	92.9	94.5	100.7	2.4	94	0.906	1.0	0.0	92.5	−16.7	90.7	92.2	100.4
640	0.875	1.0	0.125	91.3	−16.6	82.0	83.7	101.4	2.1	98	0.84	1.0	0.0	91.9	−18.8	91.7	93.6	101.6
641	0.875	1.0	0.25	90.5	−15.7	63.4	65.3	103.9	4.4	101	0.796	1.0	0.0	90.6	−20.4	90.1	92.4	102.7
642	0.875	1.0	0.375	91.2	−15.7	54.6	56.8	106.0	1.2	104	0.732	1.0	0.0	88.1	−23.4	86.6	89.7	105.1
643	0.875	1.0	0.5	91.8	−15.5	45.5	48.0	108.8	5.6	108	0.674	1.0	0.0	84.4	−27.2	80.8	85.3	108.6
644	0.875	1.0	0.625	92.6	−14.4	36.1	38.9	111.7	9.7	114	0.585	1.0	0.0	78.9	−32.8	72.3	79.4	114.4
645	0.875	1.0	0.75	92.8	−12.2	23.7	26.7	117.3	9.9	127	0.38	1.0	0.0	69.5	−43.7	57.5	72.3	127.2
646	0.875	1.0	0.875	93.0	−7.9	7.9	11.2	135.0	5.7	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
647	0.875	1.0	1.0	91.8	−4.9	−5.9	7.7	230.0	2.4	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9

Mean color difference of this page: **delta $E^{*\prime}$ = 15.4**

1−0132630−F0 RE730−7N, Page 27/33−F

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

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

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 28/33

n	HIC*$_{Fe}$	*rgb*$_{_Fe}$			*ict*$_{_Fe}$			$h_{si_F,e}$	*rgb**$_{Fe}$			*LabCh**$_{Fe}$				
648	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
649	R38Y_100_100$_e$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.381	45.9	60.3	19.2	63.3	17.6
650	R26Y_100_100$_e$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
651	R13Y_100_100$_e$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.683	46.2	66.3	1.1	66.4	0.9
652	R00Y_100_100$_e$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
653	B68R_100_100$_e$	1.0	0.0	0.625	1.0	1.0	0.5	352	0.957	0.0	1.0	46.6	68.5	−12.7	69.7	349.4
654	B61R_100_100$_e$	1.0	0.0	0.75	1.0	1.0	0.5	344	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
655	B55R_100_100$_e$	1.0	0.0	0.875	1.0	1.0	0.5	337	0.608	0.0	1.0	38.3	54.7	−25.2	60.2	335.2
656	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
657	R11Y_100_100$_e$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.0	0.017	46.9	59.7	39.2	71.5	33.2
658	R00Y_100_087$_e$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.339	52.5	51.8	24.6	57.4	25.4
659	R36Y_100_087$_e$	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.476	52.2	53.1	15.8	55.4	16.5
660	R23Y_100_087$_e$	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.616	52.3	55.8	7.5	56.3	7.6
661	R08Y_100_087$_e$	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.777	52.4	59.1	−2.4	59.2	357.6
662	B70R_100_087$_e$	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.904	53.3	61.3	−8.2	61.8	352.3
663	B63R_100_087$_e$	1.0	0.125	0.75	1.0	0.875	0.562	346	0.822	0.125	1.0	49.4	54.2	−15.7	56.4	343.7
664	B56R_100_087$_e$	1.0	0.125	0.875	1.0	0.875	0.562	338	0.673	0.125	1.0	45.9	48.5	−21.4	53.1	336.1
665	B50R_100_087$_e$	1.0	0.125	1.0	1.0	0.875	0.562	330	0.534	0.125	1.0	42.9	42.7	−26.1	50.1	328.6
666	R23Y_100_100$_e$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
667	R13Y_100_087$_e$	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.131	0.125	53.4	52.1	35.6	63.2	34.3
668	R00Y_100_075$_e$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.433	58.7	44.4	21.1	49.2	25.4
669	R35Y_100_075$_e$	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.566	58.5	45.8	12.6	47.5	15.4
670	R18Y_100_075$_e$	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.716	58.7	48.7	3.6	48.8	4.3
671	R00Y_100_075$_e$	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.935	59.5	52.6	−7.3	53.1	352.0
672	B65R_100_075$_e$	1.0	0.25	0.75	1.0	0.75	0.625	349	0.915	0.25	1.0	57.6	49.0	−11.6	50.4	346.6
673	B57R_100_075$_e$	1.0	0.25	0.875	1.0	0.75	0.625	339	0.734	0.25	1.0	53.5	42.2	−17.7	45.8	337.1
674	B50R_100_075$_e$	1.0	0.25	1.0	1.0	0.75	0.625	330	0.6	0.25	1.0	50.5	36.6	−22.3	42.9	328.6
675	R36Y_100_100$_e$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.175	0.0	55.8	48.5	57.8	75.4	49.9
676	R26Y_100_087$_e$	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.218	0.125	57.5	48.5	45.7	66.7	43.3
677	R15Y_100_075$_e$	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.264	0.25	60.0	44.4	31.6	54.5	35.5
678	R00Y_100_062$_e$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.528	65.0	37.0	17.6	41.0	25.4
679	R31Y_100_062$_e$	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.663	64.8	38.6	9.0	39.6	13.2
680	R11Y_100_062$_e$	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.815	65.0	41.7	−0.1	41.7	359.8
681	B69R_100_062$_e$	1.0	0.375	0.75	1.0	0.625	0.687	353	0.988	0.375	1.0	65.6	43.4	−7.3	44.1	350.4
682	B59R_100_062$_e$	1.0	0.375	0.875	1.0	0.625	0.687	341	0.802	0.375	1.0	61.2	36.0	−13.8	38.6	339.0
683	B50R_100_062$_e$	1.0	0.375	1.0	1.0	0.625	0.687	330	0.667	0.375	1.0	58.1	30.5	−18.6	35.8	328.6
684	R50Y_100_100$_e$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
685	R41Y_100_087$_e$	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.307	0.125	62.6	38.9	52.2	65.1	53.3
686	R31Y_100_075$_e$	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.356	0.25	64.4	39.3	41.7	57.3	46.6
687	R18Y_100_062$_e$	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.402	0.375	66.7	36.4	28.2	46.0	37.7
688	R00Y_100_050$_e$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.622	71.2	29.6	14.1	32.8	25.4
689	R26Y_100_050$_e$	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.76	71.1	31.4	5.4	31.9	9.8
690	R00Y_100_050$_e$	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.957	71.8	35.0	−4.8	35.4	352.0
691	B61R_100_050$_e$	1.0	0.5	0.875	1.0	0.5	0.75	344	0.87	0.5	1.0	68.9	29.9	−9.7	31.4	341.8
692	B50R_100_050$_e$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.733	0.5	1.0	65.8	24.4	−14.9	28.6	328.6
693	R63Y_100_100$_e$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.372	0.0	66.5	27.6	67.7	73.1	67.8
694	R58Y_100_087$_e$	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.416	0.125	68.5	27.6	57.7	64.0	64.4
695	R50Y_100_075$_e$	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.45	0.25	69.9	28.3	47.0	54.9	58.8
696	R38Y_100_062$_e$	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.491	0.375	71.4	29.4	36.5	46.9	51.0
697	R23Y_100_050$_e$	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.54	0.5	73.5	28.3	24.7	37.6	41.0
698	R00Y_100_037$_e$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.716	77.5	22.2	10.5	24.6	25.4
699	R18Y_100_037$_e$	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.858	77.5	24.3	1.8	24.4	4.3
700	B65R_100_037$_e$	1.0	0.625	0.875	1.0	0.375	0.812	349	0.957	0.625	1.0	76.9	24.5	−5.8	25.2	346.6
701	B50R_100_037$_e$	1.0	0.625	1.0	1.0	0.375	0.812	330	0.8	0.625	1.0	73.4	18.3	−11.1	21.4	328.6
702	R76Y_100_100$_e$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
703	R73Y_100_087$_e$	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.534	0.125	73.9	17.4	62.7	65.0	74.4
704	R68Y_100_075$_e$	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.564	0.25	75.5	17.8	52.3	55.3	71.1
705	R61Y_100_062$_e$	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.599	0.375	77.3	18.0	42.0	45.7	66.6
706	R50Y_100_050$_e$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.633	0.5	78.7	18.9	31.3	36.6	58.8
707	R31Y_100_037$_e$	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.678	0.625	80.3	19.6	20.8	28.6	46.6
708	R00Y_100_025$_e$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.811	83.7	14.8	7.0	16.4	25.4
709	R00Y_100_025$_e$	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.978	84.0	17.5	−2.4	17.7	352.0
710	B50R_100_025$_e$	1.0	0.75	1.0	1.0	0.25	0.875	330	0.866	0.75	1.0	81.0	12.2	−7.4	14.3	328.6
711	R88Y_100_100$_e$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.657	0.0	77.8	7.4	77.6	77.9	84.5
712	R86Y_100_087$_e$	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.686	0.125	79.3	7.8	67.5	67.9	83.4
713	R85Y_100_075$_e$	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.718	0.25	81.1	7.7	57.5	58.0	82.2
714	R81Y_100_062$_e$	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.734	0.375	82.6	8.2	47.0	47.7	80.0
715	R76Y_100_050$_e$	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.749	0.5	84.2	8.5	36.3	37.3	76.7
716	R68Y_100_037$_e$	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.782	0.625	85.9	8.9	26.1	27.6	71.1
717	R50Y_100_025$_e$	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.816	0.75	87.5	9.4	15.6	18.3	58.8
718	R00Y_100_012$_e$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.905	90.0	7.4	3.5	8.2	25.4
719	B50R_100_012$_e$	1.0	0.875	1.0	1.0	0.125	0.937	330	0.933	0.875	1.0	88.6	6.1	−3.7	7.1	328.6
720	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
721	Y00G_100_087$_e$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.817	0.125	85.6	−2.7	68.0	68.0	92.3
722	Y00G_100_075$_e$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.843	0.25	87.1	−2.3	58.2	58.3	92.3
723	Y00G_100_062$_e$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.869	0.375	88.7	−1.9	48.5	48.6	92.3
724	Y00G_100_050$_e$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.895	0.5	90.2	−1.5	38.8	38.8	92.3
725	Y00G_100_037$_e$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.921	0.625	91.7	−1.1	29.1	29.1	92.3
726	Y00G_100_025$_e$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.947	0.75	93.2	−0.7	19.4	19.4	92.3
727	Y00G_100_012$_e$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.973	0.875	94.7	−0.3	9.7	9.7	92.3
728	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

