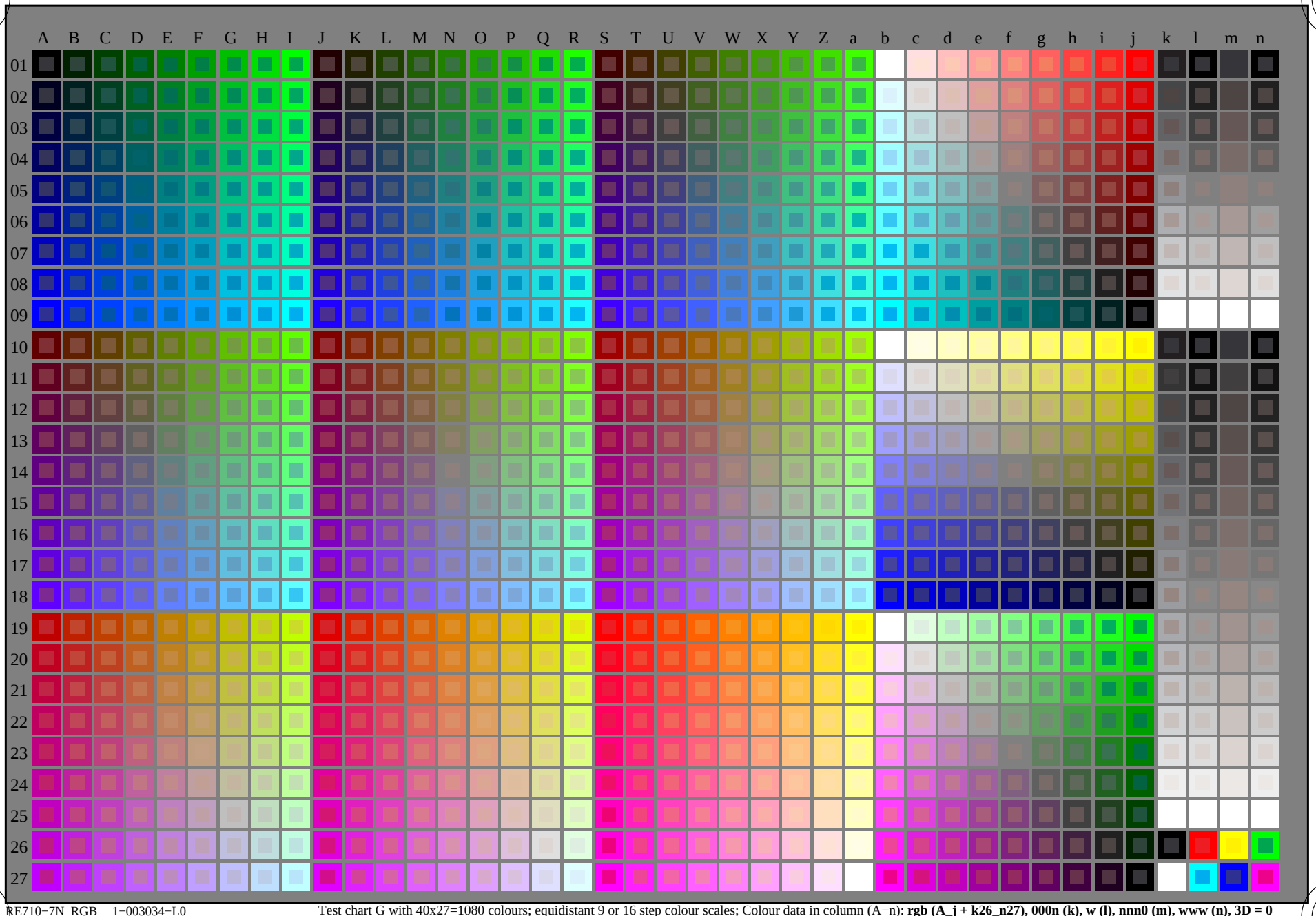


RE710−7N_RGB 1−003034−L0 Test chart G with 40x27=1080 colours; equidistant 9 or 16 step colour scales; Colour data in column (A−n): **rgb (A_j + k26_n27), 000n (k), w (l), nnn0 (m), www (n), 3D = 0**

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

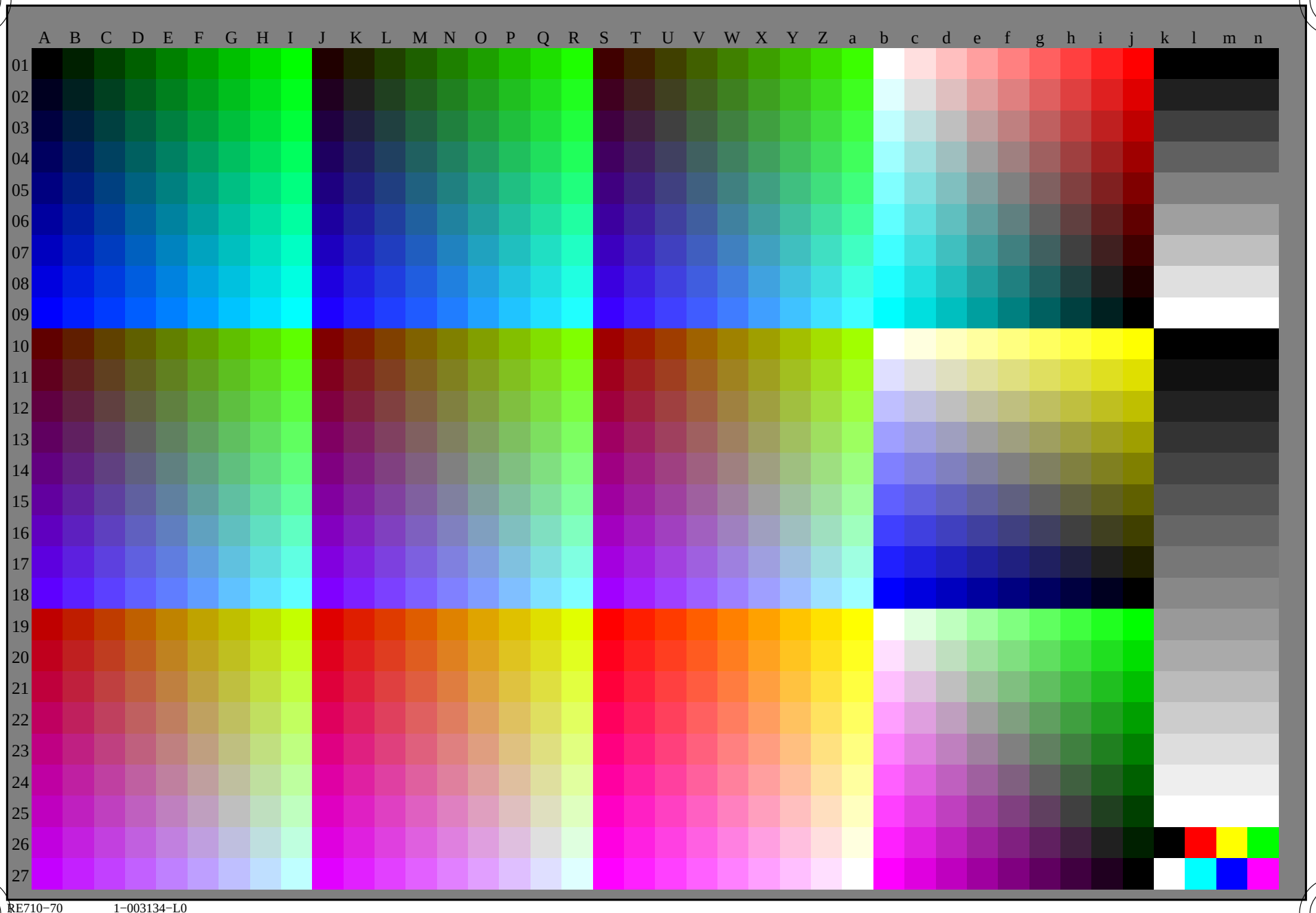
input: *rgb/cmyk −> rgb/cmyk*
output: no change

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output

TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/RE71/RE71L0NA.TXT /.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/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

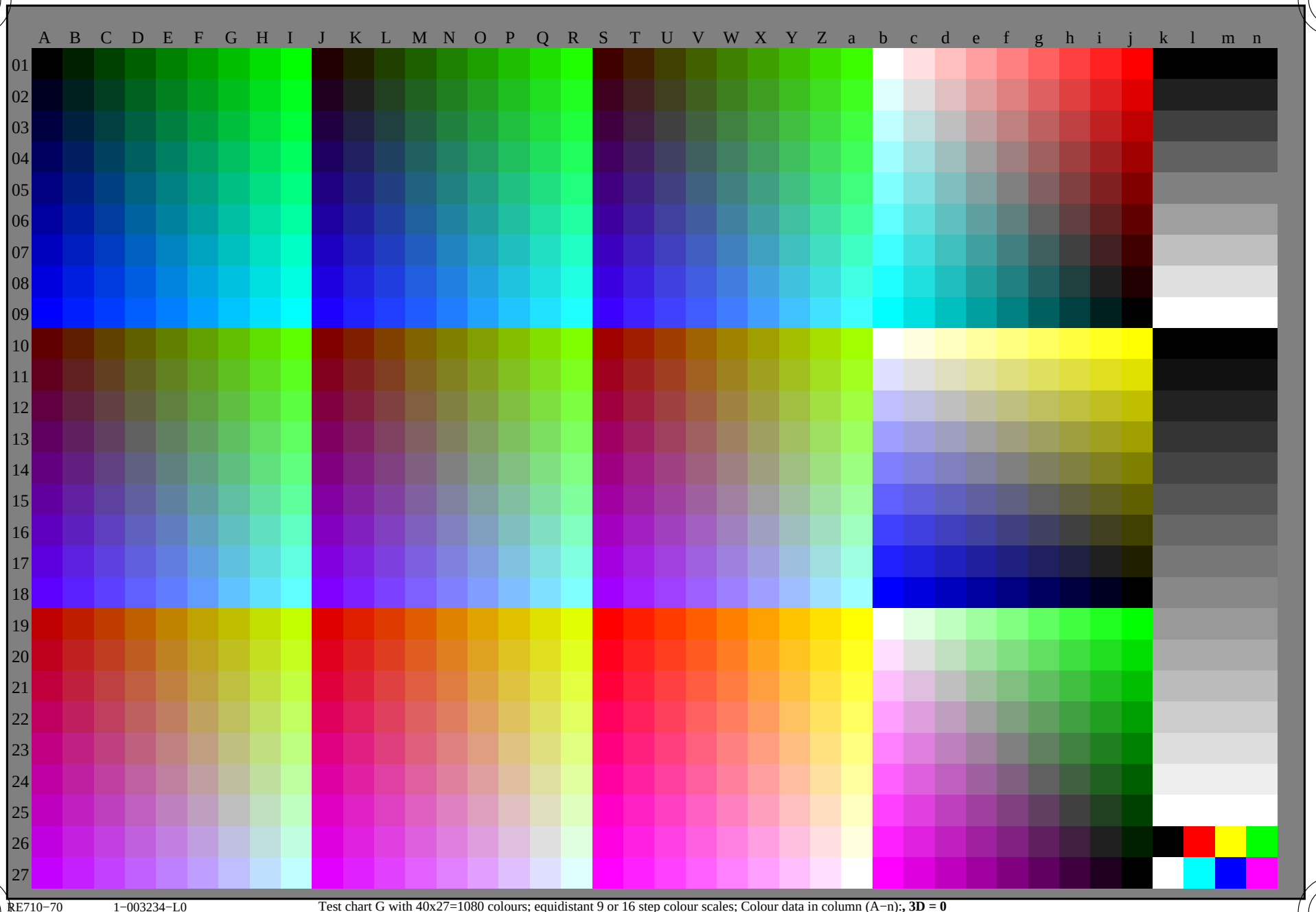
TUB material: code=rha4ta

RE710−70 1−003134−L0

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872, 3D=0, de=0, *rgb*

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

1−003134−F0



RE710−70 1−003234−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 RE71; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

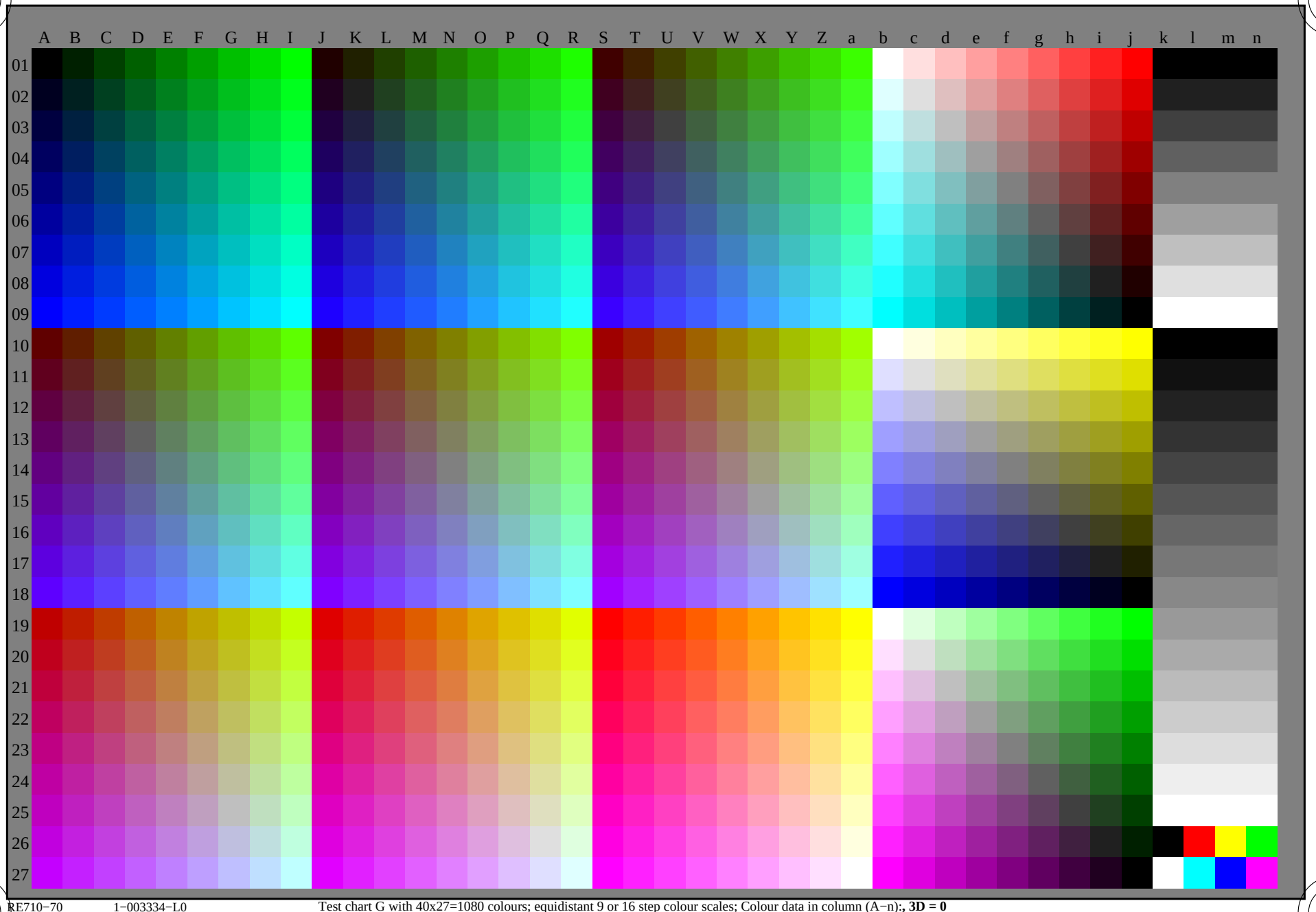
input: *rgb/cmyk* −> rgb_d
output: transfer to rgb_d

1−003234−F0

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

TUB material: code=rha4ta



see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

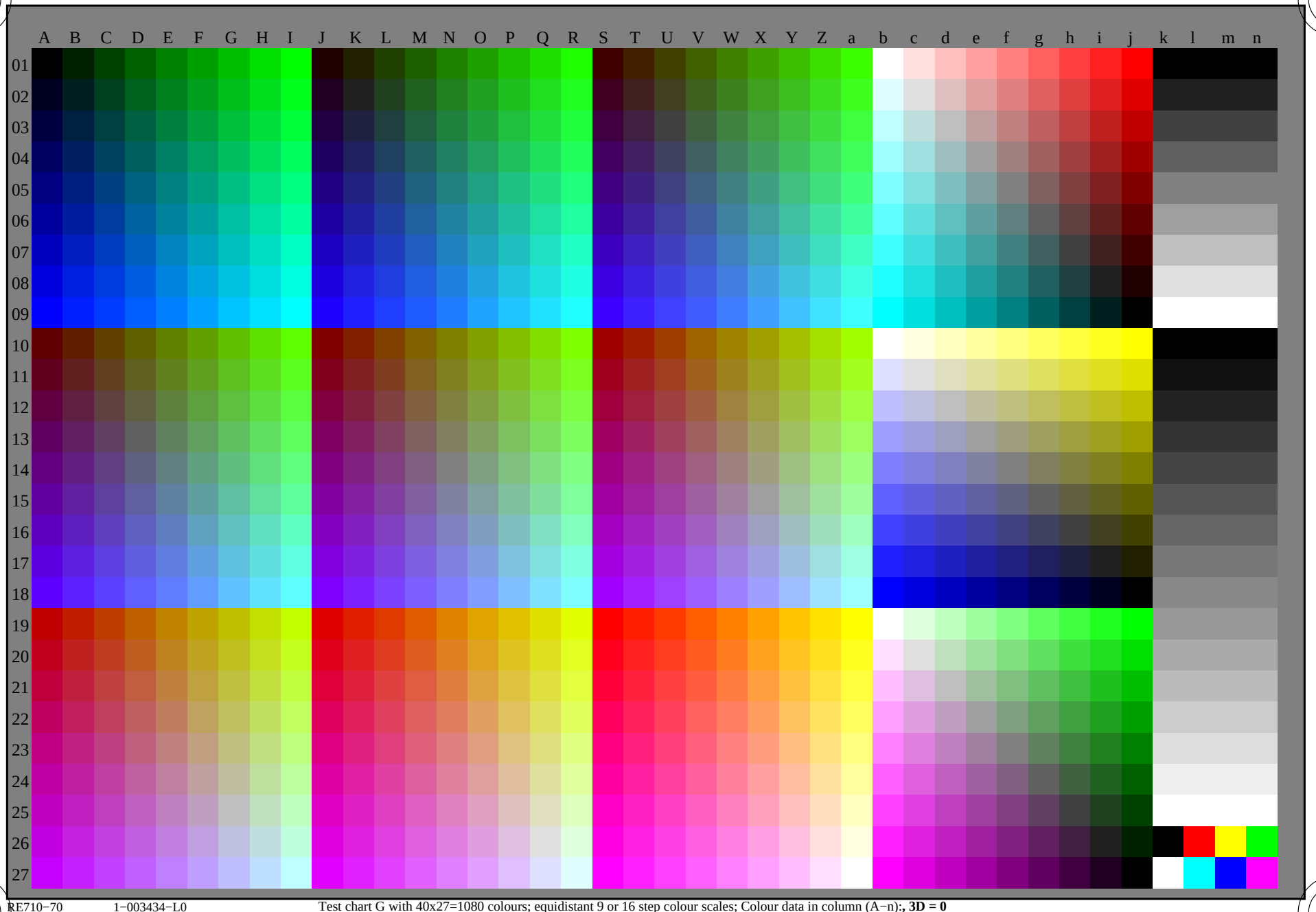
TUB material: code=rha4ta

RE710−70 1−003334−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 RE71; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

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

1−003334−F0



RE710−70 1−003434−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 RE71; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

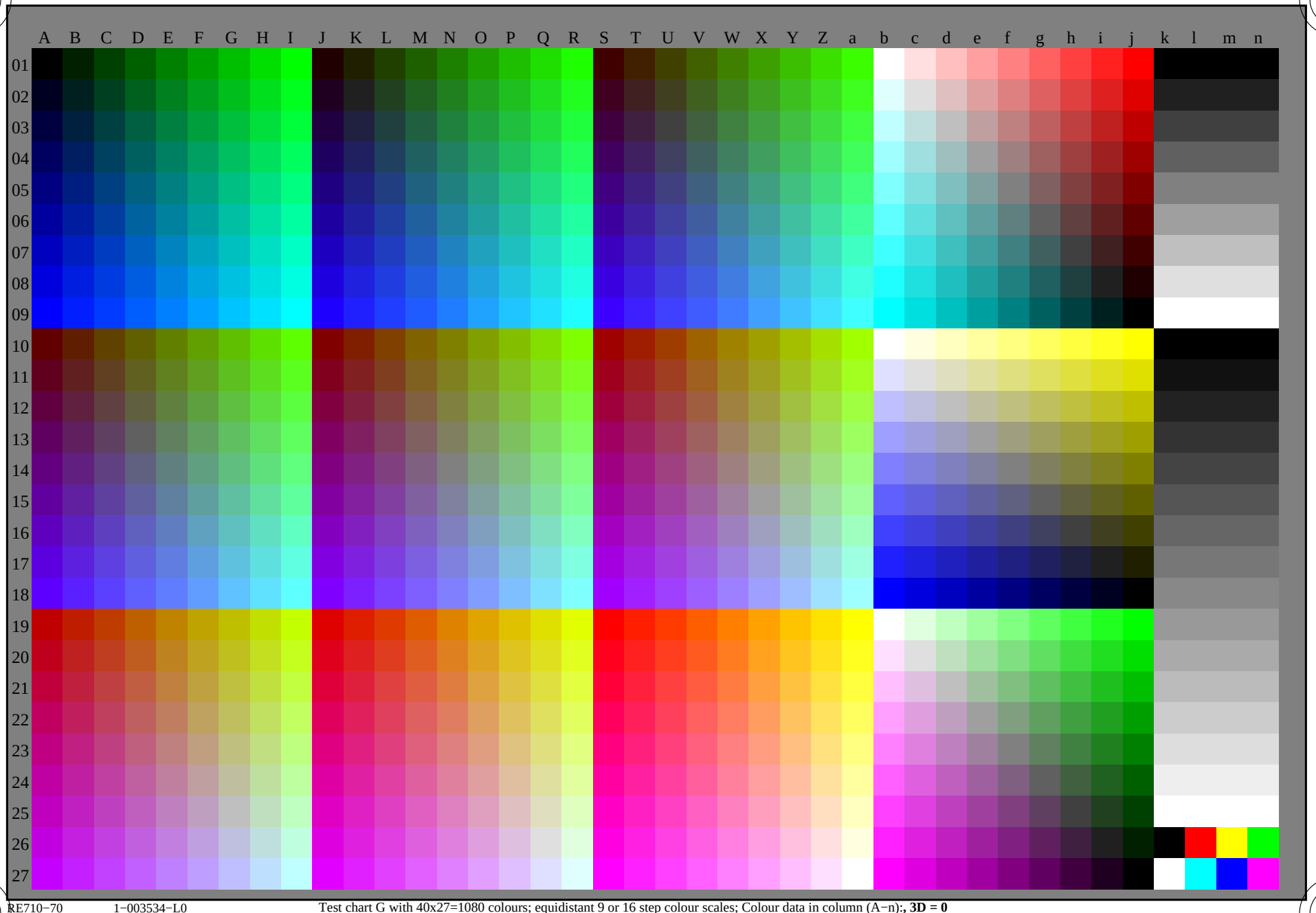
input: *rgb/cmyk* −> rgb_d
output: transfer to rgb_d

1−003434−F0

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

TUB material: code=rha4ta



see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

TUB material: code=rha4ta

RE710−70 1−003534−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 RE71; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

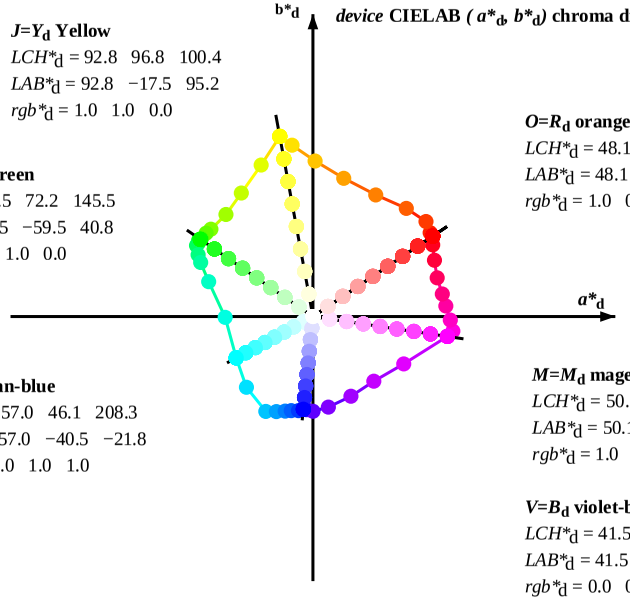
input: *rgb/cmyk* −> rgb_d
output: transfer to rgb_d

1−003534−F0

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)
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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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 = 92.8 96.8 100.4
LAB^*_d = 92.8 −17.5 95.2
rgb^*_d = 1.0 1.0 0.0

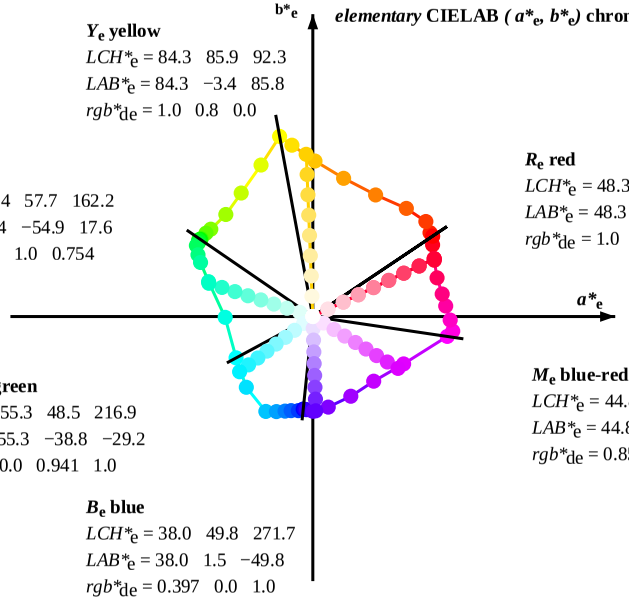
O=R_d orange-red
LCH^*_d = 48.1 76.2 33.8
LAB^*_d = 48.1 63.3 42.5
rgb^*_d = 1.0 0.0 0.0

L=G_d leaf-green
LCH^*_d = 58.5 72.2 145.5
LAB^*_d = 58.5 −59.5 40.8
rgb^*_d = 0.0 1.0 0.0

C=C_d cyan-blue
LCH^*_d = 57.0 46.1 208.3
LAB^*_d = 57.0 −40.5 −21.8
rgb^*_d = 0.0 1.0 1.0

M=M_d magenta-red
LCH^*_d = 50.1 71.8 351.5
LAB^*_d = 50.1 71.1 −10.5
rgb^*_d = 1.0 0.0 1.0

V=B_d violet-blue
LCH^*_d = 41.5 49.2 264.0
LAB^*_d = 41.5 −5.0 −49.0
rgb^*_d = 0.0 0.0 1.0



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

Y_e yellow
LCH^*_e = 84.3 85.9 92.3
LAB^*_e = 84.3 −3.4 85.8
rgb^*_{de} = 1.0 0.8 0.0

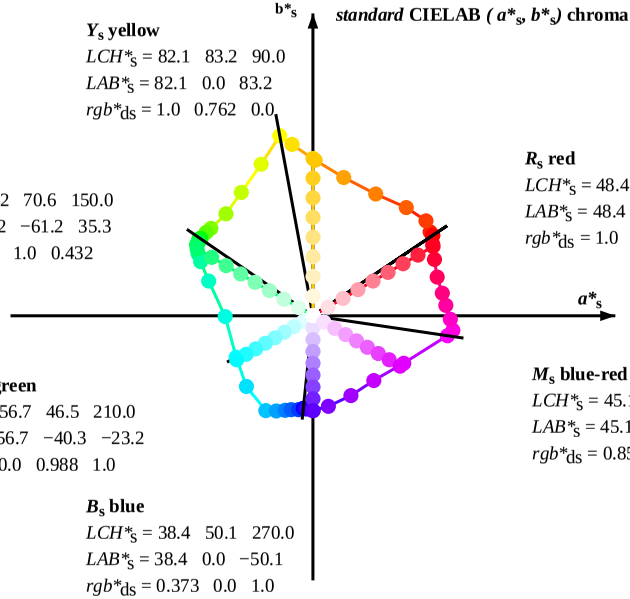
R_e red
LCH^*_e = 48.3 71.1 25.4
LAB^*_e = 48.3 64.2 30.6
rgb^*_{de} = 1.0 0.0 0.237

G_e green
LCH^*_e = 58.4 57.7 162.2
LAB^*_e = 58.4 −54.9 17.6
rgb^*_{de} = 0.0 1.0 0.754

C_e blue-green
LCH^*_e = 55.3 48.5 216.9
LAB^*_e = 55.3 −38.8 −29.2
rgb^*_{de} = 0.0 0.941 1.0

M_e blue-red
LCH^*_e = 44.8 52.7 328.6
LAB^*_e = 44.8 45.0 −27.4
rgb^*_{de} = 0.85 0.0 1.0

B_e blue
LCH^*_e = 38.0 49.8 271.7
LAB^*_e = 38.0 1.5 −49.8
rgb^*_{de} = 0.397 0.0 1.0



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

Y_s yellow
LCH^*_s = 82.1 83.2 90.0
LAB^*_s = 82.1 0.0 83.2
rgb^*_{ds} = 1.0 0.762 0.0

R_s red
LCH^*_s = 48.4 73.4 30.0
LAB^*_s = 48.4 63.5 36.7
rgb^*_{ds} = 1.0 0.0 0.142

G_s green
LCH^*_s = 57.2 70.6 150.0
LAB^*_s = 57.2 −61.2 35.3
rgb^*_{ds} = 0.0 1.0 0.432

C_s blue-green
LCH^*_s = 56.7 46.5 210.0
LAB^*_s = 56.7 −40.3 −23.2
rgb^*_{ds} = 0.0 0.988 1.0

M_s blue-red
LCH^*_s = 45.1 53.2 330.0
LAB^*_s = 45.1 46.1 −26.6
rgb^*_{ds} = 0.859 0.0 1.0

B_s blue
LCH^*_s = 38.4 50.1 270.0
LAB^*_s = 38.4 0.0 −50.1
rgb^*_{ds} = 0.373 0.0 1.0

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

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

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

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

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

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

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

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

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

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

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)
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: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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				
33.8	30.0	25.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.1	63.3	42.5	76.3	33	1.0	0.0	0.143	48.5	63.6	36.7	73.4	30	1.0	0.0	0.237	48.3	64.2	30.6	71.2	25
35.6	37.5	33.8	1.0	0.125	0.0	48.8	62.0	44.3	76.2	35.6	1.0	0.117	0.0	48.8	62.1	44.3	76.3	35	1.0	0.164	0.0	49.2	61.4	46.2	76.8	37	1.0	0.0	0.025	48.2	63.4	41.6	75.8	33
40.0	45.0	42.1	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40.0	1.0	0.25	0.0	49.9	59.8	50.3	78.1	40	1.0	0.318	0.0	52.8	54.3	54.3	76.8	45	1.0	0.279	0.0	51.2	57.5	52.1	77.5	42
49.1	52.5	50.5	1.0	0.375	0.0	55.1	49.4	57.2	75.6	49.1	1.0	0.367	0.0	54.8	50.1	56.8	75.8	48	1.0	0.401	0.0	56.9	46.2	59.1	75.0	52	1.0	0.382	0.0	55.7	48.5	57.8	75.4	49
62.6	60.0	58.8	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6	1.0	0.5	0.0	63.5	33.3	64.4	72.5	62	1.0	0.475	0.0	61.8	36.6	63.3	73.1	60	1.0	0.465	0.0	61.1	37.9	62.8	73.4	58
77.4	67.5	67.2	1.0	0.625	0.0	72.5	16.3	73.1	74.9	77.4	1.0	0.617	0.0	71.9	17.6	72.7	74.8	76	1.0	0.537	0.0	66.1	28.6	67.4	73.2	67	1.0	0.534	0.0	65.9	28.9	67.2	73.2	66
89.2	75.0	75.6	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89.2	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89	1.0	0.605	0.0	71.1	19.3	72.0	74.6	75	1.0	0.61	0.0	71.4	18.6	72.3	74.7	75
96.9	82.5	83.9	1.0	0.875	0.0	88.7	−11.0	90.6	91.3	96.9	1.0	0.867	0.0	88.3	−10.1	90.2	90.7	96	1.0	0.674	0.0	76.0	10.8	77.1	77.8	82	1.0	0.689	0.0	77.0	9.0	78.2	78.7	83
100.4	90.0	92.3	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	1.0	1.0	0.0	92.9	−17.4	95.3	96.9	100	1.0	0.763	0.0	82.1	0.0	83.3	83.3	90	1.0	0.8	0.0	84.3	−3.4	85.9	85.9	92
108.8	97.5	101.0	0.875	1.0	0.0	83.7	−27.3	80.1	84.7	108.8	0.883	1.0	0.0	84.4	−26.8	81.2	85.5	108	1.0	0.877	0.0	88.8	−11.0	90.7	91.4	97	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100
120.1	105.0	109.7	0.75	1.0	0.0	74.4	−37.9	65.2	75.5	120.1	0.75	1.0	0.0	74.4	−37.8	65.3	75.5	120	0.932	1.0	0.0	87.9	−23.3	87.2	90.3	105	0.865	1.0	0.0	83.0	−28.3	79.0	84.0	109
130.4	112.5	118.5	0.625	1.0	0.0	67.3	−45.9	53.9	70.9	130.4	0.633	1.0	0.0	67.8	−45.4	54.8	71.2	129	0.84	1.0	0.0	81.2	−30.7	76.2	82.2	112	0.774	1.0	0.0	76.2	−36.1	68.3	77.3	117
139.3	120.0	127.2	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3	0.5	1.0	0.0	61.8	−53.8	46.2	71.0	139	0.752	1.0	0.0	74.5	−37.7	65.5	75.6	120	0.663	1.0	0.0	69.5	−43.7	57.6	72.3	127
142.0	127.5	136.0	0.375	1.0	0.0	60.5	−56.5	44.0	71.6	142.0	0.383	1.0	0.0	60.6	−56.2	44.2	71.6	141	0.667	1.0	0.0	69.7	−43.5	57.9	72.4	127	0.555	1.0	0.0	64.2	−50.5	49.8	71.0	135
145.1	135.0	144.7	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145.1	0.25	1.0	0.0	58.7	−58.9	41.1	71.9	145	0.561	1.0	0.0	64.5	−50.1	50.2	71.0	135	0.265	1.0	0.0	58.9	−58.6	41.5	71.9	144
145.5	142.5	153.4	0.125	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.133	1.0	0.0	58.5	−59.4	40.9	72.2	145	0.377	1.0	0.0	60.5	−56.4	44.1	71.7	142	0.0	1.0	0.558	57.2	−60.1	30.8	67.6	152
145.5	150.0	162.2	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.0	1.0	0.0	58.5	−59.5	40.9	72.2	145	0.0	1.0	0.432	57.2	−61.1	35.3	70.7	150	0.0	1.0	0.755	58.5	−54.9	17.6	57.7	162
146.1	157.5	169.0	0.0	1.0	0.125	57.9	−60.4	40.4	72.7	146.1	0.0	1.0	0.117	58.0	−60.3	40.5	72.7	146	0.0	1.0	0.672	57.7	−57.9	24.6	63.0	157	0.0	1.0	0.797	59.0	−52.6	10.6	53.8	168
147.2	165.0	175.9	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147.2	0.0	1.0	0.25	57.6	−60.5	38.9	72.0	147	0.0	1.0	0.773	58.7	−54.0	14.5	56.0	165	0.0	1.0	0.845	59.6	−49.1	3.5	49.3	175
148.5	172.5	182.7	0.0	1.0	0.375	57.2	−61.5	37.6	72.1	148.5	0.0	1.0	0.367	57.3	−61.4	37.7	72.1	148	0.0	1.0	0.819	59.3	−51.1	7.2	51.7	172	0.0	1.0	0.883	59.8	−46.3	−1.8	46.4	182
151.6	180.0	189.6	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6	0.0	1.0	0.5	57.1	−60.6	32.7	69.0	151	0.0	1.0	0.871	59.9	−46.7	0.0	46.8	180	0.0	1.0	0.916	59.0	−45.6	−7.6	46.3	189
154.2	187.5	196.4	0.0	1.0	0.625	57.3	−59.4	28.6	65.9	154.2	0.0	1.0	0.617	57.3	−59.4	28.9	66.2	154	0.0	1.0	0.904	59.3	−45.9	−5.5	46.3	187	0.0	1.0	[illegible]	58.4	−44.4	−12.6	46.2	195
161.5	195.0	203.2	0.0	1.0	0.75	58.4	−55.1	18.4	58.1	161.5	0.0	1.0	0.75	58.4	−55.0	18.4	58.1	161	0.0	1.0	0.94	58.5	−44.6	−11.9	46.3	195	0.0	1.0	0.977	57.6	−42.3	−18.2	46.2	203
180.5	202.5	210.1	0.0	1.0	0.875	59.9	−46.4	−0.4	46.4	180.5	0.0	1.0	0.867	59.8	−47.1	0.6	47.2	179	0.0	1.0	0.971	57.7	−42.7	−17.2	46.2	202	0.0	0.991	1.0	56.8	−40.3	−22.9	46.5	209
208.3	210.0	216.9	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3	0.0	1.0	1.0	57.1	−40.5	−21.8	46.1	208	0.0	0.989	1.0	56.8	−40.2	−23.2	46.6	210	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216
226.7	217.5	223.8	0.0	0.875	1.0	53.3	−35.2	−37.3	51.3	226.7	0.0	0.883	1.0	53.6	−35.7	−36.3	51.0	225	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	[illegible]	0.0	0.898	1.0	54.0	−36.5	−34.5	50.4	223
243.5	225.0	230.6	0.0	0.75	1.0	52.6	−24.9	−50.1	56.0	243.5	0.0	0.75	1.0	52.7	−24.8	−50.1	56.0	243	0.0	0.887	1.0	53.7	−35.9	−35.9	[illegible]	225	0.0	0.846	1.0	53.2	−33.1	−40.5	52.5	230
248.9	232.5	237.5	0.0	0.625	1.0	49.4	−19.3	−50.3	53.8	248.9	0.0	0.633	1.0	49.6	−19.6	−50.2	54.0	248	0.0	0.836	1.0	53.1	−32.4	[illegible]	52.8	232	0.0	0.798	1.0	52.9	−29.4	−45.4	54.2	237
253.6	240.0	244.3	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6	0.0	0.5	1.0	47.1	−14.6	−50.0	52.2	253	0.0	0.777	1.0	52.8	[illegible]	−47.6	55.0	240	0.0	0.732	1.0	52.2	−24.0	−50.1	55.7	244
256.9	247.5	251.2	0.0	0.375	1.0	45.3	−11.4	−49.7	51.0	256.9	0.0	0.383	1.0	45.4	−11.6	−49.7	51.1	256	0.0	0.671	1.0	[illegible]	−21.3	[illegible]	54.7	247	0.0	0.578	1.0	48.6	−17.5	−50.2	53.2	250
261.2	255.0	258.0	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261.2	0.0	0.25	1.0	43.0	−7.6	−49.6	50.3	261	0.0	0.45	1.0	[illegible]	−13.3	−49.8	51.7	255	0.0	0.344	1.0	44.7	−10.4	−49.7	50.9	258
264.0	262.5	264.8	0.0	0.125	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.133	1.0	41.7	−5.1	−49.0	49.4	263	0.0	[illegible]	[illegible]	42.6	[illegible]	−49.5	50.0	262	0.043	0.0	1.0	41.4	−4.7	−49.0	49.3	264
264.0	270.0	271.7	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.0	1.0	41.6	−5.0	−48.9	49.3	264	[illegible]	0.0	1.0	38.4	0.0	−50.1	50.2	270	0.397	0.0	1.0	38.1	1.5	−49.8	49.9	271
265.1	277.5	278.8	0.125	0.0	1.0	40.9	−4.1	−49.0	49.2	265.1	0.117	0.0	1.0	41.0	−4.2	−49.0	49.3	265	[illegible]	0.0	1.0	37.0	6.0	−48.6	49.0	277	0.484	0.0	1.0	36.7	7.1	−48.2	48.8	278
266.0	285.0	285.9	0.25	0.0	1.0	40.3	−3.3	−49.3	49.4	266.0	0.25	0.0	1.0	40.4	−3.3	−49.2	49.5	[illegible]	0.542	0.0	1.0	36.8	12.4	−46.2	48.0	285	0.55	0.0	1.0	36.8	13.2	−45.9	47.9	285
270.0	292.5	293.0	0.375	0.0	1.0	38.3	0.0	−50.1	50.1	270.0	0.367	0.0	1.0	38.5	−0.1	−50.0	50.1	269	[illegible]	0.0	1.0	37.1	17.7	−43.6	47.2	292	0.602	0.0	1.0	37.2	18.1	−43.4	47.1	292
279.6	300.0	300.1	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6	0.5	0.0	1.0	36.5	8.1	[illegible]	48.6	279	[illegible]	0.0	1.0	38.4	23.4	−40.4	46.8	300	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300
295.4	307.5	307.2	0.625	0.0	1.0	37.3	20.1	−42.2	46.7	295.4	0.617	0.0	1.0	37.3	[illegible]	−42.6	46.9	294	0.706	0.0	1.0	40.0	28.2	−37.4	46.9	307	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306
313.1	315.0	314.3	0.75	0.0	1.0	41.4	32.1	−34.2	46.9	313.1	0.75	0.0	1.0	[illegible]	[illegible]	−34.2	[illegible]	313	[illegible]	0.0	1.0	41.8	33.7	−33.6	47.7	315	0.758	0.0	1.0	41.7	33.2	−33.8	47.4	314
332.4	322.5	321.4	0.875	0.0	1.0	45.7	48.0	−25.0	54.1	332.4	0.867	0.0	1.0	[illegible]	47.0	[illegible]	53.7	331	[illegible]	0.0	1.0	43.4	39.6	−30.9	50.3	322	0.801	0.0	1.0	43.2	38.8	−31.3	49.9	321
351.5	330.0	328.6	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	1.0	0.0	[illegible]	50.2	[illegible]	−10.4	71.9	[illegible]	0.859	0.0	1.0	45.2	46.1	−26.5	53.3	330	0.85	0.0	1.0	44.9	45.0	−27.4	52.8	328
354.0	337.5	335.7	1.0	0.0	0.875	48.7	74.0	−7.7	74.4	354.0	1.0	0.0	0.883	48.8	73.9	−7.8	[illegible]	353	0.905	0.0	1.0	46.8	53.8	−22.7	58.4	337	0.893	0.0	1.0	46.4	51.6	−23.7	56.8	335
358.5	345.0	342.8	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358.5	1.0	0.0	0.75	48.3	72.7	[illegible]	72.7	358	0.957	0.0	1.0	48.7	63.6	−16.9	65.8	345	0.943	0.0	1.0	48.2	61.0	−18.7	63.8	342
364.5	352.5	349.9	1.0	0.0	0.625	48.3	70.3	5.5	70.5	364.5	1.0	0.0	0.633	48.4	70.5	5.1	70.7	364	1.0	0.0	0.979	49.9	71.6	−10.0	72.3	352	0.986	0.0	1.0	49.7	68.8	−12.7	69.9	349
369.8	360.0	357.0	1.0	0.0	0.5	48.3	68.4	11.9	69.5	369.8	1.0	0.0	0.5	[illegible]	68.5	11.9	69.5	369	1.0	0.0	0.72	48.3	72.2	0.0	72.2	360	1.0	0.0	0.976	49.9	71.7	−9.9	72.4	352
377.3	367.5	364.1	1.0	0.0	0.375	48.4	65.6	20.4	68.8	377.3	1.0	0.0	0.383	48.5	65.9	19.9	68.9	376	1.0	0.0	0.567	48.4	69.5	8.5	70.1	367	1.0	0.0	0.723	48.3	72.3	−0.1	72.3	359
384.8	375.0	371.2	1.0	0.0	0.25	48.3	64.2	29.8	70.8	384.8	1.0	0.0	0.25	48.3	64.3	29.8	70.9	384	1.0	0.0	0.414	48.4	66.7	17.9	69.0	375	1.0	0.0	0.526	48.4	68.9	10.6	69.7	368
390.8	382.5	378.3	1.0	0.0	0.125	48.4	63.4	37.8	73.8	390.8	1.0	0.0	0.133	48.5	63.5	37.3	73.7	390	1.0	0.0	0.298	48.4	65.0	26.3	70.1	382	1.0	0.0	0.388	48.5	66.0	19.6	68.9	376
393.8	390.0	385.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	393.8	1.0	0.0	0.0	48.1	63.3	42.5	76.3	393	1.0	0.0	0.143	48.5	63.6	36.7	73.4	390	1.0	0.0	0.237	48.3	64.2	30.6	71.2	385

rgb*dd rgb*ds rgb*de

no continues hue change of device near $h_{ab,d}$ = 145, 264
or rgb*d = 0.125, 1.0, 0.0, 0.0, 0.125, 1.0
appropriate correction done

RE710−70 1−003734−L0 LAB*la0, YN=0%, XYZnw=2.0, 2.1, 2.1, 85.9, 90.9, 95.1, LAB*nw=15.8, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 8/33

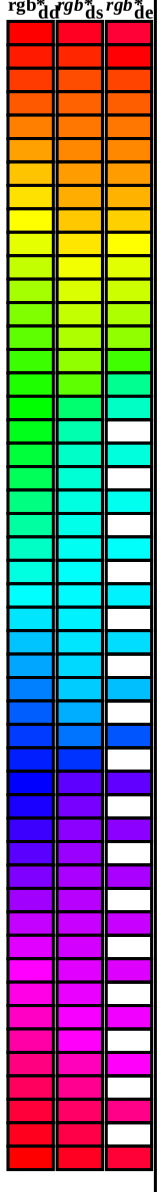
TUB-test chart RE71; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb−LabCh**tables
input: *rgb/cmyk* −> *rgb*d
output: transfer to *rgb*d

1−003734−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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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)				
33.8	30.0	25.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
35.6	37.5	33.8	1.0	0.125	0.0	48.8	62.0	44.3	76.2	35.6
40.0	45.0	42.1	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40.0
49.1	52.5	50.5	1.0	0.375	0.0	55.1	49.4	57.2	75.6	49.1
62.6	60.0	58.8	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
77.4	67.5	67.2	1.0	0.625	0.0	72.5	16.3	73.1	74.9	77.4
89.2	75.0	75.6	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89.2
96.9	82.5	83.9	1.0	0.875	0.0	88.7	−11.0	90.6	91.3	96.9
100.4	90.0	92.3	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
108.8	97.5	101.0	0.875	1.0	0.0	83.7	−27.3	80.1	84.7	108.8
120.1	105.0	109.7	0.75	1.0	0.0	74.4	−37.9	65.2	75.5	120.1
130.4	112.5	118.5	0.625	1.0	0.0	67.3	−45.9	53.9	70.9	130.4
139.3	120.0	127.2	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
142.0	127.5	136.0	0.375	1.0	0.0	60.5	−56.5	44.0	71.6	142.0
145.1	135.0	144.7	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145.1
145.5	142.5	153.4	0.125	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
145.5	150.0	162.2	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
146.1	157.5	169.0	0.0	1.0	0.125	57.9	−60.4	40.4	72.7	146.1
147.2	165.0	175.9	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147.2
148.5	172.5	182.7	0.0	1.0	0.375	57.2	−61.5	37.6	72.1	148.5
151.6	180.0	189.6	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
154.2	187.5	196.4	0.0	1.0	0.625	57.3	−59.4	28.6	65.9	154.2
161.5	195.0	203.2	0.0	1.0	0.75	58.4	−55.1	18.4	58.1	161.5
180.5	202.5	210.1	0.0	1.0	0.875	59.9	−46.4	−0.4	46.4	180.5
208.3	210.0	216.9	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
226.7	217.5	223.8	0.0	0.875	1.0	53.3	−35.2	−37.3	51.3	226.7
243.5	225.0	230.6	0.0	0.75	1.0	52.6	−24.9	−50.1	56.0	243.5
248.9	232.5	237.5	0.0	0.625	1.0	49.4	−19.3	−50.3	53.8	248.9
253.6	240.0	244.3	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
256.9	247.5	251.2	0.0	0.375	1.0	45.3	−11.4	−49.7	51.0	256.9
261.2	255.0	258.0	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261.2
264.0	262.5	264.8	0.0	0.125	1.0	41.5	−5.0	−49.0	49.2	264.0
264.0	270.0	271.7	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
265.1	277.5	278.8	0.125	0.0	1.0	40.9	−4.1	−49.0	49.2	265.1
266.0	285.0	285.9	0.25	0.0	1.0	40.3	−3.3	−49.3	49.4	266.0
270.0	292.5	293.0	0.375	0.0	1.0	38.3	0.0	−50.1	50.1	270.0
279.6	300.0	300.1	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
295.4	307.5	307.2	0.625	0.0	1.0	37.3	20.1	−42.2	46.7	295.4
313.1	315.0	314.3	0.75	0.0	1.0	41.4	32.1	−34.2	46.9	313.1
332.4	322.5	321.4	0.875	0.0	1.0	45.7	48.0	−25.0	54.1	332.4
351.5	330.0	328.6	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
354.0	337.5	335.7	1.0	0.0	0.875	48.7	74.0	−7.7	74.4	354.0
358.5	345.0	342.8	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358.5
364.5	352.5	349.9	1.0	0.0	0.625	48.3	70.3	5.5	70.5	364.5
369.8	360.0	357.0	1.0	0.0	0.5	48.3	68.4	11.9	69.5	369.8
377.3	367.5	364.1	1.0	0.0	0.375	48.4	65.6	20.4	68.8	377.3
384.8	375.0	371.2	1.0	0.0	0.25	48.3	64.2	29.8	70.8	384.8
390.8	382.5	378.3	1.0	0.0	0.125	48.4	63.4	37.8	73.8	390.8
393.8	390.0	385.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	393.8

	*rgb** dex361M			*LAB** dex361M				
33.8	1.0	0.0	0.237	48.3	64.2	30.6	71.2	25
35.6	1.0	0.0	0.025	48.2	63.4	41.6	75.8	33
40.0	1.0	0.279	0.0	51.2	57.5	52.1	77.5	42
49.1	1.0	0.382	0.0	55.7	48.5	57.8	75.4	49
62.6	1.0	0.465	0.0	61.1	37.9	62.8	73.4	58
77.4	1.0	0.534	0.0	65.9	28.9	67.2	73.2	66
89.2	1.0	0.61	0.0	71.4	18.6	72.3	74.7	75
96.9	1.0	0.689	0.0	77.0	9.0	78.2	78.7	83
100.4	1.0	0.8	0.0	84.3	−3.4	85.9	85.9	92
108.8	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100
120.1	0.865	1.0	0.0	83.0	−28.3	79.0	84.0	109
130.4	0.774	1.0	0.0	76.2	−36.1	68.3	77.3	117
139.3	0.663	1.0	0.0	69.5	−43.7	57.6	72.3	127
142.0	0.555	1.0	0.0	64.2	−50.5	49.8	71.0	135
145.1	0.265	1.0	0.0	58.9	−58.6	41.5	71.9	144
145.5	0.0	1.0	0.558	57.2	−60.1	30.8	67.6	152
161.5	0.0	1.0	0.755	58.5	−54.9	17.6	57.7	162
	0.0	1.0	0.797	59.0	−52.6	10.6	53.8	168
	0.0	1.0	0.845	59.6	−49.1	3.5	49.3	175
180.5	0.0	1.0	0.883	59.8	−46.3	−1.8	46.4	182
	0.0	1.0	0.916	59.0	−45.6	−7.6	46.3	189
	0.0	1.0	0.944	58.4	−44.4	−12.6	46.2	195
	0.0	1.0	0.97[illegible]	57.6	−42.3	−18.2	46.2	203
208.3	0.0	0.9[illegible]	1.0	56.8	−40.3	−22.9	46.5	209
	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216
226.7	0.0	0.898	1.0	54.0	−36.5	−34.5	50.4	223
	0.0	0.846	1.0	53.2	−33.1	−40.5	52.5	230
	0.0	0.798	1.0	52.9	−29.4	−45.4	54.2	237
243.5	0.0	0.732	1.0	52.2	−24.0	−50.1	55.7	244
248.9	0.0	0.578	1.0	48.6	−17.5	−50.2	53.2	250
253.6	0.0	0.344	1.0	44.7	−10.4	−49.7	50.9	258
256.9	0.043	0.0	1.0	41.4	−4.7	−49.0	49.3	264
261.2	0.397	0.0	1.0	38.1	1.5	−49.8	49.9	271
264.0	0.484	0.0	1.0	36.7	7.1	−48.2	48.8	278
279.6	0.55	0.0	1.0	36.8	13.2	−45.9	47.9	285
	0.602	0.0	1.0	37.2	18.1	−43.4	47.1	292
295.4	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300
	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306
313.1	0.758	0.0	1.0	41.7	33.2	−33.8	47.4	314
	0.801	0.0	1.0	43.2	38.8	−31.3	49.9	321
	0.85	0.0	1.0	44.9	45.0	−27.4	52.8	328
332.4	0.893	0.0	1.0	46.4	51.6	−23.7	56.8	335
	0.943	0.0	1.0	48.2	61.0	−18.7	63.8	342
	0.986	0.0	1.0	49.7	68.8	−12.7	69.9	349
351.5	1.0	0.0	0.976	49.9	71.7	−9.9	72.4	352
354.0								
358.5	1.0	0.0	0.723	48.3	72.3	−0.1	72.3	359
364.5	1.0	0.0	0.526	48.4	68.9	10.6	69.7	368
369.8	1.0	0.0	0.388	48.5	66.0	19.6	68.9	376
	1.0	0.0	0.237	48.3	64.2	30.6	71.2	385



no continues hue change of device near $h_{ab,d}$ = 145, 264
or *rgb$_d$ = 0.125, 1.0, 0.0; 0.0, 0.125, 1.0**
appropriate correction done

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb−LabCh**tables

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

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)
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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					R_d	*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					R_s	*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					R_e	*rgb**dd361Mi			*rgb**$_{dd}$	*rgb**$_{ds}$	*rgb**$_{de}$
33	30	25	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33		1.0	0.0	0.143	48.5	63.6	36.7	73.4	30		1.0	0.0	0.0	1.0	0.0	0.237	48.3	64.2	30.6	71.2	25		1.0	0.0	0.0			
34	31	26	1.0	0.016	0.0	48.2	63.1	42.7	76.2	34		1.0	0.0	0.119	48.5	63.4	38.1	74.0	31		1.0	0.017	0.0	1.0	0.0	0.214	48.4	64.1	32.1	71.7	26		1.0	0.017	0.0			
34	32	27	1.0	0.033	0.0	48.3	62.9	43.0	76.2	34		1.0	0.0	0.077	48.3	63.4	39.6	74.8	32		1.0	0.033	0.0	1.0	0.0	0.191	48.4	64.0	33.6	72.3	27		1.0	0.033	0.0			
34	33	28	1.0	0.05	0.0	48.4	62.8	43.2	76.2	34		1.0	0.0	0.036	48.2	63.4	41.2	75.6	33		1.0	0.05	0.0	1.0	0.0	0.167	48.4	63.8	35.1	72.8	28		1.0	0.05	0.0			
34	34	29	1.0	0.066	0.0	48.4	62.6	43.5	76.2	34		1.0	0.009	0.0	48.2	63.2	42.7	76.3	34		1.0	0.067	0.0	1.0	0.0	0.144	48.5	63.6	36.6	73.4	29		1.0	0.067	0.0			
35	35	31	1.0	0.083	0.0	48.5	62.4	43.7	76.2	35		1.0	0.082	0.0	48.6	62.5	43.7	76.3	35		1.0	0.083	0.0	1.0	0.0	0.117	48.5	63.4	38.2	74.0	31		1.0	0.083	0.0			
35	36	32	1.0	0.1	0.0	48.6	62.2	44.0	76.2	35		1.0	0.136	0.0	48.9	61.8	44.9	76.4	36		1.0	0.1	0.0	1.0	0.0	0.071	48.3	63.4	39.9	74.9	32		1.0	0.1	0.0			
35	37	33	1.0	0.116	0.0	48.7	62.0	44.2	76.2	35		1.0	0.164	0.0	49.2	61.4	46.2	76.8	37		1.0	0.117	0.0	1.0	0.0	0.025	48.2	63.4	41.6	75.8	33		1.0	0.117	0.0			
35	38	34	1.0	0.133	0.0	48.8	61.8	44.7	76.3	35		1.0	0.193	0.0	49.4	60.9	47.6	77.3	38		1.0	0.133	0.0	1.0	0.037	0.0	48.3	63.0	43.1	76.3	34		1.0	0.133	0.0			
36	39	35	1.0	0.15	0.0	49.0	61.6	45.5	76.6	36		1.0	0.221	0.0	49.7	60.4	48.9	77.7	39		1.0	0.15	0.0	1.0	0.118	0.0	48.8	62.1	44.3	76.3	35		1.0	0.15	0.0			
37	40	36	1.0	0.166	0.0	49.1	61.3	46.3	76.8	37		1.0	0.249	0.0	49.9	59.8	50.2	78.1	40		1.0	0.167	0.0	1.0	0.154	0.0	49.1	61.6	45.7	76.7	36		1.0	0.167	0.0			
37	41	37	1.0	0.183	0.0	49.3	61.0	47.1	77.1	37		1.0	0.263	0.0	50.5	58.8	51.1	77.9	41		1.0	0.183	0.0	1.0	0.185	0.0	49.4	61.0	47.2	77.2	37		1.0	0.183	0.0			
38	42	38	1.0	0.2	0.0	49.4	60.7	47.9	77.3	38		1.0	0.277	0.0	51.1	57.7	51.9	77.6	42		1.0	0.2	0.0	1.0	0.216	0.0	49.6	60.5	48.7	77.6	38		1.0	0.2	0.0			
38	43	39	1.0	0.216	0.0	49.6	60.4	48.7	77.6	38		1.0	0.29	0.0	51.6	56.6	52.7	77.3	43		1.0	0.217	0.0	1.0	0.248	0.0	49.9	59.9	50.2	78.1	39		1.0	0.217	0.0			
39	44	41	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39		1.0	0.304	0.0	52.2	55.4	53.5	77.0	44		1.0	0.233	0.0	1.0	0.264	0.0	50.5	58.7	51.2	77.9	41		1.0	0.233	0.0			
40	45	42	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40		1.0	0.318	0.0	52.8	54.3	54.3	76.8	45		1.0	0.25	0.0	1.0	0.279	0.0	51.2	57.5	52.1	77.5	42		1.0	0.25	0.0			
41	46	43	1.0	0.266	0.0	50.6	58.4	51.3	77.8	41		1.0	0.331	0.0	53.4	53.1	55.0	76.5	46		1.0	0.267	0.0	1.0	0.295	0.0	51.8	56.2	53.0	77.2	43		1.0	0.267	0.0			
42	47	44	1.0	0.283	0.0	51.3	57.1	52.3	77.4	42		1.0	0.345	0.0	53.9	52.0	55.7	76.2	47		1.0	0.283	0.0	1.0	0.31	0.0	52.5	55.0	53.8	76.9	44		1.0	0.283	0.0			
43	48	45	1.0	0.3	0.0	52.0	55.7	53.2	77.1	43		1.0	0.359	0.0	54.5	50.8	56.4	76.0	48		1.0	0.3	0.0	1.0	0.325	0.0	53.1	53.7	54.7	76.6	45		1.0	0.3	0.0			
44	49	46	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44		1.0	0.372	0.0	55.1	49.6	57.1	75.7	49		1.0	0.317	0.0	1.0	0.34	0.0	53.7	52.4	55.5	76.3	46		1.0	0.317	0.0			
46	50	47	1.0	0.333	0.0	53.4	52.9	55.1	76.4	46		1.0	0.382	0.0	55.7	48.5	57.8	75.4	50		1.0	0.333	0.0	1.0	0.355	0.0	54.4	51.1	56.3	76.0	47		1.0	0.333	0.0			
47	51	48	1.0	0.35	0.0	54.1	51.5	56.0	76.1	47		1.0	0.392	0.0	56.3	47.3	58.4	75.2	51		1.0	0.35	0.0	1.0	0.371	0.0	55.0	49.8	57.0	75.7	48		1.0	0.35	0.0			
48	52	49	1.0	0.366	0.0	54.8	50.1	56.8	75.7	48		1.0	0.401	0.0	56.9	46.2	59.1	75.0	52		1.0	0.367	0.0	1.0	0.382	0.0	55.7	48.5	57.8	75.4	49		1.0	0.367	0.0			
50	53	51	1.0	0.383	0.0	55.7	48.3	57.8	75.4	50		1.0	0.41	0.0	57.5	45.0	59.7	74.7	53		1.0	0.383	0.0	1.0	0.393	0.0	56.4	47.2	58.5	75.2	51		1.0	0.383	0.0			
51	54	52	1.0	0.4	0.0	56.8	46.2	59.0	74.9	51		1.0	0.42	0.0	58.1	43.8	60.3	74.5	54		1.0	0.4	0.0	1.0	0.403	0.0	57.0	45.9	59.2	74.9	52		1.0	0.4	0.0			
53	55	53	1.0	0.416	0.0	57.9	44.1	60.0	74.5	53		1.0	0.429	0.0	58.8	42.6	60.8	74.3	55		1.0	0.417	0.0	1.0	0.413	0.0	57.7	44.6	59.9	74.7	53		1.0	0.417	0.0			
55	56	54	1.0	0.433	0.0	59.0	42.0	61.1	74.1	55		1.0	0.438	0.0	59.4	41.4	61.4	74.0	56		1.0	0.433	0.0	1.0	0.424	0.0	58.4	43.3	60.5	74.4	54		1.0	0.433	0.0			
57	57	55	1.0	0.45	0.0	60.1	39.8	62.0	73.7	57		1.0	0.447	0.0	60.0	40.2	61.9	73.8	57		1.0	0.45	0.0	1.0	0.434	0.0	59.1	41.9	61.1	74.1	55		1.0	0.45	0.0			
59	58	56	1.0	0.466	0.0	61.2	37.6	62.8	73.3	59		1.0	0.457	0.0	60.6	39.0	62.4	73.6	58		1.0	0.467	0.0	1.0	0.444	0.0	59.8	40.6	61.7	73.9	56		1.0	0.467	0.0			
60	59	57	1.0	0.483	0.0	62.3	35.4	63.6	72.8	60		1.0	0.466	0.0	61.2	37.8	62.9	73.3	59		1.0	0.483	0.0	1.0	0.455	0.0	60.5	39.2	62.3	73.6	57		1.0	0.483	0.0			
62	60	58	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62		1.0	0.475	0.0	61.8	36.6	63.3	73.1	60		1.0	0.5	0.0	1.0	0.465	0.0	61.1	37.9	62.8	73.4	58		1.0	0.5	0.0			
64	61	60	1.0	0.516	0.0	64.6	31.1	65.7	72.8	64		1.0	0.484	0.0	62.4	35.3	63.7	72.9	61		1.0	0.517	0.0	1.0	0.475	0.0	61.8	36.5	63.3	73.1	60		1.0	0.517	0.0			
66	62	61	1.0	0.533	0.0	65.8	29.0	67.1	73.1	66		1.0	0.494	0.0	63.1	34.1	64.1	72.6	62		1.0	0.533	0.0	1.0	0.486	0.0	62.5	35.2	63.8	72.8	61		1.0	0.533	0.0			
68	63	62	1.0	0.55	0.0	67.1	26.8	68.3	73.4	68		1.0	0.503	0.0	63.7	32.9	64.6	72.5	63		1.0	0.55	0.0	1.0	0.496	0.0	63.2	33.8	64.2	72.6	62		1.0	0.55	0.0			
70	64	63	1.0	0.566	0.0	68.3	24.5	69.5	73.8	70		1.0	0.511	0.0	64.3	31.9	65.3	72.7	64		1.0	0.567	0.0	1.0	0.506	0.0	63.9	32.6	64.9	72.6	63		1.0	0.567	0.0			
72	65	64	1.0	0.583	0.0	69.5	22.2	70.7	74.1	72		1.0	0.52	0.0	64.9	30.8	66.0	72.9	65		1.0	0.583	0.0	1.0	0.515	0.0	64.6	31.4	65.7	72.8	64		1.0	0.583	0.0			
74	66	65	1.0	0.6	0.0	70.7	19.9	71.7	74.4	74		1.0	0.528	0.0	65.5	29.7	66.7	73.0	66		1.0	0.6	0.0	1.0	0.525	0.0	65.3	30.2	66.4	73.0	65		1.0	0.6	0.0			
76	67	66	1.0	0.616	0.0	71.9	17.5	72.7	74.8	76		1.0	0.537	0.0	66.1	28.6	67.4	73.2	67		1.0	0.617	0.0	1.0	0.534	0.0	65.9	28.9	67.2	73.2	66		1.0	0.617	0.0			
78	68	67	1.0	0.633	0.0	73.1	15.4	73.8	75.4	78		1.0	0.545	0.0	66.7	27.5	68.0	73.4	68		1.0	0.633	0.0	1.0	0.543	0.0	66.6	27.7	67.9	73.3	67		1.0	0.633	0.0			
79	69	68	1.0	0.65	0.0	74.3	13.5	75.2	76.4	79		1.0	0.554	0.0	67.4	26.4	68.7	73.5	69		1.0	0.65	0.0	1.0	0.553	0.0	67.3	26.4	68.6	73.5	68		1.0	0.65	0.0			
81	70	70	1.0	0.666	0.0	75.4	11.6	76.5	77.4	81		1.0	0.562	0.0	68.0	25.2	69.3	73.7	70		1.0	0.667	0.0	1.0	0.562	0.0	68.0	25.2	69.3	73.7	70		1.0	0.667	0.0			
82	71	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82		1.0	0.571	0.0	68.6	24.1	69.9	73.9	71		1.0	0.683	0.0	1.0	0.572	0.0	68.7	23.9	69.9	73.9	71		1.0	0.683	0.0			
84	72	72	1.0	0.7	0.0	77.8	7.6	79.0	79.3	84		1.0	0.579	0.0	69.2	22.9	70.4	74.1	72		1.0	0.7	0.0	1.0	0.581	0.0	69.4	22.6	70.6	74.1	72		1.0	0.7	0.0			
86	73	73	1.0	0.716	0.0	79.0	5.5	80.1	80.3	86		1.0	0.588	0.0	69.8	21.7	71.0	74.2	73		1.0	0.717	0.0	1.0	0.591	0.0	70.1	21.3	71.2	74.3	73		1.0	0.717	0.0			
87	74	74	1.0	0.733	0.0	80.1	3.3	81.2	81.3	87		1.0	0.596	0.0	70.5	20.5	71.5	74.4	74		1.0	0.733	0.0	1.0	0.6	0.0	70.8	19.9	71.8	74.5	74		1.0	0.733	0.0			
89	75	75	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89		1.0	0.605	0.0	71.1	19.3	72.0	74.6	75		1.0	0.75	0.0	1.0	0.61	0.0	71.4	18.6	72.3	74.7	75		1.0	0.75	0.0			