n	*rgb**'$_{Fe}$			*LabCh**'$_{Fe}$					*DE**'$_{Fe}$	$h_{siM,e}$	*rgb**$_{Me}$			*LabCh**$_{Me}$				
648	1.0	0.0	0.0	46.9	59.8	39.9	71.9	33.7	11.7	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
649	1.0	0.0	0.125	46.6	59.3	34.8	68.8	30.4	15.6	367	1.0	0.0	0.381	45.9	60.3	19.2	63.3	17.6
650	1.0	0.0	0.25	46.2	59.2	27.9	65.4	25.2	17.3	358	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
651	1.0	0.0	0.375	45.9	60.1	19.6	63.3	18.0	19.5	348	1.0	0.0	0.683	46.2	66.3	1.1	66.4	0.9
652	1.0	0.0	0.5	45.8	62.3	12.1	63.5	11.0	23.3	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
653	1.0	0.0	0.625	46.2	65.0	4.7	65.1	4.1	17.8	327	0.957	0.0	1.0	46.6	68.5	−12.7	69.7	349.4
654	1.0	0.0	0.75	46.2	67.7	−3.0	67.7	357.3	18.8	315	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
655	1.0	0.0	0.875	47.1	70.0	−9.2	70.6	352.4	23.8	307	0.608	0.0	1.0	38.3	54.7	−25.2	60.2	335.2
656	1.0	0.0	1.0	47.7	70.4	−10.9	71.2	351.1	31.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
657	1.0	0.125	0.0	52.8	54.4	54.4	77.0	44.9	17.1	389	1.0	0.0	0.017	46.9	59.7	39.2	71.5	33.2
658	1.0	0.125	0.125	51.9	56.5	48.1	74.2	40.4	23.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
659	1.0	0.125	0.25	51.2	58.6	37.8	69.8	32.8	22.7	366	1.0	0.0	0.401	45.9	60.7	18.0	63.3	16.5
660	1.0	0.125	0.375	50.6	61.4	27.3	67.2	23.9	20.6	355	1.0	0.0	0.561	46.0	63.7	8.5	64.3	7.6
661	1.0	0.125	0.5	50.2	63.8	18.9	66.5	16.5	21.9	344	1.0	0.0	0.745	46.2	67.6	−2.7	67.6	357.6
662	1.0	0.125	0.625	49.2	68.3	7.9	68.8	6.6	18.2	335	1.0	0.0	0.89	47.2	70.0	−9.4	70.7	352.3
663	1.0	0.125	0.75	49.5	70.7	−1.3	70.7	358.9	21.9	318	0.796	0.0	1.0	42.7	61.9	−18.0	64.5	343.7
664	1.0	0.125	0.875	50.1	72.3	−9.0	72.9	352.9	27.1	308	0.627	0.0	1.0	38.8	55.5	−24.4	60.6	336.1
665	1.0	0.125	1.0	52.0	67.1	−11.4	68.1	350.2	29.8	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
666	1.0	0.25	0.0	60.3	39.3	61.7	73.2	57.4	23.2	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
667	1.0	0.25	0.125	59.8	40.4	56.4	69.4	54.3	24.6	30	1.0	0.007	0.0	47.3	59.6	40.7	72.2	34.3
668	1.0	0.25	0.25	60.0	41.1	45.8	61.6	48.0	24.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
669	1.0	0.25	0.375	58.5	45.7	33.6	56.8	36.3	21.0	365	1.0	0.0	0.421	45.9	61.1	16.8	63.3	15.4
670	1.0	0.25	0.5	57.4	49.7	23.6	55.1	25.4	20.0	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
671	1.0	0.25	0.625	57.5	52.7	11.5	54.0	12.3	18.9	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
672	1.0	0.25	0.75	57.7	55.9	0.2	55.9	0.2	13.7	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
673	1.0	0.25	0.875	59.2	57.3	−9.9	58.2	350.1	17.9	309	0.646	0.0	1.0	39.2	56.2	−23.7	61.0	337.1
674	1.0	0.25	1.0	61.1	53.8	−11.8	55.1	347.5	22.7	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
675	1.0	0.375	0.0	66.7	27.3	67.8	73.1	68.0	25.8	39	1.0	0.175	0.0	55.8	48.5	57.8	75.4	49.9
676	1.0	0.375	0.125	66.4	28.1	60.2	66.5	64.9	26.5	35	1.0	0.106	0.0	52.0	55.5	52.3	76.2	43.3
677	1.0	0.375	0.25	66.1	29.7	50.4	58.5	59.4	24.5	30	1.0	0.019	0.0	47.9	59.2	42.2	72.7	35.5
678	1.0	0.375	0.375	66.1	31.7	37.5	49.1	49.7	20.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
679	1.0	0.375	0.5	65.7	34.6	26.6	43.6	37.5	18.0	362	1.0	0.0	0.461	45.9	61.7	14.5	63.4	13.2
680	1.0	0.375	0.625	65.3	38.4	15.5	41.4	22.0	16.0	346	1.0	0.0	0.704	46.2	66.8	−0.1	66.8	359.8
681	1.0	0.375	0.75	65.7	41.3	4.3	41.5	5.9	11.8	329	0.981	0.0	1.0	47.2	69.5	−11.7	70.5	350.4
682	1.0	0.375	0.875	66.1	45.0	−6.8	45.5	351.3	12.4	311	0.683	0.0	1.0	40.1	57.7	−22.1	61.8	339.0
683	1.0	0.375	1.0	67.2	45.2	−10.7	46.5	346.6	19.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
684	1.0	0.5	0.0	72.2	17.1	72.8	74.8	76.7	25.4	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
685	1.0	0.5	0.125	72.6	16.6	65.9	68.0	75.8	28.0	41	1.0	0.208	0.0	57.8	44.4	59.7	74.4	53.3
686	1.0	0.5	0.25	72.5	18.4	51.3	54.5	70.2	24.4	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
687	1.0	0.5	0.375	72.5	20.2	40.5	45.3	63.5	21.2	32	1.0	0.044	0.0	49.0	58.3	45.1	73.7	37.7
688	1.0	0.5	0.5	72.9	21.9	30.1	37.2	53.8	17.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
689	1.0	0.5	0.625	73.3	24.7	18.2	30.7	36.3	14.5	358	1.0	0.0	0.521	45.9	62.8	10.9	63.8	9.8
690	1.0	0.5	0.75	72.9	29.6	5.9	30.2	11.2	12.1	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
691	1.0	0.5	0.875	72.8	34.3	−5.5	34.8	350.7	7.2	315	0.74	0.0	1.0	41.5	59.8	−19.5	62.9	341.8
692	1.0	0.5	1.0	73.3	35.3	−9.3	36.5	345.2	14.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
693	1.0	0.625	0.0	76.0	10.3	76.7	77.4	82.3	21.6	51	1.0	0.372	0.0	66.5	27.6	67.7	73.1	67.8
694	1.0	0.625	0.125	77.4	8.3	69.4	69.9	83.1	24.2	49	1.0	0.332	0.0	64.5	31.5	66.0	73.1	64.4
695	1.0	0.625	0.25	77.8	9.2	56.1	56.8	80.6	22.6	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
696	1.0	0.625	0.375	78.0	10.9	43.6	44.9	75.8	20.8	40	1.0	0.186	0.0	56.5	47.1	58.4	75.1	51.0
697	1.0	0.625	0.5	78.6	12.5	32.9	35.2	69.1	18.5	34	1.0	0.081	0.0	50.8	56.7	49.4	75.2	41.0
698	1.0	0.625	0.625	79.2	14.8	22.0	26.5	55.9	13.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
699	1.0	0.625	0.75	79.2	19.0	9.5	21.3	26.5	9.4	351	1.0	0.0	0.622	46.2	64.9	4.8	65.1	4.3
700	1.0	0.625	0.875	79.7	23.5	−3.1	23.7	352.4	4.0	324	0.887	0.0	1.0	44.7	65.4	−15.5	67.2	346.6
701	1.0	0.625	1.0	79.7	25.7	−7.7	26.9	343.2	10.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
702	1.0	0.75	0.0	82.7	−1.0	79.6	79.6	90.7	22.1	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
703	1.0	0.75	0.125	83.4	−0.8	67.1	67.1	90.7	21.0	57	1.0	0.467	0.0	70.7	19.8	71.6	74.3	74.4
704	1.0	0.75	0.25	83.5	0.0	59.2	59.2	90.0	20.8	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
705	1.0	0.75	0.375	83.5	1.5	49.4	49.4	88.1	19.1	50	1.0	0.359	0.0	65.9	28.9	67.2	73.1	66.6
706	1.0	0.75	0.5	84.2	2.3	40.9	41.0	86.7	19.9	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
707	1.0	0.75	0.625	84.4	5.6	28.2	28.8	78.7	16.4	37	1.0	0.141	0.0	53.8	52.5	55.6	76.5	46.6
708	1.0	0.75	0.75	86.0	7.8	14.4	16.4	61.3	10.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
709	1.0	0.75	0.875	85.3	14.3	1.0	14.3	4.2	4.9	334	1.0	0.0	0.914	47.3	70.1	−9.7	70.8	352.0
710	1.0	0.75	1.0	85.7	16.8	−5.8	17.8	340.7	6.8	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
711	1.0	0.875	0.0	86.9	−7.0	73.8	74.1	95.4	17.5	70	1.0	0.657	0.0	77.8	7.4	77.6	77.9	84.5
712	1.0	0.875	0.125	87.4	−6.9	67.0	67.3	95.9	16.8	69	1.0	0.641	0.0	76.9	8.9	77.1	77.6	83.4
713	1.0	0.875	0.25	87.6	−5.7	57.1	57.4	95.7	14.9	68	1.0	0.624	0.0	76.0	10.3	76.7	77.4	82.2
714	1.0	0.875	0.375	87.8	−4.3	48.8	49.0	95.1	13.7	64	1.0	0.574	0.0	74.5	13.1	75.2	76.3	80.0
715	1.0	0.875	0.5	88.1	−3.1	41.3	41.5	94.4	13.3	59	1.0	0.499	0.0	72.2	17.1	72.7	74.7	76.7
716	1.0	0.875	0.625	88.8	−1.7	32.9	33.0	93.0	13.0	54	1.0	0.419	0.0	68.6	23.8	69.7	73.7	71.1
717	1.0	0.875	0.75	91.4	−1.9	21.4	21.5	95.1	13.3	44	1.0	0.266	0.0	61.2	37.8	62.6	73.2	58.8
718	1.0	0.875	0.875	91.1	3.3	8.2	8.9	67.7	6.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
719	1.0	0.875	1.0	91.9	7.5	−3.1	8.1	337.3	3.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
720	1.0	1.0	0.0	91.3	−14.4	84.1	85.4	99.7	14.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
721	1.0	1.0	0.125	91.4	−14.0	76.1	77.4	100.4	15.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
722	1.0	1.0	0.25	91.6	−12.3	62.3	63.5	101.2	11.7	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
723	1.0	1.0	0.375	92.7	−12.6	55.0	56.5	102.9	13.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
724	1.0	1.0	0.5	93.3	−11.7	47.0	48.4	104.0	13.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
725	1.0	1.0	0.625	93.9	−10.4	38.4	39.8	105.2	13.3	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
726	1.0	1.0	0.75	95.2	−9.8	29.8	31.4	108.3	13.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
727	1.0	1.0	0.875	95.7	−6.4	17.8	19.0	109.9	10.2	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
728	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