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb−LabCh**tables

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

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)
TUB material: code=rha4ta

1−003934−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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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
89	75	75	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89		1.0	0.605	0.0	71.1	19.3	72.0	74.6	75		1.0	0.75	0.0	1.0	0.61	0.0	71.4	18.6	72.3	74.7	75		1.0	0.75	0.0			
90	76	76	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90		1.0	0.613	0.0	71.7	18.1	72.5	74.7	76		1.0	0.767	0.0	1.0	0.619	0.0	72.1	17.2	72.9	74.9	76		1.0	0.767	0.0			
91	77	77	1.0	0.783	0.0	83.3	−1.8	84.7	84.7	91		1.0	0.622	0.0	72.3	16.9	73.0	74.9	77		1.0	0.783	0.0	1.0	0.629	0.0	72.9	15.9	73.5	75.2	77		1.0	0.783	0.0			
92	78	78	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92		1.0	0.631	0.0	73.0	15.7	73.7	75.3	78		1.0	0.8	0.0	1.0	0.641	0.0	73.7	14.6	74.5	75.9	78		1.0	0.8	0.0			
93	79	80	1.0	0.816	0.0	85.3	−5.0	86.9	87.1	93		1.0	0.642	0.0	73.7	14.5	74.6	76.0	79		1.0	0.817	0.0	1.0	0.653	0.0	74.5	13.2	75.5	76.6	80		1.0	0.817	0.0			
94	80	81	1.0	0.833	0.0	86.2	−6.7	88.0	88.3	94		1.0	0.652	0.0	74.5	13.3	75.4	76.6	80		1.0	0.833	0.0	1.0	0.665	0.0	75.4	11.9	76.4	77.3	81		1.0	0.833	0.0			
95	81	82	1.0	0.85	0.0	87.2	−8.4	89.1	89.5	95		1.0	0.663	0.0	75.2	12.1	76.3	77.2	81		1.0	0.85	0.0	1.0	0.677	0.0	76.2	10.5	77.3	78.0	82		1.0	0.85	0.0			
96	82	83	1.0	0.866	0.0	88.2	−10.1	90.1	90.7	96		1.0	0.674	0.0	76.0	10.8	77.1	77.8	82		1.0	0.867	0.0	1.0	0.689	0.0	77.0	9.0	78.2	78.7	83		1.0	0.867	0.0			
97	83	84	1.0	0.883	0.0	89.0	−11.4	90.9	91.7	97		1.0	0.684	0.0	76.7	9.6	77.9	78.5	83		1.0	0.883	0.0	1.0	0.7	0.0	77.9	7.6	79.0	79.4	84		1.0	0.883	0.0			
97	84	85	1.0	0.9	0.0	89.5	−12.2	91.6	92.4	97		1.0	0.695	0.0	77.5	8.3	78.7	79.1	84		1.0	0.9	0.0	1.0	0.712	0.0	78.7	6.1	79.9	80.1	85		1.0	0.9	0.0			
98	85	86	1.0	0.916	0.0	90.1	−13.1	92.2	93.1	98		1.0	0.705	0.0	78.2	6.9	79.4	79.7	85		1.0	0.917	0.0	1.0	0.724	0.0	79.5	4.6	80.7	80.8	86		1.0	0.917	0.0			
98	86	87	1.0	0.933	0.0	90.6	−14.0	92.8	93.9	98		1.0	0.716	0.0	79.0	5.6	80.1	80.3	86		1.0	0.933	0.0	1.0	0.736	0.0	80.3	3.0	81.4	81.5	87		1.0	0.933	0.0			
99	87	88	1.0	0.95	0.0	91.2	−14.8	93.4	94.6	99		1.0	0.727	0.0	79.7	4.2	80.8	81.0	87		1.0	0.95	0.0	1.0	0.748	0.0	81.2	1.5	82.2	82.2	88		1.0	0.95	0.0			
99	88	90	1.0	0.966	0.0	91.7	−15.7	94.0	95.4	99		1.0	0.737	0.0	80.4	2.8	81.5	81.6	88		1.0	0.967	0.0	1.0	0.764	0.0	82.2	0.0	83.4	83.4	90		1.0	0.967	0.0			
99	89	91	1.0	0.983	0.0	92.3	−16.6	94.6	96.1	99		1.0	0.748	0.0	81.2	1.4	82.2	82.2	89		1.0	0.983	0.0	1.0	0.782	0.0	83.3	−1.7	84.6	84.7	91		1.0	0.983	0.0			
100	90	92	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100	Y_d	1.0	0.763	0.0	82.1	0.0	83.3	83.3	90	Y_s	1.0	1.0	0.0	1.0	0.8	0.0	84.3	−3.4	85.9	85.9	92	Y_e	1.0	1.0	0.0			
101	91	93	0.983	1.0	0.0	91.6	−19.0	93.3	95.2	101		1.0	0.779	0.0	83.1	−1.4	84.4	84.4	91		0.983	1.0	0.0	1.0	0.819	0.0	85.4	−5.2	87.1	87.3	93		0.983	1.0	0.0			
102	92	94	0.966	1.0	0.0	90.4	−20.5	91.3	93.6	102		1.0	0.795	0.0	84.0	−2.9	85.5	85.6	92		0.967	1.0	0.0	1.0	0.838	0.0	86.6	−7.1	88.4	88.7	94		0.967	1.0	0.0			
103	93	95	0.95	1.0	0.0	89.2	−21.9	89.3	92.0	103		1.0	0.811	0.0	85.0	−4.4	86.6	86.7	93		0.95	1.0	0.0	1.0	0.857	0.0	87.7	−9.0	89.5	90.0	95		0.95	1.0	0.0			
104	94	96	0.933	1.0	0.0	88.0	−23.2	87.3	90.4	104		1.0	0.827	0.0	85.9	−6.0	87.7	87.9	94		0.933	1.0	0.0	1.0	0.876	0.0	88.8	−11.0	90.7	91.4	96		0.933	1.0	0.0			
106	95	98	0.916	1.0	0.0	86.8	−24.5	85.3	88.7	106		1.0	0.844	0.0	86.9	−7.7	88.7	89.1	95		0.917	1.0	0.0	1.0	0.918	0.0	90.2	−13.1	92.3	93.2	98		0.917	1.0	0.0			
107	96	99	0.9	1.0	0.0	85.5	−25.7	83.2	87.1	107		1.0	0.86	0.0	87.9	−9.3	89.7	90.2	96		0.9	1.0	0.0	1.0	0.96	0.0	91.5	−15.3	93.8	95.1	99		0.9	1.0	0.0			
108	97	100	0.883	1.0	0.0	84.3	−26.8	81.2	85.5	108		1.0	0.877	0.0	88.8	−11.0	90.7	91.4	97		0.883	1.0	0.0	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100		0.883	1.0	0.0			
109	98	101	0.866	1.0	0.0	83.1	−28.2	79.2	84.1	109		1.0	0.913	0.0	90.0	−12.8	92.1	93.0	98		0.867	1.0	0.0	0.982	1.0	0.0	91.6	−19.1	93.2	95.2	101		0.867	1.0	0.0			
111	99	102	0.85	1.0	0.0	81.9	−29.8	77.3	82.8	111		1.0	0.949	0.0	91.2	−14.7	93.4	94.6	99		0.85	1.0	0.0	0.965	1.0	0.0	90.3	−20.6	91.1	93.5	102		0.85	1.0	0.0			
112	100	103	0.833	1.0	0.0	80.6	−31.4	75.3	81.6	112		1.0	0.985	0.0	92.3	−16.6	94.7	96.2	100		0.833	1.0	0.0	0.948	1.0	0.0	89.0	−22.1	89.1	91.8	103		0.833	1.0	0.0			
114	101	105	0.816	1.0	0.0	79.4	−32.8	73.4	80.4	114		0.992	1.0	0.0	92.2	−18.2	94.3	96.1	101		0.817	1.0	0.0	0.93	1.0	0.0	87.8	−23.4	87.0	90.1	105		0.817	1.0	0.0			
115	102	106	0.8	1.0	0.0	78.1	−34.2	71.4	79.1	115		0.977	1.0	0.0	91.2	−19.6	92.6	94.6	102		0.8	1.0	0.0	0.913	1.0	0.0	86.5	−24.7	84.9	88.4	106		0.8	1.0	0.0			
117	103	107	0.783	1.0	0.0	76.9	−35.5	69.3	77.9	117		0.962	1.0	0.0	90.1	−20.9	90.8	93.2	103		0.783	1.0	0.0	0.896	1.0	0.0	85.3	−25.9	82.7	86.7	107		0.783	1.0	0.0			
118	104	108	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118		0.947	1.0	0.0	89.0	−22.1	89.0	91.7	104		0.767	1.0	0.0	0.878	1.0	0.0	84.0	−27.1	80.6	85.1	108		0.767	1.0	0.0			
120	105	109	0.75	1.0	0.0	74.4	−37.9	65.2	75.5	120		0.932	1.0	0.0	87.9	−23.3	87.2	90.3	105		0.75	1.0	0.0	0.865	1.0	0.0	83.0	−28.3	79.0	84.0	109		0.75	1.0	0.0			
121	106	110	0.733	1.0	0.0	73.4	−39.1	63.8	74.8	121		0.917	1.0	0.0	86.9	−24.4	85.4	88.9	106		0.733	1.0	0.0	0.852	1.0	0.0	82.0	−29.6	77.5	83.0	110		0.733	1.0	0.0			
122	107	112	0.716	1.0	0.0	72.5	−40.3	62.3	74.2	122		0.903	1.0	0.0	85.8	−25.5	83.6	87.4	107		0.717	1.0	0.0	0.839	1.0	0.0	81.1	−30.8	76.0	82.1	112		0.717	1.0	0.0			
124	108	113	0.7	1.0	0.0	71.5	−41.4	60.8	73.6	124		0.888	1.0	0.0	84.7	−26.5	81.8	86.0	108		0.7	1.0	0.0	0.826	1.0	0.0	80.1	−32.0	74.5	81.1	113		0.7	1.0	0.0			
125	109	114	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125		0.873	1.0	0.0	83.7	−27.4	80.0	84.6	109		0.683	1.0	0.0	0.813	1.0	0.0	79.1	−33.1	73.0	80.2	114		0.683	1.0	0.0			
126	110	115	0.666	1.0	0.0	69.6	−43.5	57.8	72.4	126		0.862	1.0	0.0	82.8	−28.6	78.7	83.8	110		0.667	1.0	0.0	0.8	1.0	0.0	78.2	−34.1	71.4	79.2	115		0.667	1.0	0.0			
128	111	116	0.65	1.0	0.0	68.7	−44.5	56.3	71.8	128		0.851	1.0	0.0	82.0	−29.6	77.5	83.0	111		0.65	1.0	0.0	0.787	1.0	0.0	77.2	−35.2	69.9	78.2	116		0.65	1.0	0.0			
129	112	117	0.633	1.0	0.0	67.7	−45.5	54.7	71.2	129		0.84	1.0	0.0	81.2	−30.7	76.2	82.2	112		0.633	1.0	0.0	0.774	1.0	0.0	76.2	−36.1	68.3	77.3	117		0.633	1.0	0.0			
131	113	119	0.616	1.0	0.0	66.9	−46.5	53.5	70.9	131		0.829	1.0	0.0	80.3	−31.7	74.9	81.3	113		0.617	1.0	0.0	0.761	1.0	0.0	75.3	−37.0	66.7	76.3	119		0.617	1.0	0.0			
132	114	120	0.6	1.0	0.0	66.2	−47.6	52.5	70.9	132		0.818	1.0	0.0	79.5	−32.7	73.6	80.5	114		0.6	1.0	0.0	0.748	1.0	0.0	74.3	−37.9	65.2	75.4	120		0.6	1.0	0.0			
133	115	121	0.583	1.0	0.0	65.4	−48.7	51.5	70.9	133		0.807	1.0	0.0	78.7	−33.6	72.2	79.7	115		0.583	1.0	0.0	0.734	1.0	0.0	73.5	−39.0	63.9	74.9	121		0.583	1.0	0.0			
134	116	122	0.566	1.0	0.0	64.7	−49.8	50.5	70.9	134		0.796	1.0	0.0	77.9	−34.5	70.9	78.9	116		0.567	1.0	0.0	0.72	1.0	0.0	72.7	−40.0	62.7	74.4	122		0.567	1.0	0.0			
135	117	123	0.55	1.0	0.0	63.9	−50.8	49.4	70.9	135		0.785	1.0	0.0	77.0	−35.3	69.6	78.1	117		0.55	1.0	0.0	0.706	1.0	0.0	71.9	−41.0	61.4	73.9	123		0.55	1.0	0.0			
136	118	124	0.533	1.0	0.0	63.2	−51.9	48.4	71.0	136		0.774	1.0	0.0	76.2	−36.2	68.2	77.3	118		0.533	1.0	0.0	0.692	1.0	0.0	71.1	−41.9	60.1	73.4	124		0.533	1.0	0.0			
138	119	126	0.516	1.0	0.0	62.5	−52.9	47.3	71.0	138		0.763	1.0	0.0	75.4	−37.0	66.8	76.4	119		0.517	1.0	0.0	0.677	1.0	0.0	70.3	−42.8	58.9	72.8	126		0.517	1.0	0.0			
139	120	127	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139		0.752	1.0	0.0	74.5	−37.7	65.5	75.6	120		0.5	1.0	0.0	0.663	1.0	0.0	69.5	−43.7	57.6	72.3	127		0.5	1.0	0.0			

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb*−*LabCh**tables

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

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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
139	120	127	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139	0.752	1.0	0.0	74.5	−37.7	65.5	75.6	120	0.5	1.0	0.0	0.663	1.0	0.0	69.5	−43.7	57.6	72.3	127	0.5	1.0	0.0	
139	121	128	0.483	1.0	0.0	61.5	−54.2	45.9	71.1	139	0.74	1.0	0.0	73.8	−38.6	64.4	75.1	121	0.483	1.0	0.0	0.649	1.0	0.0	68.7	−44.5	56.2	71.8	128	0.483	1.0	0.0	
140	122	129	0.466	1.0	0.0	61.4	−54.6	45.6	71.2	140	0.727	1.0	0.0	73.1	−39.5	63.3	74.7	122	0.467	1.0	0.0	0.635	1.0	0.0	67.9	−45.3	54.9	71.3	129	0.467	1.0	0.0	
140	123	130	0.45	1.0	0.0	61.2	−54.9	45.4	71.2	140	0.715	1.0	0.0	72.4	−40.3	62.3	74.2	123	0.45	1.0	0.0	0.62	1.0	0.0	67.1	−46.2	53.7	70.9	130	0.45	1.0	0.0	
140	124	131	0.433	1.0	0.0	61.0	−55.3	45.1	71.3	140	0.703	1.0	0.0	71.8	−41.2	61.2	73.8	124	0.433	1.0	0.0	0.604	1.0	0.0	66.4	−47.3	52.8	70.9	131	0.433	1.0	0.0	
141	125	133	0.416	1.0	0.0	60.9	−55.6	44.8	71.4	141	0.691	1.0	0.0	71.1	−42.0	60.1	73.3	125	0.417	1.0	0.0	0.588	1.0	0.0	65.7	−48.4	51.8	71.0	133	0.417	1.0	0.0	
141	126	134	0.4	1.0	0.0	60.7	−56.0	44.5	71.5	141	0.679	1.0	0.0	70.4	−42.7	59.0	72.9	126	0.4	1.0	0.0	0.571	1.0	0.0	64.9	−49.4	50.8	71.0	134	0.4	1.0	0.0	
141	127	135	0.383	1.0	0.0	60.5	−56.3	44.2	71.6	141	0.667	1.0	0.0	69.7	−43.5	57.9	72.4	127	0.383	1.0	0.0	0.555	1.0	0.0	64.2	−50.5	49.8	71.0	135	0.383	1.0	0.0	
142	128	136	0.366	1.0	0.0	60.3	−56.6	43.9	71.6	142	0.654	1.0	0.0	69.0	−44.2	56.7	72.0	128	0.367	1.0	0.0	0.539	1.0	0.0	63.5	−51.5	48.8	71.0	136	0.367	1.0	0.0	
142	129	137	0.35	1.0	0.0	60.1	−57.0	43.5	71.7	142	0.642	1.0	0.0	68.3	−44.9	55.6	71.5	129	0.35	1.0	0.0	0.523	1.0	0.0	62.8	−52.5	47.7	71.0	137	0.35	1.0	0.0	
143	130	138	0.333	1.0	0.0	59.8	−57.3	43.1	71.7	143	0.63	1.0	0.0	67.6	−45.6	54.5	71.1	130	0.333	1.0	0.0	0.507	1.0	0.0	62.1	−53.4	46.7	71.0	138	0.333	1.0	0.0	
143	131	140	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143	0.617	1.0	0.0	67.0	−46.4	53.5	70.9	131	0.317	1.0	0.0	0.467	1.0	0.0	61.4	−54.5	45.7	71.2	140	0.317	1.0	0.0	
143	132	141	0.3	1.0	0.0	59.3	−58.0	42.3	71.8	143	0.603	1.0	0.0	66.3	−47.4	52.7	70.9	132	0.3	1.0	0.0	0.412	1.0	0.0	60.9	−55.7	44.7	71.5	141	0.3	1.0	0.0	
144	133	142	0.283	1.0	0.0	59.1	−58.3	41.9	71.8	144	0.589	1.0	0.0	65.7	−48.3	51.9	71.0	133	0.283	1.0	0.0	0.36	1.0	0.0	60.3	−56.7	43.7	71.7	142	0.283	1.0	0.0	
144	134	143	0.266	1.0	0.0	58.9	−58.6	41.5	71.9	144	0.575	1.0	0.0	65.1	−49.2	51.0	71.0	134	0.267	1.0	0.0	0.312	1.0	0.0	59.6	−57.7	42.6	71.8	143	0.267	1.0	0.0	
145	135	144	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145	0.561	1.0	0.0	64.5	−50.1	50.2	71.0	135	0.25	1.0	0.0	0.265	1.0	0.0	58.9	−58.6	41.5	71.9	144	0.25	1.0	0.0	
145	136	145	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145	0.547	1.0	0.0	63.9	−51.0	49.3	71.0	136	0.233	1.0	0.0	0.0	1.0	0.07	58.2	−59.9	40.6	72.5	145	0.233	1.0	0.0	
145	137	147	0.216	1.0	0.0	58.6	−59.1	41.0	72.0	145	0.533	1.0	0.0	63.2	−51.8	48.4	71.0	137	0.217	1.0	0.0	0.0	1.0	0.226	57.7	−60.5	39.2	72.2	147	0.217	1.0	0.0	
145	138	148	0.2	1.0	0.0	58.5	−59.2	41.0	72.0	145	0.519	1.0	0.0	62.6	−52.7	47.5	71.0	138	0.2	1.0	0.0	0.0	1.0	0.343	57.3	−61.2	38.0	72.1	148	0.2	1.0	0.0	
145	139	149	0.183	1.0	0.0	58.5	−59.3	40.9	72.0	145	0.505	1.0	0.0	62.0	−53.5	46.6	71.0	139	0.183	1.0	0.0	0.0	1.0	0.409	57.2	−61.3	36.3	71.3	149	0.183	1.0	0.0	
145	140	150	0.166	1.0	0.0	58.5	−59.3	40.9	72.1	145	0.471	1.0	0.0	61.5	−54.4	45.8	71.2	140	0.167	1.0	0.0	0.0	1.0	0.455	57.2	−61.0	34.4	70.1	150	0.167	1.0	0.0	
145	141	151	0.15	1.0	0.0	58.5	−59.4	40.9	72.1	145	0.424	1.0	0.0	61.0	−55.4	45.0	71.4	141	0.15	1.0	0.0	0.0	1.0	0.502	57.1	−60.6	32.6	68.9	151	0.15	1.0	0.0	
145	142	152	0.133	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.377	1.0	0.0	60.5	−56.4	44.1	71.7	142	0.133	1.0	0.0	0.0	1.0	0.558	57.2	−60.1	30.8	67.6	152	0.133	1.0	0.0	
145	143	154	0.116	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.336	1.0	0.0	59.9	−57.2	43.2	71.8	143	0.117	1.0	0.0	0.0	1.0	0.614	57.3	−59.5	29.0	66.2	154	0.117	1.0	0.0	
145	144	155	0.1	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.296	1.0	0.0	59.3	−58.0	42.2	71.8	144	0.1	1.0	0.0	0.0	1.0	0.641	57.5	−58.9	27.2	64.9	155	0.1	1.0	0.0	
145	145	156	0.083	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.255	1.0	0.0	58.7	−58.8	41.3	71.9	145	0.083	1.0	0.0	0.0	1.0	0.661	57.6	−58.3	25.5	63.7	156	0.083	1.0	0.0	
145	146	157	0.066	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.0	1.0	0.087	58.1	−60.1	40.6	72.6	146	0.067	1.0	0.0	0.0	1.0	0.682	57.8	−57.6	23.8	62.4	157	0.067	1.0	0.0	
145	147	158	0.049	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.0	1.0	0.217	57.7	−60.5	39.3	72.2	147	0.05	1.0	0.0	0.0	1.0	0.702	58.0	−56.9	22.2	61.2	158	0.05	1.0	0.0	
145	148	159	0.033	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.0	1.0	0.32	57.4	−61.0	38.2	72.1	148	0.033	1.0	0.0	0.0	1.0	0.722	58.2	−56.2	20.6	59.9	159	0.033	1.0	0.0	
145	149	161	0.016	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.0	1.0	0.392	57.2	−61.4	36.9	71.7	149	0.017	1.0	0.0	0.0	1.0	0.742	58.4	−55.4	19.0	58.6	161	0.017	1.0	0.0	
145	150	162	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145	G_d 0.0	1.0	0.432	57.2	−61.1	35.3	70.7	150	G_s 0.0	1.0	0.0	0.0	1.0	0.755	58.5	−54.9	17.6	57.7	162	G_e 0.0	1.0	0.0	
145	151	163	0.0	1.0	0.016	58.4	−59.6	40.8	72.2	145	0.0	1.0	0.473	57.2	−60.8	33.8	69.7	151	0.0	1.0	0.017	0.0	1.0	0.761	58.6	−54.6	16.6	57.1	163	0.0	1.0	0.017	
145	152	164	0.0	1.0	0.033	58.3	−59.7	40.7	72.3	145	0.0	1.0	0.515	57.2	−60.5	32.2	68.6	152	0.0	1.0	0.033	0.0	1.0	0.767	58.6	−54.3	15.6	56.6	164	0.0	1.0	0.033	
145	153	164	0.0	1.0	0.05	58.2	−59.9	40.7	72.4	145	0.0	1.0	0.563	57.2	−60.0	30.6	67.5	153	0.0	1.0	0.05	0.0	1.0	0.773	58.7	−54.0	14.5	56.0	164	0.0	1.0	0.05	
145	154	165	0.0	1.0	0.066	58.2	−60.0	40.6	72.4	145	0.0	1.0	0.611	57.3	−59.5	29.1	66.3	154	0.0	1.0	0.067	0.0	1.0	0.779	58.8	−53.7	13.5	55.5	165	0.0	1.0	0.067	
145	155	166	0.0	1.0	0.083	58.1	−60.1	40.5	72.5	145	0.0	1.0	0.637	57.4	−59.0	27.6	65.2	155	0.0	1.0	0.083	0.0	1.0	0.785	58.8	−53.3	12.5	54.9	166	0.0	1.0	0.083	
146	156	167	0.0	1.0	0.1	58.0	−60.2	40.5	72.6	146	0.0	1.0	0.655	57.6	−58.5	26.1	64.1	156	0.0	1.0	0.1	0.0	1.0	0.791	58.9	−53.0	11.6	54.3	167	0.0	1.0	0.1	
146	157	168	0.0	1.0	0.116	58.0	−60.3	40.4	72.6	146	0.0	1.0	0.672	57.7	−57.9	24.6	63.0	157	0.0	1.0	0.117	0.0	1.0	0.797	59.0	−52.6	10.6	53.8	168	0.0	1.0	0.117	
146	158	169	0.0	1.0	0.133	57.9	−60.4	40.3	72.6	146	0.0	1.0	0.689	57.9	−57.3	23.2	62.0	158	0.0	1.0	0.133	0.0	1.0	0.803	59.1	−52.2	9.7	53.2	169	0.0	1.0	0.133	
146	159	170	0.0	1.0	0.15	57.9	−60.4	40.1	72.5	146	0.0	1.0	0.706	58.0	−56.7	21.8	60.9	159	0.0	1.0	0.15	0.0	1.0	0.809	59.1	−51.8	8.7	52.7	170	0.0	1.0	0.15	
146	160	171	0.0	1.0	0.166	57.8	−60.4	39.9	72.4	146	0.0	1.0	0.724	58.2	−56.1	20.4	59.8	160	0.0	1.0	0.167	0.0	1.0	0.815	59.2	−51.4	7.8	52.1	171	0.0	1.0	0.167	
146	161	172	0.0	1.0	0.183	57.8	−60.5	39.7	72.4	146	0.0	1.0	0.741	58.3	−55.4	19.1	58.7	161	0.0	1.0	0.183	0.0	1.0	0.821	59.3	−51.0	6.9	51.5	172	0.0	1.0	0.183	
146	162	173	0.0	1.0	0.2	57.7	−60.5	39.5	72.3	146	0.0	1.0	0.753	58.5	−54.9	17.9	57.8	162	0.0	1.0	0.2	0.0	1.0	0.827	59.3	−50.5	6.1	51.0	173	0.0	1.0	0.2	
146	163	174	0.0	1.0	0.216	57.7	−60.5	39.3	72.2	146	0.0	1.0	0.76	58.5	−54.6	16.7	57.2	163	0.0	1.0	0.217	0.0	1.0	0.833	59.4	−50.0	5.2	50.4	174	0.0	1.0	0.217	
147	164	175	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147	0.0	1.0	0.766	58.6	−54.3	15.6	56.6	164	0.0	1.0	0.233	0.0	1.0	0.839	59.5	−49.6	4.3	49.8	175	0.0	1.0	0.233	
147	165	175	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147	0.0	1.0	0.773	58.7	−54.0	14.5	56.0	165	0.0	1.0	0.25	0.0	1.0	0.845	59.6	−49.1	3.5	49.3	175	0.0	1.0	0.25	

RE710−70 1−0031134−L0 LAB*la0, YN=0%, XYZnw=2.0, 2.1, 2.1, 85.9, 90.9, 95.1, LAB*nw=15.8, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 12/33

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb (RGB)

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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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		
147	165	175	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147	0.0	1.0	0.773	58.7	−54.0	14.5	56.0	165	0.0	1.0	0.25	0.0	1.0	0.845	59.6	−49.1	3.5	49.3	175	0.0	1.0	0.25
147	166	176	0.0	1.0	0.266	57.5	−60.7	38.7	72.0	147	0.0	1.0	0.779	58.8	−53.6	13.4	55.4	166	0.0	1.0	0.267	0.0	1.0	0.851	59.6	−48.5	2.7	48.7	176	0.0	1.0	0.267
147	167	177	0.0	1.0	0.283	57.5	−60.8	38.5	72.0	147	0.0	1.0	0.786	58.9	−53.3	12.3	54.8	167	0.0	1.0	0.283	0.0	1.0	0.857	59.7	−48.0	1.9	48.2	177	0.0	1.0	0.283
147	168	178	0.0	1.0	0.3	57.4	−60.9	38.4	72.0	147	0.0	1.0	0.793	58.9	−52.9	11.3	54.2	168	0.0	1.0	0.3	0.0	1.0	0.863	59.8	−47.5	1.1	47.6	178	0.0	1.0	0.3
147	169	179	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147	0.0	1.0	0.799	59.0	−52.5	10.2	53.5	169	0.0	1.0	0.317	0.0	1.0	0.869	59.9	−46.9	0.4	47.0	179	0.0	1.0	0.317
148	170	180	0.0	1.0	0.333	57.3	−61.2	38.0	72.1	148	0.0	1.0	0.806	59.1	−52.0	9.2	52.9	170	0.0	1.0	0.333	0.0	1.0	0.875	59.9	−46.4	−0.3	46.5	180	0.0	1.0	0.333
148	171	181	0.0	1.0	0.35	57.3	−61.3	37.8	72.1	148	0.0	1.0	0.812	59.2	−51.6	8.2	52.3	171	0.0	1.0	0.35	0.0	1.0	0.879	59.8	−46.3	−1.0	46.4	181	0.0	1.0	0.35
148	172	182	0.0	1.0	0.366	57.2	−61.4	37.7	72.1	148	0.0	1.0	0.819	59.3	−51.1	7.2	51.7	172	0.0	1.0	0.367	0.0	1.0	0.883	59.8	−46.3	−1.8	46.4	182	0.0	1.0	0.367
148	173	183	0.0	1.0	0.383	57.2	−61.5	37.2	71.9	148	0.0	1.0	0.825	59.3	−50.6	6.2	51.1	173	0.0	1.0	0.383	0.0	1.0	0.887	59.7	−46.2	−2.5	46.4	183	0.0	1.0	0.383
149	174	184	0.0	1.0	0.4	57.2	−61.4	36.6	71.5	149	0.0	1.0	0.832	59.4	−50.1	5.3	50.5	174	0.0	1.0	0.4	0.0	1.0	0.891	59.6	−46.2	−3.2	46.4	184	0.0	1.0	0.4
149	175	185	0.0	1.0	0.416	57.2	−61.3	35.9	71.0	149	0.0	1.0	0.839	59.5	−49.6	4.3	49.8	175	0.0	1.0	0.417	0.0	1.0	0.895	59.5	−46.1	−4.0	46.4	185	0.0	1.0	0.417
150	176	185	0.0	1.0	0.433	57.2	−61.2	35.3	70.6	150	0.0	1.0	0.845	59.6	−49.0	3.4	49.2	176	0.0	1.0	0.433	0.0	1.0	0.899	59.4	−46.0	−4.7	46.4	185	0.0	1.0	0.433
150	177	186	0.0	1.0	0.45	57.1	−61.1	34.6	70.2	150	0.0	1.0	0.852	59.6	−48.4	2.5	48.6	177	0.0	1.0	0.45	0.0	1.0	0.903	59.3	−45.9	−5.4	46.4	186	0.0	1.0	0.45
150	178	187	0.0	1.0	0.466	57.1	−60.9	34.0	69.8	150	0.0	1.0	0.858	59.7	−47.9	1.7	48.0	178	0.0	1.0	0.467	0.0	1.0	0.908	59.2	−45.8	−6.2	46.3	187	0.0	1.0	0.467
151	179	188	0.0	1.0	0.483	57.1	−60.8	33.3	69.4	151	0.0	1.0	0.865	59.8	−47.3	0.8	47.4	179	0.0	1.0	0.483	0.0	1.0	0.912	59.1	−45.7	−6.9	46.3	188	0.0	1.0	0.483
151	180	189	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151	0.0	1.0	0.871	59.9	−46.7	0.0	46.8	180	0.0	1.0	0.5	0.0	1.0	0.916	59.0	−45.6	−7.6	46.3	189	0.0	1.0	0.5
152	181	190	0.0	1.0	0.516	57.1	−60.5	32.1	68.5	152	0.0	1.0	0.877	59.9	−46.3	−0.7	46.4	181	0.0	1.0	0.517	0.0	1.0	0.92	58.9	−45.4	−8.4	46.3	190	0.0	1.0	0.517
152	182	191	0.0	1.0	0.533	57.1	−60.4	31.6	68.1	152	0.0	1.0	0.882	59.8	−46.3	−1.5	46.4	182	0.0	1.0	0.533	0.0	1.0	0.924	58.8	−45.3	−9.1	46.3	191	0.0	1.0	0.533
152	183	192	0.0	1.0	0.55	57.2	−60.2	31.0	67.7	152	0.0	1.0	0.886	59.7	−46.2	−2.3	46.4	183	0.0	1.0	0.55	0.0	1.0	0.928	58.7	−45.1	−9.8	46.3	192	0.0	1.0	0.55
153	184	193	0.0	1.0	0.566	57.2	−60.0	30.5	67.3	153	0.0	1.0	0.891	59.6	−46.2	−3.1	46.4	184	0.0	1.0	0.567	0.0	1.0	0.932	58.6	−44.9	−10.5	46.3	193	0.0	1.0	0.567
153	185	194	0.0	1.0	0.583	57.2	−59.8	29.9	66.9	153	0.0	1.0	0.895	59.5	−46.1	−3.9	46.4	185	0.0	1.0	0.583	0.0	1.0	0.936	58.5	−44.8	−11.2	46.3	194	0.0	1.0	0.583
153	186	195	0.0	1.0	0.6	57.2	−59.7	29.4	66.5	153	0.0	1.0	0.9	59.4	−46.0	−4.7	46.4	186	0.0	1.0	0.6	0.0	1.0	0.94	58.4	−44.6	−11.9	46.3	195	0.0	1.0	0.6
154	187	195	0.0	1.0	0.616	57.3	−59.5	28.8	66.1	154	0.0	1.0	0.904	59.3	−45.9	−5.5	46.3	187	0.0	1.0	0.617	0.0	1.0	0.944	58.4	−44.4	−12.6	46.2	195	0.0	1.0	0.617
154	188	196	0.0	1.0	0.633	57.3	−59.2	27.8	65.4	154	0.0	1.0	0.909	59.2	−45.8	−6.3	46.3	188	0.0	1.0	0.633	0.0	1.0	0.949	58.3	−44.1	−13.3	46.2	196	0.0	1.0	0.633
155	189	197	0.0	1.0	0.65	57.5	−58.7	26.4	64.4	155	0.0	1.0	0.913	59.1	−45.7	−7.1	46.3	189	0.0	1.0	0.65	0.0	1.0	0.953	58.2	−43.9	−14.0	46.2	197	0.0	1.0	0.65
156	190	198	0.0	1.0	0.666	57.6	−58.1	25.0	63.3	156	0.0	1.0	0.918	59.0	−45.5	−7.9	46.3	190	0.0	1.0	0.667	0.0	1.0	0.957	58.1	−43.7	−14.7	46.2	198	0.0	1.0	0.667
157	191	199	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157	0.0	1.0	0.922	58.9	−45.4	−8.7	46.3	191	0.0	1.0	0.683	0.0	1.0	0.961	58.0	−43.4	−15.4	46.2	199	0.0	1.0	0.683
158	192	200	0.0	1.0	0.7	57.9	−57.0	22.3	61.2	158	0.0	1.0	0.926	58.8	−45.2	−9.5	46.3	192	0.0	1.0	0.7	0.0	1.0	0.965	57.9	−43.2	−16.1	46.2	200	0.0	1.0	0.7
159	193	201	0.0	1.0	0.716	58.1	−56.4	21.0	60.2	159	0.0	1.0	0.931	58.7	−45.0	−10.3	46.3	193	0.0	1.0	0.717	0.0	1.0	0.969	57.8	−42.9	−16.8	46.2	201	0.0	1.0	0.717
160	194	202	0.0	1.0	0.733	58.2	−55.8	19.7	59.1	160	0.0	1.0	0.935	58.6	−44.8	−11.1	46.3	194	0.0	1.0	0.733	0.0	1.0	0.973	57.7	−42.6	−17.5	46.2	202	0.0	1.0	0.733
161	195	203	0.0	1.0	0.75	58.4	−55.1	18.4	58.1	161	0.0	1.0	0.94	58.5	−44.6	−11.9	46.3	195	0.0	1.0	0.75	0.0	1.0	0.977	57.6	−42.3	−18.2	46.2	203	0.0	1.0	0.75
164	196	204	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164	0.0	1.0	0.944	58.4	−44.4	−12.6	46.2	196	0.0	1.0	0.767	0.0	1.0	0.981	57.5	−42.0	−18.8	46.2	204	0.0	1.0	0.767
166	197	205	0.0	1.0	0.783	58.8	−53.5	12.7	55.0	166	0.0	1.0	0.949	58.3	−44.1	−13.4	46.2	197	0.0	1.0	0.783	0.0	1.0	0.985	57.4	−41.7	−19.5	46.1	205	0.0	1.0	0.783
169	198	206	0.0	1.0	0.8	59.0	−52.4	10.0	53.4	169	0.0	1.0	0.953	58.2	−43.9	−14.2	46.2	198	0.0	1.0	0.8	0.0	1.0	0.99	57.3	−41.4	−20.1	46.1	206	0.0	1.0	0.8
171	199	206	0.0	1.0	0.816	59.2	−51.3	7.5	51.8	171	0.0	1.0	0.958	58.0	−43.6	−14.9	46.2	199	0.0	1.0	0.817	0.0	1.0	0.994	57.2	−41.0	−20.8	46.1	206	0.0	1.0	0.817
174	200	207	0.0	1.0	0.833	59.4	−50.0	5.0	50.3	174	0.0	1.0	0.962	57.9	−43.3	−15.7	46.2	200	0.0	1.0	0.833	0.0	1.0	0.998	57.1	−40.7	−21.4	46.1	207	0.0	1.0	0.833
176	201	208	0.0	1.0	0.85	59.6	−48.6	2.7	48.7	176	0.0	1.0	0.967	57.8	−43.0	−16.5	46.2	201	0.0	1.0	0.85	0.0	0.997	1.0	57.0	−40.4	−22.1	46.2	208	0.0	1.0	0.85
179	202	209	0.0	1.0	0.866	59.8	−47.1	0.5	47.2	179	0.0	1.0	0.971	57.7	−42.7	−17.2	46.2	202	0.0	1.0	0.867	0.0	0.991	1.0	56.8	−40.3	−22.9	46.5	209	0.0	1.0	0.867
182	203	210	0.0	1.0	0.883	59.7	−46.3	−1.9	46.4	182	0.0	1.0	0.976	57.6	−42.4	−17.9	46.2	203	0.0	1.0	0.883	0.0	0.985	1.0	56.6	−40.1	−23.7	46.8	210	0.0	1.0	0.883
186	204	211	0.0	1.0	0.9	59.3	−46.0	−4.9	46.3	186	0.0	1.0	0.98	57.5	−42.1	−18.7	46.2	204	0.0	1.0	0.9	0.0	0.978	1.0	56.4	−40.0	−24.5	47.0	211	0.0	1.0	0.9
189	205	212	0.0	1.0	0.916	58.9	−45.6	−7.8	46.3	189	0.0	1.0	0.985	57.4	−41.7	−19.4	46.1	205	0.0	1.0	0.917	0.0	0.972	1.0	56.3	−39.8	−25.2	47.3	212	0.0	1.0	0.917
193	206	213	0.0	1.0	0.933	58.6	−44.9	−10.8	46.2	193	0.0	1.0	0.989	57.3	−41.4	−20.1	46.1	206	0.0	1.0	0.933	0.0	0.966	1.0	56.1	−39.6	−26.0	47.5	213	0.0	1.0	0.933
197	207	214	0.0	1.0	0.95	58.2	−44.1	−13.6	46.2	197	0.0	1.0	0.994	57.2	−41.0	−20.8	46.1	207	0.0	1.0	0.95	0.0	0.96	1.0	55.9	−39.4	−26.8	47.8	214	0.0	1.0	0.95
200	208	215	0.0	1.0	0.966	57.8	−43.1	−16.5	46.1	200	0.0	1.0	0.998	57.1	−40.6	−21.5	46.1	208	0.0	1.0	0.967	0.0	0.954	1.0	55.7	−39.2	−27.6	48.1	215	0.0	1.0	0.967
204	209	216	0.0	1.0	0.983	57.4	−41.9	−19.2	46.1	204	0.0	0.996	1.0	57.0	−40.4	−22.3	46.3	209	0.0	1.0	0.983	0.0	0.947	1.0	55.5	−39.0	−28.3	48.3	216	0.0	1.0	0.983
208	210	216	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208 C_d	0.0	0.989	1.0	56.8	−40.2	−23.2	46.6	210 C_s	0.0	1.0	1.0	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216 C_e	0.0	1.0	1.0

RE710−70 1−0031234−L0 LAB*la0, YN=0%, XYZnw=2.0, 2.1, 2.1, 85.9, 90.9, 95.1, LAB*nw=15.8, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted

Output: Offset standard print; separation cmyn6*, D65, page 13/33

TUB-test chart RE71; 1080 standard colours, cf=0,9
48 step hue circles; *rgb−LabCh**tables