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

1−0132730−F0

RE730−7N, Page 28/33−F

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

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

1−0132730−F0

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 29/33

n	HIC*Fe	rgb_Fe			ict_Fe			$h_{si_F,e}$	rgb*Fe			LabCh*Fe					rgb*'Fe			LabCh*'Fe					DE*'Fe	$h_{siM,e}$	rgb*Me			LabCh*Me				
729	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.3	0.3	272.1	0.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
730	G50B_100_012$_e$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	0.983	91.2	−4.7	−3.5	5.9	216.9	0.875	1.0	1.0	91.7	−4.9	−6.4	8.1	232.3	2.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
731	G50B_100_025$_e$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	0.967	86.1	−9.4	−7.1	11.8	216.9	0.75	1.0	1.0	86.0	−8.7	−13.6	16.2	237.3	6.5	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
732	G50B_100_037$_e$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	0.95	81.1	−14.2	−10.7	17.8	216.9	0.625	1.0	1.0	81.3	−11.7	−18.6	22.0	237.8	8.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
733	G50B_100_050$_e$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	0.934	76.0	−18.9	−14.2	23.7	216.9	0.5	1.0	1.0	75.3	−15.3	−24.9	29.2	238.3	11.2	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
734	G50B_100_062$_e$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	0.917	71.0	−23.7	−17.8	29.7	216.9	0.375	1.0	1.0	69.6	−19.0	−29.6	35.2	237.2	12.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
735	G50B_100_075$_e$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	0.901	65.9	−28.4	−21.4	35.6	216.9	0.25	1.0	1.0	61.9	−25.1	−34.5	42.7	233.9	14.0	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
736	G50B_100_087$_e$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	0.884	60.9	−33.2	−25.0	41.5	216.9	0.125	1.0	1.0	55.9	−29.4	−38.7	48.6	232.6	15.0	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
737	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9	0.0	1.0	1.0	52.7	−31.6	−41.0	51.8	232.3	14.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
738	R00Y_100_012$_e$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.905	90.0	7.4	3.5	8.2	25.4	1.0	0.875	0.875	91.5	3.3	7.1	7.9	64.7	5.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
739	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.6	0.2	−0.2	0.3	305.8	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
740	G50B_087_012$_e$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.858	81.2	−4.7	−3.5	5.9	216.9	0.75	0.875	0.875	87.2	−6.4	−8.9	11.0	234.3	8.2	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
741	G50B_087_025$_e$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.842	76.2	−9.4	−7.1	11.8	216.9	0.625	0.875	0.875	82.9	−10.9	−15.8	19.2	235.3	11.0	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
742	G50B_087_037$_e$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.825	71.1	−14.2	−10.7	17.8	216.9	0.5	0.875	0.875	77.3	−15.0	−20.9	25.7	234.2	11.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
743	G50B_087_050$_e$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.809	66.1	−18.9	−14.2	23.7	216.9	0.375	0.875	0.875	71.4	−18.1	−27.1	32.6	236.2	13.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
744	G50B_087_062$_e$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.792	61.0	−23.7	−17.8	29.7	216.9	0.25	0.875	0.875	66.2	−22.2	−29.9	37.2	233.4	13.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
745	G50B_087_075$_e$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.776	56.0	−28.4	−21.4	35.6	216.9	0.125	0.875	0.875	59.6	−28.7	−33.0	43.8	228.9	12.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
746	G50B_087_087$_e$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.759	50.9	−33.2	−25.0	41.5	216.9	0.0	0.875	0.875	52.3	−33.3	−39.4	51.6	229.7	14.4	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
747	R00Y_100_025$_e$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.811	83.7	14.8	7.0	16.4	25.4	1.0	0.75	0.75	86.8	8.2	10.5	13.3	52.0	8.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
748	R00Y_087_012$_e$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.78	80.0	7.4	3.5	8.2	25.4	0.875	0.75	0.75	82.6	5.3	5.9	8.0	48.0	4.1	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
749	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	79.0	0.1	−0.2	0.2	303.9	2.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
750	G50B_075_012$_e$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.733	71.2	−4.7	−3.5	5.9	216.9	0.625	0.75	0.75	77.1	−6.4	−9.7	11.7	236.4	8.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
751	G50B_075_025$_e$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.717	66.2	−9.4	−7.1	11.8	216.9	0.5	0.75	0.75	73.5	−12.3	−15.9	20.1	232.2	11.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
752	G50B_075_037$_e$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.7	61.1	−14.2	−10.7	17.8	216.9	0.375	0.75	0.75	67.9	−16.2	−21.9	27.3	233.4	13.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
753	G50B_075_050$_e$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.684	56.1	−18.9	−14.2	23.7	216.9	0.25	0.75	0.75	61.8	−19.2	−26.5	32.8	234.0	13.5	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
754	G50B_075_062$_e$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.667	51.0	−23.7	−17.8	29.7	216.9	0.125	0.75	0.75	57.4	−25.2	−31.0	40.0	230.7	14.6	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
755	G50B_075_075$_e$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.651	46.0	−28.4	−21.4	35.6	216.9	0.0	0.75	0.75	51.8	−36.0	−36.8	51.5	225.6	18.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
756	R00Y_100_037$_e$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.716	77.5	22.2	10.5	24.6	25.4	1.0	0.625	0.625	80.3	14.1	18.2	23.0	52.3	11.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
757	R00Y_087_025$_e$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.686	73.8	14.8	7.0	16.4	25.4	0.875	0.625	0.625	77.1	9.1	13.1	16.0	55.3	9.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
758	R00Y_075_012$_e$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.655	70.0	7.4	3.5	8.2	25.4	0.75	0.625	0.625	74.2	5.0	6.1	7.9	50.5	5.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
759	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.0	0.1	−0.9	0.9	282.1	2.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
760	G50B_062_012$_e$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.608	61.2	−4.7	−3.5	5.9	216.9	0.5	0.625	0.625	67.3	−6.7	−12.0	13.7	240.7	10.5	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
761	G50B_062_025$_e$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.592	56.2	−9.4	−7.1	11.8	216.9	0.375	0.625	0.625	63.7	−12.3	−16.5	20.6	233.2	12.3	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
762	G50B_062_037$_e$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.575	51.1	−14.2	−10.7	17.8	216.9	0.25	0.625	0.625	57.5	−15.3	−23.1	27.7	236.4	13.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
763	G50B_062_050$_e$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.559	46.1	−18.9	−14.2	23.7	216.9	0.125	0.625	0.625	53.6	−21.0	−28.9	35.7	233.9	16.5	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
764	G50B_062_062$_e$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.542	41.0	−23.7	−17.8	29.7	216.9	0.0	0.625	0.625	50.0	−32.3	−36.5	48.7	228.5	22.4	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
765	R00Y_100_050$_e$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.622	71.2	29.6	14.1	32.8	25.4	1.0	0.5	0.5	73.9	21.5	24.9	32.9	49.2	13.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
766	R00Y_087_037$_e$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.591	67.5	22.2	10.5	24.6	25.4	0.875	0.5	0.5	71.2	15.4	18.7	24.3	50.4	11.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
767	R00Y_075_025$_e$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.561	63.8	14.8	7.0	16.4	25.4	0.75	0.5	0.5	67.5	9.5	13.1	16.2	53.8	8.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
768	R00Y_062_012$_e$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.53	60.0	7.4	3.5	8.2	25.4	0.625	0.5	0.5	62.4	5.6	4.9	7.5	41.3	3.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
769	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	58.4	0.1	−0.9	0.9	276.5	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
770	G50B_050_012$_e$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.483	51.2	−4.7	−3.5	5.9	216.9	0.375	0.5	0.5	56.5	−6.8	−11.7	13.6	239.7	9.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
771	G50B_050_025$_e$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.467	46.2	−9.4	−7.1	11.8	216.9	0.25	0.5	0.5	52.9	−12.7	−19.0	22.9	236.1	14.0	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
772	G50B_050_037$_e$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.45	41.1	−14.2	−10.7	17.8	216.9	0.125	0.5	0.5	49.0	−15.8	−25.8	30.3	238.4	17.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
773	G50B_050_050$_e$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.434	36.1	−18.9	−14.2	23.7	216.9	0.0	0.5	0.5	45.7	−23.5	−33.2	40.7	234.6	21.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
774	R00Y_100_062$_e$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.528	65.0	37.0	17.6	41.0	25.4	1.0	0.375	0.375	66.4	31.1	36.2	47.8	49.3	19.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
775	R00Y_087_050$_e$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.497	61.2	29.6	14.1	32.8	25.4	0.875	0.375	0.375	64.9	22.3	25.6	34.0	48.8	14.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
776	R00Y_075_037$_e$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.466	57.5	22.2	10.5	24.6	25.4	0.75	0.375	0.375	60.3	16.4	18.7	24.9	48.7	10.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
777	R00Y_062_025$_e$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.436	53.8	14.8	7.0	16.4	25.4	0.625	0.375	0.375	54.7	11.4	12.4	16.9	47.5	6.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
778	R00Y_050_012$_e$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.405	50.0	7.4	3.5	8.2	25.4	0.5	0.375	0.375	50.8	6.1	4.2	7.4	34.6	1.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
779	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	49.3	0.0	−1.4	1.4	273.8	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
780	G50B_037_012$_e$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.358	41.2	−4.7	−3.5	5.9	216.9	0.25	0.375	0.375	46.6	−8.3	−14.6	16.8	240.2	12.8	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
781	G50B_037_025$_e$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.342	36.2	−9.4	−7.1	11.8	216.9	0.125	0.375	0.375	45.1	−12.7	−21.2	24.7	239.1	16.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
782	G50B_037_037$_e$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.325	31.1	−14.2	−10.7	17.8	216.9	0.0	0.375	0.375	42.3	−19.4	−26.3	32.7	233.5	19.8	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
783	R00Y_100_075$_e$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.433	58.7	44.4	21.1	49.2	25.4	1.0	0.25	0.25	60.8	39.5	44.8	59.7	48.5	24.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
784	R00Y_087_062$_e$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.403	55.0	37.0	17.6	41.0	25.4	0.875	0.25	0.25	59.5	30.6	34.2	45.9	48.1	18.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
785	R00Y_075_050$_e$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.372	51.3	29.6	14.1	32.8	25.4	0.75	0.25	0.25	53.7	24.1	26.8	36.0	47.9	14.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
786	R00Y_062_037$_e$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.341	47.5	22.2	10.5	24.6	25.4	0.625	0.25	0.25	48.4	17.9	21.7	28.1	50.3	11.9	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
787	R00Y_050_025$_e$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.311	43.8	14.8	7.0	16.4	25.4	0.5	0.25	0.25	44.8	12.0	14.3	18.7	50.0	7.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
788	R00Y_037_012$_e$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.28	40.0	7.4	3.5	8.2	25.4	0.375	0.25	0.25	41.3	7.8	6.5	10.2	39.8	3.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
789	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	37.7	0.0	−1.1	1.1	270.9	1.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
790	G50B_025_012$_e$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.233	31.3	−4.7	−3.5	5.9	216.9	0.125	0.25	0.25	38.0	−9.2	−15.1	17.7	238.6	14.1	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
791	G50B_025_025$_e$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.217	26.2	−9.4	−7.1	11.8	216.9	0.0	0.25	0.25	38.1	−13.7	−19.6	24.0	234.9	17.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
792	R00Y_100_087$_e$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.339	52.5	51.8	24.6	57.4	25.4	1.0	0.125	0.125	52.6	54.8	46.0	71.6	39.9	21.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
793	R00Y_087_075$_e$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.308	48.7	44.4	21.1	49.2	25.4	0.875	0.125	0.125	51.7	44.6	41.2	60.8	42.7	20.3	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
794	R00Y_075_062$_e$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.278	45.0	37.0	17.6	41.0	25.4	0.75	0.125	0.125	46.7	34.1	31.6	46.5	42.8	14.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
795	R00Y_062_050$_e$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.247	41.3	29.6	14.1	32.8	25.4	0.625	0.125	0.125	42.1	28.6	29.5	41.1	45.9	15.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
796	R00Y_050_037$_e$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.216	37.5	22.2	10.5	24.6	25.4	0.5	0.125	0.125	39.0	21.0	22.9	31.1	47.4	12.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
797	R00Y_037_025$_e$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.186	33.8	14.8	7.0	16.4	25.4	0.375	0.125	0.125	36.5	13.1	16.3	20.9	51.2	9.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
798	R00Y_025_012$_e$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.155	30.1	7.4	3.5	8.2	25.4	0.25	0.125	0.125	32.5	7.7	9.2	12.0	49.9	6.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
799	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	23.0	0.0	−0.5	0.5	273.4	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
800	G50B_012_012$_e$	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.108	21.3	−4.7	−3.5	5.9	216.9	0.0	0.125	0.125	32.2	−9.1	−12.3	15.4	233.4	14.7	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
801	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4	1.0	0.0	0.0	47.0	58.3	38.5	69.9	33.4	10.4	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
802	R00Y_087_087$_e$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.214	42.5	51.8	24.6	57.4	25.4	0.875	0.0	0.0	41.9	52.7	32.2	61.8	31.4	7.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
803	R00Y_075_075$_e$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.183	38.7	44.4	21.1	49.2	25.4	0.75	0.0	0.0	38.7	47.8	30.7	56.8	32.7	10.1	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
804	R00Y_062_062$_e$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.153	35.0	37.0	17.6	41.0	25.4	0.625	0.0	0.0	34.8	43.3	28.8	52.0	33.6	12.8	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
805	R00Y_050_050$_e$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.122	31.3	29.6	14.1	32.8	25.4	0.5	0.0	0.0	32.2	36.6	25.6	44.7	35.0	13.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
806	R00Y_037_037$_e$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.091	27.5	22.2	10.5	24.6	25.4	0.375	0.0	0.0	30.5	26.6	20.4	33.6	37.4	11.2	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
807	R00Y_025_025$_e$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.061	23.8	14.8	7.0	16.4	25.4	0.25	0.0	0.0	29.1	14.8	15.1	21.2	45.5	9.6	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
808	R00Y_012_012$_e$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.03	20.1	7.4	3.5	8.2	25.4	0.125	0.0	0.0	25.6	7.4	8.6	11.4	49.4	7.5	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
809	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.1	0.0	0.3	0.3	88.2	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta $E^{*\prime}$ = *11.1***