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

1−0031234−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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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
208	210	216	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208	C_d	0.0	0.989	1.0	56.8	−40.2	−23.2	46.6	210	C_s	0.0	1.0	1.0	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216	C_e	0.0	1.0	1.0			
210	211	217	0.0	0.983	1.0	56.5	−40.2	−23.9	46.8	210		0.0	0.982	1.0	56.6	−40.1	−24.0	46.9	211		0.0	0.983	1.0	0.0	0.935	1.0	55.1	−38.4	−29.9	48.8	217		0.0	0.983	1.0			
213	212	218	0.0	0.966	1.0	56.0	−39.7	−26.0	47.5	213		0.0	0.975	1.0	56.3	−39.9	−24.9	47.2	212		0.0	0.967	1.0	0.0	0.929	1.0	54.9	−38.2	−30.7	49.1	218		0.0	0.967	1.0			
215	213	219	0.0	0.95	1.0	55.5	−39.1	−28.1	48.2	215		0.0	0.968	1.0	56.1	−39.7	−25.7	47.4	213		0.0	0.95	1.0	0.0	0.923	1.0	54.8	−37.9	−31.4	49.4	219		0.0	0.95	1.0			
218	214	220	0.0	0.933	1.0	55.0	−38.4	−30.2	48.9	218		0.0	0.962	1.0	55.9	−39.5	−26.6	47.7	214		0.0	0.933	1.0	0.0	0.916	1.0	54.6	−37.6	−32.2	49.6	220		0.0	0.933	1.0			
220	215	221	0.0	0.916	1.0	54.5	−37.6	−32.2	49.6	220		0.0	0.955	1.0	55.7	−39.2	−27.4	48.0	215		0.0	0.917	1.0	0.0	0.91	1.0	54.4	−37.2	−33.0	49.9	221		0.0	0.917	1.0			
223	216	222	0.0	0.9	1.0	54.0	−36.7	−34.3	50.3	223		0.0	0.948	1.0	55.5	−39.0	−28.3	48.3	216		0.0	0.9	1.0	0.0	0.904	1.0	54.2	−36.9	−33.7	50.1	222		0.0	0.9	1.0			
225	217	223	0.0	0.883	1.0	53.5	−35.7	−36.3	51.0	225		0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	217		0.0	0.883	1.0	0.0	0.898	1.0	54.0	−36.5	−34.5	50.4	223		0.0	0.883	1.0			
227	218	224	0.0	0.866	1.0	53.2	−34.6	−38.3	51.6	227		0.0	0.934	1.0	55.1	−38.4	−30.0	48.9	218		0.0	0.867	1.0	0.0	0.892	1.0	53.8	−36.2	−35.3	50.7	224		0.0	0.867	1.0			
230	219	225	0.0	0.85	1.0	53.1	−33.5	−40.1	52.2	230		0.0	0.928	1.0	54.9	−38.1	−30.8	49.2	219		0.0	0.85	1.0	0.0	0.885	1.0	53.6	−35.8	−36.0	50.9	225		0.0	0.85	1.0			
232	220	226	0.0	0.833	1.0	53.1	−32.3	−41.9	52.9	232		0.0	0.921	1.0	54.7	−37.8	−31.7	49.4	220		0.0	0.833	1.0	0.0	0.879	1.0	53.4	−35.4	−36.8	51.2	226		0.0	0.833	1.0			
234	221	227	0.0	0.816	1.0	53.0	−31.0	−43.6	53.5	234		0.0	0.914	1.0	54.5	−37.4	−32.5	49.7	221		0.0	0.817	1.0	0.0	0.873	1.0	53.3	−35.0	−37.5	51.4	227		0.0	0.817	1.0			
236	222	227	0.0	0.8	1.0	52.9	−29.6	−45.3	54.1	236		0.0	0.907	1.0	54.3	−37.1	−33.4	50.0	222		0.0	0.8	1.0	0.0	0.866	1.0	53.3	−34.5	−38.3	51.7	227		0.0	0.8	1.0			
239	223	228	0.0	0.783	1.0	52.8	−28.1	−47.0	54.7	239		0.0	0.9	1.0	54.1	−36.7	−34.2	50.3	223		0.0	0.783	1.0	0.0	0.859	1.0	53.2	−34.1	−39.0	51.9	228		0.0	0.783	1.0			
241	224	229	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241		0.0	0.894	1.0	53.9	−36.3	−35.0	50.6	224		0.0	0.767	1.0	0.0	0.853	1.0	53.2	−33.6	−39.7	52.2	229		0.0	0.767	1.0			
243	225	230	0.0	0.75	1.0	52.6	−24.9	−50.1	56.0	243		0.0	0.887	1.0	53.7	−35.9	−35.9	50.9	225		0.0	0.75	1.0	0.0	0.846	1.0	53.2	−33.1	−40.5	52.5	230		0.0	0.75	1.0			
244	226	231	0.0	0.733	1.0	52.2	−24.1	−50.2	55.7	244		0.0	0.88	1.0	53.5	−35.4	−36.7	51.2	226		0.0	0.733	1.0	0.0	0.839	1.0	53.1	−32.7	−41.2	52.7	231		0.0	0.733	1.0			
245	227	232	0.0	0.716	1.0	51.8	−23.4	−50.2	55.4	245		0.0	0.873	1.0	53.3	−35.0	−37.5	51.4	227		0.0	0.717	1.0	0.0	0.832	1.0	53.1	−32.1	−41.9	53.0	232		0.0	0.717	1.0			
245	228	233	0.0	0.7	1.0	51.3	−22.6	−50.3	55.1	245		0.0	0.866	1.0	53.3	−34.5	−38.3	51.7	228		0.0	0.7	1.0	0.0	0.826	1.0	53.1	−31.6	−42.6	53.2	233		0.0	0.7	1.0			
246	229	234	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246		0.0	0.858	1.0	53.2	−34.0	−39.1	52.0	229		0.0	0.683	1.0	0.0	0.819	1.0	53.0	−31.1	−43.3	53.5	234		0.0	0.683	1.0			
247	230	235	0.0	0.666	1.0	50.4	−21.1	−50.3	54.6	247		0.0	0.851	1.0	53.2	−33.5	−39.9	52.3	230		0.0	0.667	1.0	0.0	0.812	1.0	53.0	−30.5	−44.0	53.7	235		0.0	0.667	1.0			
247	231	236	0.0	0.65	1.0	50.0	−20.4	−50.3	54.3	247		0.0	0.843	1.0	53.2	−33.0	−40.7	52.5	231		0.0	0.65	1.0	0.0	0.805	1.0	53.0	−30.0	−44.7	54.0	236		0.0	0.65	1.0			
248	232	237	0.0	0.633	1.0	49.6	−19.6	−50.3	54.0	248		0.0	0.836	1.0	53.1	−32.4	−41.5	52.8	232		0.0	0.633	1.0	0.0	0.798	1.0	52.9	−29.4	−45.4	54.2	237		0.0	0.633	1.0			
249	233	237	0.0	0.616	1.0	49.2	−19.0	−50.2	53.7	249		0.0	0.829	1.0	53.1	−31.9	−42.3	53.1	233		0.0	0.617	1.0	0.0	0.792	1.0	52.9	−28.8	−46.1	54.5	237		0.0	0.617	1.0			
249	234	238	0.0	0.6	1.0	48.9	−18.3	−50.2	53.5	249		0.0	0.821	1.0	53.0	−31.3	−43.1	53.4	234		0.0	0.6	1.0	0.0	0.785	1.0	52.9	−28.2	−46.8	54.7	238		0.0	0.6	1.0			
250	235	239	0.0	0.583	1.0	48.6	−17.7	−50.2	53.3	250		0.0	0.814	1.0	53.0	−30.7	−43.9	53.7	235		0.0	0.583	1.0	0.0	0.778	1.0	52.8	−27.6	−47.4	55.0	239		0.0	0.583	1.0			
251	236	240	0.0	0.566	1.0	48.3	−17.1	−50.2	53.0	251		0.0	0.806	1.0	53.0	−30.1	−44.6	53.9	236		0.0	0.567	1.0	0.0	0.771	1.0	52.8	−26.9	−48.1	55.2	240		0.0	0.567	1.0			
251	237	241	0.0	0.55	1.0	48.0	−16.5	−50.2	52.8	251		0.0	0.799	1.0	52.9	−29.4	−45.4	54.2	237		0.0	0.55	1.0	0.0	0.765	1.0	52.8	−26.3	−48.7	55.5	241		0.0	0.55	1.0			
252	238	242	0.0	0.533	1.0	47.7	−15.8	−50.1	52.6	252		0.0	0.791	1.0	52.9	−28.8	−46.1	54.5	238		0.0	0.533	1.0	0.0	0.758	1.0	52.7	−25.6	−49.4	55.7	242		0.0	0.533	1.0			
253	239	243	0.0	0.516	1.0	47.4	−15.2	−50.1	52.3	253		0.0	0.784	1.0	52.9	−28.1	−46.8	54.8	239		0.0	0.517	1.0	0.0	0.751	1.0	52.7	−24.9	−50.0	56.0	243		0.0	0.517	1.0			
253	240	244	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253		0.0	0.777	1.0	52.8	−27.4	−47.6	55.0	240		0.0	0.5	1.0	0.0	0.732	1.0	52.2	−24.0	−50.1	55.7	244		0.0	0.5	1.0			
254	241	245	0.0	0.483	1.0	46.8	−14.2	−50.0	52.0	254		0.0	0.769	1.0	52.8	−26.7	−48.3	55.3	241		0.0	0.483	1.0	0.0	0.711	1.0	51.7	−23.1	−50.2	55.4	245		0.0	0.483	1.0			
254	242	246	0.0	0.466	1.0	46.6	−13.8	−49.9	51.8	254		0.0	0.762	1.0	52.7	−26.0	−49.0	55.6	242		0.0	0.467	1.0	0.0	0.69	1.0	51.1	−22.1	−50.2	55.0	246		0.0	0.467	1.0			
254	243	247	0.0	0.45	1.0	46.4	−13.3	−49.9	51.7	254		0.0	0.754	1.0	52.7	−25.3	−49.7	55.9	243		0.0	0.45	1.0	0.0	0.669	1.0	50.5	−21.2	−50.2	54.6	247		0.0	0.45	1.0			
255	244	248	0.0	0.433	1.0	46.1	−12.9	−49.9	51.5	255		0.0	0.741	1.0	52.4	−24.4	−50.1	55.9	244		0.0	0.433	1.0	0.0	0.647	1.0	50.0	−20.2	−50.2	54.3	248		0.0	0.433	1.0			
255	245	248	0.0	0.416	1.0	45.9	−12.5	−49.8	51.4	255		0.0	0.717	1.0	51.8	−23.3	−50.2	55.5	245		0.0	0.417	1.0	0.0	0.626	1.0	49.4	−19.3	−50.2	53.9	248		0.0	0.417	1.0			
256	246	249	0.0	0.4	1.0	45.6	−12.1	−49.8	51.2	256		0.0	0.694	1.0	51.2	−22.3	−50.2	55.1	246		0.0	0.4	1.0	0.0	0.602	1.0	49.0	−18.4	−50.2	53.6	249		0.0	0.4	1.0			
256	247	250	0.0	0.383	1.0	45.4	−11.6	−49.7	51.1	256		0.0	0.671	1.0	50.6	−21.3	−50.2	54.7	247		0.0	0.383	1.0	0.0	0.578	1.0	48.6	−17.5	−50.2	53.2	250		0.0	0.383	1.0			
257	248	251	0.0	0.366	1.0	45.1	−11.2	−49.7	50.9	257		0.0	0.648	1.0	50.0	−20.2	−50.2	54.3	248		0.0	0.367	1.0	0.0	0.553	1.0	48.1	−16.5	−50.1	52.9	251		0.0	0.367	1.0			
257	249	252	0.0	0.35	1.0	44.8	−10.7	−49.7	50.8	257		0.0	0.624	1.0	49.4	−19.2	−50.2	53.9	249		0.0	0.35	1.0	0.0	0.529	1.0	47.7	−15.6	−50.0	52.6	252		0.0	0.35	1.0			
258	250	253	0.0	0.333	1.0	44.5	−10.2	−49.7	50.8	258		0.0	0.598	1.0	48.9	−18.2	−50.2	53.5	250		0.0	0.333	1.0	0.0	0.505	1.0	47.2	−14.7	−50.0	52.2	253		0.0	0.333	1.0			
258	251	254	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258		0.0	0.571	1.0	48.4	−17.2	−50.1	53.1	251		0.0	0.317	1.0	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254		0.0	0.317	1.0			
259	252	255	0.0	0.3	1.0	43.9	−9.1	−49.7	50.6	259		0.0	0.544	1.0	47.9	−16.2	−50.1	52.8	252		0.0	0.3	1.0	0.0	0.438	1.0	46.2	−13.0	−49.8	51.6	255		0.0	0.3	1.0			
260	253	256	0.0	0.283	1.0	43.5	−8.6	−49.7	50.5	260		0.0	0.518	1.0	47.5	−15.2	−50.0	52.4	253		0.0	0.283	1.0	0.0	0.404	1.0	45.7	−12.1	−49.7	51.3	256		0.0	0.283	1.0			
260	254	257	0.0	0.266	1.0	43.2	−8.1	−49.7	50.4	260		0.0	0.487	1.0	47.0	−14.2	−49.9	52.0	254		0.0	0.267	1.0	0.0	0.371	1.0	45.2	−11.3	−49.6	51.0	257		0.0	0.267	1.0			
261	255	258	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261		0.0	0.45	1.0	46.4	−13.3	−49.8	51.7	255		0.0	0.25	1.0	0.0	0.344	1.0	44.7	−10.4	−49.7	50.9	258		0.0	0.25	1.0			

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

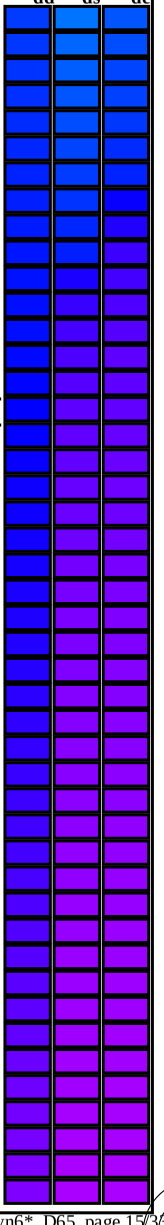
TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb (RGB)

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb*−*LabCh**tables
input: *rgb/cmyk* −> *rgb*$_d$
output: transfer to *rgb*$_d$

1−0031334−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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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
261	255	258	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261		0.0	0.45	1.0	46.4	−13.3	−49.8	51.7	255	0.0	0.25	1.0	0.0	0.344	1.0	44.7	−10.4	−49.7	50.9	258	0.0	0.25	1.0	
261	256	258	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261		0.0	0.412	1.0	45.9	−12.3	−49.7	51.4	256	0.0	0.233	1.0	0.0	0.317	1.0	44.2	−9.6	−49.7	50.7	258	0.0	0.233	1.0	
261	257	259	0.0	0.216	1.0	42.5	−6.9	−49.5	50.0	261		0.0	0.375	1.0	45.3	−11.4	−49.6	51.0	257	0.0	0.217	1.0	0.0	0.29	1.0	43.7	−8.8	−49.7	50.6	259	0.0	0.217	1.0	
262	258	260	0.0	0.2	1.0	42.4	−6.6	−49.4	49.9	262		0.0	0.345	1.0	44.8	−10.5	−49.7	50.9	258	0.0	0.2	1.0	0.0	0.263	1.0	43.2	−8.0	−49.7	50.4	260	0.0	0.2	1.0	
262	259	261	0.0	0.183	1.0	42.2	−6.2	−49.3	49.7	262		0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	259	0.0	0.183	1.0	0.0	0.229	1.0	42.7	−7.1	−49.5	50.2	261	0.0	0.183	1.0	
263	260	262	0.0	0.166	1.0	42.0	−5.9	−49.2	49.6	263		0.0	0.286	1.0	43.7	−8.7	−49.7	50.5	260	0.0	0.167	1.0	0.0	0.19	1.0	42.3	−6.3	−49.3	49.8	262	0.0	0.167	1.0	
263	261	263	0.0	0.15	1.0	41.8	−5.5	−49.1	49.5	263		0.0	0.257	1.0	43.1	−7.8	−49.6	50.4	261	0.0	0.15	1.0	0.0	0.15	1.0	41.8	−5.5	−49.1	49.5	263	0.0	0.15	1.0	
263	262	264	0.0	0.133	1.0	41.6	−5.2	−49.0	49.3	263		0.0	0.216	1.0	42.6	−6.9	−49.5	50.0	262	0.0	0.133	1.0	0.043	0.0	1.0	41.4	−4.7	−49.0	49.3	264	0.0	0.133	1.0	
264	263	265	0.0	0.116	1.0	41.5	−5.0	−49.0	49.2	264		0.0	0.173	1.0	42.1	−6.0	−49.2	49.7	263	0.0	0.117	1.0	0.155	0.0	1.0	40.8	−3.9	−49.1	49.3	265	0.0	0.117	1.0	
264	264	266	0.0	0.1	1.0	41.5	−5.0	−49.0	49.2	264		0.0	0.129	1.0	41.6	−5.1	−49.0	49.3	264	0.0	0.1	1.0	0.256	0.0	1.0	40.3	−3.1	−49.3	49.5	266	0.0	0.1	1.0	
264	265	267	0.0	0.083	1.0	41.5	−5.0	−49.0	49.2	264		0.111	0.0	1.0	41.0	−4.2	−49.0	49.3	265	0.0	0.083	1.0	0.284	0.0	1.0	39.8	−2.3	−49.5	49.6	267	0.0	0.083	1.0	
264	266	268	0.0	0.066	1.0	41.5	−5.0	−49.0	49.2	264		0.24	0.0	1.0	40.4	−3.3	−49.2	49.4	266	0.0	0.067	1.0	0.313	0.0	1.0	39.4	−1.6	−49.7	49.8	268	0.0	0.067	1.0	
264	267	269	0.0	0.049	1.0	41.5	−5.0	−49.0	49.2	264		0.279	0.0	1.0	39.9	−2.5	−49.5	49.6	267	0.0	0.05	1.0	0.342	0.0	1.0	38.9	−0.8	−49.9	50.0	269	0.0	0.05	1.0	
264	268	269	0.0	0.033	1.0	41.5	−5.0	−49.0	49.2	264		0.31	0.0	1.0	39.4	−1.6	−49.7	49.8	268	0.0	0.033	1.0	0.371	0.0	1.0	38.5	0.0	−50.0	50.1	269	0.0	0.033	1.0	
264	269	270	0.0	0.016	1.0	41.5	−5.0	−49.0	49.2	264		0.342	0.0	1.0	38.9	−0.8	−49.9	50.0	269	0.0	0.017	1.0	0.385	0.0	1.0	38.2	0.7	−49.9	50.0	270	0.0	0.017	1.0	
264	270	271	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264	B_d	0.373	0.0	1.0	38.4	0.0	−50.1	50.2	270 B_s	0.0	0.0	1.0	0.397	0.0	1.0	38.1	1.5	−49.8	49.9	271 B_e	0.0	0.0	1.0	
264	271	272	0.016	0.0	1.0	41.4	−4.9	−49.0	49.2	264		0.387	0.0	1.0	38.2	0.9	−49.9	50.0	271	0.017	0.0	1.0	0.409	0.0	1.0	37.9	2.3	−49.6	49.7	272	0.017	0.0	1.0	
264	272	273	0.033	0.0	1.0	41.4	−4.8	−49.0	49.2	264		0.4	0.0	1.0	38.0	1.7	−49.7	49.8	272	0.033	0.0	1.0	0.422	0.0	1.0	37.7	3.1	−49.4	49.6	273	0.033	0.0	1.0	
264	273	274	0.05	0.0	1.0	41.3	−4.7	−49.0	49.2	264		0.414	0.0	1.0	37.8	2.6	−49.5	49.7	273	0.05	0.0	1.0	0.434	0.0	1.0	37.5	3.9	−49.2	49.4	274	0.05	0.0	1.0	
264	274	275	0.066	0.0	1.0	41.2	−4.6	−49.0	49.2	264		0.427	0.0	1.0	37.6	3.5	−49.3	49.5	274	0.067	0.0	1.0	0.447	0.0	1.0	37.3	4.7	−48.9	49.3	275	0.067	0.0	1.0	
264	275	276	0.083	0.0	1.0	41.1	−4.4	−49.0	49.2	264		0.44	0.0	1.0	37.4	4.3	−49.1	49.4	275	0.083	0.0	1.0	0.459	0.0	1.0	37.1	5.5	−48.7	49.1	276	0.083	0.0	1.0	
264	276	277	0.1	0.0	1.0	41.0	−4.3	−49.0	49.2	264		0.453	0.0	1.0	37.2	5.1	−48.8	49.2	276	0.1	0.0	1.0	0.471	0.0	1.0	36.9	6.3	−48.4	49.0	277	0.1	0.0	1.0	
265	277	278	0.116	0.0	1.0	40.9	−4.2	−49.0	49.2	265		0.466	0.0	1.0	37.0	6.0	−48.6	49.0	277	0.117	0.0	1.0	0.484	0.0	1.0	36.7	7.1	−48.2	48.8	278	0.117	0.0	1.0	
265	278	279	0.133	0.0	1.0	40.9	−4.1	−49.1	49.2	265		0.479	0.0	1.0	36.8	6.8	−48.3	48.9	278	0.133	0.0	1.0	0.496	0.0	1.0	36.5	7.9	−47.9	48.6	279	0.133	0.0	1.0	
265	279	280	0.15	0.0	1.0	40.8	−4.0	−49.1	49.3	265		0.492	0.0	1.0	36.6	7.6	−48.0	48.7	279	0.15	0.0	1.0	0.505	0.0	1.0	36.5	8.6	−47.6	48.5	280	0.15	0.0	1.0	
265	280	281	0.166	0.0	1.0	40.7	−3.9	−49.1	49.3	265		0.503	0.0	1.0	36.5	8.4	−47.7	48.5	280	0.167	0.0	1.0	0.513	0.0	1.0	36.5	9.4	−47.4	48.4	281	0.167	0.0	1.0	
265	281	282	0.183	0.0	1.0	40.6	−3.8	−49.2	49.3	265		0.511	0.0	1.0	36.5	9.2	−47.4	48.4	281	0.183	0.0	1.0	0.52	0.0	1.0	36.6	10.2	−47.1	48.3	282	0.183	0.0	1.0	
265	282	283	0.2	0.0	1.0	40.5	−3.7	−49.2	49.3	265		0.519	0.0	1.0	36.6	10.0	−47.2	48.3	282	0.2	0.0	1.0	0.528	0.0	1.0	36.7	10.9	−46.8	48.2	283	0.2	0.0	1.0	
265	283	284	0.216	0.0	1.0	40.5	−3.5	−49.2	49.4	265		0.527	0.0	1.0	36.6	10.8	−46.9	48.2	283	0.217	0.0	1.0	0.535	0.0	1.0	36.7	11.7	−46.5	48.1	284	0.217	0.0	1.0	
265	284	285	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265		0.535	0.0	1.0	36.7	11.6	−46.6	48.1	284	0.233	0.0	1.0	0.543	0.0	1.0	36.8	12.4	−46.2	48.0	285	0.233	0.0	1.0	
266	285	285	0.25	0.0	1.0	40.3	−3.3	−49.3	49.4	266		0.542	0.0	1.0	36.8	12.4	−46.2	48.0	285	0.25	0.0	1.0	0.55	0.0	1.0	36.8	13.2	−45.9	47.9	285	0.25	0.0	1.0	
266	286	286	0.266	0.0	1.0	40.0	−2.9	−49.4	49.5	266		0.55	0.0	1.0	36.8	13.2	−45.9	47.9	286	0.267	0.0	1.0	0.557	0.0	1.0	36.9	13.9	−45.6	47.8	286	0.267	0.0	1.0	
267	287	287	0.283	0.0	1.0	39.8	−2.4	−49.5	49.6	267		0.558	0.0	1.0	36.9	14.0	−45.6	47.7	287	0.283	0.0	1.0	0.565	0.0	1.0	36.9	14.6	−45.2	47.6	287	0.283	0.0	1.0	
267	288	288	0.3	0.0	1.0	39.5	−2.0	−49.6	49.7	267		0.566	0.0	1.0	36.9	14.7	−45.2	47.6	288	0.3	0.0	1.0	0.572	0.0	1.0	37.0	15.3	−44.9	47.5	288	0.3	0.0	1.0	
268	289	289	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268		0.574	0.0	1.0	37.0	15.5	−44.8	47.5	289	0.317	0.0	1.0	0.58	0.0	1.0	37.0	16.0	−44.5	47.4	289	0.317	0.0	1.0	
268	290	290	0.333	0.0	1.0	39.0	−1.1	−49.9	49.9	268		0.582	0.0	1.0	37.0	16.2	−44.4	47.4	290	0.333	0.0	1.0	0.587	0.0	1.0	37.1	16.7	−44.2	47.3	290	0.333	0.0	1.0	
269	291	291	0.35	0.0	1.0	38.7	−0.6	−50.0	50.0	269		0.59	0.0	1.0	37.1	16.9	−44.0	47.3	291	0.35	0.0	1.0	0.595	0.0	1.0	37.1	17.4	−43.8	47.2	291	0.35	0.0	1.0	
269	292	292	0.366	0.0	1.0	38.5	−0.1	−50.1	50.1	269		0.598	0.0	1.0	37.1	17.7	−43.6	47.2	292	0.367	0.0	1.0	0.602	0.0	1.0	37.2	18.1	−43.4	47.1	292	0.367	0.0	1.0	
270	293	293	0.383	0.0	1.0	38.2	0.6	−50.0	50.0	270		0.606	0.0	1.0	37.2	18.4	−43.2	47.0	293	0.383	0.0	1.0	0.61	0.0	1.0	37.2	18.8	−43.0	47.0	293	0.383	0.0	1.0	
271	294	294	0.4	0.0	1.0	38.0	1.7	−49.8	49.8	271		0.613	0.0	1.0	37.2	19.1	−42.8	46.9	294	0.4	0.0	1.0	0.617	0.0	1.0	37.3	19.4	−42.6	46.9	294	0.4	0.0	1.0	
273	295	295	0.416	0.0	1.0	37.7	2.8	−49.5	49.6	273		0.621	0.0	1.0	37.3	19.8	−42.3	46.8	295	0.417	0.0	1.0	0.625	0.0	1.0	37.3	20.1	−42.1	46.8	295	0.417	0.0	1.0	
274	296	296	0.433	0.0	1.0	37.4	3.8	−49.2	49.4	274		0.629	0.0	1.0	37.4	20.5	−41.9	46.8	296	0.433	0.0	1.0	0.631	0.0	1.0	37.5	20.8	−41.8	46.8	296	0.433	0.0	1.0	
275	297	297	0.45	0.0	1.0	37.2	4.9	−48.9	49.2	275		0.636	0.0	1.0	37.7	21.2	−41.6	46.8	297	0.45	0.0	1.0	0.638	0.0	1.0	37.7	21.5	−41.5	46.8	297	0.45	0.0	1.0	
277	298	298	0.466	0.0	1.0	36.9	6.0	−48.6	49.0	277		0.643	0.0	1.0	37.9	22.0	−41.2	46.8	298	0.467	0.0	1.0	0.645	0.0	1.0	38.0	22.2	−41.1	46.8	298	0.467	0.0	1.0	
278	299	299	0.483	0.0	1.0	36.7	7.0	−48.2	48.8	278		0.65	0.0	1.0	38.1	22.7	−40.8	46.8	299	0.483	0.0	1.0	0.652	0.0	1.0	38.2	22.9	−40.8	46.8	299	0.483	0.0	1.0	
279	300	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279		0.657	0.0	1.0	38.4	23.4	−40.4	46.8	300	0.5	0.0	1.0	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300	0.5	0.0	1.0	



RE710−70 1−0031434−L0 LAB*la0, YN=0%, XYZnw=2.0, 2.1, 2.1, 85.9, 90.9, 95.1, LAB*nw=15.8, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 15/33

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb*−*LabCh**tables

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

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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
279	300	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279	0.657	0.0	1.0	38.4	23.4	−40.4	46.8	300	0.5	0.0	1.0	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300	0.5	0.0	1.0			
281	301	301	0.516	0.0	1.0	36.5	9.8	−47.3	48.3	281	0.664	0.0	1.0	38.6	24.1	−40.0	46.8	301	0.517	0.0	1.0	0.665	0.0	1.0	38.6	24.2	−40.0	46.8	301	0.517	0.0	1.0			
283	302	302	0.533	0.0	1.0	36.6	11.5	−46.7	48.1	283	0.671	0.0	1.0	38.8	24.8	−39.6	46.8	302	0.533	0.0	1.0	0.672	0.0	1.0	38.8	24.9	−39.6	46.8	302	0.533	0.0	1.0			
285	303	303	0.55	0.0	1.0	36.8	13.1	−46.0	47.8	285	0.678	0.0	1.0	39.1	25.5	−39.2	46.9	303	0.55	0.0	1.0	0.678	0.0	1.0	39.1	25.5	−39.2	46.9	303	0.55	0.0	1.0			
288	304	303	0.566	0.0	1.0	36.9	14.7	−45.2	47.6	288	0.685	0.0	1.0	39.3	26.2	−38.8	46.9	304	0.567	0.0	1.0	0.685	0.0	1.0	39.3	26.2	−38.8	46.9	303	0.567	0.0	1.0			
290	305	304	0.583	0.0	1.0	37.0	16.3	−44.4	47.3	290	0.692	0.0	1.0	39.5	26.9	−38.3	46.9	305	0.583	0.0	1.0	0.692	0.0	1.0	39.5	26.8	−38.3	46.9	304	0.583	0.0	1.0			
292	306	305	0.6	0.0	1.0	37.1	17.8	−43.6	47.1	292	0.699	0.0	1.0	39.8	27.6	−37.8	46.9	306	0.6	0.0	1.0	0.698	0.0	1.0	39.7	27.5	−37.9	46.9	305	0.6	0.0	1.0			
294	307	306	0.616	0.0	1.0	37.2	19.3	−42.6	46.8	294	0.706	0.0	1.0	40.0	28.2	−37.4	46.9	307	0.617	0.0	1.0	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306	0.617	0.0	1.0			
296	308	307	0.633	0.0	1.0	37.5	20.9	−41.8	46.7	296	0.713	0.0	1.0	40.2	28.9	−36.9	46.9	308	0.633	0.0	1.0	0.712	0.0	1.0	40.2	28.7	−37.0	46.9	307	0.633	0.0	1.0			
299	309	308	0.65	0.0	1.0	38.1	22.6	−40.9	46.8	299	0.72	0.0	1.0	40.5	29.5	−36.4	46.9	309	0.65	0.0	1.0	0.718	0.0	1.0	40.4	29.3	−36.5	46.9	308	0.65	0.0	1.0			
301	310	309	0.666	0.0	1.0	38.6	24.3	−39.9	46.8	301	0.728	0.0	1.0	40.7	30.2	−35.9	46.9	310	0.667	0.0	1.0	0.725	0.0	1.0	40.6	30.0	−36.0	46.9	309	0.667	0.0	1.0			
303	311	310	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303	0.735	0.0	1.0	40.9	30.8	−35.3	47.0	311	0.683	0.0	1.0	0.732	0.0	1.0	40.8	30.6	−35.6	47.0	310	0.683	0.0	1.0			
306	312	311	0.7	0.0	1.0	39.7	27.6	−37.8	46.8	306	0.742	0.0	1.0	41.2	31.4	−34.8	47.0	312	0.7	0.0	1.0	0.738	0.0	1.0	41.0	31.2	−35.1	47.0	311	0.7	0.0	1.0			
308	313	312	0.716	0.0	1.0	40.3	29.1	−36.7	46.9	308	0.749	0.0	1.0	41.4	32.0	−34.3	47.0	313	0.717	0.0	1.0	0.745	0.0	1.0	41.3	31.7	−34.5	47.0	312	0.717	0.0	1.0			
310	314	313	0.733	0.0	1.0	40.8	30.6	−35.5	46.9	310	0.755	0.0	1.0	41.6	32.9	−33.9	47.3	314	0.733	0.0	1.0	0.752	0.0	1.0	41.5	32.4	−34.1	47.1	313	0.733	0.0	1.0			
313	315	314	0.75	0.0	1.0	41.4	32.1	−34.2	46.9	313	0.762	0.0	1.0	41.8	33.7	−33.6	47.7	315	0.75	0.0	1.0	0.758	0.0	1.0	41.7	33.2	−33.8	47.4	314	0.75	0.0	1.0			
315	316	315	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315	0.768	0.0	1.0	42.1	34.6	−33.3	48.0	316	0.767	0.0	1.0	0.764	0.0	1.0	41.9	34.0	−33.5	47.8	315	0.767	0.0	1.0			
318	317	316	0.783	0.0	1.0	42.5	36.5	−32.5	48.9	318	0.775	0.0	1.0	42.3	35.4	−32.9	48.4	317	0.783	0.0	1.0	0.77	0.0	1.0	42.1	34.8	−33.2	48.2	316	0.783	0.0	1.0			
320	318	317	0.8	0.0	1.0	43.1	38.6	−31.4	49.8	320	0.781	0.0	1.0	42.5	36.3	−32.5	48.8	318	0.8	0.0	1.0	0.776	0.0	1.0	42.3	35.6	−32.8	48.5	317	0.8	0.0	1.0			
323	319	318	0.816	0.0	1.0	43.7	40.8	−30.2	50.8	323	0.788	0.0	1.0	42.7	37.1	−32.2	49.2	319	0.817	0.0	1.0	0.782	0.0	1.0	42.5	36.4	−32.5	48.9	318	0.817	0.0	1.0			
326	320	319	0.833	0.0	1.0	44.3	42.9	−28.9	51.7	326	0.794	0.0	1.0	43.0	37.9	−31.7	49.5	320	0.833	0.0	1.0	0.789	0.0	1.0	42.8	37.2	−32.1	49.2	319	0.833	0.0	1.0			
328	321	320	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328	0.801	0.0	1.0	43.2	38.8	−31.3	49.9	321	0.85	0.0	1.0	0.795	0.0	1.0	43.0	38.0	−31.7	49.6	320	0.85	0.0	1.0			
331	322	321	0.866	0.0	1.0	45.4	47.0	−25.9	53.7	331	0.807	0.0	1.0	43.4	39.6	−30.9	50.3	322	0.867	0.0	1.0	0.801	0.0	1.0	43.2	38.8	−31.3	49.9	321	0.867	0.0	1.0			
333	323	321	0.883	0.0	1.0	46.0	49.6	−24.5	55.3	333	0.814	0.0	1.0	43.6	40.5	−30.4	50.7	323	0.883	0.0	1.0	0.807	0.0	1.0	43.4	39.6	−30.9	50.3	321	0.883	0.0	1.0			
336	324	322	0.9	0.0	1.0	46.6	52.8	−23.2	57.7	336	0.82	0.0	1.0	43.8	41.3	−29.9	51.0	324	0.9	0.0	1.0	0.813	0.0	1.0	43.6	40.4	−30.4	50.6	322	0.9	0.0	1.0			
338	325	323	0.916	0.0	1.0	47.2	56.0	−21.7	60.0	338	0.827	0.0	1.0	44.1	42.1	−29.4	51.4	325	0.917	0.0	1.0	0.819	0.0	1.0	43.8	41.2	−30.0	51.0	323	0.917	0.0	1.0			
341	326	324	0.933	0.0	1.0	47.8	59.1	−19.9	62.4	341	0.833	0.0	1.0	44.3	42.9	−28.9	51.8	326	0.933	0.0	1.0	0.826	0.0	1.0	44.0	42.0	−29.5	51.3	324	0.933	0.0	1.0			
343	327	325	0.95	0.0	1.0	48.4	62.2	−17.9	64.8	343	0.84	0.0	1.0	44.5	43.7	−28.3	52.2	327	0.95	0.0	1.0	0.832	0.0	1.0	44.2	42.7	−29.0	51.7	325	0.95	0.0	1.0			
346	328	326	0.966	0.0	1.0	48.9	65.3	−15.7	67.1	346	0.846	0.0	1.0	44.7	44.5	−27.7	52.5	328	0.967	0.0	1.0	0.838	0.0	1.0	44.5	43.5	−28.5	52.0	326	0.967	0.0	1.0			
349	329	327	0.983	0.0	1.0	49.5	68.2	−13.2	69.5	349	0.853	0.0	1.0	45.0	45.3	−27.1	52.9	329	0.983	0.0	1.0	0.844	0.0	1.0	44.7	44.3	−27.9	52.4	327	0.983	0.0	1.0			
351	330	328	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351	M_d 0.859	0.0	1.0	45.2	46.1	−26.5	53.3	330	M_s 1.0	0.0	1.0	0.85	0.0	1.0	44.9	45.0	−27.4	52.8	328	M_e 1.0	0.0	1.0			
351	331	329	1.0	0.0	0.983	49.9	71.5	−10.1	72.2	351	0.866	0.0	1.0	45.4	46.9	−25.9	53.7	331	1.0	0.0	0.983	0.856	0.0	1.0	45.1	45.8	−26.8	53.1	329	1.0	0.0	0.983			
352	332	330	1.0	0.0	0.966	49.7	71.9	−9.8	72.5	352	0.872	0.0	1.0	45.6	47.7	−25.3	54.0	332	1.0	0.0	0.967	0.862	0.0	1.0	45.3	46.5	−26.2	53.5	330	1.0	0.0	0.967			
352	333	331	1.0	0.0	0.95	49.6	72.3	−9.4	72.9	352	0.879	0.0	1.0	45.9	48.7	−24.7	54.7	333	1.0	0.0	0.95	0.869	0.0	1.0	45.5	47.3	−25.6	53.8	331	1.0	0.0	0.95			
352	334	332	1.0	0.0	0.933	49.4	72.7	−9.0	73.2	352	0.885	0.0	1.0	46.1	50.0	−24.3	55.6	334	1.0	0.0	0.933	0.875	0.0	1.0	45.7	48.0	−25.0	54.2	332	1.0	0.0	0.933			
353	335	333	1.0	0.0	0.916	49.2	73.1	−8.6	73.6	353	0.892	0.0	1.0	46.3	51.3	−23.8	56.6	335	1.0	0.0	0.917	0.881	0.0	1.0	46.0	49.2	−24.6	55.0	333	1.0	0.0	0.917			
353	336	334	1.0	0.0	0.9	49.0	73.4	−8.2	73.9	353	0.898	0.0	1.0	46.6	52.5	−23.3	57.5	336	1.0	0.0	0.9	0.887	0.0	1.0	46.2	50.4	−24.1	55.9	334	1.0	0.0	0.9			
353	337	335	1.0	0.0	0.883	48.8	73.8	−7.9	74.3	353	0.905	0.0	1.0	46.8	53.8	−22.7	58.4	337	1.0	0.0	0.883	0.893	0.0	1.0	46.4	51.6	−23.7	56.8	335	1.0	0.0	0.883			
354	338	336	1.0	0.0	0.866	48.6	74.0	−7.3	74.3	354	0.911	0.0	1.0	47.0	55.0	−22.1	59.3	338	1.0	0.0	0.867	0.899	0.0	1.0	46.6	52.8	−23.2	57.7	336	1.0	0.0	0.867			
354	339	337	1.0	0.0	0.85	48.6	73.8	−6.5	74.1	354	0.918	0.0	1.0	47.3	56.3	−21.5	60.3	339	1.0	0.0	0.85	0.906	0.0	1.0	46.8	53.9	−22.6	58.5	337	1.0	0.0	0.85			
355	340	338	1.0	0.0	0.833	48.5	73.6	−5.7	73.9	355	0.924	0.0	1.0	47.5	57.5	−20.8	61.2	340	1.0	0.0	0.833	0.912	0.0	1.0	47.1	55.1	−22.1	59.4	338	1.0	0.0	0.833			
356	341	339	1.0	0.0	0.816	48.5	73.5	−4.9	73.6	356	0.931	0.0	1.0	47.7	58.7	−20.1	62.1	341	1.0	0.0	0.817	0.918	0.0	1.0	47.3	56.3	−21.5	60.3	339	1.0	0.0	0.817			
356	342	339	1.0	0.0	0.8	48.4	73.3	−4.1	73.4	356	0.937	0.0	1.0	48.0	59.9	−19.4	63.0	342	1.0	0.0	0.8	0.924	0.0	1.0	47.5	57.5	−20.8	61.2	339	1.0	0.0	0.8			
357	343	340	1.0	0.0	0.783	48.4	73.1	−3.3	73.2	357	0.944	0.0	1.0	48.2	61.2	−18.6	64.0	343	1.0	0.0	0.783	0.93	0.0	1.0	47.7	58.6	−20.2	62.0	340	1.0	0.0	0.783			
357	344	341	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357	0.951	0.0	1.0	48.4	62.4	−17.8	64.9	344	1.0	0.0	0.767	0.937	0.0	1.0	47.9	59.8	−19.5	62.9	341	1.0	0.0	0.767			
358	345	342	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358	0.957	0.0	1.0	48.7	63.6	−16.9	65.8	345	1.0	0.0	0.75	0.943	0.0	1.0	48.2	61.0	−18.7	63.8	342	1.0	0.0	0.75			

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb−LabCh**tables

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

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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*$_{de}$
358	345	342	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358	0.957	0.0	1.0	48.7	63.6	−16.9	65.8	345	1.0	0.0	0.75	0.943	0.0	1.0	48.2	61.0	−18.7	63.8	342	1.0	0.0	0.75			
359	346	343	1.0	0.0	0.733	48.3	72.4	−0.8	72.4	359	0.964	0.0	1.0	48.9	64.7	−16.0	66.7	346	1.0	0.0	0.733	0.949	0.0	1.0	48.4	62.1	−18.0	64.7	343	1.0	0.0	0.733			
360	347	344	1.0	0.0	0.716	48.3	72.1	0.1	72.1	360	0.97	0.0	1.0	49.1	65.9	−15.1	67.7	347	1.0	0.0	0.717	0.955	0.0	1.0	48.6	63.2	−17.2	65.5	344	1.0	0.0	0.717			
360	348	345	1.0	0.0	0.7	48.3	71.8	1.1	71.8	360	0.977	0.0	1.0	49.4	67.1	−14.2	68.6	348	1.0	0.0	0.7	0.961	0.0	1.0	48.8	64.4	−16.3	66.4	345	1.0	0.0	0.7			
361	349	346	1.0	0.0	0.683	48.3	71.5	2.1	71.5	361	0.983	0.0	1.0	49.6	68.2	−13.2	69.5	349	1.0	0.0	0.683	0.968	0.0	1.0	49.0	65.5	−15.5	67.3	346	1.0	0.0	0.683			
362	350	347	1.0	0.0	0.666	48.3	71.1	3.1	71.2	362	0.99	0.0	1.0	49.8	69.4	−12.1	70.4	350	1.0	0.0	0.667	0.974	0.0	1.0	49.3	66.6	−14.6	68.2	347	1.0	0.0	0.667			
363	351	348	1.0	0.0	0.65	48.3	70.8	4.1	70.9	363	0.996	0.0	1.0	50.0	70.5	−11.1	71.4	351	1.0	0.0	0.65	0.98	0.0	1.0	49.5	67.7	−13.7	69.1	348	1.0	0.0	0.65			
364	352	349	1.0	0.0	0.633	48.3	70.4	5.1	70.6	364	1.0	0.0	0.979	49.9	71.6	−10.0	72.3	352	1.0	0.0	0.633	0.986	0.0	1.0	49.7	68.8	−12.7	69.9	349	1.0	0.0	0.633			
364	353	350	1.0	0.0	0.616	48.3	70.1	6.0	70.4	364	1.0	0.0	0.928	49.3	72.8	−8.8	73.4	353	1.0	0.0	0.617	0.992	0.0	1.0	49.9	69.8	−11.7	70.8	350	1.0	0.0	0.617			
365	354	351	1.0	0.0	0.6	48.3	69.9	6.8	70.3	365	1.0	0.0	0.878	48.8	74.0	−7.7	74.4	354	1.0	0.0	0.6	0.999	0.0	1.0	50.1	70.9	−10.7	71.7	351	1.0	0.0	0.6			
366	355	352	1.0	0.0	0.583	48.3	69.7	7.7	70.1	366	1.0	0.0	0.849	48.6	73.8	−6.4	74.1	355	1.0	0.0	0.583	1.0	0.0	0.963	49.8	72.0	−9.6	72.6	352	1.0	0.0	0.583			
367	356	353	1.0	0.0	0.566	48.3	69.5	8.5	70.0	367	1.0	0.0	0.821	48.6	73.6	−5.0	73.7	356	1.0	0.0	0.567	1.0	0.0	0.916	49.2	73.1	−8.6	73.6	353	1.0	0.0	0.567			
367	357	354	1.0	0.0	0.55	48.3	69.2	9.4	69.9	367	1.0	0.0	0.793	48.5	73.2	−3.7	73.3	357	1.0	0.0	0.55	1.0	0.0	0.871	48.7	74.0	−7.4	74.4	354	1.0	0.0	0.55			
368	358	355	1.0	0.0	0.533	48.3	69.0	10.2	69.7	368	1.0	0.0	0.765	48.4	72.9	−2.4	73.0	358	1.0	0.0	0.533	1.0	0.0	0.845	48.6	73.8	−6.2	74.1	355	1.0	0.0	0.533			
369	359	356	1.0	0.0	0.516	48.3	68.7	11.0	69.6	369	1.0	0.0	0.741	48.3	72.6	−1.2	72.6	359	1.0	0.0	0.517	1.0	0.0	0.818	48.5	73.5	−4.9	73.7	356	1.0	0.0	0.517			
369	360	352	1.0	0.0	0.5	48.3	68.4	11.9	69.5	369	1.0	0.0	0.72	48.3	72.2	0.0	72.2	360	1.0	0.0	0.5	1.0	0.0	0.976	49.9	71.7	−9.9	72.4	352	1.0	0.0	0.5			
370	361	353	1.0	0.0	0.483	48.3	68.1	13.0	69.4	370	1.0	0.0	0.699	48.3	71.8	1.3	71.8	361	1.0	0.0	0.483	1.0	0.0	0.919	49.2	73.0	−8.6	73.6	353	1.0	0.0	0.483			
371	362	354	1.0	0.0	0.466	48.3	67.8	14.2	69.3	371	1.0	0.0	0.678	48.4	71.4	2.5	71.5	362	1.0	0.0	0.467	1.0	0.0	0.869	48.7	74.0	−7.3	74.4	354	1.0	0.0	0.467			
372	363	355	1.0	0.0	0.45	48.4	67.4	15.3	69.2	372	1.0	0.0	0.657	48.4	71.0	3.7	71.1	363	1.0	0.0	0.45	1.0	0.0	0.838	48.6	73.7	−5.8	74.0	355	1.0	0.0	0.45			
373	364	356	1.0	0.0	0.433	48.4	67.1	16.5	69.1	373	1.0	0.0	0.636	48.4	70.6	4.9	70.7	364	1.0	0.0	0.433	1.0	0.0	0.807	48.5	73.4	−4.4	73.5	356	1.0	0.0	0.433			
374	365	357	1.0	0.0	0.416	48.4	66.7	17.6	69.0	374	1.0	0.0	0.614	48.4	70.2	6.1	70.4	365	1.0	0.0	0.417	1.0	0.0	0.776	48.4	73.0	−2.9	73.1	357	1.0	0.0	0.417			
375	366	358	1.0	0.0	0.4	48.4	66.3	18.8	68.9	375	1.0	0.0	0.591	48.4	69.9	7.3	70.2	366	1.0	0.0	0.4	1.0	0.0	0.746	48.3	72.7	−1.5	72.7	358	1.0	0.0	0.4			
376	367	359	1.0	0.0	0.383	48.4	65.9	19.9	68.8	376	1.0	0.0	0.567	48.4	69.5	8.5	70.1	367	1.0	0.0	0.383	1.0	0.0	0.723	48.3	72.3	−0.1	72.3	359	1.0	0.0	0.383			
377	368	360	1.0	0.0	0.366	48.4	65.6	21.1	68.9	377	1.0	0.0	0.544	48.4	69.2	9.7	69.9	368	1.0	0.0	0.367	1.0	0.0	0.7	48.3	71.8	1.2	71.8	360	1.0	0.0	0.367			
378	369	362	1.0	0.0	0.35	48.4	65.5	22.3	69.2	378	1.0	0.0	0.52	48.4	68.8	10.9	69.7	369	1.0	0.0	0.35	1.0	0.0	0.676	48.4	71.4	2.6	71.4	362	1.0	0.0	0.35			
379	370	363	1.0	0.0	0.333	48.4	65.3	23.5	69.4	379	1.0	0.0	0.498	48.4	68.4	12.1	69.5	370	1.0	0.0	0.333	1.0	0.0	0.653	48.4	70.9	4.0	71.0	363	1.0	0.0	0.333			
380	371	364	1.0	0.0	0.316	48.3	65.1	24.8	69.7	380	1.0	0.0	0.481	48.4	68.1	13.2	69.4	371	1.0	0.0	0.317	1.0	0.0	0.63	48.4	70.4	5.3	70.6	364	1.0	0.0	0.317			
381	372	365	1.0	0.0	0.3	48.3	65.0	26.0	70.0	381	1.0	0.0	0.464	48.4	67.8	14.4	69.3	372	1.0	0.0	0.3	1.0	0.0	0.604	48.4	70.0	6.7	70.4	365	1.0	0.0	0.3			
382	373	366	1.0	0.0	0.283	48.3	64.7	27.3	70.3	382	1.0	0.0	0.448	48.4	67.4	15.6	69.2	373	1.0	0.0	0.283	1.0	0.0	0.578	48.4	69.7	8.0	70.1	366	1.0	0.0	0.283			
383	374	367	1.0	0.0	0.266	48.3	64.5	28.5	70.5	383	1.0	0.0	0.431	48.4	67.1	16.7	69.1	374	1.0	0.0	0.267	1.0	0.0	0.552	48.4	69.3	9.3	69.9	367	1.0	0.0	0.267			
384	375	368	1.0	0.0	0.25	48.3	64.2	29.8	70.8	384	1.0	0.0	0.414	48.4	66.7	17.9	69.0	375	1.0	0.0	0.25	1.0	0.0	0.526	48.4	68.9	10.6	69.7	368	1.0	0.0	0.25			
385	376	369	1.0	0.0	0.233	48.3	64.2	30.8	71.2	385	1.0	0.0	0.397	48.5	66.3	19.0	68.9	376	1.0	0.0	0.233	1.0	0.0	0.5	48.4	68.5	11.9	69.5	369	1.0	0.0	0.233			
386	377	370	1.0	0.0	0.216	48.3	64.1	31.9	71.6	386	1.0	0.0	0.38	48.5	65.8	20.1	68.8	377	1.0	0.0	0.217	1.0	0.0	0.481	48.4	68.1	13.2	69.4	370	1.0	0.0	0.217			
387	378	372	1.0	0.0	0.2	48.3	64.0	33.0	72.0	387	1.0	0.0	0.364	48.5	65.6	21.3	69.0	378	1.0	0.0	0.2	1.0	0.0	0.462	48.4	67.8	14.5	69.3	372	1.0	0.0	0.2			
388	379	373	1.0	0.0	0.183	48.3	63.9	34.0	72.4	388	1.0	0.0	0.347	48.4	65.5	22.6	69.3	379	1.0	0.0	0.183	1.0	0.0	0.444	48.4	67.4	15.8	69.2	373	1.0	0.0	0.183			
388	380	374	1.0	0.0	0.166	48.4	63.8	35.1	72.8	388	1.0	0.0	0.331	48.4	65.3	23.8	69.5	380	1.0	0.0	0.167	1.0	0.0	0.425	48.4	66.9	17.1	69.1	374	1.0	0.0	0.167			
389	381	375	1.0	0.0	0.15	48.4	63.6	36.2	73.2	389	1.0	0.0	0.314	48.4	65.2	25.0	69.8	381	1.0	0.0	0.15	1.0	0.0	0.406	48.4	66.5	18.4	69.0	375	1.0	0.0	0.15			
390	382	376	1.0	0.0	0.133	48.4	63.4	37.3	73.6	390	1.0	0.0	0.298	48.4	65.0	26.3	70.1	382	1.0	0.0	0.133	1.0	0.0	0.388	48.5	66.0	19.6	68.9	376	1.0	0.0	0.133			
391	383	377	1.0	0.0	0.116	48.4	63.4	38.1	74.0	391	1.0	0.0	0.281	48.3	64.8	27.5	70.4	383	1.0	0.0	0.117	1.0	0.0	0.369	48.5	65.7	20.9	68.9	377	1.0	0.0	0.117			
391	384	378	1.0	0.0	0.1	48.4	63.4	38.7	74.3	391	1.0	0.0	0.264	48.3	64.5	28.7	70.6	384	1.0	0.0	0.1	1.0	0.0	0.351	48.4	65.5	22.3	69.2	378	1.0	0.0	0.1			
391	385	379	1.0	0.0	0.083	48.3	63.4	39.4	74.6	391	1.0	0.0	0.247	48.3	64.3	30.0	70.9	385	1.0	0.0	0.083	1.0	0.0	0.332	48.4	65.4	23.7	69.5	379	1.0	0.0	0.083			
392	386	381	1.0	0.0	0.066	48.3	63.4	40.0	74.9	392	1.0	0.0	0.226	48.3	64.2	31.3	71.4	386	1.0	0.0	0.067	1.0	0.0	0.314	48.4	65.2	25.0	69.8	381	1.0	0.0	0.067			
392	387	382	1.0	0.0	0.049	48.2	63.4	40.6	75.3	392	1.0	0.0	0.206	48.4	64.1	32.7	71.9	387	1.0	0.0	0.05	1.0	0.0	0.295	48.4	64.9	26.4	70.1	382	1.0	0.0	0.05			
393	388	383	1.0	0.0	0.033	48.2	63.3	41.2	75.6	393	1.0	0.0	0.185	48.4	64.0	34.0	72.4	388	1.0	0.0	0.033	1.0	0.0	0.277	48.3	64.7	27.8	70.4	383	1.0	0.0	0.033			
393	389	384	1.0	0.0	0.016	48.1	63.3	41.8	75.9	393	1.0	0.0	0.164	48.4	63.8	35.4	72.9	389	1.0	0.0	0.017	1.0	0.0	0.258	48.3	64.4	29.2	70.7	384	1.0	0.0	0.017			
393	390	385	1.0	0.0	0.0	48.1	63.3	42.5	76.2	393	R_d	1.0	0.0	0.143	48.5	63.6	36.7	73.4	390	R_s	1.0	0.0	0.0	1.0	0.0	0.237	48.3	64.2	30.6	71.2	385	R_e	1.0	0.0	0.0			

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb−LabCh**tables

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

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)
TUB material: code=rha4ta

n/j	HIC*$_{Fd}$	*rgb*$_{F}$			*ict*$_{F}$			$h_{si\_F,d}$	*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	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	0.0	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
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	48.7	62.0	44.2	76.2	35.4	1.0	0.125	0.0	48.8	62.0	44.3	76.2	35.6	0.1	36	1.0	0.116	0.0	48.7	62.0	44.2	76.2	35.4
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	49.7	60.1	49.4	77.8	39.4	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40.0	0.8	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
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	54.8	50.1	56.8	75.7	48.5	1.0	0.375	0.0	55.1	49.4	57.2	75.6	49.1	0.8	51	1.0	0.366	0.0	54.8	50.1	56.8	75.7	48.5
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	63.4	33.2	64.3	72.4	62.6	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6	0.0	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
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	73.1	15.4	73.8	75.4	78.1	1.0	0.625	0.0	72.5	16.3	73.1	74.9	77.4	1.2	68	1.0	0.633	0.0	73.1	15.4	73.8	75.4	78.1
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	82.3	−0.3	83.5	83.5	90.2	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89.2	2.1	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
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	89.0	−11.4	90.9	91.7	97.1	1.0	0.875	0.0	88.7	−11.0	90.6	91.3	96.9	0.5	83	1.0	0.883	0.0	89.0	−11.4	90.9	91.7	97.1
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	92.8	−17.5	95.2	96.8	100.4	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	0.0	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
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	84.3	−26.8	81.2	85.5	108.2	0.875	1.0	0.0	83.7	−27.3	80.1	84.7	108.8	1.3	96	0.883	1.0	0.0	84.3	−26.8	81.2	85.5	108.2
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	75.6	−36.7	67.3	76.7	118.6	0.75	1.0	0.0	74.4	−37.9	65.2	75.5	120.1	2.6	102	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6
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	67.7	−45.5	54.7	71.2	129.7	0.625	1.0	0.0	67.3	−45.9	53.9	70.9	130.4	1.0	111	0.633	1.0	0.0	67.7	−45.5	54.7	71.2	129.7
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	61.7	−53.9	46.2	71.0	139.3	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3	0.0	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
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	60.3	−56.6	43.9	71.6	142.2	0.375	1.0	0.0	60.5	−56.5	44.0	71.6	142.0	0.2	128	0.366	1.0	0.0	60.3	−56.6	43.9	71.6	142.2
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	58.6	−59.0	41.0	71.9	145.1	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145.1	0.0	137	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1
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	58.5	−59.5	40.8	72.2	145.5	0.125	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.0	143	0.116	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
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	58.5	−59.5	40.8	72.2	145.5	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.0	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
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	58.0	−60.3	40.4	72.6	146.1	0.0	1.0	0.125	57.9	−60.4	40.4	72.7	146.1	0.0	156	0.0	1.0	0.116	58.0	−60.3	40.4	72.6	146.1
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	57.6	−60.5	39.1	72.1	147.1	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147.2	0.2	162	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147.1
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	57.2	−61.4	37.7	72.1	148.4	0.0	1.0	0.375	57.2	−61.5	37.6	72.1	148.5	0.1	171	0.0	1.0	0.366	57.2	−61.4	37.7	72.1	148.4
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	57.1	−60.7	32.7	68.9	151.6	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6	0.0	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
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	57.3	−59.2	27.8	65.4	154.7	0.0	1.0	0.625	57.3	−59.4	28.6	65.9	154.2	0.7	188	0.0	1.0	0.633	57.3	−59.2	27.8	65.4	154.7
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	58.6	−54.4	15.5	56.5	164.0	0.0	1.0	0.75	58.4	−55.1	18.4	58.1	161.5	2.9	197	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164.0
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	59.7	−46.3	−1.9	46.4	182.4	0.0	1.0	0.875	59.9	−46.4	−0.4	46.4	180.5	1.5	203	0.0	1.0	0.883	59.7	−46.3	−1.9	46.4	182.4
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	57.0	−40.5	−21.8	46.1	208.3	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3	0.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
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	53.5	−35.7	−36.3	51.0	225.5	0.0	0.875	1.0	53.3	−35.2	−37.3	51.3	226.7	1.1	216	0.0	0.883	1.0	53.5	−35.7	−36.3	51.0	225.5
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	52.7	−26.5	−48.6	55.4	241.3	0.0	0.75	1.0	52.6	−24.9	−50.1	56.0	243.5	2.2	222	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241.3
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	49.6	−19.6	−50.3	54.0	248.6	0.0	0.625	1.0	49.4	−19.3	−50.3	53.8	248.9	0.4	231	0.0	0.633	1.0	49.6	−19.6	−50.3	54.0	248.6
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	47.1	−14.6	−50.0	52.1	253.6	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6	0.0	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
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	45.1	−11.2	−49.7	50.9	257.2	0.0	0.375	1.0	45.3	−11.4	−49.7	51.0	256.9	0.2	248	0.0	0.366	1.0	45.1	−11.2	−49.7	50.9	257.2
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	42.7	−7.3	−49.6	50.1	261.6	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261.2	0.4	257	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261.6
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	41.5	−5.0	−49.0	49.2	264.0	0.0	0.125	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	263	0.0	0.116	1.0	41.5	−5.0	−49.0	49.2	264.0
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	41.5	−5.0	−49.0	49.2	264.0	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
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	40.9	−4.2	−49.0	49.2	265.0	0.125	0.0	1.0	40.9	−4.1	−49.0	49.2	265.1	0.0	276	0.116	0.0	1.0	40.9	−4.2	−49.0	49.2	265.0
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	40.4	−3.4	−49.3	49.4	265.9	0.25	0.0	1.0	40.3	−3.3	−49.3	49.4	266.0	0.1	282	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9
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	38.5	−0.1	−50.1	50.1	269.7	0.375	0.0	1.0	38.3	0.0	−50.1	50.1	270.0	0.2	291	0.366	0.0	1.0	38.5	−0.1	−50.1	50.1	269.7
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	36.4	8.1	−47.9	48.5	279.6	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6	0.0	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
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	37.5	20.9	−41.8	46.7	296.6	0.625	0.0	1.0	37.3	20.1	−42.2	46.7	295.4	1.0	308	0.633	0.0	1.0	37.5	20.9	−41.8	46.7	296.6
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	42.0	34.3	−33.4	47.9	315.7	0.75	0.0	1.0	41.4	32.1	−34.2	46.9	313.1	2.4	317	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7
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	46.0	49.6	−24.5	55.3	333.7	0.875	0.0	1.0	45.7	48.0	−25.0	54.1	332.4	1.7	323	0.883	0.0	1.0	46.0	49.6	−24.5	55.3	333.7
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	50.1	71.1	−10.5	71.8	351.5	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	0.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
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	48.8	73.8	−7.9	74.3	353.8	1.0	0.0	0.875	48.7	74.0	−7.7	74.4	354.0	0.2	336	1.0	0.0	0.883	48.8	73.8	−7.9	74.3	353.8
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	48.3	72.9	−2.6	72.9	357.9	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358.5	0.7	342	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9
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	48.3	70.4	5.1	70.6	4.1	1.0	0.0	0.625	48.3	70.3	5.5	70.5	364.5	0.5	351	1.0	0.0	0.633	48.3	70.4	5.1	70.6	4.1
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	48.3	68.4	11.9	69.5	9.8	1.0	0.0	0.5	48.3	68.4	11.9	69.5	369.8	0.0	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
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	48.4	65.6	21.1	68.9	17.8	1.0	0.0	0.375	48.4	65.6	20.4	68.8	377.3	0.6	368	1.0	0.0	0.366	48.4	65.6	21.1	68.9	17.8
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	48.3	64.2	30.8	71.2	25.6	1.0	0.0	0.25	48.3	64.2	29.8	70.8	384.8	1.0	377	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6
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	48.4	63.4	38.1	74.0	31.0	1.0	0.0	0.125	48.4	63.4	37.8	73.8	390.8	0.3	383	1.0	0.0	0.116	48.4	63.4	38.1	74.0	31.0
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	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.1	63.3	42.5	76.2	393.8	0.0	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
49/0	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
50/91	NW_013$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	16.8	0.0	−0.2	0.2	263.1	8.9	360	1.0	1.0	1.0	96.3	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	35.9	0.0	0.0	0.0	0.0	0.25	0.25	0.25	24.0	0.0	−0.9	0.9	267.7	11.9	360	1.0	1.0	1.0	96.3	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	46.0	0.0	0.0	0.0	0.0	0.375	0.375	0.375	37.4	0.0	−1.0	1.0	273.1	8.6	360	1.0	1.0	1.0	96.3	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	56.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	50.7	0.0	−1.2	1.2	274.4	5.4	360	1.0	1.0	1.0	96.3	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	66.1	0.0	0.0	0.0	0.0	0.625	0.625	0.625	63.3	0.1	−1.0	1.0	276.6	3.0	360	1.0	1.0	1.0	96.3	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	76.2	0.0	0.0	0.0	0.0	0.75	0.75	0.75	73.1	0.2	−0.4	0.5	293.1	3.1	360	1.0	1.0	1.0	96.3	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	86.3	0.1	−0.2	0.2	313.1	0.2	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta *E**' = *1.2***

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
colors and differences, Δ*E**'

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

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

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	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	0.0	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
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	49.7	60.1	49.4	77.8	39.4	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40.0	0.8	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
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	63.4	33.2	64.3	72.4	62.6	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6	0.0	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
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	82.3	−0.3	83.5	83.5	90.2	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89.2	2.1	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
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	92.8	−17.5	95.2	96.8	100.4	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	0.0	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
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	75.6	−36.7	67.3	76.7	118.6	0.75	1.0	0.0	74.4	−37.9	65.2	75.5	120.1	2.6	102	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6
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	61.7	−53.9	46.2	71.0	139.3	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3	0.0	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
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	58.6	−59.0	41.0	71.9	145.1	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145.1	0.0	137	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1
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	58.5	−59.5	40.8	72.2	145.5	0.0	1.0	0.0	58.9	−58.6	41.3	71.8	144.8	1.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
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	58.5	−59.5	40.8	72.2	145.5	0.0	1.0	0.0	58.9	−58.6	41.3	71.8	144.8	1.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
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	57.1	−60.7	32.7	68.9	151.6	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6	0.0	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
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	57.0	−40.5	−21.8	46.1	208.3	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3	0.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
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	47.1	−14.6	−50.0	52.1	253.6	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6	0.0	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
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	41.5	−5.0	−49.0	49.2	264.0	0.0	0.0	1.0	40.4	−5.3	−47.8	48.1	263.6	1.6	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
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	36.4	8.1	−47.9	48.5	279.6	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6	0.0	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
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	50.1	71.1	−10.5	71.8	351.5	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	0.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
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	48.3	68.4	11.9	69.5	9.8	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8	0.0	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
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	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	0.0	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
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	72.2	31.6	21.2	38.1	33.8	1.0	0.5	0.5	63.1	41.5	16.5	44.7	21.7	14.2	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
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	79.9	16.6	32.1	36.2	62.6	1.0	0.75	0.5	82.3	4.7	42.3	42.6	83.5	15.7	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
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	94.6	−8.7	47.6	48.4	100.4	1.0	1.0	0.5	94.0	−15.5	60.3	62.3	104.4	14.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
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	79.0	−26.9	23.1	35.5	139.3	0.75	1.0	0.5	80.8	−27.6	36.1	45.5	127.4	13.1	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
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	77.4	−29.7	20.4	36.1	145.5	0.5	1.0	0.5	72.2	−36.6	27.9	46.0	142.6	11.4	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
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	76.7	−20.2	−10.9	23.0	208.3	0.5	1.0	1.0	74.0	−22.7	−14.0	26.7	211.6	4.7	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
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	68.9	−2.5	−24.5	24.6	264.0	0.5	0.5	1.0	54.2	−8.5	−41.5	42.4	258.4	23.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
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	73.2	35.5	−5.2	35.9	351.5	1.0	0.5	1.0	63.2	47.8	−12.3	49.4	345.4	17.3	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
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	72.2	31.6	21.2	38.1	33.8	1.0	0.5	0.5	63.1	41.5	16.5	44.7	21.7	14.2	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
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	52.1	31.6	21.2	38.1	33.8	0.75	0.25	0.25	41.3	53.8	24.5	59.1	24.5	24.8	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
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	59.7	16.6	32.1	36.2	62.6	0.75	0.5	0.25	62.8	12.5	46.7	48.4	74.9	15.3	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
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	74.4	−8.7	47.6	48.4	100.4	0.75	0.75	0.25	79.5	−16.5	77.3	79.1	102.0	31.1	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
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	58.9	−26.9	23.1	35.5	139.3	0.5	0.75	0.25	68.2	−44.6	49.3	66.5	132.1	33.0	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
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	57.2	−29.7	20.4	36.1	145.5	0.25	0.75	0.25	58.6	−58.0	38.8	69.8	146.1	33.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
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	56.5	−20.2	−10.9	23.0	208.3	0.25	0.75	0.75	64.4	−36.3	−6.4	36.9	190.1	18.4	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
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	48.8	−2.5	−24.5	24.6	264.0	0.25	0.25	0.75	41.0	−3.8	−49.0	49.1	265.4	25.7	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
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	53.1	35.5	−5.2	35.9	351.5	0.75	0.25	0.75	42.1	45.5	−29.3	54.2	327.1	28.3	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
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	52.1	31.6	21.2	38.1	33.8	0.75	0.25	0.25	41.3	53.8	24.5	59.1	24.5	24.8	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
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	31.9	31.6	21.2	38.1	33.8	0.5	0.0	0.0	29.2	33.7	22.6	40.6	33.8	3.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
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	39.6	16.6	32.1	36.2	62.6	0.5	0.25	0.0	34.7	21.2	31.0	37.5	55.5	6.8	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
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	54.3	−8.7	47.6	48.4	100.4	0.5	0.5	0.0	55.9	−13.2	54.7	56.3	103.6	8.6	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
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	38.7	−26.9	23.1	35.5	139.3	0.25	0.5	0.0	49.7	−49.8	35.5	61.2	144.4	28.3	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
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	37.1	−29.7	20.4	36.1	145.5	0.0	0.5	0.0	47.7	−54.5	31.7	63.1	149.8	29.2	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
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	36.4	−20.2	−10.9	23.0	208.3	0.0	0.5	0.5	49.5	−58.1	−7.4	58.6	187.2	40.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
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	28.6	−2.5	−24.5	24.6	264.0	0.0	0.0	0.5	27.3	−1.5	−34.8	34.8	267.4	10.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
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	32.9	35.5	−5.2	35.9	351.5	0.5	0.0	0.5	31.7	42.7	−31.0	52.8	324.0	26.7	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
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	31.9	31.6	21.2	38.1	33.8	0.5	0.0	0.0	29.2	33.7	22.6	40.6	33.8	3.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
45/0	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
46/91	NW_013$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	16.8	0.0	−0.2	0.2	263.1	8.9	360	1.0	1.0	1.0	96.3	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	35.9	0.0	0.0	0.0	0.0	0.25	0.25	0.25	24.0	0.0	−0.9	0.9	267.7	11.9	360	1.0	1.0	1.0	96.3	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	46.0	0.0	0.0	0.0	0.0	0.375	0.375	0.375	37.4	0.0	−1.0	1.0	273.1	8.6	360	1.0	1.0	1.0	96.3	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	56.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	50.7	0.0	−1.2	1.2	274.4	5.4	360	1.0	1.0	1.0	96.3	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	66.1	0.0	0.0	0.0	0.0	0.625	0.625	0.625	63.3	0.1	−1.0	1.0	276.6	3.0	360	1.0	1.0	1.0	96.3	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	76.2	0.0	0.0	0.0	0.0	0.75	0.75	0.75	73.1	0.2	−0.4	0.5	293.1	3.1	360	1.0	1.0	1.0	96.3	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	86.3	0.1	−0.2	0.2	313.1	0.2	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: delta *E' = *10.6***

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
colors and differences, ΔE^*'