1-0132830-F0 RE730-7N, Page 29/33-F

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

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

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

1-0132830-F0

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 30/33

n	HIC*$_{Fe}$	*rgb*$_{_Fe}$			*ict*$_{_Fe}$			$h_{si_F,e}$	*rgb**$_{Fe}$			*LabCh**$_{Fe}$					*rgb**'$_{Fe}$			*LabCh**'$_{Fe}$					*DE**'$_{Fe}$	$h_{siM,e}$	*rgb**$_{Me}$			*LabCh**$_{Me}$				
810	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.1	−0.4	0.4	285.0	0.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
811	B00R_100_012$_e$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.91	1.0	88.9	0.1	−6.2	6.2	271.7	0.875	0.875	1.0	89.7	2.2	−7.0	7.4	287.3	2.3	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
812	B00R_100_025$_e$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.821	1.0	81.6	0.3	−12.4	12.4	271.7	0.75	0.75	1.0	80.8	3.4	−15.0	15.4	283.0	4.1	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
813	B00R_100_037$_e$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.731	1.0	74.2	0.5	−18.6	18.6	271.7	0.625	0.625	1.0	70.2	7.3	−21.9	23.1	288.4	8.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
814	B00R_100_050$_e$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.642	1.0	66.9	0.7	−24.8	24.8	271.7	0.5	0.5	1.0	58.2	11.4	−29.9	32.0	290.8	14.7	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
815	B00R_100_062$_e$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.553	1.0	59.6	0.9	−31.0	31.0	271.7	0.375	0.375	1.0	48.3	17.2	−35.3	39.3	295.9	20.2	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
816	B00R_100_075$_e$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.463	1.0	52.2	1.1	−37.2	37.2	271.7	0.25	0.25	1.0	39.0	21.9	−40.2	45.8	298.6	24.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
817	B00R_100_087$_e$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.374	1.0	44.9	1.3	−43.4	43.4	271.7	0.125	0.125	1.0	35.2	22.8	−42.3	48.0	298.3	23.6	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
818	B00R_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7	0.0	0.0	1.0	31.2	24.1	−44.0	50.2	298.6	24.1	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
819	Y00G_100_012$_e$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.973	0.875	94.7	−0.3	9.7	9.7	92.3	1.0	1.0	0.875	95.8	−5.8	15.9	17.0	110.2	8.3	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
820	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	90.1	0.1	0.0	0.1	338.0	3.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
821	B00R_087_012$_e$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.785	0.875	78.9	0.1	−6.2	6.2	271.7	0.75	0.75	0.875	81.8	2.2	−9.9	10.2	282.9	5.2	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
822	B00R_087_025$_e$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.696	0.875	71.6	0.3	−12.4	12.4	271.7	0.625	0.625	0.875	72.8	5.8	−17.5	18.4	288.6	7.6	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
823	B00R_087_037$_e$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.606	0.875	64.3	0.5	−18.6	18.6	271.7	0.5	0.5	0.875	63.0	9.5	−26.2	27.9	290.0	11.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
824	B00R_087_050$_e$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.517	0.875	56.9	0.7	−24.8	24.8	271.7	0.375	0.375	0.875	50.8	15.3	−34.1	37.4	294.1	18.3	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
825	B00R_087_062$_e$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.428	0.875	49.6	0.9	−31.0	31.0	271.7	0.25	0.25	0.875	41.3	19.7	−39.5	44.2	296.5	22.2	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
826	B00R_087_075$_e$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.338	0.875	42.2	1.1	−37.2	37.2	271.7	0.125	0.125	0.875	36.2	20.9	−42.3	47.2	296.2	21.3	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
827	B00R_087_087$_e$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.249	0.875	34.9	1.3	−43.4	43.4	271.7	0.0	0.0	0.875	29.5	26.1	−43.9	51.1	300.7	25.4	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
828	Y00G_100_025$_e$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.947	0.75	93.2	−0.7	19.4	19.4	92.3	1.0	1.0	0.75	95.3	−9.1	27.1	28.6	108.6	11.6	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
829	Y00G_087_012$_e$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.848	0.75	84.7	−0.3	9.7	9.7	92.3	0.875	0.875	0.75	90.0	−4.8	14.2	15.0	108.6	8.2	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
830	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	79.4	0.2	−0.3	0.4	302.5	3.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
831	B00R_075_012$_e$	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.66	0.75	68.9	0.1	−6.2	6.2	271.7	0.625	0.625	0.75	71.9	3.1	−10.9	11.4	285.8	6.3	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
832	B00R_075_025$_e$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.571	0.75	61.6	0.3	−12.4	12.4	271.7	0.5	0.5	0.75	62.3	5.6	−17.7	18.5	287.6	7.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
833	B00R_075_037$_e$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.481	0.75	54.3	0.5	−18.6	18.6	271.7	0.375	0.375	0.75	52.4	8.6	−25.5	27.0	288.5	10.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
834	B00R_075_050$_e$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.392	0.75	46.9	0.7	−24.8	24.8	271.7	0.25	0.25	0.75	45.8	13.6	−31.8	34.6	293.2	14.7	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
835	B00R_075_062$_e$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.303	0.75	39.6	0.9	−31.0	31.0	271.7	0.125	0.125	0.75	39.3	16.0	−38.4	41.6	292.6	16.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
836	B00R_075_075$_e$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.213	0.75	32.3	1.1	−37.2	37.2	271.7	0.0	0.0	0.75	28.0	26.1	−44.6	51.7	300.3	26.4	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
837	Y00G_100_037$_e$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.921	0.625	91.7	−1.1	29.1	29.1	92.3	1.0	1.0	0.625	93.8	−9.3	34.8	36.0	104.9	10.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
838	Y00G_087_025$_e$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.822	0.625	83.2	−0.7	19.4	19.4	92.3	0.875	0.875	0.625	89.6	−6.3	25.9	26.7	103.7	10.7	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
839	Y00G_075_012$_e$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.723	0.625	74.8	−0.3	9.7	9.7	92.3	0.75	0.75	0.625	81.5	−3.5	11.4	11.9	107.2	7.6	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
840	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	70.5	0.2	−1.0	1.0	283.8	4.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
841	B00R_062_012$_e$	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.535	0.625	58.9	0.1	−6.2	6.2	271.7	0.5	0.5	0.625	61.9	3.4	−12.7	13.1	285.1	7.8	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
842	B00R_062_025$_e$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.446	0.625	51.6	0.3	−12.4	12.4	271.7	0.375	0.375	0.625	51.6	6.0	−20.6	21.4	286.2	9.9	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
843	B00R_062_037$_e$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.356	0.625	44.3	0.5	−18.6	18.6	271.7	0.25	0.25	0.625	44.5	9.9	−26.9	28.7	290.2	12.5	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
844	B00R_062_050$_e$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.267	0.625	36.9	0.7	−24.8	24.8	271.7	0.125	0.125	0.625	38.7	15.0	−33.3	36.5	294.3	16.7	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
845	B00R_062_062$_e$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.178	0.625	29.6	0.9	−31.0	31.0	271.7	0.0	0.0	0.625	27.1	26.2	−45.2	52.3	300.0	29.1	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
846	Y00G_100_050$_e$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.895	0.5	90.2	−1.5	38.8	38.8	92.3	1.0	1.0	0.5	93.3	−11.0	43.8	45.2	104.0	11.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
847	Y00G_087_037$_e$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.796	0.5	81.7	−1.1	29.1	29.1	92.3	0.875	0.875	0.5	89.1	−7.9	36.6	37.5	102.2	12.5	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
848	Y00G_075_025$_e$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.697	0.5	73.2	−0.7	19.4	19.4	92.3	0.75	0.75	0.5	81.6	−7.0	26.6	27.5	104.8	12.6	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