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

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/RE71/RE71L0NA.TXT /.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	15.7	0.0	0.0	0.0	0.0
1	0.0	0.0	0.125	19.0	-0.6	-6.1	6.1	264.0
2	0.0	0.0	0.25	22.2	-1.2	-12.2	12.3	264.0
3	0.0	0.0	0.375	25.4	-1.9	-18.3	18.4	264.0
4	0.0	0.0	0.5	28.6	-2.5	-24.5	24.6	264.0
5	0.0	0.0	0.625	31.8	-3.1	-30.6	30.8	264.0
6	0.0	0.0	0.75	35.1	-3.8	-36.7	36.9	264.0
7	0.0	0.0	0.875	38.3	-4.4	-42.9	43.1	264.0
8	0.0	0.0	1.0	41.5	-5.0	-49.0	49.2	264.0
9	0.0	0.125	0.0	21.1	-7.4	5.1	9.0	145.5
10	0.0	0.125	0.125	20.9	-5.0	-2.7	5.7	208.3
11	0.0	0.125	0.25	23.6	-3.6	-12.5	13.0	253.6
12	0.0	0.118	0.375	26.4	-3.6	-18.6	19.0	258.9
13	0.0	0.116	0.5	29.2	-3.6	-24.8	25.0	261.6
14	0.0	0.114	0.625	32.3	-3.9	-30.8	31.1	262.7
15	0.0	0.112	0.75	35.3	-4.1	-36.8	37.1	263.5
16	0.0	0.116	0.875	38.4	-4.5	-42.9	43.1	263.8
17	0.0	0.116	1.0	41.5	-5.0	-49.0	49.2	264.0
18	0.0	0.25	0.0	26.4	-14.8	10.2	18.0	145.5
19	0.0	0.25	0.125	26.1	-15.1	8.1	17.2	151.6
20	0.0	0.25	0.25	26.1	-10.1	-5.4	11.5	208.3
21	0.0	0.256	0.375	28.9	-8.2	-18.8	20.5	246.4
22	0.0	0.25	0.5	31.4	-7.3	-25.0	26.0	253.6
23	0.0	0.239	0.625	34.3	-7.3	-31.1	31.9	256.7
24	0.0	0.237	0.75	37.1	-7.2	-37.3	38.0	258.9
25	0.0	0.233	0.875	39.8	-7.1	-43.5	44.1	260.6
26	0.0	0.233	1.0	42.7	-7.3	-49.6	50.1	261.6
27	0.0	0.375	0.0	31.8	-22.3	15.3	27.0	145.5
28	0.0	0.375	0.118	31.4	-22.9	14.3	27.0	147.9
29	0.0	0.375	0.256	31.5	-21.6	8.8	23.3	157.6
30	0.0	0.375	0.375	31.2	-15.2	-8.2	17.2	208.3
31	0.0	0.383	0.5	34.2	-13.2	-24.3	27.7	241.3
32	0.0	0.385	0.625	36.7	-11.8	-31.4	33.6	249.2
33	0.0	0.375	0.75	39.3	-11.0	-37.5	39.1	253.6
34	0.0	0.364	0.875	42.1	-10.9	-43.6	44.9	255.8
35	0.0	0.366	1.0	45.1	-11.2	-49.7	50.9	257.2
36	0.0	0.5	0.0	37.1	-29.7	20.4	36.1	145.5
37	0.0	0.5	0.116	36.7	-30.2	19.5	36.0	147.1
38	0.0	0.5	0.25	36.4	-30.3	16.3	34.4	151.6
39	0.0	0.5	0.383	37.2	-27.2	7.7	28.2	164.0
40	0.0	0.5	0.5	36.4	-20.2	-10.9	23.0	208.3
41	0.0	0.51	0.625	39.0	-19.3	-27.2	33.4	234.6
42	0.0	0.512	0.75	42.1	-16.4	-37.7	41.1	246.4
43	0.0	0.51	0.875	44.5	-15.5	-43.9	46.6	250.5
44	0.0	0.5	1.0	47.1	-14.6	-50.0	52.1	253.6
45	0.0	0.625	0.0	42.4	-37.2	25.5	45.1	145.5
46	0.0	0.625	0.114	42.0	-37.8	24.8	45.2	146.7
47	0.0	0.625	0.239	41.7	-38.4	23.3	44.9	148.7
48	0.0	0.625	0.385	41.7	-37.2	18.0	41.3	154.1
49	0.0	0.625	0.51	42.9	-32.0	4.6	32.4	171.6
50	0.0	0.625	0.625	41.6	-25.3	-13.6	28.8	208.3
51	0.0	0.637	0.75	43.8	-25.1	-30.0	39.2	230.1
52	0.0	0.641	0.875	47.6	-21.1	-43.9	48.7	244.3
53	0.0	0.633	1.0	49.6	-19.6	-50.3	54.0	248.6
54	0.0	0.75	0.0	47.8	-44.6	30.6	54.1	145.5
55	0.0	0.75	0.112	47.3	-45.3	30.1	54.4	146.4
56	0.0	0.75	0.237	47.0	-45.8	28.6	54.0	147.9
57	0.0	0.75	0.375	46.8	-45.5	24.5	51.7	151.6
58	0.0	0.75	0.512	47.3	-43.2	17.7	46.7	157.6
59	0.0	0.75	0.637	48.6	-36.5	2.0	36.5	176.7
60	0.0	0.75	0.75	46.7	-30.4	-16.4	34.5	208.3
61	0.0	0.758	0.875	48.5	-30.3	-33.5	45.2	227.8
62	0.0	0.766	1.0	52.7	-26.5	-48.6	55.4	241.3
63	0.0	0.875	0.0	53.1	-52.1	35.7	63.1	145.5
64	0.0	0.875	0.116	52.6	-52.8	35.3	63.5	146.2
65	0.0	0.875	0.233	52.3	-53.1	33.9	63.0	147.4
66	0.0	0.875	0.364	52.0	-53.6	31.4	62.2	149.6
67	0.0	0.875	0.51	52.0	-52.4	26.2	58.6	153.4
68	0.0	0.875	0.641	52.9	-48.8	17.2	51.7	160.5
69	0.0	0.875	0.758	54.3	-41.2	0.5	41.3	179.2
70	0.0	0.875	0.875	51.9	-35.5	-19.1	40.3	208.3
71	0.0	0.883	1.0	53.5	-35.7	-36.3	51.0	225.5
72	0.0	1.0	0.0	58.5	-59.5	40.8	72.2	145.5
73	0.0	1.0	0.116	58.0	-60.3	40.4	72.6	146.1
74	0.0	1.0	0.233	57.6	-60.5	39.1	72.1	147.1
75	0.0	1.0	0.366	57.2	-61.4	37.7	72.1	148.4
76	0.0	1.0	0.5	57.1	-60.7	32.7	68.9	151.6
77	0.0	1.0	0.633	57.3	-59.2	27.8	65.4	154.7
78	0.0	1.0	0.766	58.6	-54.4	15.5	56.5	164.0
79	0.0	1.0	0.883	59.7	-46.3	-1.9	46.4	182.4
80	0.0	1.0	1.0	57.0	-40.5	-21.8	46.1	208.3

n=j	rgb*'Fd			LabCh*'Fd					DE*'Fd	$h_{siM,d}$
0	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	360
1	0.0	0.0	0.125	16.2	-0.8	-0.8	1.2	225.9	5.9	270
2	0.0	0.0	0.25	20.7	-3.1	-9.1	9.7	251.0	3.8	270
3	0.0	0.0	0.375	21.2	-0.8	-25.3	25.3	268.0	8.1	270
4	0.0	0.0	0.5	27.3	-1.5	-34.8	34.8	267.4	10.4	270
5	0.0	0.0	0.625	32.1	-3.2	-38.4	38.5	265.1	7.8	270
6	0.0	0.0	0.75	35.6	-4.3	-42.2	42.4	264.0	5.5	270
7	0.0	0.0	0.875	37.8	-4.1	-45.6	45.8	264.8	2.8	270
8	0.0	0.0	1.0	40.4	-5.3	-47.8	48.1	263.6	1.6	270
9	0.0	0.125	0.0	23.1	-24.2	9.1	25.9	159.3	17.4	149
10	0.0	0.125	0.125	17.4	-11.4	-4.3	12.2	200.8	7.4	210
11	0.0	0.125	0.25	22.8	-6.1	-23.7	24.5	255.4	11.5	240
12	0.0	0.125	0.375	27.2	-2.6	-34.0	34.1	265.5	15.3	251
13	0.0	0.125	0.5	31.3	-3.4	-38.5	38.6	264.8	13.8	257
14	0.0	0.125	0.625	35.1	-3.9	-41.8	42.0	264.6	11.3	260
15	0.0	0.125	0.75	37.7	-4.8	-44.4	44.7	263.7	8.0	262
16	0.0	0.125	0.875	39.6	-4.4	-47.1	47.3	264.5	4.4	262
17	0.0	0.125	1.0	41.5	-5.0	-49.0	49.2	264.0	0.0	263
18	0.0	0.25	0.0	32.6	-40.9	19.0	45.1	155.0	28.1	149
19	0.0	0.25	0.125	31.7	-46.5	17.3	49.7	159.5	33.2	180
20	0.0	0.25	0.25	26.8	-29.3	-6.7	30.0	192.9	19.2	210
21	0.0	0.25	0.375	32.8	-13.6	-34.1	36.7	248.2	16.6	228
22	0.0	0.25	0.5	36.6	-6.9	-42.8	43.4	260.7	18.5	240
23	0.0	0.25	0.625	39.7	-7.0	-45.2	45.8	261.1	15.1	247
24	0.0	0.25	0.75	41.6	-6.7	-47.8	48.3	261.9	11.4	251
25	0.0	0.25	0.875	42.3	-6.1	-49.5	49.8	262.9	6.5	255
26	0.0	0.25	1.0	42.9	-7.6	-49.7	50.3	261.2	0.4	257
27	0.0	0.375	0.0	41.5	-49.4	26.8	56.2	151.5	31.0	149
28	0.0	0.375	0.125	40.5	-53.3	25.5	59.1	154.3	33.7	168
29	0.0	0.375	0.25	41.2	-68.2	22.9	72.0	161.3	49.6	191
30	0.0	0.375	0.375	40.3	-48.4	-6.5	48.9	187.6	34.5	210
31	0.0	0.375	0.5	43.4	-22.7	-39.6	45.7	240.1	20.2	222
32	0.0	0.375	0.625	45.0	-12.4	-47.6	49.2	255.3	18.2	232
33	0.0	0.375	0.75	44.2	-9.0	-49.4	50.2	259.6	12.9	240
34	0.0	0.375	0.875	44.3	-9.7	-49.7	50.6	258.9	6.5	245
35	0.0	0.375	1.0	45.3	-11.4	-49.7	51.0	256.9	0.2	248
36	0.0	0.5	0.0	47.7	-54.5	31.7	63.1	149.8	29.2	149
37	0.0	0.5	0.125	47.0	-56.7	30.9	64.6	151.3	30.6	162
38	0.0	0.5	0.25	46.6	-63.9	28.5	70.0	155.9	37.1	180
39	0.0	0.5	0.375	47.8	-77.6	25.3	81.7	161.8	54.4	197
40	0.0	0.5	0.5	49.5	-58.1	-7.4	58.6	187.2	40.2	210
41	0.0	0.5	0.625	50.9	-33.5	-37.2	50.1	227.9	21.0	219
42	0.0	0.5	0.75	49.0	-16.8	-49.5	52.3	251.2	13.6	228
43	0.0	0.5	0.875	46.9	-14.1	-49.8	51.8	254.2	6.5	234
44	0.0	0.5	1.0	47.1	-14.6	-50.0	52.1	253.6	0.0	240
45	0.0	0.625	0.0	52.2	-57.6	35.4	67.6	148.3	24.7	149
46	0.0	0.625	0.125	51.5	-60.2	34.5	69.4	150.1	26.2	159
47	0.0	0.625	0.25	51.7	-64.2	34.0	72.6	152.1	29.6	172
48	0.0	0.625	0.375	51.5	-72.1	32.4	79.0	155.7	39.0	187
49	0.0	0.625	0.5	50.2	-72.2	17.0	74.2	166.7	42.6	200
50	0.0	0.625	0.625	51.8	-55.1	-12.5	56.5	192.8	31.5	210
51	0.0	0.625	0.75	52.5	-37.6	-36.2	52.2	223.9	16.4	217
52	0.0	0.625	0.875	51.6	-22.3	-50.2	54.9	245.9	7.5	224
53	0.0	0.625	1.0	49.4	-19.3	-50.3	53.8	248.9	0.4	231
54	0.0	0.75	0.0	57.0	-60.2	38.8	71.6	147.1	19.8	149
55	0.0	0.75	0.125	56.7	-62.2	38.3	73.0	148.3	20.9	157
56	0.0	0.75	0.25	55.8	-63.6	37.3	73.8	149.5	21.7	168
57	0.0	0.75	0.375	54.7	-65.6	35.4	74.5	151.6	24.1	180
58	0.0	0.75	0.5	54.2	-65.8	27.3	71.2	157.4	25.4	191
59	0.0	0.75	0.625	55.5	-57.3	7.6	57.8	172.4	22.6	202
60	0.0	0.75	0.75	55.2	-48.5	-14.0	50.5	196.1	20.1	210
61	0.0	0.75	0.875	52.7	-36.7	-37.2	52.2	225.3	8.4	217
62	0.0	0.75	1.0	52.6	-24.9	-50.1	56.0	243.5	2.2	222
63	0.0	0.875	0.0	58.9	-58.7	40.8	71.5	145.1	10.1	149
64	0.0	0.875	0.125	58.0	-60.1	40.3	72.4	146.1	10.3	157
65	0.0	0.875	0.25	57.4	-60.6	39.3	72.2	147.0	10.5	164
66	0.0	0.875	0.375	56.4	-62.6	37.5	73.0	149.0	11.6	174
67	0.0	0.875	0.5	56.0	-62.8	32.5	70.7	152.6	12.8	185
68	0.0	0.875	0.625	56.8	-58.9	22.5	63.1	159.1	12.0	195
69	0.0	0.875	0.75	58.3	-51.2	4.3	51.4	175.1	11.4	202
70	0.0	0.875	0.875	56.8	-43.3	-17.5	46.7	202.0	9.3	210
71	0.0	0.875	1.0	53.3	-35.2	-37.3	51.3	226.7	1.1	216
72	0.0	1.0	0.0	58.9	-58.6	41.3	71.8	144.8	1.1	149
73	0.0	1.0	0.125	57.9	-60.4	40.4	72.7	146.1	0.0	156
74	0.0	1.0	0.25	57.6	-60.6	38.9	72.0	147.2	0.2	162
75	0.0	1.0	0.375	57.2	-61.5	37.6	72.1	148.5	0.1	171
76	0.0	1.0	0.5	57.1	-60.7	32.7	68.9	151.6	0.0	180
77	0.0	1.0	0.625	57.3	-59.4	28.6	65.9	154.2	0.7	188
78	0.0	1.0	0.75	58.4	-55.1	18.4	58.1	161.5	2.9	197
79	0.0	1.0	0.875	59.9	-46.4	-0.4	46.4	180.5	1.5	203
80	0.0	1.0	1.0	57.0	-40.5	-21.8	46.1	208.3	0.0	210

Mean color difference of this page: **delta $E^{*\prime}$ = 14.8**

n=j	rgb*Md			LabCh*Md				
0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1	0.0	0.0	1.0	41.5	-5.0	-49.0	49.2	264.0
2	0.0	0.0	1.0	41.5	-5.0	-49.0	49.2	264.0
3	0.0	0.0	1.0	41.5	-5.0	-49.0	49.2	264.0
4	0.0	0.0	1.0	41.5	-5.0	-49.0	49.2	264.0
5	0.0	0.0	1.0	41.5	-5.0	-49.0	49.2	264.0
6	0.0	0.0	1.0	41.5	-5.0	-49.0	49.2	264.0
7	0.0	0.0	1.0	41.5	-5.0	-49.0	49.2	264.0
8	0.0	0.0	1.0	41.5	-5.0	-49.0	49.2	264.0
9	0.0	1.0	0.0	58.5	-59.5	40.8	72.2	145.5
10	0.0	1.0	1.0	57.0	-40.5	-21.8	46.1	208.3
11	0.0	0.5	1.0	47.1	-14.6	-50.0	52.1	253.6
12	0.0	0.316	1.0	44.2	-9.6	-49.7	50.7	258.9
13	0.0	0.233	1.0	42.7	-7.3	-49.6	50.1	261.6
14	0.0	0.183	1.0	42.2	-6.2	-49.3	49.7	262.7
15	0.0	0.15	1.0	41.8	-5.5	-49.1	49.5	263.5
16	0.0	0.133	1.0	41.6	-5.2	-49.0	49.3	263.8
17	0.0	0.116	1.0	41.5	-5.0	-49.0	49.2	264.0
18	0.0	1.0	0.0	58.5	-59.5	40.8	72.2	145.5
19	0.0	1.0	0.5	57.1	-60.7	32.7	68.9	151.6
20	0.0	1.0	1.0	57.0	-40.5	-21.8	46.1	208.3
21	0.0	0.683	1.0	50.9	-21.9	-50.3	54.8	246.4
22	0.0	0.5	1.0	47.1	-14.6	-50.0	52.1	253.6
23	0.0	0.383	1.0	45.4	-11.6	-49.7	51.1	256.7
24	0.0	0.316	1.0	44.2	-9.6	-49.7	50.7	258.9
25	0.0	0.266	1.0	43.2	-8.1	-49.7	50.4	260.6
26	0.0	0.233	1.0	42.7	-7.3	-49.6	50.1	261.6
27	0.0	1.0	0.0	58.5	-59.5	40.8	72.2	145.5
28	0.0	1.0	0.316	57.4	-61.1	38.2	72.0	147.9
29	0.0	1.0	0.683	57.8	-57.6	23.6	62.3	157.6
30	0.0	1.0	1.0	57.0	-40.5	-21.8	46.1	208.3
31	0.0	0.766	1.0	52.7	-26.5	-48.6	55.4	241.3
32	0.0	0.616	1.0	49.2	-19.0	-50.2	53.7	249.2
33	0.0	0.5	1.0	47.1	-14.6	-50.0	52.1	253.6
34	0.0	0.416	1.0	45.9	-12.5	-49.8	51.4	255.8
35	0.0	0.366	1.0	45.1	-11.2	-49.7	50.9	257.2
36	0.0	1.0	0.0	58.5	-59.5	40.8	72.2	145.5
37	0.0	1.0	0.233	57.6	-60.5	39.1	72.1	147.1
38	0.0	1.0	0.5	57.1	-60.7	32.7	68.9	151.6
39	0.0	1.0	0.766	58.6	-54.4	15.5	56.5	164.0
40	0.0	1.0	1.0	57.0	-40.5	-21.8	46.1	208.3
41	0.0	0.816	1.0	53.0	-31.0	-43.6	53.5	234.6
42	0.0	0.683	1.0	50.9	-21.9	-50.3	54.8	246.4
43	0.0	0.583	1.0	48.6	-17.7	-50.2	53.3	250.5
44	0.0	0.5	1.0	47.1	-14.6	-50.0	52.1	253.6
45	0.0	1.0	0.0	58.5	-59.5	40.8	72.2	145.5
46	0.0	1.0	0.183	57.8	-60.5	39.7	72.4	146.7
47	0.0	1.0	0.383	57.2	-61.5	37.2	71.9	148.7
48	0.0	1.0	0.616	57.3	-59.5	28.8	66.1	154.1
49	0.0	1.0	0.816	59.2	-51.3	7.5	51.8	171.6
50	0.0	1.0	1.0	57.0	-40.5	-21.8	46.1	208.3
51	0.0	0.85	1.0	53.1	-33.5	-40.1	52.2	230.1
52	0.0	0.733	1.0	52.2	-24.1	-50.2	55.7	244.3
53	0.0	0.633	1.0	49.6	-19.6	-50.3	54.0	248.6
54	0.0	1.0	0.0	58.5	-59.5	40.8	72.2	145.5
55	0.0	1.0	0.15	57.9	-60.4	40.1	72.5	146.4
56	0.0	1.0	0.316	57.4	-61.1	38.2	72.0	147.9
57	0.0	1.0	0.5	57.1	-60.7	32.7	68.9	151.6
58	0.0	1.0	0.683	57.8	-57.6	23.6	62.3	157.6
59	0.0	1.0	0.85	59.6	-48.6	2.7	48.7	176.7
60	0.0	1.0	1.0	57.0	-40.5	-21.8	46.1	208.3
61	0.0	0.866	1.0	53.2	-34.6	-38.3	51.6	227.8
62	0.0	0.766	1.0	52.7	-26.5	-48.6	55.4	241.3
63	0.0	1.0	0.0	58.5	-59.5	40.8	72.2	145.5
64	0.0	1.0	0.133	57.9	-60.4	40.3	72.6	146.2
65	0.0	1.0	0.266	57.5	-60.7	38.7	72.0	147.4
66	0.0	1.0	0.416	57.2	-61.3	35.9	71.0	149.6
67	0.0	1.0	0.583	57.2	-59.8	29.9	66.9	153.4
68	0.0	1.0	0.733	58.2	-55.8	19.7	59.1	160.5
69	0.0	1.0	0.866	59.8	-47.1	0.5	47.2	179.2
70	0.0	1.0	1.0	57.0	-40.5	-21.8	46.1	208.3
71	0.0	0.883	1.0	53.5	-35.7	-36.3	51.0	225.5
72	0.0	1.0	0.0	58.5	-59.5	40.8	72.2	145.5
73	0.0	1.0	0.116	58.0	-60.3	40.4	72.6	146.1
74	0.0	1.0	0.233	57.6	-60.5	39.1	72.1	147.1
75	0.0	1.0	0.366	57.2	-61.4	37.7	72.1	148.4
76	0.0	1.0	0.5	57.1	-60.7	32.7	68.9	151.6
77	0.0	1.0	0.633	57.3	-59.2	27.8	65.4	154.7
78	0.0	1.0	0.766	58.6	-54.4	15.5	56.5	164.0
79	0.0	1.0	0.883	59.7	-46.3	-1.9	46.4	182.4
80	0.0	1.0	1.0	57.0	-40.5	-21.8	46.1	208.3

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TUB-test chart RE71; 1080 standard colours, cf=0,9
colors and differences, $\Delta E^{*\prime}$

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

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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**$_{Md}$				
81	R00Y_012_012$_d$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	19.8	7.9	5.3	9.5	33.8	0.125	0.0	0.0	17.2	1.4	0.5	1.4	19.6	8.5	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
82	B50R_012_012$_d$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	20.0	8.8	−1.3	8.9	351.5	0.125	0.0	0.125	17.3	6.5	−10.2	12.1	302.8	9.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
83	B25R_025_025$_d$	0.125	0.0	0.25	0.25	0.25	0.125	300	0.125	0.0	0.25	20.9	2.0	−11.9	12.1	279.6	0.125	0.0	0.25	22.6	5.8	−32.5	33.0	280.1	20.9	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
84	B15R_037_037$_d$	0.125	0.0	0.375	0.375	0.375	0.187	289	0.118	0.0	0.375	24.6	−0.5	−18.6	18.6	268.1	0.125	0.0	0.375	25.5	2.8	−35.8	35.9	274.4	17.5	288	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
85	B11R_050_050$_d$	0.125	0.0	0.5	0.5	0.5	0.25	284	0.116	0.0	0.5	28.1	−1.7	−24.6	24.7	265.9	0.125	0.0	0.5	29.9	2.4	−41.4	41.5	273.3	17.4	282	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9
86	B09R_062_062$_d$	0.125	0.0	0.625	0.625	0.625	0.312	281	0.114	0.0	0.625	31.3	−2.3	−30.7	30.8	265.5	0.125	0.0	0.625	34.0	−0.1	−43.6	43.6	269.8	13.3	279	0.183	0.0	1.0	40.6	−3.8	−49.2	49.3	265.5
87	B07R_075_075$_d$	0.125	0.0	0.75	0.75	0.75	0.375	279	0.112	0.0	0.75	34.5	−3.0	−36.8	36.9	265.3	0.125	0.0	0.75	36.5	−1.5	−45.6	45.6	268.0	9.1	278	0.15	0.0	1.0	40.8	−4.0	−49.1	49.3	265.3
88	B06R_087_087$_d$	0.125	0.0	0.875	0.875	0.875	0.437	278	0.116	0.0	0.875	37.7	−3.6	−42.9	43.1	265.1	0.125	0.0	0.875	38.6	−3.0	−47.6	47.7	266.3	4.7	277	0.133	0.0	1.0	40.9	−4.1	−49.1	49.2	265.1
89	B05R_100_100$_d$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	40.9	−4.2	−49.0	49.2	265.0	0.125	0.0	1.0	40.9	−4.1	−49.0	49.2	265.1	0.0	276	0.116	0.0	1.0	40.9	−4.2	−49.0	49.2	265.0
90	Y00G_012_012$_d$	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	25.4	−2.1	11.9	12.1	100.4	0.125	0.125	0.0	18.5	−1.7	1.7	2.4	134.9	12.3	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
91	NW_012$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	16.8	0.0	−0.2	0.2	263.1	8.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
92	B00R_025_012$_d$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	29.0	−0.6	−6.1	6.1	264.0	0.125	0.125	0.25	23.8	−2.4	−24.8	24.9	264.3	19.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
93	B00R_037_025$_d$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	32.3	−1.2	−12.2	12.3	264.0	0.125	0.125	0.375	30.3	−2.3	−38.9	39.0	266.4	26.7	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
94	B00R_050_037$_d$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	35.5	−1.9	−18.3	18.4	264.0	0.125	0.125	0.5	34.2	−1.6	−44.5	44.5	267.9	26.1	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
95	B00R_062_050$_d$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	38.7	−2.5	−24.5	24.6	264.0	0.125	0.125	0.625	37.0	−2.9	−45.4	45.5	266.3	20.9	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
96	B00R_075_062$_d$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	41.9	−3.1	−30.6	30.8	264.0	0.125	0.125	0.75	38.7	−3.7	−46.8	47.0	265.4	16.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
97	B00R_087_075$_d$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	45.1	−3.8	−36.7	36.9	264.0	0.125	0.125	0.875	40.5	−4.4	−48.5	48.7	264.7	12.6	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
98	B00R_100_087$_d$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	48.4	−4.4	−42.9	43.1	264.0	0.125	0.125	1.0	41.2	−4.7	−49.4	49.6	264.5	9.6	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
99	Y50G_025_025$_d$	0.125	0.25	0.0	0.25	0.25	0.125	120	0.125	0.25	0.0	27.2	−13.4	11.5	17.7	139.3	0.125	0.25	0.0	31.5	−35.8	18.7	40.4	152.3	23.8	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
100	G00B_025_012$_d$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	31.2	−7.4	5.1	9.0	145.5	0.125	0.25	0.125	31.8	−27.7	12.8	30.5	155.1	21.6	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
101	G50B_025_012$_d$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	31.0	−5.0	−2.7	5.7	208.3	0.125	0.25	0.25	27.5	−19.2	−7.1	20.5	200.5	15.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
102	G75B_037_025$_d$	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.25	0.375	33.6	−3.6	−12.5	13.0	253.6	0.125	0.25	0.375	33.0	−12.3	−28.1	30.7	246.2	17.9	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
103	G84B_050_037$_d$	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.243	0.5	36.5	−3.6	−18.6	19.0	258.9	0.125	0.25	0.5	38.0	−8.8	−42.0	42.9	258.0	23.9	251	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
104	G88B_062_050$_d$	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.241	0.625	39.3	−3.6	−24.8	25.0	261.6	0.125	0.25	0.625	40.6	−6.2	−46.9	47.3	262.4	22.3	257	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261.6
105	G90B_075_062$_d$	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.239	0.75	42.3	−3.9	−30.8	31.1	262.7	0.125	0.25	0.75	41.9	−6.1	−48.7	49.1	262.8	18.0	260	0.0	0.183	1.0	42.2	−6.2	−49.3	49.7	262.7
106	G92B_087_075$_d$	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.237	0.875	45.4	−4.1	−36.8	37.1	263.5	0.125	0.25	0.875	42.4	−6.8	−49.5	49.9	262.1	13.2	262	0.0	0.15	1.0	41.8	−5.5	−49.1	49.5	263.5
107	G93B_100_087$_d$	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.241	1.0	48.4	−4.5	−42.9	43.1	263.8	0.125	0.25	1.0	42.6	−7.5	−49.4	50.0	261.3	9.2	262	0.0	0.133	1.0	41.6	−5.2	−49.0	49.3	263.8
108	Y68G_037_037$_d$	0.125	0.375	0.0	0.375	0.375	0.187	131	0.118	0.375	0.0	32.2	−21.6	16.0	26.9	143.4	0.125	0.375	0.0	41.2	−47.5	25.9	54.2	151.3	29.1	131	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143.4
109	G00B_037_025$_d$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	36.5	−14.8	10.2	18.0	145.5	0.125	0.375	0.125	40.8	−50.6	25.2	56.6	153.4	39.0	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
110	G25B_037_025$_d$	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.25	36.2	−15.1	8.1	17.2	151.6	0.125	0.375	0.25	39.9	−47.1	14.3	49.3	163.0	32.7	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
111	G50B_037_025$_d$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	36.1	−10.1	−5.4	11.5	208.3	0.125	0.375	0.375	38.4	−35.9	−8.8	37.0	193.8	26.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
112	G65B_050_037$_d$	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.381	0.5	39.0	−8.2	−18.8	20.5	246.4	0.125	0.375	0.5	41.0	−20.8	−33.2	39.2	237.9	19.2	228	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
113	G75B_062_050$_d$	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.375	0.625	41.5	−7.3	−25.0	26.0	253.6	0.125	0.375	0.625	44.4	−13.5	−45.9	47.8	253.5	21.9	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
114	G80B_075_062$_d$	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.364	0.75	44.3	−7.3	−31.1	31.9	256.7	0.125	0.375	0.75	44.9	−10.0	−49.1	50.1	258.4	18.2	247	0.0	0.383	1.0	45.4	−11.6	−49.7	51.1	256.7
115	G84B_087_075$_d$	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.362	0.875	47.1	−7.2	−37.3	38.0	258.9	0.125	0.375	0.875	45.2	−10.8	−49.4	50.5	257.5	12.7	251	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
116	G86B_100_087$_d$	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.358	1.0	49.9	−7.1	−43.5	44.1	260.6	0.125	0.375	1.0	45.2	−11.5	−49.6	51.0	256.9	8.8	255	0.0	0.266	1.0	43.2	−8.1	−49.7	50.4	260.6
117	Y76G_050_050$_d$	0.125	0.5	0.0	0.5	0.5	0.25	136	0.116	0.5	0.0	37.2	−29.5	20.5	35.9	145.1	0.125	0.5	0.0	47.9	−53.6	31.9	62.4	149.2	28.7	137	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1
118	G00B_050_037$_d$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	41.8	−22.3	15.3	27.0	145.5	0.125	0.5	0.125	47.1	−57.3	31.0	65.1	151.5	38.7	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
119	G15B_050_037$_d$	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.243	41.4	−22.9	14.3	27.0	147.9	0.125	0.5	0.25	47.8	−64.8	29.5	71.2	155.4	45.0	168	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147.9
120	G34B_050_037$_d$	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.381	41.6	−21.6	8.8	23.3	157.6	0.125	0.5	0.375	48.9	−66.7	19.3	69.4	163.7	46.8	191	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157.6
121	G50B_050_037$_d$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	41.3	−15.2	−8.2	17.2	208.3	0.125	0.5	0.5	48.9	−52.8	−9.5	53.7	190.2	38.4	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
122	G61B_062_050$_d$	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.508	0.625	44.3	−13.2	−24.3	27.7	241.3	0.125	0.5	0.625	49.4	−32.4	−34.3	47.2	226.6	22.2	222	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241.3
123	G69B_075_062$_d$	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.51	0.75	46.7	−11.8	−31.4	33.6	249.2	0.125	0.5	0.75	48.7	−18.3	−47.5	50.9	248.8	17.4	232	0.0	0.616	1.0	49.2	−19.0	−50.2	53.7	249.2
124	G75B_087_075$_d$	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.5	0.875	49.3	−11.0	−37.5	39.1	253.6	0.125	0.5	0.875	47.9	−15.6	−49.6	52.0	252.5	13.0	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
125	G79B_100_087$_d$	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.489	1.0	52.2	−10.9	−43.6	44.9	255.8	0.125	0.5	1.0	48.0	−15.9	−49.7	52.2	252.1	8.9	245	0.0	0.416	1.0	45.9	−12.5	−49.8	51.4	255.8
126	Y81G_062_062$_d$	0.125	0.625	0.0	0.625	0.625	0.312	139	0.114	0.625	0.0	42.5	−37.0	25.6	45.0	145.3	0.125	0.625	0.0	51.7	−57.7	34.6	67.3	149.0	24.4	140	0.183	1.0	0.0	58.5	−59.3	40.9	72.0	145.3
127	G00B_062_050$_d$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	47.2	−29.7	20.4	36.1	145.5	0.125	0.625	0.125	51.3	−61.3	34.0	70.1	150.9	34.5	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
128	G11B_062_050$_d$	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.241	46.7	−30.2	19.5	36.0	147.1	0.125	0.625	0.25	52.2	−64.5	34.3	73.0	151.9	37.6	162	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147.1
129	G25B_062_050$_d$	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.375	46.5	−30.3	16.3	34.4	151.6	0.125	0.625	0.375	52.1	−69.6	30.0	75.8	156.6	41.9	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
130	G38B_062_050$_d$	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.508	47.2	−27.2	7.7	28.2	164.0	0.125	0.625	0.5	53.3	−62.7	12.8	64.1	168.4	36.4	197	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164.0
131	G50B_062_050$_d$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	46.5	−20.2	−10.9	23.0	208.3	0.125	0.625	0.625	54.2	−51.3	−10.6	52.4	191.7	32.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
132	G59B_075_062$_d$	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.635	0.75	49.1	−19.3	−27.2	33.4	234.6	0.125	0.625	0.75	52.6	−40.0	−32.5	51.6	219.0	21.6	219	0.0	0.816	1.0	53.0	−31.0	−43.6	53.5	234.6
133	G65B_087_075$_d$	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.637	0.875	52.2	−16.4	−37.7	41.1	246.4	0.125	0.625	0.875	51.9	−24.3	−48.9	54.6	243.5	13.6	228	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
134	G70B_100_087$_d$	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.635	1.0	54.6	−15.5	−43.9	46.6	250.5	0.125	0.625	1.0	50.6	−20.8	−50.0	54.2	247.3	9.0	234	0.0	0.583	1.0	48.6	−17.7	−50.2	53.3	250.5
135	Y85G_075_075$_d$	0.125	0.75	0.0	0.75	0.75	0.375	141	0.112	0.75	0.0	47.8	−44.5	30.6	54.1	145.4	0.125	0.75	0.0	57.3	−58.5	39.6	70.6	145.8	19.0	142	0.15	1.0	0.0	58.5	−59.4	40.9	72.1	145.4
136	G00B_075_062$_d$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	52.5	−37.2	25.5	45.1	145.5	0.125	0.75	0.125	56.3	−61.5	38.4	72.5	147.9	27.7	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
137	G09B_075_062$_d$	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.239	52.1	−37.8	24.8	45.2	146.7	0.125	0.75	0.25	55.8	−63.1	37.1	73.3	149.5	28.4	159	0.0	1.0	0.183	57.8	−60.5	39.7	72.4	146.7
138	G19B_075_062$_d$	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.364	51.7	−38.4	23.3	44.9	148.7	0.125	0.75	0.375	55.5	−63.4	34.0	71.9	151.7	27.4	172	0.0	1.0	0.383	57.2	−61.5	37.2	71.9	148.7
139	G30B_075_062$_d$	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.51	51.8	−37.2	18.0	41.3	154.1	0.125	0.75	0.5	56.0	−60.1	24.4	64.8	157.8	24.1	187	0.0	1.0	0.616	57.3	−59.5	28.8	66.1	154.1
140	G40B_075_062$_d$	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.635	53.0	−32.0	4.6	32.4	171.6	0.125	0.75	0.625	58.0	−51.9	7.6	52.5	171.5	20.7	200	0.0	1.0	0.816	59.2	−51.3	7.5	51.8	171.6
141	G50B_075_062$_d$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	51.6	−25.3	−13.6	28.8	208.3	0.125	0.75	0.75	57.6	−44.4	−11.5	45.9	194.5	20.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
142	G57B_087_075$_d$	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.762	0.875	53.9	−25.1	−30.0	39.2	230.1	0.125	0.75	0.875	53.9	−36.7	−33.5	49.7	222.4	12.0	217	0.0	0.85	1.0	53.1	−33.5	−40.1	52.2	230.1
143	G63B_100_087$_d$	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	0.766	1.0	57.7	−21.1	−43.9	48.7	244.3	0.125	0.75	1.0	53.2	−23.8	−49.5	55.0	244.3	7.6	224	0.0	0.733	1.0	52.2	−24.1	−50.2	55.7	244.3
144	Y86G_087_087$_d$	0.125	0.875	0.0	0.875	0.875	0.437	142	0.116	0.875	0.0	53.1	−52.0	35.7	63.1	145.5	0.125	0.875	0.0	58.3	−59.1	40.7	71.8	145.4	10.1	142	0.133	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
145	G00B_087_075$_d$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	57.8	−44.6	30.6	54.1	145.5	0.125	0.875	0.125	57.1	−61.6	39.4	73.2	147.3	19.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
146	G07B_087_075$_d$	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.237	57.4	−45.3	30.1	54.4	146.4	0.125	0.875	0.25	56.5	−61.8	37.1	72.1	149.0	17.9	157	0.0	1.0	0.15	57.9	−60.4	40.1	72.5	146.4
147	G15B_087_075$_d$	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.362	57.0	−45.8	28.6	54.0	147.9	0.125	0.875	0.375	56.8	−61.5	35.6	71.1	149.9	17.1	168	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147.9
148	G25B_087_075$_d$	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.5	56.8	−45.5	24.5	51.7	151.6	0.125	0.875	0.5	57.2	−59.2	29.1	66.0	153.8	14.4	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
149	G34B_087_075$_d$	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.637	57.3	−43.2	17.7	46.7	157.6	0.125	0.875	0.625	58.1	−55.0	19.1	58.3	160.8	11.9	191	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157.6
150	G42B_087_075$_d$	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.762	58.7	−36.5	2.0	36.5	176.7	0.125	0.875	0.75	59.6	−47.7	3.2	47.8	176.0	11.2	202	0.0	1.0	0.85	59.6	−48.6	2.7	48.7	176.7
151	G50B_087_075$_d$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	56.8	−30.4	−16.4	34.5	208.3	0.125	0.875	0.875	58.5	−41.3	−14.6	43.8	199.5	11.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
152	G56B_100_087$_d$	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	0.883	1.0	58.6	−30.3	−33.5	45.2	227.8	0.125	0.875	1.0	54.9	−33.5	−35.6	48.9	226.7	5.3	217	0.0	0.866	1.0	53.2	−34.6	−38.3	51.6	227.8
153	Y88G_100_100$_d$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.125	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.0	143	0.116	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
154	G00B_100_087$_d$	0.125	1.0	0.125	1.0	0.875	0.562	150