849	Y00G_062_012$_e$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.598	0.5	64.8	−0.3	9.7	9.7	92.3	0.625	0.625	0.5	72.3	−4.0	10.1	10.9	111.5	8.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
850	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	59.6	0.1	−1.1	1.1	276.4	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
851	B00R_050_012$_e$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.41	0.5	49.0	0.1	−6.2	6.2	271.7	0.375	0.375	0.5	50.0	3.5	−14.5	14.9	283.7	9.0	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
852	B00R_050_025$_e$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.321	0.5	41.6	0.3	−12.4	12.4	271.7	0.25	0.25	0.5	42.3	6.9	−22.6	23.6	287.0	12.1	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
853	B00R_050_037$_e$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.231	0.5	34.3	0.5	−18.6	18.6	271.7	0.125	0.125	0.5	36.7	10.6	−28.1	30.0	290.7	14.0	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
854	B00R_050_050$_e$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.142	0.5	26.9	0.7	−24.8	24.8	271.7	0.0	0.0	0.5	30.2	19.3	−39.1	43.6	296.2	23.6	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
855	Y00G_100_062$_e$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.869	0.375	88.7	−1.9	48.5	48.6	92.3	1.0	1.0	0.375	92.7	−12.4	54.2	55.6	102.8	12.5	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
856	Y00G_087_050$_e$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.77	0.375	80.2	−1.5	38.8	38.8	92.3	0.875	0.875	0.375	88.3	−10.2	48.6	49.6	101.8	15.3	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
857	Y00G_075_037$_e$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.671	0.375	71.7	−1.1	29.1	29.1	92.3	0.75	0.75	0.375	81.4	−8.3	36.9	37.8	102.7	14.3	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
858	Y00G_062_025$_e$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.572	0.375	63.2	−0.7	19.4	19.4	92.3	0.625	0.625	0.375	72.3	−6.9	25.7	26.7	105.1	12.7	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
859	Y00G_050_012$_e$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.473	0.375	54.8	−0.3	9.7	9.7	92.3	0.5	0.5	0.375	61.3	−4.3	10.6	11.4	112.2	7.7	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
860	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	48.8	0.0	−1.3	1.3	274.3	2.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
861	B00R_037_012$_e$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.285	0.375	39.0	0.1	−6.2	6.2	271.7	0.25	0.25	0.375	40.8	3.5	−15.9	16.3	282.4	10.4	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
862	B00R_037_025$_e$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.196	0.375	31.6	0.3	−12.4	12.4	271.7	0.125	0.125	0.375	33.3	6.2	−23.8	24.6	284.5	12.9	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
863	B00R_037_037$_e$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.106	0.375	24.3	0.5	−18.6	18.6	271.7	0.0	0.0	0.375	29.4	10.6	−29.8	31.7	289.6	15.9	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
864	Y00G_100_075$_e$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.843	0.25	87.1	−2.3	58.2	58.3	92.3	1.0	1.0	0.25	91.6	−12.5	62.7	64.0	101.2	11.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
865	Y00G_087_062$_e$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.744	0.25	78.7	−1.9	48.5	48.6	92.3	0.875	0.875	0.25	88.7	−11.2	59.9	61.0	100.6	17.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
866	Y00G_075_050$_e$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.645	0.25	70.2	−1.5	38.8	38.8	92.3	0.75	0.75	0.25	81.5	−10.9	49.8	51.0	102.3	18.3	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
867	Y00G_062_037$_e$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.546	0.25	61.7	−1.1	29.1	29.1	92.3	0.625	0.625	0.25	72.2	−9.5	38.6	39.8	103.8	16.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
868	Y00G_050_025$_e$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.447	0.249	53.3	−0.7	19.4	19.4	92.3	0.5	0.5	0.25	62.1	−7.7	26.3	27.4	106.2	13.2	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
869	Y00G_037_012$_e$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.348	0.249	44.8	−0.3	9.7	9.7	92.3	0.375	0.375	0.25	51.0	−5.5	13.5	14.6	112.4	8.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
870	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	37.4	0.0	−1.1	1.1	274.9	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
871	B00R_025_012$_e$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.16	0.25	29.0	0.1	−6.2	6.2	271.7	0.125	0.125	0.25	31.3	3.2	−15.3	15.7	282.0	9.9	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
872	B00R_025_025$_e$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.071	0.25	21.6	0.3	−12.4	12.4	271.7	0.0	0.0	0.25	25.0	5.8	−23.0	23.8	284.2	12.4	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
873	Y00G_100_087$_e$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.817	0.125	85.6	−2.7	68.0	68.0	92.3	1.0	1.0	0.125	91.4	−14.0	76.2	77.5	100.4	15.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
874	Y00G_087_075$_e$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.718	0.125	77.2	−2.3	58.2	58.3	92.3	0.875	0.875	0.125	88.8	−12.6	77.4	78.4	99.2	24.6	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
875	Y00G_075_062$_e$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.619	0.125	68.7	−1.9	48.5	48.6	92.3	0.75	0.75	0.125	81.1	−12.1	67.9	69.0	100.1	25.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
876	Y00G_062_050$_e$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.52	0.125	60.2	−1.5	38.8	38.8	92.3	0.625	0.625	0.125	71.5	−11.1	55.8	56.9	101.3	22.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
877	Y00G_050_037$_e$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.421	0.124	51.7	−1.1	29.1	29.1	92.3	0.5	0.5	0.125	61.5	−9.6	42.6	43.6	102.7	18.6	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
878	Y00G_037_025$_e$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.322	0.124	43.3	−0.7	19.4	19.4	92.3	0.375	0.375	0.125	52.3	−8.3	31.2	32.2	104.9	16.6	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
879	Y00G_025_012$_e$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.223	0.124	34.8	−0.3	9.7	9.7	92.3	0.25	0.25	0.125	40.4	−5.0	15.7	16.4	107.7	9.4	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
880	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	22.0	0.0	−0.5	0.5	274.4	4.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
881	B00R_012_012$_e$	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.035	0.125	19.0	0.1	−6.2	6.2	271.7	0.0	0.0	0.125	26.1	5.8	−13.2	14.4	293.7	11.4	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
882	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3	1.0	1.0	0.0	91.2	−14.4	84.3	85.5	99.7	14.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
883	Y00G_087_087$_e$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.692	0.0	75.6	−2.7	68.0	68.0	92.3	0.875	0.875	0.0	90.1	−13.2	90.5	91.5	98.3	28.7	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
884	Y00G_075_075$_e$	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.593	0.0	67.2	−2.3	58.2	58.3	92.3	0.75	0.75	0.0	81.7	−13.1	82.2	83.3	99.0	30.0	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
885	Y00G_062_062$_e$	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.494	0.0	58.7	−1.9	48.5	48.6	92.3	0.625	0.625	0.0	68.5	−11.5	68.1	69.1	99.6	23.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
886	Y00G_050_050$_e$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.395	0.0	50.2	−1.5	38.8	38.8	92.3	0.5	0.5	0.0	57.4	−9.8	56.0	56.9	99.9	20.3	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
887	Y00G_037_037$_e$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.296	0.0	41.7	−1.1	29.1	29.1	92.3	0.375	0.375	0.0	49.9	−9.7	43.6	44.7	102.6	18.7	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
888	Y00G_025_025$_e$	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.197	0.0	33.3	−0.7	19.4	19.4	92.3	0.25	0.25	0.0	41.7	−7.8	32.1	33.0	103.8	16.8	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
889	Y00G_012_012$_e$	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.098	0.0	24.8	−0.3	9.7	9.7	92.3	0.125	0.125	0.0	31.8	−4.5	15.8	16.4	106.1	10.1	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
890	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8	0.0	0.1	0.1	74.0	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta *E**' = *13.5***