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb (RGB)

http://130.149.60.45/~farbmetrik/RE71/RE71L0NA.TXT /.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			$h_{si_F,d}$
162	R00Y_025_025d	0.25	0.0	0.0	0.25	0.25	0.125	390
163	R00Y_025_025d	0.25	0.0	0.125	0.25	0.25	0.125	360
164	B50R_025_025d	0.25	0.0	0.25	0.25	0.25	0.125	330
165	B34R_037_037d	0.25	0.0	0.375	0.375	0.375	0.187	311
166	B25R_050_050d	0.25	0.0	0.5	0.5	0.5	0.25	300
167	B19R_062_062d	0.25	0.0	0.625	0.625	0.625	0.312	293
168	B15R_075_075d	0.25	0.0	0.75	0.75	0.75	0.375	289
169	B13R_087_087d	0.25	0.0	0.875	0.875	0.875	0.437	286
170	B11R_100_100d	0.25	0.0	1.0	1.0	1.0	0.5	284
171	R50Y_025_025d	0.25	0.125	0.0	0.25	0.25	0.125	60
172	R00Y_025_012d	0.25	0.125	0.125	0.25	0.125	0.187	390
173	B50R_025_012d	0.25	0.125	0.25	0.25	0.125	0.187	330
174	B25R_037_025d	0.25	0.125	0.375	0.375	0.25	0.25	300
175	B15R_050_037d	0.25	0.125	0.5	0.5	0.375	0.312	289
176	B11R_062_050d	0.25	0.125	0.625	0.625	0.5	0.375	284
177	B09R_075_062d	0.25	0.125	0.75	0.75	0.625	0.437	281
178	B07R_087_075d	0.25	0.125	0.875	0.875	0.75	0.5	279
179	B06R_100_087d	0.25	0.125	1.0	1.0	0.875	0.562	278
180	Y00G_025_025d	0.25	0.25	0.0	0.25	0.25	0.125	90
181	Y00G_025_012d	0.25	0.25	0.125	0.25	0.125	0.187	90
182	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360
183	B00R_037_012d	0.25	0.25	0.375	0.375	0.125	0.312	270
184	B00R_050_025d	0.25	0.25	0.5	0.5	0.25	0.375	270
185	B00R_062_037d	0.25	0.25	0.625	0.625	0.375	0.437	270
186	B00R_075_050d	0.25	0.25	0.75	0.75	0.5	0.5	270
187	B00R_087_062d	0.25	0.25	0.875	0.875	0.625	0.562	270
188	B00R_100_075d	0.25	0.25	1.0	1.0	0.75	0.625	270
189	Y31G_037_037d	0.25	0.375	0.0	0.375	0.375	0.187	109
190	Y50G_037_025d	0.25	0.375	0.125	0.375	0.25	0.25	120
191	G00B_037_012d	0.25	0.375	0.25	0.375	0.125	0.312	150
192	G50B_037_012d	0.25	0.375	0.375	0.375	0.125	0.312	210
193	G75B_050_025d	0.25	0.375	0.5	0.5	0.25	0.375	240
194	G84B_062_037d	0.25	0.375	0.625	0.625	0.375	0.437	251
195	G88B_075_050d	0.25	0.375	0.75	0.75	0.5	0.5	256
196	G90B_087_062d	0.25	0.375	0.875	0.875	0.625	0.562	259
197	G92B_100_075d	0.25	0.375	1.0	1.0	0.75	0.625	261
198	Y50G_050_050d	0.25	0.5	0.0	0.5	0.5	0.25	120
199	Y68G_050_037d	0.25	0.5	0.125	0.5	0.375	0.312	131
200	G00B_050_025d	0.25	0.5	0.25	0.5	0.25	0.375	150
201	G25B_050_025d	0.25	0.5	0.375	0.5	0.25	0.375	180
202	G50B_050_025d	0.25	0.5	0.5	0.5	0.25	0.375	210
203	G65B_062_037d	0.25	0.5	0.625	0.625	0.375	0.437	229
204	G75B_075_050d	0.25	0.5	0.75	0.75	0.5	0.5	240
205	G80B_087_062d	0.25	0.5	0.875	0.875	0.625	0.562	247
206	G84B_100_075d	0.25	0.5	1.0	1.0	0.75	0.625	251
207	Y61G_062_062d	0.25	0.625	0.0	0.625	0.625	0.312	127
208	Y76G_062_050d	0.25	0.625	0.125	0.625	0.5	0.375	136
209	G00B_062_037d	0.25	0.625	0.25	0.625	0.375	0.437	150
210	G15B_062_037d	0.25	0.625	0.375	0.625	0.375	0.437	169
211	G34B_062_037d	0.25	0.625	0.5	0.625	0.375	0.437	191
212	G50B_062_037d	0.25	0.625	0.625	0.625	0.375	0.437	210
213	G61B_075_050d	0.25	0.625	0.75	0.75	0.5	0.5	224
214	G69B_087_062d	0.25	0.625	0.875	0.875	0.625	0.562	233
215	G75B_100_075d	0.25	0.625	1.0	1.0	0.75	0.625	240
216	Y68G_075_075d	0.25	0.75	0.0	0.75	0.75	0.375	131
217	Y81G_075_062d	0.25	0.75	0.125	0.75	0.625	0.437	139
218	G00B_075_050d	0.25	0.75	0.25	0.75	0.5	0.5	150
219	G11B_075_050d	0.25	0.75	0.375	0.75	0.5	0.5	164
220	G25B_075_050d	0.25	0.75	0.5	0.75	0.5	0.5	180
221	G38B_075_050d	0.25	0.75	0.625	0.75	0.5	0.5	196
222	G50B_075_050d	0.25	0.75	0.75	0.75	0.5	0.5	210
223	G59B_087_062d	0.25	0.75	0.875	0.875	0.625	0.562	221
224	G65B_100_075d	0.25	0.75	1.0	1.0	0.75	0.625	229
225	Y73G_087_087d	0.25	0.875	0.0	0.875	0.875	0.437	134
226	Y85G_087_075d	0.25	0.875	0.125	0.875	0.75	0.5	141
227	G00B_087_062d	0.25	0.875	0.25	0.875	0.625	0.562	150
228	G09B_087_062d	0.25	0.875	0.375	0.875	0.625	0.562	161
229	G19B_087_062d	0.25	0.875	0.5	0.875	0.625	0.562	173
230	G30B_087_062d	0.25	0.875	0.625	0.875	0.625	0.562	187
231	G40B_087_062d	0.25	0.875	0.75	0.875	0.625	0.562	199
232	G50B_087_062d	0.25	0.875	0.875	0.875	0.625	0.562	210
233	G57B_100_075d	0.25	0.875	1.0	1.0	0.75	0.625	219
234	Y76G_100_100d	0.25	1.0	0.0	1.0	1.0	0.5	136
235	Y86G_100_087d	0.25	1.0	0.125	1.0	0.875	0.562	142
236	G00B_100_075d	0.25	1.0	0.25	1.0	0.75	0.625	150
237	G07B_100_075d	0.25	1.0	0.375	1.0	0.75	0.625	159
238	G15B_100_075d	0.25	1.0	0.5	1.0	0.75	0.625	169
239	G25B_100_075d	0.25	1.0	0.625	1.0	0.75	0.625	180
240	G34B_100_075d	0.25	1.0	0.75	1.0	0.75	0.625	191
241	G42B_100_075d	0.25	1.0	0.875	1.0	0.75	0.625	201
242	G50B_100_075d	0.25	1.0	1.0	1.0	0.75	0.625	210

n	rgb*Fd			LabCh*Fd				
162	0.25	0.0	0.0	23.8	15.8	10.6	19.0	33.8
163	0.25	0.0	0.125	23.9	17.1	2.9	17.3	9.8
164	0.25	0.0	0.25	24.3	17.7	−2.6	17.9	351.5
165	0.256	0.0	0.375	24.5	9.7	−14.6	17.5	303.7
166	0.25	0.0	0.5	26.1	4.0	−23.9	24.2	279.6
167	0.239	0.0	0.625	29.8	0.3	−31.2	31.2	270.6
168	0.237	0.0	0.75	33.4	−1.1	−37.3	37.3	268.1
169	0.233	0.0	0.875	37.0	−2.5	−43.2	43.3	266.6
170	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9
171	0.25	0.125	0.0	27.7	8.3	16.0	18.1	62.6
172	0.25	0.124	0.124	29.9	7.9	5.3	9.5	33.8
173	0.25	0.124	0.25	30.1	8.8	−1.3	8.9	351.5
174	0.25	0.124	0.375	31.0	2.0	−11.9	12.1	279.6
175	0.243	0.124	0.5	34.6	−0.5	−18.6	18.6	268.1
176	0.241	0.125	0.625	38.1	−1.7	−24.6	24.7	265.9
177	0.239	0.125	0.75	41.4	−2.3	−30.7	30.8	265.5
178	0.237	0.125	0.875	44.6	−3.0	−36.8	36.9	265.3
179	0.241	0.125	1.0	47.8	−3.6	−42.9	43.1	265.1
180	0.25	0.25	0.0	35.0	−4.3	23.8	24.2	100.4
181	0.25	0.25	0.124	35.4	−2.1	11.9	12.1	100.4
182	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0
183	0.249	0.249	0.375	39.1	−0.6	−6.1	6.1	264.0
184	0.249	0.249	0.5	42.3	−1.2	−12.2	12.3	264.0
185	0.25	0.25	0.625	45.6	−1.9	−18.3	18.4	264.0
186	0.25	0.25	0.75	48.8	−2.5	−24.5	24.6	264.0
187	0.25	0.25	0.875	52.0	−3.1	−30.6	30.8	264.0
188	0.25	0.25	1.0	55.2	−3.8	−36.7	36.9	264.0
189	0.256	0.375	0.0	36.3	−15.9	22.2	27.3	125.6
190	0.25	0.375	0.124	37.3	−13.4	11.5	17.7	139.3
191	0.249	0.375	0.249	41.2	−7.4	5.1	9.0	145.5
192	0.249	0.375	0.375	41.1	−5.0	−2.7	5.7	208.3
193	0.249	0.375	0.5	43.7	−3.6	−12.5	13.0	253.6
194	0.25	0.368	0.625	46.6	−3.6	−18.6	19.0	258.9
195	0.25	0.366	0.75	49.4	−3.6	−24.8	25.0	261.6
196	0.25	0.364	0.875	52.4	−3.9	−30.8	31.1	262.7
197	0.25	0.362	1.0	55.4	−4.1	−36.8	37.1	263.5
198	0.25	0.5	0.0	38.7	−26.9	23.1	35.5	139.3
199	0.243	0.5	0.124	42.3	−21.6	16.0	26.9	143.4
200	0.249	0.5	0.249	46.6	−14.8	10.2	18.0	145.5
201	0.249	0.5	0.375	46.2	−15.1	8.1	17.2	151.6
202	0.249	0.5	0.5	46.2	−10.1	−5.4	11.5	208.3
203	0.25	0.506	0.625	49.1	−8.2	−18.8	20.5	246.4
204	0.25	0.5	0.75	51.6	−7.3	−25.0	26.0	253.6
205	0.25	0.489	0.875	54.4	−7.3	−31.1	31.9	256.7
206	0.25	0.487	1.0	57.2	−7.2	−37.3	38.0	258.9
207	0.239	0.625	0.0	43.7	−35.2	27.6	44.7	141.8
208	0.241	0.625	0.125	47.2	−29.5	20.5	35.9	145.1
209	0.25	0.625	0.25	51.9	−22.3	15.3	27.0	145.5
210	0.25	0.625	0.368	51.5	−22.9	14.3	27.0	147.9
211	0.25	0.625	0.506	51.7	−21.6	8.8	23.3	157.6
212	0.25	0.625	0.625	51.4	−15.2	−8.2	17.2	208.3
213	0.25	0.633	0.75	54.4	−13.2	−24.3	27.7	241.3
214	0.25	0.635	0.875	56.8	−11.8	−31.4	33.6	249.2
215	0.25	0.625	1.0	59.4	−11.0	−37.5	39.1	253.6
216	0.237	0.75	0.0	48.6	−43.2	32.0	53.8	143.4
217	0.239	0.75	0.125	52.6	−37.0	25.6	45.0	145.3
218	0.25	0.75	0.25	57.2	−29.7	20.4	36.1	145.5
219	0.25	0.75	0.366	56.8	−30.2	19.5	36.0	147.1
220	0.25	0.75	0.5	56.6	−30.3	16.3	34.4	151.6
221	0.25	0.75	0.633	57.3	−27.2	7.7	28.2	164.0
222	0.25	0.75	0.75	56.5	−20.2	−10.9	23.0	208.3
223	0.25	0.76	0.875	59.2	−19.3	−27.2	33.4	234.6
224	0.25	0.762	1.0	62.2	−16.4	−37.7	41.1	246.4
225	0.233	0.875	0.0	53.5	−51.3	36.3	62.9	144.7
226	0.237	0.875	0.125	57.9	−44.5	30.6	54.1	145.4
227	0.25	0.875	0.25	62.6	−37.2	25.5	45.1	145.5
228	0.25	0.875	0.364	62.1	−37.8	24.8	45.2	146.7
229	0.25	0.875	0.489	61.8	−38.4	23.3	44.9	148.7
230	0.25	0.875	0.635	61.8	−37.2	18.0	41.3	154.1
231	0.25	0.875	0.76	63.0	−32.0	4.6	32.4	171.6
232	0.25	0.875	0.875	61.7	−25.3	−13.6	28.8	208.3
233	0.25	0.887	1.0	63.9	−25.1	−30.0	39.2	230.1
234	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1
235	0.241	1.0	0.125	63.2	−52.0	35.7	63.1	145.5
236	0.25	1.0	0.25	67.9	−44.6	30.6	54.1	145.5
237	0.25	1.0	0.362	67.5	−45.3	30.1	54.4	146.4
238	0.25	1.0	0.487	67.1	−45.8	28.6	54.0	147.9
239	0.25	1.0	0.625	66.9	−45.5	24.5	51.7	151.6
240	0.25	1.0	0.762	67.4	−43.2	17.7	46.7	157.6
241	0.25	1.0	0.887	68.8	−36.5	2.0	36.5	176.7
242	0.25	1.0	1.0	66.9	−30.4	−16.4	34.5	208.3

n	rgb*'Fd			LabCh*'Fd					DE*'Fd	$h_{siM,d}$
162	0.25	0.0	0.0	19.5	15.1	5.1	15.9	18.6	7.0	389
163	0.25	0.0	0.125	17.1	13.1	−2.8	13.4	347.8	9.7	360
164	0.25	0.0	0.25	20.4	19.7	−24.4	31.4	308.9	22.2	330
165	0.25	0.0	0.375	25.5	23.4	−46.1	51.7	296.9	34.3	311
166	0.25	0.0	0.5	31.8	10.3	−48.9	50.0	281.9	26.3	300
167	0.25	0.0	0.625	34.3	1.5	−45.0	45.0	271.9	14.4	292
168	0.25	0.0	0.75	35.6	2.0	−47.4	47.4	272.4	10.7	288
169	0.25	0.0	0.875	38.3	−0.3	−49.3	49.3	269.6	6.5	284
170	0.25	0.0	1.0	40.3	−3.3	−49.3	49.4	266.0	0.1	282
171	0.25	0.125	0.0	20.3	7.1	9.5	11.9	53.0	9.9	59
172	0.25	0.125	0.125	20.3	9.8	1.8	10.0	10.7	10.3	389
173	0.25	0.125	0.25	24.0	15.8	−19.6	25.1	308.9	20.4	330
174	0.25	0.125	0.375	31.4	16.6	−39.6	43.0	292.7	31.2	300
175	0.25	0.125	0.5	33.6	10.9	−47.4	48.6	282.9	31.0	288
176	0.25	0.125	0.625	36.4	4.1	−48.6	48.7	274.8	24.7	282
177	0.25	0.125	0.75	38.4	0.2	−48.7	48.7	270.2	18.3	279
178	0.25	0.125	0.875	40.1	−2.7	−49.1	49.1	266.8	13.0	278
179	0.25	0.125	1.0	41.1	−4.6	−49.3	49.5	264.6	9.2	277
180	0.25	0.25	0.0	26.7	−6.5	18.8	19.8	109.0	9.9	89
181	0.25	0.25	0.125	27.1	−5.6	17.5	18.4	107.9	10.6	89
182	0.25	0.25	0.25	24.0	0.0	−0.9	0.9	267.7	11.9	360
183	0.25	0.25	0.375	32.9	−2.2	−23.3	23.4	264.5	18.3	270
184	0.25	0.25	0.5	39.4	−1.7	−40.2	40.2	267.4	28.1	270
185	0.25	0.25	0.625	39.8	−1.9	−48.2	48.3	267.6	30.4	270
186	0.25	0.25	0.75	41.0	−3.8	−49.0	49.1	265.4	25.7	270
187	0.25	0.25	0.875	41.9	−5.8	−49.4	49.8	263.2	21.5	270
188	0.25	0.25	1.0	42.1	−6.5	−49.5	50.0	262.4	18.5	270
189	0.25	0.375	0.0	40.6	−34.7	29.7	45.7	139.4	20.6	108
190	0.25	0.375	0.125	40.7	−32.2	28.6	43.1	138.4	25.6	119
191	0.25	0.375	0.25	40.6	−22.7	11.9	25.6	152.3	16.7	149
192	0.25	0.375	0.375	36.5	−14.8	−6.5	16.1	203.7	11.4	210
193	0.25	0.375	0.5	43.0	−10.8	−25.5	27.7	246.9	14.9	240
194	0.25	0.375	0.625	44.8	−10.0	−41.2	42.4	256.3	23.5	251
195	0.25	0.375	0.75	44.3	−8.6	−48.9	49.6	259.9	25.1	257
196	0.25	0.375	0.875	44.5	−9.5	−49.0	49.9	258.9	20.6	260
197	0.25	0.375	1.0	45.1	−11.3	−49.6	50.8	257.1	17.8	262
198	0.25	0.5	0.0	49.7	−49.8	35.5	61.2	144.4	28.3	119
199	0.25	0.5	0.125	49.9	−49.9	36.2	61.7	144.0	35.6	131
200	0.25	0.5	0.25	50.5	−47.0	30.2	55.9	147.2	38.1	149
201	0.25	0.5	0.375	50.7	−35.4	12.1	37.4	161.1	21.1	180
202	0.25	0.5	0.5	49.0	−26.3	−9.3	27.9	199.5	16.9	210
203	0.25	0.5	0.625	49.3	−17.7	−27.8	32.9	237.5	13.0	228
204	0.25	0.5	0.75	49.6	−14.4	−42.5	44.9	251.1	19.0	240
205	0.25	0.5	0.875	48.8	−13.3	−47.8	49.7	254.3	18.7	247
206	0.25	0.5	1.0	50.4	−15.6	−47.7	50.2	251.8	15.0	251
207	0.25	0.625	0.0	54.1	−54.2	38.2	66.3	144.7	24.1	127
208	0.25	0.625	0.125	54.2	−57.0	38.3	68.7	146.1	33.5	137
209	0.25	0.625	0.25	56.9	−61.6	39.3	73.1	147.4	46.3	149
210	0.25	0.625	0.375	57.9	−56.1	30.2	63.8	151.6	37.4	168
211	0.25	0.625	0.5	60.9	−44.9	14.2	47.1	162.4	25.6	191
212	0.25	0.625	0.625	61.1	−35.5	−7.0	36.2	191.1	22.5	210
213	0.25	0.625	0.75	57.0	−26.0	−26.1	36.9	225.0	13.2	222
214	0.25	0.625	0.875	55.3	−17.8	−43.6	47.1	247.7	13.6	232
215	0.25	0.625	1.0	56.7	−17.2	−43.3	46.6	248.3	8.8	240
216	0.25	0.75	0.0	58.1	−57.2	40.7	70.2	144.5	18.9	131
217	0.25	0.75	0.125	58.0	−59.6	40.9	72.4	145.5	27.8	140
218	0.25	0.75	0.25	58.6	−58.0	38.8	69.8	146.1	33.8	149
219	0.25	0.75	0.375	60.7	−54.4	34.6	64.5	147.5	28.7	162
220	0.25	0.75	0.5	62.4	−49.5	24.5	55.2	153.6	21.6	180
221	0.25	0.75	0.625	64.9	−41.9	10.3	43.2	166.1	16.8	197
222	0.25	0.75	0.75	64.4	−36.3	−6.4	36.9	190.1	18.4	210
223	0.25	0.75	0.875	60.9	−30.5	−27.4	41.1	221.9	11.3	219
224	0.25	0.75	1.0	60.9	−21.3	−41.7	46.8	242.9	6.4	228
225	0.25	0.875	0.0	58.8	−59.0	41.5	72.2	144.8	10.7	135
226	0.25	0.875	0.125	57.8	−60.6	40.9	73.2	145.9	19.0	142
227	0.25	0.875	0.25	58.5	−58.6	38.6	70.2	146.6	25.4	149
228	0.25	0.875	0.375	60.2	−55.4	34.9	65.5	147.7	20.3	159
229	0.25	0.875	0.5	61.1	−52.6	28.9	60.0	151.1	15.2	172
230	0.25	0.875	0.625	63.2	−46.8	18.3	50.2	158.5	9.7	187
231	0.25	0.875	0.75	64.7	−40.3	5.0	40.6	172.9	8.4	200
232	0.25	0.875	0.875	64.3	−34.5	−11.7	36.4	198.7	9.7	210
233	0.25	0.875	1.0	61.1	−28.2	−31.3	42.2	227.9	4.4	217
234	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145.1	0.0	137
235	0.25	1.0	0.125	58.9	−58.1	40.4	70.8	145.1	8.8	142
236	0.25	1.0	0.25	60.3	−55.3	38.3	67.2	145.3	15.1	149
237	0.25	1.0	0.375	61.0	−53.4	35.0	63.9	146.7	11.4	157
238	0.25	1.0	0.5	61.3	−52.2	30.7	60.6	149.5	8.8	168
239	0.25	1.0	0.625	61.7	−50.0	24.1	55.5	154.2	6.8	180
240	0.25	1.0	0.75	62.8	−45.8	14.4	48.1	162.5	6.3	191
241	0.25	1.0	0.875	64.0	−38.6	−2.2	38.7	183.3	6.8	202
242	0.25	1.0	1.0	61.5	−34.6	−19.0	39.5	208.7	7.2	210

Mean color difference of this page: **delta *E**' = *18.0***

n	rgb*Md			LabCh*Md				
162	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
163	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
164	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
165	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
166	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
167	0.383	0.0	1.0	38.2	0.6	−50.0	50.0	270.6
168	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
169	0.266	0.0	1.0	40.0	−2.9	−49.4	49.5	266.6
170	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9
171	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
172	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
173	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
174	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
175	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
176	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9
177	0.183	0.0	1.0	40.6	−3.8	−49.2	49.3	265.5
178	0.15	0.0	1.0	40.8	−4.0	−49.1	49.3	265.3
179	0.133	0.0	1.0	40.9	−4.1	−49.1	49.2	265.1
180	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
181	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
182	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
183	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
184	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
185	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
186	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
187	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
188	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
189	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125.6
190	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
191	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
192	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
193	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
194	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
195	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261.6
196	0.0	0.183	1.0	42.2	−6.2	−49.3	49.7	262.7
197	0.0	0.15	1.0	41.8	−5.5	−49.1	49.5	263.5
198	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
199	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143.4
200	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
201	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
202	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
203	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
204	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
205	0.0	0.383	1.0	45.4	−11.6	−49.7	51.1	256.7
206	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
207	0.383	1.0	0.0	60.5	−56.3	44.2	71.6	141.8
208	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1
209	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
210	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147.9
211	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157.6
212	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
213	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241.3
214	0.0	0.616	1.0	49.2	−19.0	−50.2	53.7	249.2
215	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
216	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143.4
217	0.183	1.0	0.0	58.5	−59.3	40.9	72.0	145.3
218	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
219	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147.1
220	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
221	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164.0
222	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
223	0.0	0.816	1.0	53.0	−31.0	−43.6	53.5	234.6
224	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
225	0.266	1.0	0.0	58.9	−58.6	41.5	71.9	144.7
226	0.15	1.0	0.0	58.5	−59.4	40.9	72.1	145.4
227	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
228	0.0	1.0	0.183	57.8	−60.5	39.7	72.4	146.7
229	0.0	1.0	0.383	57.2	−61.5	37.2	71.9	148.7
230	0.0	1.0	0.616	57.3	−59.5	28.8	66.1	154.1
231	0.0	1.0	0.816	59.2	−51.3	7.5	51.8	171.6
232	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
233	0.0	0.85	1.0	53.1	−33.5	−40.1	52.2	230.1
234	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1
235	0.133	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
236	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
237	0.0	1.0	0.15	57.9	−60.4	40.1	72.5	146.4
238	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147.9
239	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
240	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157.6
241	0.0	1.0	0.85	59.6	−48.6	2.7	48.7	176.7
242	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3

1−0032134−F0 RE710−7N, Page 22/33−F

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
colors and differences, Δ*E**'

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

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RE71/RE71L0NA.TXT /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 23/33

n	HIC*Fd	rgb_Fd			ict_Fd			hsi_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	27.9	23.7	15.9	28.6	33.8
244	R18Y_037_037d	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.118	28.0	24.4	9.3	26.1	20.8
245	B65R_037_037d	0.375	0.0	0.25	0.375	0.375	0.187	349	0.375	0.0	0.256	27.9	26.8	0.8	26.8	1.7
246	B50R_037_037d	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	28.6	26.6	-3.9	26.9	351.5
247	B38R_050_050d	0.375	0.0	0.5	0.5	0.5	0.25	316	0.383	0.0	0.5	28.8	17.1	-16.7	23.9	315.7
248	B30R_062_062d	0.375	0.0	0.625	0.625	0.625	0.312	307	0.385	0.0	0.625	29.2	12.1	-26.6	29.3	294.4
249	B25R_075_075d	0.375	0.0	0.75	0.75	0.75	0.375	300	0.375	0.0	0.75	31.2	6.0	-35.9	36.4	279.6
250	B20R_087_087d	0.375	0.0	0.875	0.875	0.875	0.437	295	0.364	0.0	0.875	35.0	2.4	-43.3	43.4	273.2
251	B18R_100_100d	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	38.5	-0.1	-50.1	50.1	269.7
252	R31Y_037_037d	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.118	0.0	29.6	20.3	20.3	28.7	44.9
253	R00Y_037_025d	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	33.9	15.8	10.6	19.0	33.8
254	R00Y_037_025d	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.25	34.0	17.1	2.9	17.3	9.8
255	B50R_037_025d	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	34.4	17.7	-2.6	17.9	351.5
256	B34R_050_037d	0.375	0.125	0.5	0.5	0.375	0.312	311	0.381	0.124	0.5	34.6	9.7	-14.6	17.5	303.7
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	4.0	-23.9	24.2	279.6
258	B19R_075_062d	0.375	0.125	0.75	0.75	0.625	0.437	293	0.364	0.125	0.75	39.9	0.3	-31.2	31.2	270.6
259	B15R_087_075d	0.375	0.125	0.875	0.875	0.75	0.5	289	0.362	0.125	0.875	43.5	-1.1	-37.3	37.3	268.1
260	B13R_100_087d	0.375	0.125	1.0	1.0	0.875	0.562	286	0.358	0.125	1.0	47.1	-2.5	-43.2	43.3	266.6
261	R68Y_037_037d	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.256	0.0	38.6	3.6	29.1	29.4	82.9
262	R50Y_037_025d	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.25	0.124	37.7	8.3	16.0	18.1	62.6
263	R00Y_037_012d	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	39.9	7.9	5.3	9.5	33.8
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	351.5
265	B25R_050_025d	0.375	0.25	0.5	0.5	0.25	0.375	300	0.375	0.249	0.5	41.1	2.0	-11.9	12.1	279.6
266	B15R_062_037d	0.375	0.25	0.625	0.625	0.375	0.437	289	0.368	0.25	0.625	44.7	-0.5	-18.6	18.6	268.1
267	B11R_075_050d	0.375	0.25	0.75	0.75	0.5	0.5	284	0.366	0.25	0.75	48.2	-1.7	-24.6	24.7	265.9
268	B09R_087_062d	0.375	0.25	0.875	0.875	0.625	0.562	281	0.364	0.25	0.875	51.4	-2.3	-30.7	30.8	265.5
269	B07R_100_075d	0.375	0.25	1.0	1.0	0.75	0.625	279	0.362	0.25	1.0	54.7	-3.0	-36.8	36.9	265.3
270	Y00G_037_037d	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	44.6	-6.5	35.7	36.3	100.4
271	Y00G_037_025d	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	45.1	-4.3	23.8	24.2	100.4
272	Y00G_037_012d	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	45.5	-2.1	11.9	12.1	100.4
273	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	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	49.2	-0.6	-6.1	6.1	264.0
275	B00R_062_025d	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	52.4	-1.2	-12.2	12.3	264.0
276	B00R_075_037d	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	55.6	-1.9	-18.3	18.4	264.0
277	B00R_087_050d	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	58.9	-2.5	-24.5	24.6	264.0
278	B00R_100_062d	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	62.1	-3.1	-30.6	30.8	264.0
279	Y23G_050_050d	0.375	0.5	0.0	0.5	0.5	0.25	104	0.383	0.5	0.0	45.7	-18.3	33.6	38.3	118.6
280	Y31G_050_037d	0.375	0.5	0.125	0.5	0.375	0.312	109	0.381	0.5	0.124	46.4	-15.9	22.2	27.3	125.6
281	Y50G_050_025d	0.375	0.5	0.25	0.5	0.25	0.375	120	0.375	0.5	0.249	47.4	-13.4	11.5	17.7	139.3
282	G00B_050_012d	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	51.3	-7.4	5.1	9.0	145.5
283	G50B_050_012d	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	51.1	-5.0	-2.7	5.7	208.3
284	G75B_062_025d	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.5	0.625	53.8	-3.6	-12.5	13.0	253.6
285	G84B_075_037d	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.493	0.75	56.6	-3.6	-18.6	19.0	258.9
286	G88B_087_050d	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.491	0.875	59.5	-3.6	-24.8	25.0	261.6
287	G90B_100_062d	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.489	1.0	62.5	-3.9	-30.8	31.1	262.7
288	Y38G_062_062d	0.375	0.625	0.0	0.625	0.625	0.312	113	0.385	0.625	0.0	47.7	-29.0	33.4	44.3	131.0
289	Y50G_062_050d	0.375	0.625	0.125	0.625	0.5	0.375	120	0.375	0.625	0.125	48.8	-26.9	23.1	35.5	139.3
290	Y68G_062_037d	0.375	0.625	0.25	0.625	0.375	0.437	131	0.368	0.625	0.25	52.3	-21.6	16.0	26.9	143.4
291	G00B_062_025d	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	56.6	-14.8	10.2	18.0	145.5
292	G25B_062_025d	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.5	56.3	-15.1	8.1	17.2	151.6
293	G50B_062_025d	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	56.3	-10.1	-5.4	11.5	208.3
294	G65B_075_037d	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.631	0.75	59.1	-8.2	-18.8	20.5	246.4
295	G75B_087_050d	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.625	0.875	61.6	-7.3	-25.0	26.0	253.6
296	G80B_100_062d	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.614	1.0	64.5	-7.3	-31.1	31.9	256.7
297	Y50G_075_075d	0.375	0.75	0.0	0.75	0.75	0.375	120	0.375	0.75	0.0	50.2	-40.4	34.6	53.2	139.3
298	Y61G_075_062d	0.375	0.75	0.125	0.75	0.625	0.437	127	0.364	0.75	0.125	53.8	-35.2	27.6	44.7	141.8
299	Y76G_075_050d	0.375	0.75	0.25	0.75	0.5	0.5	136	0.366	0.75	0.25	57.3	-29.5	20.5	35.9	145.1
300	G00B_075_037d	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	62.0	-22.3	15.3	27.0	145.5
301	G15B_075_037d	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.493	61.6	-22.9	14.3	27.0	147.9
302	G34B_075_037d	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.631	61.7	-21.6	8.8	23.3	157.6
303	G50B_075_037d	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	61.5	-15.2	-8.2	17.2	208.3
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	-13.2	-24.3	27.7	241.3
305	G69B_100_062d	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.76	1.0	66.9	-11.8	-31.4	33.6	249.2
306	Y58G_087_087d	0.375	0.875	0.0	0.875	0.875	0.437	125	0.364	0.875	0.0	55.2	-48.7	39.2	62.5	141.1
307	Y68G_087_075d	0.375	0.875	0.125	0.875	0.75	0.5	131	0.362	0.875	0.125	58.7	-43.2	32.0	53.8	143.4
308	Y81G_087_062d	0.375	0.875	0.25	0.875	0.625	0.562	139	0.364	0.875	0.25	62.6	-37.0	25.6	45.0	145.3
309	G00B_087_050d	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	67.3	-29.7	20.4	36.1	145.5
310	G11B_087_050d	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.491	66.9	-30.2	19.5	36.0	147.1
311	G25B_087_050d	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.625	66.6	-30.3	16.3	34.4	151.6
312	G38B_087_050d	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.758	67.4	-27.2	7.7	28.2	164.0
313	G50B_087_050d	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	66.6	-20.2	-10.9	23.0	208.3
314	G59B_100_062d	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	0.885	1.0	69.2	-19.3	-27.2	33.4	234.6
315	Y63G_100_100d	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	60.3	-56.6	43.9	71.6	142.2
316	Y73G_100_087d	0.375	1.0	0.125	1.0	0.875	0.562	134	0.358	1.0	0.125	63.5	-51.3	36.3	62.9	144.7
317	Y85G_100_075d	0.375	1.0	0.25	1.0	0.75	0.625	141	0.362	1.0	0.25	67.9	-44.5	30.6	54.1	145.4
318	G00B_100_062d	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	72.7	-37.2	25.5	45.1	145.5
319	G09B_100_062d	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.489	72.2	-37.8	24.8	45.2	146.7
320	G19B_100_062d	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.614	71.9	-38.4	23.3	44.9	148.7
321	G30B_100_062d	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.76	71.9	-37.2	18.0	41.3	154.1
322	G40B_100_062d	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.885	73.1	-32.0	4.6	32.4	171.6
323	G50B_100_062d	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	71.8	-25.3	-13.6	28.8	208.3