1−0132930−F0 RE730−7N, Page 30/33−F

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

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

1−0132930−F0

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of laser printer output, separation cmyn6 (CMYK)

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 31/33

n	HIC*Fe	rgb_Fe			ict_Fe			$h_{si_F,e}$	rgb*Fe			LabCh*Fe				
891	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
892	B50R_100_012$_e$	1.0	0.875	1.0	1.0	0.125	0.937	330	0.933	0.875	1.0	88.6	6.1	−3.7	7.1	328.6
893	B50R_100_025$_e$	1.0	0.75	1.0	1.0	0.25	0.875	330	0.866	0.75	1.0	81.0	12.2	−7.4	14.3	328.6
894	B50R_100_037$_e$	1.0	0.625	1.0	1.0	0.375	0.812	330	0.8	0.625	1.0	73.4	18.3	−11.1	21.4	328.6
895	B50R_100_050$_e$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.733	0.5	1.0	65.8	24.4	−14.9	28.6	328.6
896	B50R_100_062$_e$	1.0	0.375	1.0	1.0	0.625	0.687	330	0.667	0.375	1.0	58.1	30.5	−18.6	35.8	328.6
897	B50R_100_075$_e$	1.0	0.25	1.0	1.0	0.75	0.625	330	0.6	0.25	1.0	50.5	36.6	−22.3	42.9	328.6
898	B50R_100_087$_e$	1.0	0.125	1.0	1.0	0.875	0.562	330	0.534	0.125	1.0	42.9	42.7	−26.1	50.1	328.6
899	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
900	G00B_100_012$_e$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.894	91.0	−7.8	2.5	8.2	162.2
901	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0
902	B50R_087_012$_e$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.808	0.75	0.875	78.6	6.1	−3.7	7.1	328.6
903	B50R_087_025$_e$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.741	0.625	0.875	71.0	12.2	−7.4	14.3	328.6
904	B50R_087_037$_e$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.675	0.5	0.875	63.4	18.3	−11.1	21.4	328.6
905	B50R_087_050$_e$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.608	0.375	0.875	55.8	24.4	−14.9	28.6	328.6
906	B50R_087_062$_e$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.542	0.25	0.875	48.1	30.5	−18.6	35.8	328.6
907	B50R_087_075$_e$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.475	0.125	0.875	40.5	36.6	−22.3	42.9	328.6
908	B50R_087_087$_e$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.409	0.0	0.875	32.9	42.7	−26.1	50.1	328.6
909	G00B_100_025$_e$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.788	85.8	−15.6	5.0	16.4	162.2
910	G00B_087_012$_e$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.769	81.1	−7.8	2.5	8.2	162.2
911	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0
912	B50R_075_012$_e$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.683	0.625	0.75	68.6	6.1	−3.7	7.1	328.6
913	B50R_075_025$_e$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.616	0.5	0.75	61.0	12.2	−7.4	14.3	328.6
914	B50R_075_037$_e$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.55	0.375	0.75	53.4	18.3	−11.1	21.4	328.6
915	B50R_075_050$_e$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.483	0.25	0.75	45.8	24.4	−14.9	28.6	328.6
916	B50R_075_062$_e$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.417	0.125	0.75	38.2	30.5	−18.6	35.8	328.6
917	B50R_075_075$_e$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.35	0.0	0.75	30.5	36.6	−22.3	42.9	328.6
918	G00B_100_037$_e$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.682	80.6	−23.5	7.5	24.7	162.2
919	G00B_087_025$_e$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.663	75.8	−15.6	5.0	16.4	162.2
920	G00B_075_012$_e$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.644	71.1	−7.8	2.5	8.2	162.2
921	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0
922	B50R_062_012$_e$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.558	0.5	0.625	58.7	6.1	−3.7	7.1	328.6
923	B50R_062_025$_e$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.491	0.375	0.625	51.0	12.2	−7.4	14.3	328.6
924	B50R_062_037$_e$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.425	0.25	0.625	43.4	18.3	−11.1	21.4	328.6
925	B50R_062_050$_e$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.358	0.125	0.625	35.8	24.4	−14.9	28.6	328.6
926	B50R_062_062$_e$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.292	0.0	0.625	28.2	30.5	−18.6	35.8	328.6
927	G00B_100_050$_e$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.576	75.4	−31.3	10.0	32.9	162.2
928	G00B_087_037$_e$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.557	70.6	−23.5	7.5	24.7	162.2
929	G00B_075_025$_e$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.538	65.9	−15.6	5.0	16.4	162.2
930	G00B_062_012$_e$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.519	61.1	−7.8	2.5	8.2	162.2
931	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0
932	B50R_050_012$_e$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.433	0.375	0.5	48.7	6.1	−3.7	7.1	328.6
933	B50R_050_025$_e$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.366	0.249	0.5	41.0	12.2	−7.4	14.3	328.6
934	B50R_050_037$_e$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.3	0.124	0.5	33.4	18.3	−11.1	21.4	328.6
935	B50R_050_050$_e$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.233	0.0	0.5	25.8	24.4	−14.9	28.6	328.6
936	G00B_100_062$_e$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.47	70.2	−39.2	12.5	41.1	162.2
937	G00B_087_050$_e$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.451	65.4	−31.3	10.0	32.9	162.2
938	G00B_075_037$_e$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.432	60.7	−23.5	7.5	24.7	162.2
939	G00B_062_025$_e$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.413	55.9	−15.6	5.0	16.4	162.2
940	G00B_050_012$_e$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.394	51.1	−7.8	2.5	8.2	162.2
941	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0
942	B50R_037_012$_e$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.308	0.249	0.375	38.7	6.1	−3.7	7.1	328.6
943	B50R_037_025$_e$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.241	0.124	0.375	31.1	12.2	−7.4	14.3	328.6
944	B50R_037_037$_e$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.175	0.0	0.375	23.4	18.3	−11.1	21.4	328.6
945	G00B_100_075$_e$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.364	65.0	−47.0	15.0	49.4	162.2
946	G00B_087_062$_e$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.345	60.2	−39.2	12.5	41.1	162.2
947	G00B_075_050$_e$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.326	55.5	−31.3	10.0	32.9	162.2
948	G00B_062_037$_e$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.307	50.7	−23.5	7.5	24.7	162.2
949	G00B_050_025$_e$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.288	45.9	−15.6	5.0	16.4	162.2
950	G00B_037_012$_e$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.269	41.1	−7.8	2.5	8.2	162.2
951	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0
952	B50R_025_012$_e$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.183	0.124	0.25	28.7	6.1	−3.7	7.1	328.6
953	B50R_025_025$_e$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.116	0.0	0.25	21.1	12.2	−7.4	14.3	328.6
954	G00B_100_087$_e$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.259	59.8	−54.9	17.6	57.6	162.2
955	G00B_087_075$_e$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.239	55.0	−47.0	15.0	49.4	162.2
956	G00B_075_062$_e$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.22	50.2	−39.2	12.5	41.1	162.2
957	G00B_062_050$_e$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.201	45.5	−31.3	10.0	32.9	162.2
958	G00B_050_037$_e$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.182	40.7	−23.5	7.5	24.7	162.2
959	G00B_037_025$_e$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.163	35.9	−15.6	5.0	16.4	162.2
960	G00B_025_012$_e$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.144	31.1	−7.8	2.5	8.2	162.2
961	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0
962	B50R_012_012$_e$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.058	0.0	0.125	18.7	6.1	−3.7	7.1	328.6
963	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
964	G00B_087_087$_e$	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.134	49.8	−54.9	17.6	57.6	162.2
965	G00B_075_075$_e$	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.114	45.0	−47.0	15.0	49.4	162.2
966	G00B_062_062$_e$	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.095	40.3	−39.2	12.5	41.1	162.2
967	G00B_050_050$_e$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.076	35.5	−31.3	10.0	32.9	162.2
968	G00B_037_037$_e$	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.057	30.7	−23.5	7.5	24.7	162.2
969	G00B_025_025$_e$	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.038	25.9	−15.6	5.0	16.4	162.2
970	G00B_012_012$_e$	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.019	21.1	−7.8	2.5	8.2	162.2
971	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0

n	rgb*'Fe			LabCh*'Fe					DE*'Fe	$h_{siM,e}$	rgb*Me			LabCh*Me				
891	1.0	1.0	1.0	96.4	0.0	−0.2	0.2	273.0	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
892	1.0	0.875	1.0	91.5	8.3	−3.4	9.0	337.6	3.6	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
893	1.0	0.75	1.0	85.9	16.6	−5.8	17.6	340.7	6.8	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
894	1.0	0.625	1.0	79.7	25.5	−7.5	26.6	343.4	10.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
895	1.0	0.5	1.0	73.7	34.3	−9.0	35.5	345.2	14.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
896	1.0	0.375	1.0	66.9	45.3	−10.4	46.4	347.0	19.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
897	1.0	0.25	1.0	59.7	54.9	−11.4	56.1	348.2	23.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
898	1.0	0.125	1.0	51.3	68.0	−10.7	68.8	351.0	30.7	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
899	1.0	0.0	1.0	46.9	70.2	−10.2	70.9	351.7	31.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
900	0.875	1.0	0.875	92.7	−8.0	7.2	10.8	138.0	5.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
901	0.875	0.875	0.875	89.9	0.2	−0.2	0.3	312.5	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
902	0.875	0.75	0.875	83.4	10.0	−5.8	11.5	329.8	6.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
903	0.875	0.625	0.875	77.2	19.4	−8.2	21.1	336.9	9.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
904	0.875	0.5	0.875	70.7	28.4	−10.6	30.4	339.4	12.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
905	0.875	0.375	0.875	64.3	38.1	−12.7	40.2	341.4	16.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
906	0.875	0.25	0.875	57.5	47.6	−13.8	49.6	343.8	20.0	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
907	0.875	0.125	0.875	49.9	59.6	−15.7	61.6	345.2	25.7	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
908	0.875	0.0	0.875	43.7	64.2	−13.3	65.6	348.2	27.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
909	0.75	1.0	0.75	88.6	−14.9	13.1	19.9	138.7	8.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
910	0.75	0.875	0.75	87.1	−10.6	9.1	14.0	139.5	9.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
911	0.75	0.75	0.75	78.7	0.2	−0.3	0.3	303.5	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
912	0.75	0.625	0.75	72.8	10.1	−6.4	11.9	327.5	6.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
913	0.75	0.5	0.75	66.5	19.6	−8.9	21.6	335.5	9.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
914	0.75	0.375	0.75	59.3	28.7	−10.4	30.6	340.0	11.9	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
915	0.75	0.25	0.75	52.7	39.3	−12.5	41.2	342.3	16.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
916	0.75	0.125	0.75	45.6	50.5	−12.7	52.1	345.8	22.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
917	0.75	0.0	0.75	38.7	57.7	−13.3	59.2	347.0	24.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
918	0.625	1.0	0.625	83.5	−20.9	16.0	26.4	142.5	9.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
919	0.625	0.875	0.625	82.3	−17.1	13.2	21.6	142.2	10.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
920	0.625	0.75	0.625	76.8	−10.3	6.0	11.9	149.7	7.1	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
921	0.625	0.625	0.625	68.7	0.2	−0.9	0.9	284.6	2.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
922	0.625	0.5	0.625	63.1	10.7	−7.2	12.9	326.2	7.3	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
923	0.625	0.375	0.625	55.7	20.3	−9.3	22.3	335.1	9.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
924	0.625	0.25	0.625	49.1	31.0	−11.5	33.1	339.6	13.9	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
925	0.625	0.125	0.625	41.8	41.5	−11.4	43.0	344.6	18.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
926	0.625	0.0	0.625	34.8	51.0	−11.4	52.3	347.3	22.7	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
927	0.5	1.0	0.5	77.5	−27.9	17.5	32.9	147.8	8.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
928	0.5	0.875	0.5	76.5	−26.1	15.3	30.3	149.6	10.1	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
929	0.5	0.75	0.5	72.0	−17.1	10.7	20.2	147.9	8.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
930	0.5	0.625	0.5	66.9	−10.3	4.9	11.4	154.1	6.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
931	0.5	0.5	0.5	57.8	0.1	−1.0	1.0	278.4	1.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
932	0.5	0.375	0.5	51.4	11.3	−7.5	13.5	326.2	6.9	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
933	0.5	0.25	0.5	45.3	22.2	−9.7	24.2	336.4	11.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
934	0.5	0.125	0.5	38.9	32.1	−9.7	33.5	343.0	14.8	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
935	0.5	0.0	0.5	31.9	42.0	−9.0	43.0	347.8	19.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
936	0.375	1.0	0.375	70.5	−37.5	22.9	44.0	148.5	10.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
937	0.375	0.875	0.375	71.7	−34.8	19.7	40.0	150.4	12.0	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
938	0.375	0.75	0.375	66.0	−26.1	14.4	29.8	151.0	9.1	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
939	0.375	0.625	0.375	60.5	−19.6	8.7	21.5	155.9	7.1	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
940	0.375	0.5	0.375	54.5	−10.3	4.1	11.1	158.0	4.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
941	0.375	0.375	0.375	47.0	0.0	−1.1	1.1	274.4	1.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
942	0.375	0.25	0.375	40.3	12.3	−7.3	14.4	329.2	7.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
943	0.375	0.125	0.375	35.5	23.4	−8.7	25.0	339.5	12.1	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
944	0.375	0.0	0.375	30.1	32.8	−8.3	33.8	345.8	16.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
945	0.25	1.0	0.25	64.1	−48.0	26.9	55.1	150.7	11.9	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
946	0.25	0.875	0.25	66.6	−44.3	25.5	51.2	150.0	15.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
947	0.25	0.75	0.25	60.1	−33.9	18.3	38.5	151.5	9.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
948	0.25	0.625	0.25	54.4	−28.3	13.3	31.3	154.7	8.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
949	0.25	0.5	0.25	48.5	−21.0	9.4	23.1	155.7	7.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
950	0.25	0.375	0.25	43.9	−11.5	4.3	12.2	159.4	4.9	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
951	0.25	0.25	0.25	34.9	0.0	−0.9	0.9	273.6	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
952	0.25	0.125	0.25	32.1	12.3	−6.1	13.8	333.6	7.5	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
953	0.25	0.0	0.25	28.7	21.1	−7.1	22.3	341.2	11.7	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
954	0.125	1.0	0.125	58.3	−58.5	31.2	66.4	151.9	14.2	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
955	0.125	0.875	0.125	60.7	−54.7	30.8	62.8	150.6	18.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
956	0.125	0.75	0.125	56.0	−42.5	22.9	48.3	151.6	12.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
957	0.125	0.625	0.125	50.8	−36.8	18.7	41.3	153.0	11.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
958	0.125	0.5	0.125	44.9	−29.5	13.4	32.4	155.6	9.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
959	0.125	0.375	0.125	39.3	−22.8	8.0	24.2	160.5	8.5	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
960	0.125	0.25	0.125	36.5	−11.2	5.2	12.4	154.9	6.9	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
961	0.125	0.125	0.125	22.6	0.0	−0.3	0.3	278.9	3.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
962	0.125	0.0	0.125	25.8	10.7	−3.7	11.3	340.6	8.4	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6
963	0.0	1.0	0.0	56.2	−63.4	34.4	72.2	151.4	14.4	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
964	0.0	0.875	0.0	53.3	−69.2	32.4	76.4	154.8	20.9	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
965	0.0	0.75	0.0	51.4	−70.2	30.8	76.7	156.3	28.7	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
966	0.0	0.625	0.0	48.0	−66.7	29.2	72.9	156.3	33.1	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
967	0.0	0.5	0.0	43.8	−58.7	24.2	63.5	157.5	31.9	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
968	0.0	0.375	0.0	39.0	−35.8	14.3	38.6	158.2	16.3	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
969	0.0	0.25	0.0	34.1	−22.4	7.4	23.6	161.5	10.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
970	0.0	0.125	0.0	30.2	−8.7	5.5	10.3	147.8	9.6	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
971	0.0	0.0	0.0	16.5	0.0	−0.1	0.1	283.3	0.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta $E^{*\prime}$ = *12.1***

1−0133030−F0

RE730−7N, Page 31/33−F

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

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

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

http://130.149.60.45/~farbmetrik/RE73/RE73L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 32/33

n	HIC*Fe	rgb_Fe			ict_Fe			$h_{si_F,e}$	rgb*Fe			LabCh*Fe					rgb*'Fe			LabCh*'Fe					DE*'Fe	$h_{siM,e}$	rgb*Me			LabCh*Me				
972	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	0.0	0.0	0.0	111.1	1.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
973	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	20.7	0.0	−0.5	0.5	261.0	5.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
974	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	35.4	0.0	−1.2	1.2	268.4	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
975	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	46.8	0.0	−0.9	0.9	271.7	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
976	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	58.7	0.1	−1.1	1.1	276.3	2.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
977	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.9	0.0	−0.9	0.9	275.2	3.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
978	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	79.7	0.1	−0.4	0.5	292.0	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
979	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.9	0.1	−0.1	0.1	325.5	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
980	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.3	0.3	283.1	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
981	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.4	0.0	0.0	0.0	218.8	2.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
982	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	19.6	0.0	−0.6	0.6	266.0	6.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
983	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	34.5	0.0	−1.2	1.2	270.3	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
984	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	46.1	0.1	−1.1	1.1	276.0	1.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
985	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	57.9	0.1	−1.1	1.1	279.2	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
986	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.4	0.2	−1.0	1.0	282.1	3.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
987	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	79.4	0.2	−0.5	0.6	293.1	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
988	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	89.9	0.2	−0.2	0.3	310.2	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
989	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.1	−0.4	0.4	285.7	0.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
990	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.1	119.9	3.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
991	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	19.3	0.0	−0.6	0.6	268.2	7.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
992	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	33.7	0.0	−0.9	0.9	270.0	2.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
993	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	46.3	0.1	−1.0	1.0	278.2	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
994	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	57.6	0.1	−0.8	0.9	280.8	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
995	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	69.4	0.2	−0.9	0.9	283.6	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
996	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	79.7	0.2	−0.3	0.4	302.7	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
997	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	90.1	0.2	−0.3	0.3	309.8	3.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
998	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.2	0.2	273.8	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
999	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9	0.0	0.1	0.1	116.8	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1000	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	26.3	0.0	0.0	0.0	0.0	0.125	0.125	0.125	19.0	0.0	−0.4	0.4	257.1	7.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1001	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	36.3	0.0	0.0	0.0	0.0	0.25	0.25	0.25	33.9	0.0	−0.9	0.9	267.5	2.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1002	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.3	0.0	0.0	0.0	0.0	0.375	0.375	0.375	46.2	0.0	−0.8	0.8	273.3	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1003	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.3	0.0	0.0	0.0	0.0	0.5	0.5	0.5	56.9	0.1	−0.7	0.7	282.7	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1004	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.625	0.625	0.625	68.6	0.1	−0.6	0.6	283.9	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1005	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.3	0.0	0.0	0.0	0.0	0.75	0.75	0.75	79.1	0.2	−0.2	0.3	310.0	2.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1006	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	90.0	0.1	0.0	0.1	9.4	3.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1007	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.1	0.1	272.3	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1008	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9	0.0	0.0	0.0	144.8	3.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1009	NW_006$_e$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.6	0.0	0.0	0.0	0.0	0.066	0.066	0.066	16.5	0.0	−0.1	0.1	268.5	5.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1010	NW_013$_e$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	27.0	0.0	0.0	0.0	0.0	0.133	0.133	0.133	23.4	0.0	−0.8	0.8	269.7	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1011	NW_020$_e$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	32.3	0.0	0.0	0.0	0.0	0.2	0.2	0.2	31.2	0.0	−1.0	1.0	268.3	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1012	NW_026$_e$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.6	0.0	0.0	0.0	0.0	0.266	0.266	0.266	39.3	0.0	−1.2	1.2	271.6	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1013	NW_033$_e$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.9	0.0	0.0	0.0	0.0	0.333	0.333	0.333	44.2	0.0	−1.0	1.0	274.0	1.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1014	NW_040$_e$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.3	0.0	0.0	0.0	0.0	0.4	0.4	0.4	50.5	0.1	−1.1	1.1	275.6	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1015	NW_046$_e$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.6	0.0	0.0	0.0	0.0	0.466	0.466	0.466	55.4	0.1	−0.9	0.9	277.8	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1016	NW_053$_e$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.9	0.0	0.0	0.0	0.0	0.533	0.533	0.533	61.5	0.1	−0.9	0.9	279.0	2.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1017	NW_060$_e$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.3	0.0	0.0	0.0	0.0	0.6	0.6	0.6	67.7	0.1	−0.7	0.8	280.8	3.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1018	NW_066$_e$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.6	0.0	0.0	0.0	0.0	0.666	0.666	0.666	72.8	0.1	−0.6	0.7	284.3	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1019	NW_073$_e$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.0	0.0	0.0	0.0	0.0	0.734	0.734	0.734	78.2	0.1	−0.3	0.4	296.9	3.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1020	NW_080$_e$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.3	0.0	0.0	0.0	0.0	0.8	0.8	0.8	82.6	0.2	−0.1	0.2	327.3	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1021	NW_086$_e$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.866	0.866	0.866	88.0	0.1	0.0	0.1	340.9	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1022	NW_093$_e$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.933	0.933	0.933	93.0	0.0	0.0	0.1	321.2	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1023	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−0.1	0.1	253.3	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1024	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	0.0	0.0	0.0	67.5	3.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1025	NW_006$_e$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.6	0.0	0.0	0.0	0.0	0.066	0.066	0.066	16.7	0.0	−0.1	0.1	298.2	4.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1026	NW_013$_e$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	27.0	0.0	0.0	0.0	0.0	0.133	0.133	0.133	23.3	0.0	−0.7	0.7	270.9	3.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1027	NW_020$_e$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	32.3	0.0	0.0	0.0	0.0	0.2	0.2	0.2	30.6	0.0	−1.1	1.1	270.3	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1028	NW_026$_e$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.6	0.0	0.0	0.0	0.0	0.266	0.266	0.266	38.8	0.0	−1.2	1.2	272.4	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1029	NW_033$_e$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.9	0.0	0.0	0.0	0.0	0.333	0.333	0.333	43.7	0.1	−1.0	1.0	277.8	1.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1030	NW_040$_e$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.3	0.0	0.0	0.0	0.0	0.4	0.4	0.4	50.1	0.1	−0.9	0.9	279.4	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1031	NW_046$_e$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.6	0.0	0.0	0.0	0.0	0.466	0.466	0.466	54.8	0.1	−0.9	0.9	281.9	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1032	NW_053$_e$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.9	0.0	0.0	0.0	0.0	0.533	0.533	0.533	61.4	0.2	−0.9	0.9	283.0	2.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1033	NW_060$_e$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.3	0.0	0.0	0.0	0.0	0.6	0.6	0.6	67.1	0.2	−0.9	0.9	284.9	2.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1034	NW_066$_e$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.6	0.0	0.0	0.0	0.0	0.666	0.666	0.666	72.2	0.2	−0.6	0.6	289.8	2.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1035	NW_073$_e$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.0	0.0	0.0	0.0	0.0	0.734	0.734	0.734	77.6	0.2	−0.4	0.5	298.2	2.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1036	NW_080$_e$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.3	0.0	0.0	0.0	0.0	0.8	0.8	0.8	82.6	0.2	−0.1	0.3	324.4	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1037	NW_086$_e$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.866	0.866	0.866	88.0	0.2	−0.2	0.3	320.4	2.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1038	NW_093$_e$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.933	0.933	0.933	93.0	0.1	−0.2	0.3	305.1	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1039	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.3	0.3	278.8	0.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1040	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.1	0.1	61.0	4.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1041	NW_006$_e$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.6	0.0	0.0	0.0	0.0	0.066	0.066	0.066	15.9	0.1	−0.1	0.1	317.6	5.6	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1042	NW_013$_e$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	27.0	0.0	0.0	0.0	0.0	0.133	0.133	0.133	22.8	0.0	−0.7	0.7	273.7	4.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1043	NW_020$_e$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	32.3	0.0	0.0	0.0	0.0	0.2	0.2	0.2	30.1	0.0	−0.8	0.8	273.5	2.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1044	NW_026$_e$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.6	0.0	0.0	0.0	0.0	0.266	0.266	0.266	38.5	0.1	−1.0	1.0	276.4	1.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1045	NW_033$_e$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.9	0.0	0.0	0.0	0.0	0.333	0.333	0.333	43.0	0.1	−0.9	0.9	276.8	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1046	NW_040$_e$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.3	0.0	0.0	0.0	0.0	0.4	0.4	0.4	49.8	0.2	−0.9	0.9	284.1	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1047	NW_046$_e$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.6	0.0	0.0	0.0	0.0	0.466	0.466	0.466	54.5	0.1	−0.7	0.7	283.9	1.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1048	NW_053$_e$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.9	0.0	0.0	0.0	0.0	0.533	0.533	0.533	60.7	0.2	−0.9	0.9	285.1	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1049	NW_060$_e$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.3	0.0	0.0	0.0	0.0	0.6	0.6	0.6	66.5	0.1	−0.6	0.6	286.3	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1050	NW_066$_e$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.6	0.0	0.0	0.0	0.0	0.666	0.666	0.666	71.9	0.2	−0.6	0.7	290.9	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1051	NW_073$_e$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.0	0.0	0.0	0.0	0.0	0.734	0.734	0.734	77.4	0.2	−0.2	0.3	307.9	2.4	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1052	NW_080$_e$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.3	0.0	0.0	0.0	0.0	0.8	0.8	0.8	82.1	0.3	−0.2	0.4	322.8	1.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta $E^{*\prime}$ = 2.6**

1−0133130−F0 RE730−7N, Page 32/33−F

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

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

1−0133130−F0

TUB registration: 20150701-RE73/RE73L0NP.PDF /.PS
application for measurement of laser printer output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

n	HIC*$_{Fe}$	*rgb*$_{Fe}$			*ict*$_{Fe}$			$h_{si\_F,e}$	*rgb**$_{Fe}$			*LabCh**$_{Fe}$				*rgb*'*$_{Fe}$			*LabCh*'*$_{Fe}$					*DE*'*$_{Fe}$	$h_{siM,e}$	*rgb**$_{Me}$			*LabCh**$_{Me}$			
1053	NW_086$_e$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.866	0.866	0.866	87.5	0.1	0.0	0.1	14.3	1.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1054	NW_093$_e$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.933	0.933	92.9	0.2	−0.3	0.3	304.0	2.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1055	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	96.2	0.0	−0.1	0.1	245.9	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1056	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	11.5	0.0	0.2	0.2	82.0	4.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1057	NW_006$_e$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.6	0.0	0.0	0.0	0.0	0.066	0.066	14.8	0.0	0.1	0.1	78.2	6.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1058	NW_013$_e$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	27.0	0.0	0.0	0.0	0.0	0.133	0.133	21.9	0.0	−0.4	0.4	270.8	5.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1059	NW_020$_e$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	32.3	0.0	0.0	0.0	0.0	0.2	0.2	29.5	0.0	−0.8	0.8	274.4	2.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1060	NW_026$_e$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.6	0.0	0.0	0.0	0.0	0.266	0.266	38.1	0.0	−0.8	0.8	274.0	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1061	NW_033$_e$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.9	0.0	0.0	0.0	0.0	0.333	0.333	42.6	0.1	−0.8	0.8	278.2	0.9	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1062	NW_040$_e$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.3	0.0	0.0	0.0	0.0	0.4	0.4	49.3	0.1	−0.7	0.7	278.3	1.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1063	NW_046$_e$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.6	0.0	0.0	0.0	0.0	0.466	0.466	54.1	0.1	−0.6	0.7	286.3	0.8	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1064	NW_053$_e$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.9	0.0	0.0	0.0	0.0	0.533	0.533	61.0	0.1	−0.6	0.6	282.7	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1065	NW_060$_e$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.3	0.0	0.0	0.0	0.0	0.6	0.6	66.4	0.1	−0.6	0.6	286.2	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1066	NW_066$_e$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.6	0.0	0.0	0.0	0.0	0.666	0.666	71.9	0.1	−0.4	0.4	288.3	2.3	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1067	NW_073$_e$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.0	0.0	0.0	0.0	0.0	0.734	0.734	77.2	0.2	−0.2	0.3	314.2	2.2	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1068	NW_080$_e$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.3	0.0	0.0	0.0	0.0	0.8	0.8	81.8	0.2	0.0	0.2	15.2	1.5	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1069	NW_086$_e$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.866	0.866	87.6	0.1	0.0	0.1	2.0	2.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1070	NW_093$_e$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.933	0.933	92.7	0.0	0.1	0.1	70.4	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1071	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	96.2	0.0	0.0	0.1	282.1	0.1	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1072	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	14.6	0.0	0.0	0.0	39.8	1.7	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1073	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0	1.0	1.0	96.3	0.0	0.0	0.0	109.2	0.0	360	1.0	1.0	1.0	96.2	0.0	0.0	0.0	0.0
1074	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4	1.0	0.0	0.0	46.1	58.9	40.3	71.4	34.3	12.0	376	1.0	0.0	0.244	46.2	59.2	28.2	65.6	25.4
1075	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9	0.0	1.0	1.0	53.0	−32.8	−40.1	51.8	230.6	12.9	203	0.0	1.0	0.868	55.8	−37.9	−28.5	47.5	216.9
1076	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3	1.0	1.0	0.0	91.2	−14.6	87.8	89.0	99.4	16.9	78	1.0	0.791	0.0	84.1	−3.1	77.7	77.7	92.3
1077	B00R_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7	0.0	0.0	1.0	31.6	22.5	−44.6	50.0	296.8	22.4	253	0.0	0.284	1.0	37.6	1.5	−49.6	49.6	271.7
1078	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2	0.0	1.0	0.0	54.7	−66.4	34.5	74.8	152.5	14.8	158	0.0	1.0	0.153	54.6	−62.7	20.1	65.8	162.2
1079	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6	1.0	0.0	1.0	46.8	71.8	−11.8	72.7	350.5	31.2	297	0.467	0.0	1.0	35.3	48.9	−29.8	57.2	328.6

Mean color difference of this page: **delta *E**' = *5.7***

1−0133230−F0

RE730−7N, Page 33/33−F

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

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

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

1−0133230−F0