n	rgb*'Fd			LabCh*'Fd					DE*'Fd	hsiM,d	rgb*Md			LabCh*Md				
243	0.375	0.0	0.0	23.6	24.2	14.6	28.3	31.0	4.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
244	0.375	0.0	0.125	23.0	26.0	4.9	26.5	10.7	6.8	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
245	0.375	0.0	0.25	23.6	30.3	-10.4	32.0	340.9	12.5	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
246	0.375	0.0	0.375	26.6	33.7	-30.1	45.2	318.2	27.1	330	1.0	0.0	1.0	50.1	71.1	-10.5	71.8	351.5
247	0.375	0.0	0.5	29.7	31.6	-41.7	52.4	307.1	28.9	317	0.766	0.0	1.0	42.0	34.3	-33.4	47.9	315.7
248	0.375	0.0	0.625	33.4	17.0	-45.9	48.9	290.4	20.3	307	0.616	0.0	1.0	37.2	19.3	-42.6	46.8	294.4
249	0.375	0.0	0.75	35.4	6.6	-49.4	49.8	277.6	14.1	300	0.5	0.0	1.0	36.4	8.1	-47.9	48.5	279.6
250	0.375	0.0	0.875	36.9	2.3	-49.2	49.2	272.7	6.1	294	0.416	0.0	1.0	37.7	2.8	-49.5	49.6	273.2
251	0.375	0.0	1.0	38.3	0.0	-50.1	50.1	270.0	0.2	291	0.366	0.0	1.0	38.5	-0.1	-50.1	50.1	269.7
252	0.375	0.125	0.0	25.0	23.9	17.3	29.6	35.9	6.5	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
253	0.375	0.125	0.125	26.5	27.2	8.4	28.4	17.2	13.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
254	0.375	0.125	0.25	27.7	34.1	-10.0	35.5	343.5	22.3	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
255	0.375	0.125	0.375	29.2	35.4	-30.6	46.8	319.2	33.5	330	1.0	0.0	1.0	50.1	71.1	-10.5	71.8	351.5
256	0.375	0.125	0.5	31.2	31.0	-40.6	51.1	307.4	33.8	311	0.683	0.0	1.0	39.2	26.0	-38.9	46.8	303.7
257	0.375	0.125	0.625	34.5	19.4	-44.1	48.2	293.7	25.4	300	0.5	0.0	1.0	36.4	8.1	-47.9	48.5	279.6
258	0.375	0.125	0.75	36.4	8.4	-47.4	48.2	280.0	18.4	292	0.383	0.0	1.0	38.2	0.6	-50.0	50.0	270.6
259	0.375	0.125	0.875	37.3	2.4	-49.6	49.7	272.8	14.2	288	0.316	0.0	1.0	39.3	-1.5	-49.8	49.8	268.1
260	0.375	0.125	1.0	39.5	-2.4	-49.7	49.7	267.2	9.9	284	0.266	0.0	1.0	40.0	-2.9	-49.4	49.5	266.6
261	0.375	0.25	0.0	31.8	7.7	26.6	27.7	73.8	8.2	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
262	0.375	0.25	0.125	34.6	5.6	23.3	24.0	76.5	8.3	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
263	0.375	0.25	0.25	33.1	10.8	1.4	10.9	7.5	8.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
264	0.375	0.25	0.375	36.2	15.3	-19.0	24.4	308.8	19.2	330	1.0	0.0	1.0	50.1	71.1	-10.5	71.8	351.5
265	0.375	0.25	0.5	40.6	16.6	-36.4	40.0	294.5	28.4	300	0.5	0.0	1.0	36.4	8.1	-47.9	48.5	279.6
266	0.375	0.25	0.625	40.4	11.5	-43.5	45.0	284.8	28.0	288	0.316	0.0	1.0	39.3	-1.5	-49.8	49.8	268.1
267	0.375	0.25	0.75	40.2	2.5	-47.5	47.6	273.0	24.6	282	0.233	0.0	1.0	40.4	-3.4	-49.3	49.4	265.9
268	0.375	0.25	0.875	40.6	-2.0	-49.1	49.1	267.5	21.3	279	0.183	0.0	1.0	40.6	-3.8	-49.2	49.3	265.5
269	0.375	0.25	1.0	41.7	-5.3	-49.7	50.0	263.8	18.4	278	0.15	0.0	1.0	40.8	-4.0	-49.1	49.3	265.3
270	0.375	0.375	0.0	43.3	-11.0	40.7	42.2	105.1	6.8	89	1.0	1.0	0.0	92.8	-17.5	95.2	96.8	100.4
271	0.375	0.375	0.125	43.5	-10.5	38.3	39.7	105.3	15.8	89	1.0	1.0	0.0	92.8	-17.5	95.2	96.8	100.4
272	0.375	0.375	0.25	41.6	-6.5	16.9	18.1	111.2	7.7	89	1.0	1.0	0.0	92.8	-17.5	95.2	96.8	100.4
273	0.375	0.375	0.375	37.4	0.0	-1.0	1.0	273.1	8.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
274	0.375	0.375	0.5	46.2	-1.0	-20.7	20.8	267.0	14.9	270	0.0	0.0	1.0	41.5	-5.0	-49.0	49.2	264.0
275	0.375	0.375	0.625	47.7	-0.4	-36.9	37.0	269.2	25.1	270	0.0	0.0	1.0	41.5	-5.0	-49.0	49.2	264.0
276	0.375	0.375	0.75	46.6	-3.8	-45.3	45.4	265.1	28.4	270	0.0	0.0	1.0	41.5	-5.0	-49.0	49.2	264.0
277	0.375	0.375	0.875	45.7	-5.8	-46.9	47.3	262.8	26.2	270	0.0	0.0	1.0	41.5	-5.0	-49.0	49.2	264.0
278	0.375	0.375	1.0	45.8	-9.1	-48.3	49.1	259.2	24.7	270	0.0	0.0	1.0	41.5	-5.0	-49.0	49.2	264.0
279	0.375	0.5	0.0	53.4	-34.8	43.5	55.7	128.6	20.6	102	0.766	1.0	0.0	75.6	-36.7	67.3	76.7	118.6
280	0.375	0.5	0.125	54.6	-34.1	45.0	56.5	127.1	30.3	108	0.683	1.0	0.0	70.6	-42.5	59.3	73.0	125.6
281	0.375	0.5	0.25	55.3	-30.6	34.5	46.1	131.6	29.7	119	0.5	1.0	0.0	61.7	-53.9	46.2	71.0	139.3
282	0.375	0.5	0.375	54.2	-21.6	13.2	25.4	148.4	16.6	149	0.0	1.0	0.0	58.5	-59.5	40.8	72.2	145.5
283	0.375	0.5	0.5	52.8	-13.7	-5.3	14.7	201.1	9.2	210	0.0	1.0	1.0	57.0	-40.5	-21.8	46.1	208.3
284	0.375	0.5	0.625	54.1	-10.1	-22.6	24.8	245.9	12.0	240	0.0	0.5	1.0	47.1	-14.6	-50.0	52.1	253.6
285	0.375	0.5	0.75	54.7	-9.1	-37.7	38.8	256.4	19.9	251	0.0	0.316	1.0	44.2	-9.6	-49.7	50.7	258.9
286	0.375	0.5	0.875	53.2	-10.0	-43.2	44.3	256.8	20.4	257	0.0	0.233	1.0	42.7	-7.3	-49.6	50.1	261.6
287	0.375	0.5	1.0	52.5	-11.7	-44.4	46.0	255.1	18.6	260	0.0	0.183	1.0	42.2	-6.2	-49.3	49.7	262.7
288	0.375	0.625	0.0	57.8	-48.1	43.8	65.0	137.6	23.8	112	0.616	1.0	0.0	66.9	-46.5	53.5	70.9	131.0
289	0.375	0.625	0.125	60.6	-47.9	46.7	66.9	135.7	33.7	119	0.5	1.0	0.0	61.7	-53.9	46.2	71.0	139.3
290	0.375	0.625	0.25	61.7	-50.9	44.1	67.4	139.0	41.7	131	0.316	1.0	0.0	59.6	-57.7	42.7	71.8	143.4
291	0.375	0.625	0.375	63.4	-42.1	29.7	51.5	144.7	34.2	149	0.0	1.0	0.0	58.5	-59.5	40.8	72.2	145.5
292	0.375	0.625	0.5	64.6	-30.9	12.4	33.3	158.0	18.3	180	0.0	1.0	0.5	57.1	-60.7	32.7	68.9	151.6
293	0.375	0.625	0.625	63.5	-24.0	-4.3	24.4	190.2	15.7	210	0.0	1.0	1.0	57.0	-40.5	-21.8	46.1	208.3
294	0.375	0.625	0.75	61.0	-15.4	-25.9	30.1	239.2	10.2	228	0.0	0.683	1.0	50.9	-21.9	-50.3	54.8	246.4
295	0.375	0.625	0.875	62.6	-16.0	-38.0	41.2	247.1	15.7	240	0.0	0.5	1.0	47.1	-14.6	-50.0	52.1	253.6
296	0.375	0.625	1.0	61.4	-15.5	-39.1	42.1	248.3	11.8	247	0.0	0.383	1.0	45.4	-11.6	-49.7	51.1	256.7
297	0.375	0.75	0.0	59.4	-55.3	42.8	70.0	142.2	19.3	119	0.5	1.0	0.0	61.7	-53.9	46.2	71.0	139.3
298	0.375	0.75	0.125	61.2	-54.9	44.6	70.8	140.9	27.1	127	0.383	1.0	0.0	60.5	-56.3	44.2	71.6	141.8
299	0.375	0.75	0.25	62.8	-52.4	40.1	66.0	142.5	30.6	137	0.233	1.0	0.0	58.6	-59.0	41.0	71.9	145.1
300	0.375	0.75	0.375	65.2	-47.6	33.3	58.1	145.0	31.2	149	0.0	1.0	0.0	58.5	-59.5	40.8	72.2	145.5
301	0.375	0.75	0.5	68.5	-40.6	23.4	46.9	150.0	21.1	168	0.0	1.0	0.316	57.4	-61.1	38.2	72.0	147.9
302	0.375	0.75	0.625	71.1	-33.7	9.9	35.2	163.6	15.3	191	0.0	1.0	0.683	57.8	-57.6	23.6	62.3	157.6
303	0.375	0.75	0.75	70.0	-28.9	-6.1	29.6	191.9	16.3	210	0.0	1.0	1.0	57.0	-40.5	-21.8	46.1	208.3
304	0.375	0.75	0.875	68.2	-23.9	-25.5	35.0	226.7	11.4	222	0.0	0.766	1.0	52.7	-26.5	-48.6	55.4	241.3
305	0.375	0.75	1.0	67.7	-19.0	-34.7	39.6	241.3	7.9	232	0.0	0.616	1.0	49.2	-19.0	-50.2	53.7	249.2
306	0.375	0.875	0.0	61.1	-55.4	45.1	71.4	140.8	10.7	125	0.416	1.0	0.0	60.9	-55.6	44.8	71.4	141.1
307	0.375	0.875	0.125	61.3	-54.9	44.8	70.9	140.7	17.5	131	0.316	1.0	0.0	59.6	-57.7	42.7	71.8	143.4
308	0.375	0.875	0.25	63.4	-51.1	40.8	65.4	141.4	20.7	140	0.183	1.0	0.0	58.5	-59.3	40.9	72.0	145.3
309	0.375	0.875	0.375	64.9	-48.0	35.2	59.5	143.7	23.6	149	0.0	1.0	0.0	58.5	-59.5	40.8	72.2	145.5
310	0.375	0.875	0.5	67.5	-43.1	28.4	51.6	146.5	15.6	162	0.0	1.0	0.233	57.6	-60.5	39.1	72.1	147.1
311	0.375	0.875	0.625	69.9	-37.6	19.8	42.5	152.2	8.6	180	0.0	1.0	0.5	57.1	-60.7	32.7	68.9	151.6
312	0.375	0.875	0.75	71.5	-32.3	6.0	32.8	169.3	6.8	197	0.0	1.0	0.766	58.6	-54.4	15.5	56.5	164.0
313	0.375	0.875	0.875	70.4	-28.7	-8.6	30.0	196.6	9.5	210	0.0	1.0	1.0	57.0	-40.5	-21.8	46.1	208.3
314	0.375	0.875	1.0	68.2	-22.6	-27.1	35.3	230.1	3.4	219	0.0	0.816	1.0	53.0	-31.0	-43.6	53.5	234.6
315	0.375	1.0	0.0	60.5	-56.5	44.0	71.6	142.0	0.2	128	0.366	1.0	0.0	60.3	-56.6	43.9	71.6	142.2
316	0.375	1.0	0.125	61.9	-54.1	44.3	69.9	140.6	8.6	135	0.266	1.0	0.0	58.9	-58.6	41.5	71.9	144.7
317	0.375	1.0	0.25	63.5	-50.9	40.6	65.1	141.3	12.6	142	0.15	1.0	0.0	58.5	-59.4	40.9	72.1	145.4
318	0.375	1.0	0.375	65.9	-46.9	35.8	59.0	142.6	15.7	149	0.0	1.0	0.0	58.5	-59.5	40.8	72.2	145.5
319	0.375	1.0	0.5	67.2	-44.3	31.2	54.2	144.7	10.4	159	0.0	1.0	0.183	57.8	-60.5	39.7	72.4	146.7
320	0.375	1.0	0.625	68.3	-41.6	25.6	48.9	148.3	5.3	172	0.0	1.0	0.383	57.2	-61.5	37.2	71.9	148.7
321	0.375	1.0	0.75	70.0	-37.5	16.5	41.0	156.1	2.4	187	0.0	1.0	0.616	57.3	-59.5	28.8	66.1	154.1
322	0.375	1.0	0.875	69.9	-33.1	1.3	33.1	177.7	4.7	200	0.0	1.0	0.816	59.2	-51.3	7.5	51.8	171.6
323	0.375	1.0	1.0	68.0	-29.2	-14.9	32.9	207.1	5.6	210	0.0	1.0	1.0	57.0	-40.5	-21.8	46.1	208.3

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

1−0032234−F0

RE710−7N, Page 23/33−F

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
colors and differences, $\Delta E^{*\prime}$

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

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

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**$_{Md}$				
324	R00Y_050_050$_d$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	31.9	31.6	21.2	38.1	33.8	0.5	0.0	0.0	29.2	33.7	22.6	40.6	33.8	3.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
325	R26Y_050_050$_d$	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.116	32.0	32.1	15.4	35.6	25.6	0.5	0.0	0.125	29.4	34.1	16.7	38.0	26.0	3.5	377	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6
326	R00Y_050_050$_d$	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.25	32.0	34.2	5.9	34.7	9.8	0.5	0.0	0.25	28.3	38.6	−2.1	38.7	356.8	9.9	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
327	B61R_050_050$_d$	0.5	0.0	0.375	0.5	0.5	0.25	344	0.5	0.0	0.383	32.0	36.4	−1.3	36.4	357.9	0.5	0.0	0.375	30.4	42.8	−17.9	46.4	337.2	17.9	342	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9
328	B50R_050_050$_d$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.9	35.5	−5.2	35.9	351.5	0.5	0.0	0.5	31.7	42.7	−31.0	52.8	324.0	26.7	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
329	B40R_062_062$_d$	0.5	0.0	0.625	0.625	0.625	0.312	319	0.51	0.0	0.625	33.2	25.5	−18.9	31.7	323.4	0.5	0.0	0.625	32.9	35.2	−38.1	51.9	312.7	21.5	320	0.816	0.0	1.0	43.7	40.8	−30.2	50.8	323.4
330	B34R_075_075$_d$	0.5	0.0	0.75	0.75	0.75	0.375	311	0.512	0.0	0.75	33.3	19.5	−29.2	35.1	303.7	0.5	0.0	0.75	35.4	23.5	−42.2	48.3	299.1	13.7	311	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
331	B29R_087_087$_d$	0.5	0.0	0.875	0.875	0.875	0.437	305	0.51	0.0	0.875	34.3	14.3	−38.9	41.4	290.1	0.5	0.0	0.875	36.6	12.2	−46.0	47.6	284.9	7.7	305	0.583	0.0	1.0	37.0	16.3	−44.4	47.3	290.1
332	B25R_100_100$_d$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6	0.0	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
333	R23Y_050_050$_d$	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.116	0.0	32.7	30.0	24.7	38.9	39.4	0.5	0.125	0.0	30.4	36.7	26.6	45.4	35.9	7.3	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
334	R00Y_050_037$_d$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	37.9	23.7	15.9	28.6	33.8	0.5	0.125	0.125	31.1	38.1	16.2	41.4	23.0	15.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
335	R18Y_050_037$_d$	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.243	38.0	24.4	9.3	26.1	20.8	0.5	0.125	0.25	29.8	40.6	−2.3	40.6	356.7	21.5	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
336	B65R_050_037$_d$	0.5	0.125	0.375	0.5	0.375	0.312	349	0.5	0.124	0.381	38.0	26.8	0.8	26.8	1.7	0.5	0.125	0.375	32.0	45.2	−18.0	48.7	338.2	27.0	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
337	B50R_050_037$_d$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	38.7	26.6	−3.9	26.9	351.5	0.5	0.125	0.5	33.0	44.5	−31.3	54.5	324.8	33.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
338	B38R_062_050$_d$	0.5	0.125	0.625	0.625	0.5	0.375	316	0.508	0.125	0.625	38.9	17.1	−16.7	23.9	315.7	0.5	0.125	0.625	34.4	34.5	−37.6	51.0	312.5	27.5	317	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7
339	B30R_075_062$_d$	0.5	0.125	0.75	0.75	0.625	0.437	307	0.51	0.125	0.75	39.2	12.1	−26.6	29.3	294.4	0.5	0.125	0.75	36.4	23.5	−41.6	47.8	299.5	19.0	307	0.616	0.0	1.0	37.2	19.3	−42.6	46.8	294.4
340	B25R_087_075$_d$	0.5	0.125	0.875	0.875	0.75	0.5	300	0.5	0.125	0.875	41.3	6.0	−35.9	36.4	279.6	0.5	0.125	0.875	37.4	15.1	−44.2	46.7	288.9	12.9	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
341	B20R_100_087$_d$	0.5	0.125	1.0	1.0	0.875	0.562	295	0.489	0.125	1.0	45.0	2.4	−43.3	43.4	273.2	0.5	0.125	1.0	37.8	7.0	−47.4	47.9	278.4	9.4	294	0.416	0.0	1.0	37.7	2.8	−49.5	49.6	273.2
342	R50Y_050_050$_d$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	39.6	16.6	32.1	36.2	62.6	0.5	0.25	0.0	34.7	21.2	31.0	37.5	55.5	6.8	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
343	R31Y_050_037$_d$	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.243	0.124	39.7	20.3	20.3	28.7	44.9	0.5	0.25	0.125	37.6	19.7	29.1	35.1	55.8	9.0	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
344	R00Y_050_025$_d$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	44.0	15.8	10.6	19.0	33.8	0.5	0.25	0.25	37.8	22.6	7.5	23.9	18.4	9.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
345	R00Y_050_025$_d$	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.375	44.0	17.1	2.9	17.3	9.8	0.5	0.25	0.375	38.6	33.3	−11.9	35.3	340.2	22.6	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
346	B50R_050_025$_d$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	44.5	17.7	−2.6	17.9	351.5	0.5	0.25	0.5	38.6	37.8	−30.9	48.9	320.7	35.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
347	B34R_062_037$_d$	0.5	0.25	0.625	0.625	0.375	0.437	311	0.506	0.25	0.625	44.7	9.7	−14.6	17.5	303.7	0.5	0.25	0.625	39.1	27.9	−37.6	46.8	306.6	29.8	311	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
348	B25R_075_050$_d$	0.5	0.25	0.75	0.75	0.5	0.5	300	0.5	0.25	0.75	46.2	4.0	−23.9	24.2	279.6	0.5	0.25	0.75	39.6	18.1	−41.6	45.4	293.5	23.5	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
349	B19R_087_062$_d$	0.5	0.25	0.875	0.875	0.625	0.562	293	0.489	0.25	0.875	49.9	0.3	−31.2	31.2	270.6	0.5	0.25	0.875	40.9	10.1	−43.9	45.0	283.0	18.3	292	0.383	0.0	1.0	38.2	0.6	−50.0	50.0	270.6
350	B15R_100_075$_d$	0.5	0.25	1.0	1.0	0.75	0.625	289	0.487	0.25	1.0	53.5	−1.1	−37.3	37.3	268.1	0.5	0.25	1.0	41.7	3.5	−46.1	46.2	274.3	15.4	288	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
351	R76Y_050_050$_d$	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.383	0.0	49.0	−0.1	41.7	41.7	90.2	0.5	0.375	0.0	44.4	2.2	41.7	41.7	86.9	5.2	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
352	R68Y_050_037$_d$	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.381	0.124	48.6	3.6	29.1	29.4	82.9	0.5	0.375	0.125	45.8	2.2	42.5	42.5	86.9	13.7	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
353	R50Y_050_025$_d$	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.375	0.249	47.8	8.3	16.0	18.1	62.6	0.5	0.375	0.25	46.6	3.9	21.6	22.0	79.7	7.2	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
354	R00Y_050_012$_d$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	50.0	7.9	5.3	9.5	33.8	0.5	0.375	0.375	45.5	10.1	1.4	10.2	8.1	6.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
355	B50R_050_012$_d$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	50.3	8.8	−1.3	8.9	351.5	0.5	0.375	0.5	48.1	15.6	−17.2	23.2	312.1	17.4	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
356	B25R_062_025$_d$	0.5	0.375	0.625	0.625	0.25	0.5	300	0.5	0.375	0.625	51.1	2.0	−11.9	12.1	279.6	0.5	0.375	0.625	49.2	15.1	−33.5	36.8	294.3	25.3	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
357	B15R_075_037$_d$	0.5	0.375	0.75	0.75	0.375	0.562	289	0.493	0.375	0.75	54.8	−0.5	−18.6	18.6	268.1	0.5	0.375	0.75	46.6	9.7	−39.8	41.0	283.8	24.9	288	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
358	B11R_087_050$_d$	0.5	0.375	0.875	0.875	0.5	0.625	284	0.491	0.375	0.875	58.3	−1.7	−24.6	24.7	265.9	0.5	0.375	0.875	46.5	3.0	−42.6	42.7	274.1	22.0	282	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9
359	B09R_100_062$_d$	0.5	0.375	1.0	1.0	0.625	0.687	281	0.489	0.375	1.0	61.5	−2.3	−30.7	30.8	265.5	0.5	0.375	1.0	47.2	−1.7	−44.0	44.0	267.7	19.5	279	0.183	0.0	1.0	40.6	−3.8	−49.2	49.3	265.5
360	Y00G_050_050$_d$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	54.3	−8.7	47.6	48.4	100.4	0.5	0.5	0.0	55.9	−13.2	54.7	56.3	103.6	8.6	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
361	Y00G_050_037$_d$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	54.7	−6.5	35.7	36.3	100.4	0.5	0.5	0.125	56.8	−13.3	55.8	57.4	103.4	21.3	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
362	Y00G_050_025$_d$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	55.2	−4.3	23.8	24.2	100.4	0.5	0.5	0.25	55.8	−12.3	40.4	42.3	106.9	18.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
363	Y00G_050_012$_d$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	55.6	−2.1	11.9	12.1	100.4	0.5	0.5	0.375	54.0	−7.5	16.8	18.5	114.0	7.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
364	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	50.7	0.0	−1.2	1.2	274.4	5.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
365	B00R_062_012$_d$	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	59.3	−0.6	−6.1	6.1	264.0	0.5	0.5	0.625	56.8	−0.8	−20.3	20.3	267.6	14.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
366	B00R_075_025$_d$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	62.5	−1.2	−12.2	12.3	264.0	0.5	0.5	0.75	58.0	−0.7	−34.3	34.3	268.7	22.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
367	B00R_087_037$_d$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	65.7	−1.9	−18.3	18.4	264.0	0.5	0.5	0.875	55.5	−4.5	−38.8	39.1	263.3	23.0	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
368	B00R_100_050$_d$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	68.9	−2.5	−24.5	24.6	264.0	0.5	0.5	1.0	54.2	−8.5	−41.5	42.4	258.4	23.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
369	Y18G_062_062$_d$	0.5	0.625	0.0	0.625	0.625	0.312	101	0.51	0.625	0.0	55.5	−20.5	45.8	50.2	114.1	0.5	0.625	0.0	64.0	−34.0	55.4	65.0	121.5	18.5	99	0.816	1.0	0.0	79.4	−32.8	73.4	80.4	114.1
370	Y23G_062_050$_d$	0.5	0.625	0.125	0.625	0.5	0.375	104	0.508	0.625	0.125	55.8	−18.3	33.6	38.3	118.6	0.5	0.625	0.125	65.3	−34.0	56.6	66.0	121.0	29.4	102	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6
371	Y31G_062_037$_d$	0.5	0.625	0.25	0.625	0.375	0.437	109	0.506	0.625	0.25	56.5	−15.9	22.2	27.3	125.6	0.5	0.625	0.25	65.8	−34.5	52.6	62.9	123.2	36.8	108	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125.6
372	Y50G_062_025$_d$	0.5	0.625	0.375	0.625	0.25	0.5	120	0.5	0.625	0.375	57.5	−13.4	11.5	17.7	139.3	0.5	0.625	0.375	66.8	−28.7	31.8	42.9	132.0	27.1	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
373	G00B_062_012$_d$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	61.4	−7.4	5.1	9.0	145.5	0.5	0.625	0.5	67.1	−19.8	14.2	24.4	144.4	16.4	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
374	G50B_062_012$_d$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	61.2	−5.0	−2.7	5.7	208.3	0.5	0.625	0.625	65.5	−13.2	−3.0	13.5	192.8	9.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
375	G75B_075_025$_d$	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.625	0.75	63.9	−3.6	−12.5	13.0	253.6	0.5	0.625	0.75	66.2	−10.2	−21.3	23.6	244.4	11.2	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
376	G84B_087_037$_d$	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.618	0.875	66.7	−3.6	−18.6	19.0	258.9	0.5	0.625	0.875	67.6	−12.0	−32.3	34.5	249.6	16.0	251	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
377	G88B_100_050$_d$	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.616	1.0	69.5	−3.6	−24.8	25.0	261.6	0.5	0.625	1.0	64.7	−13.8	−35.4	38.0	248.6	15.5	257	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261.6
378	Y31G_075_075$_d$	0.5	0.75	0.0	0.75	0.75	0.375	109	0.512	0.75	0.0	56.9	−31.9	44.5	54.7	125.6	0.5	0.75	0.0	65.1	−45.3	52.2	69.2	130.9	17.5	108	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125.6
379	Y38G_075_062$_d$	0.5	0.75	0.125	0.75	0.625	0.437	113	0.51	0.75	0.125	57.8	−29.0	33.4	44.3	131.0	0.5	0.75	0.125	66.8	−45.7	53.8	70.6	130.3	27.8	112	0.616	1.0	0.0	66.9	−46.5	53.5	70.9	131.0
380	Y50G_075_050$_d$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	58.9	−26.9	23.1	35.5	139.3	0.5	0.75	0.25	68.2	−44.6	49.3	66.5	132.1	33.0	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
381	Y68G_075_037$_d$	0.5	0.75	0.375	0.75	0.375	0.562	131	0.493	0.75	0.375	62.4	−21.6	16.0	26.9	143.4	0.5	0.75	0.375	70.0	−40.8	37.0	55.1	137.7	29.5	131	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143.4
382	G00B_075_025$_d$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	66.7	−14.8	10.2	18.0	145.5	0.5	0.75	0.5	73.0	−35.0	25.7	43.4	143.6	26.2	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
383	G25B_075_025$_d$	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.625	66.4	−15.1	8.1	17.2	151.6	0.5	0.75	0.625	75.1	−26.4	12.5	29.3	154.5	14.9	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
384	G50B_075_025$_d$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	66.4	−10.1	−5.4	11.5	208.3	0.5	0.75	0.75	74.7	−21.4	−3.6	21.7	189.7	14.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
385	G65B_087_037$_d$	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.756	0.875	69.2	−8.2	−18.8	20.5	246.4	0.5	0.75	0.875	74.1	−17.6	−23.6	29.4	233.3	11.6	228	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
386	G75B_100_050$_d$	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.75	1.0	71.7	−7.3	−25.0	26.0	253.6	0.5	0.75	1.0	72.7	−15.9	−29.2	33.2	241.3	9.6	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
387	Y41G_087_087$_d$	0.5	0.875	0.0	0.875	0.875	0.437	115	0.51	0.875	0.0	59.2	−42.6	45.1	62.0	133.4	0.5	0.875	0.0	63.2	−51.8	48.2	70.8	137.0	10.5	114	0.583	1.0	0.0	65.4	−48.7	51.5	70.9	133.4
388	Y50G_087_075$_d$	0.5	0.875	0.125	0.875	0.75	0.5	120	0.5	0.875	0.125	60.3	−40.4	34.6	53.2	139.3	0.5	0.875	0.125	64.3	−50.2	48.8	70.1	135.8	17.7	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
389	Y61G_087_062$_d$	0.5	0.875	0.25	0.875	0.625	0.562	127	0.489	0.875	0.25	63.9	−35.2	27.6	44.7	141.8	0.5	0.875	0.25	65.9	−47.5	43.3	64.3	137.6	20.0	127	0.383	1.0	0.0	60.5	−56.3	44.2	71.6	141.8
390	Y76G_087_050$_d$	0.5	0.875	0.375	0.875	0.5	0.625	136	0.491	0.875	0.375	67.4	−29.5	20.5	35.9	145.1	0.5	0.875	0.375	68.0	−43.3	35.6	56.1	140.5	20.4	137	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1
391	G00B_087_037$_d$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	72.1	−22.3	15.3	27.0	145.5	0.5	0.875	0.5	71.0	−38.0	28.0	47.2	143.6	20.2	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
392	G15B_087_037$_d$	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.618	71.6	−22.9	14.3	27.0	147.9	0.5	0.875	0.625	73.2	−33.7	19.5	38.9	149.9	12.0	168	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147.9
393	G34B_087_037$_d$	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.756	71.8	−21.6	8.8	23.3	157.6	0.5	0.875	0.75	74.7	−29.1	6.9	29.9	166.5	8.3	191	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157.6
394	G50B_087_037$_d$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	71.5	−15.2	−8.2	17.2	208.3	0.5	0.875	0.875	74.7	−23.9	−8.5	25.4	199.5	9.3	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
395	G61B_100_050$_d$	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	0.883	1.0	74.5	−13.2	−24.3	27.7	241.3	0.5	0.875	1.0	75.7	−17.0	−22.4	28.1	232.7	4.3	222	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241.3
396	Y50G_100_100$_d$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3	0.0	119	0.5	1.0	0.

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				
405	R00Y_062_062d	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	36.0	39.5	26.5	47.6	33.8	0.625	0.0	0.0	33.8	41.5	27.2	49.6	33.2	2.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
406	R31Y_062_062d	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.114	36.1	39.9	21.3	45.2	28.0	0.625	0.0	0.125	33.9	41.8	23.7	48.1	29.5	3.8	380	1.0	0.0	0.183	48.3	63.9	34.0	72.4	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	36.2	41.1	12.4	43.0	16.8	0.625	0.0	0.25	33.6	43.8	9.2	44.8	11.8	4.9	367	1.0	0.0	0.383	48.4	65.9	19.9	68.8	16.8
408	B69R_062_062d	0.625	0.0	0.375	0.625	0.625	0.312	353	0.625	0.0	0.385	36.1	43.8	3.7	44.0	4.8	0.625	0.0	0.375	33.9	49.8	−8.2	50.5	350.6	13.5	352	1.0	0.0	0.616	48.3	70.1	6.0	70.4	4.8
409	B59R_062_062d	0.625	0.0	0.5	0.625	0.625	0.312	341	0.625	0.0	0.51	36.2	45.9	−3.0	46.0	356.1	0.625	0.0	0.5	35.2	50.1	−21.2	54.4	337.0	18.6	339	1.0	0.0	0.816	48.5	73.5	−4.9	73.6	356.1
410	B50R_062_062d	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	37.2	44.4	−6.5	44.9	351.5	0.625	0.0	0.625	34.8	48.7	−29.3	56.8	328.9	23.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
411	B42R_075_075d	0.625	0.0	0.75	0.75	0.75	0.375	321	0.637	0.0	0.75	37.6	33.7	−20.6	39.5	328.5	0.625	0.0	0.75	36.6	38.7	−34.7	52.0	318.0	14.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.5
412	B36R_087_087d	0.625	0.0	0.875	0.875	0.875	0.437	314	0.641	0.0	0.875	37.7	26.8	−31.0	41.0	310.8	0.625	0.0	0.875	37.9	27.4	−38.8	47.5	305.2	7.7	315	0.733	0.0	1.0	40.8	30.6	−35.5	46.9	310.8
413	B31R_100_100d	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	37.5	20.9	−41.8	46.7	296.6	0.625	0.0	1.0	37.3	20.1	−42.2	46.7	295.4	1.0	308	0.633	0.0	1.0	37.5	20.9	−41.8	46.7	296.6
414	R18Y_062_062d	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.114	0.0	36.7	38.1	29.4	48.2	37.6	0.625	0.125	0.0	35.5	45.3	33.1	56.2	36.1	8.1	39	1.0	0.183	0.0	49.3	61.0	47.1	77.1	37.6
415	R00Y_062_050d	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	42.0	31.6	21.2	38.1	33.8	0.625	0.125	0.125	35.1	44.0	22.7	49.5	27.2	14.2	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
416	R26Y_062_050d	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.241	42.1	32.1	15.4	35.6	25.6	0.625	0.125	0.25	34.6	45.9	8.4	46.6	10.4	17.1	377	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6
417	R00Y_062_050d	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.375	42.1	34.2	5.9	34.7	9.8	0.625	0.125	0.375	35.6	52.5	−9.0	53.3	350.2	24.5	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
418	B61R_062_050d	0.625	0.125	0.5	0.625	0.5	0.375	344	0.625	0.125	0.508	42.1	36.4	−1.3	36.4	357.9	0.625	0.125	0.5	37.2	53.4	−22.1	57.8	337.5	27.3	342	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9
419	B50R_062_050d	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	43.0	35.5	−5.2	35.9	351.5	0.625	0.125	0.625	36.8	46.8	−29.7	55.5	327.6	27.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
420	B40R_075_062d	0.625	0.125	0.75	0.75	0.625	0.437	319	0.635	0.125	0.75	43.3	25.5	−18.9	31.7	323.4	0.625	0.125	0.75	38.1	37.2	−34.2	50.5	317.4	19.9	320	0.816	0.0	1.0	43.7	40.8	−30.2	50.8	323.4
421	B34R_087_075d	0.625	0.125	0.875	0.875	0.75	0.5	311	0.637	0.125	0.875	43.4	19.5	−29.2	35.1	303.7	0.625	0.125	0.875	38.7	27.8	−38.0	47.1	306.2	12.9	311	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
422	B29R_100_087d	0.625	0.125	1.0	1.0	0.875	0.562	305	0.635	0.125	1.0	44.4	14.3	−38.9	41.4	290.1	0.625	0.125	1.0	38.5	20.1	−41.2	45.8	296.0	8.5	305	0.583	0.0	1.0	37.0	16.3	−44.4	47.3	290.1
423	R38Y_062_062d	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.239	0.0	40.7	30.2	36.1	47.1	50.0	0.625	0.25	0.0	38.2	36.4	35.7	51.0	44.4	6.6	52	1.0	0.383	0.0	55.7	48.3	57.8	75.4	50.0
424	R23Y_062_050d	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.241	0.125	42.8	30.0	24.7	38.9	39.4	0.625	0.25	0.125	39.1	39.8	34.6	52.8	40.9	14.4	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
425	R00Y_062_037d	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	48.0	23.7	15.9	28.6	33.8	0.625	0.25	0.25	39.7	39.6	15.5	42.5	21.4	17.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
426	R18Y_062_037d	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.368	48.1	24.4	9.3	26.1	20.8	0.625	0.25	0.375	39.6	46.5	−4.1	46.7	354.9	27.2	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
427	B65R_062_037d	0.625	0.25	0.5	0.625	0.375	0.437	349	0.625	0.25	0.506	48.1	26.8	0.8	26.8	1.7	0.625	0.25	0.5	40.4	53.0	−21.8	57.3	337.6	35.5	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
428	B50R_062_037d	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	48.8	26.6	−3.9	26.9	351.5	0.625	0.25	0.625	40.2	42.7	−30.6	52.6	324.3	32.3	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
429	B38R_075_050d	0.625	0.25	0.75	0.75	0.5	0.5	316	0.633	0.25	0.75	49.0	17.1	−16.7	23.9	315.7	0.625	0.25	0.75	41.0	32.2	−34.7	47.3	312.8	24.7	317	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7
430	B30R_087_062d	0.625	0.25	0.875	0.875	0.625	0.562	307	0.635	0.25	0.875	49.3	12.1	−26.6	29.3	294.4	0.625	0.25	0.875	41.6	23.1	−38.2	44.7	301.2	17.7	307	0.616	0.0	1.0	37.2	19.3	−42.6	46.8	294.4
431	B25R_100_075d	0.625	0.25	1.0	1.0	0.75	0.625	300	0.625	0.25	1.0	51.4	6.0	−35.9	36.4	279.6	0.625	0.25	1.0	42.9	15.5	−40.2	43.1	291.0	13.3	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
432	R61Y_062_062d	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.385	0.0	50.8	10.9	45.4	46.7	76.4	0.625	0.375	0.0	47.6	15.5	46.4	48.9	71.5	5.6	67	1.0	0.616	0.0	71.9	17.5	72.7	74.8	76.4
433	R50Y_062_050d	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.375	0.125	49.7	16.6	32.1	36.2	62.6	0.625	0.375	0.125	49.2	16.7	47.4	50.3	70.5	15.2	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
434	R31Y_062_037d	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.368	0.25	49.7	20.3	20.3	28.7	44.9	0.625	0.375	0.25	50.7	16.1	25.3	30.0	57.4	6.6	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
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	15.8	10.6	19.0	33.8	0.625	0.375	0.375	50.3	20.8	6.1	21.7	16.4	7.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
436	R00Y_062_025d	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.5	54.1	17.1	2.9	17.3	9.8	0.625	0.375	0.5	50.9	29.6	−11.7	31.9	338.4	19.6	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
437	B50R_062_025d	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	54.6	17.7	−2.6	17.9	351.5	0.625	0.375	0.625	49.3	31.9	−28.5	42.8	318.2	30.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
438	B34R_075_037d	0.625	0.375	0.75	0.75	0.375	0.562	311	0.631	0.375	0.75	54.8	9.7	−14.6	17.5	303.7	0.625	0.375	0.75	47.8	22.9	−33.5	40.6	304.3	24.0	311	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
439	B25R_087_050d	0.625	0.375	0.875	0.875	0.5	0.625	300	0.625	0.375	0.875	56.3	4.0	−23.9	24.2	279.6	0.625	0.375	0.875	47.2	16.1	−36.9	40.3	293.5	19.9	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
440	B19R_100_062d	0.625	0.375	1.0	1.0	0.625	0.687	293	0.614	0.375	1.0	60.0	0.3	−31.2	31.2	270.6	0.625	0.375	1.0	48.2	9.0	−38.7	39.8	283.1	16.4	292	0.383	0.0	1.0	38.2	0.6	−50.0	50.0	270.6
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	−3.1	54.3	54.4	93.3	0.625	0.5	0.0	58.0	−1.7	57.8	57.8	91.7	3.9	80	1.0	0.816	0.0	85.3	−5.0	86.9	87.1	93.3
442	R76Y_062_050d	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.508	0.125	59.1	−0.1	41.7	41.7	90.2	0.625	0.5	0.125	59.0	−2.0	58.6	58.6	92.0	16.9	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
443	R68Y_062_037d	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.506	0.25	58.7	3.6	29.1	29.4	82.9	0.625	0.5	0.25	59.3	−1.0	41.8	41.8	91.4	13.4	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
444	R50Y_062_025d	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.5	0.375	57.9	8.3	16.0	18.1	62.6	0.625	0.5	0.375	59.0	3.2	20.0	20.3	80.9	6.5	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
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	7.9	5.3	9.5	33.8	0.625	0.5	0.5	57.3	9.6	0.5	9.7	3.4	5.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
446	B50R_062_012d	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	60.3	8.8	−1.3	8.9	351.5	0.625	0.5	0.625	60.1	14.2	−16.0	21.4	311.7	15.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
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	2.0	−11.9	12.1	279.6	0.625	0.5	0.75	58.7	11.9	−29.5	31.8	292.0	20.3	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
448	B15R_087_037d	0.625	0.5	0.875	0.875	0.375	0.687	289	0.618	0.5	0.875	64.9	−0.5	−18.6	18.6	268.1	0.625	0.5	0.875	56.3	6.7	−33.4	34.0	281.4	18.5	288	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
449	B11R_100_050d	0.625	0.5	1.0	1.0	0.5	0.75	284	0.616	0.5	1.0	68.4	−1.7	−24.6	24.7	265.9	0.625	0.5	1.0	55.0	1.9	−36.3	36.4	273.1	18.1	282	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9
450	Y00G_062_062d	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	63.9	−10.9	59.5	60.5	100.4	0.625	0.625	0.0	69.5	−15.5	69.9	71.6	102.5	12.6	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
451	Y00G_062_050d	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	64.3	−8.7	47.6	48.4	100.4	0.625	0.625	0.125	69.4	−15.3	69.4	71.1	102.4	23.3	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
452	Y00G_062_037d	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	64.8	−6.5	35.7	36.3	100.4	0.625	0.625	0.25	68.7	−14.9	61.0	62.8	103.7	26.9	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
453	Y00G_062_025d	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	65.2	−4.3	23.8	24.2	100.4	0.625	0.625	0.375	68.9	−12.4	38.0	40.0	108.1	16.7	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
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	−2.1	11.9	12.1	100.4	0.625	0.625	0.5	67.2	−7.3	18.1	19.5	112.0	8.2	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
455	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.625	0.625	0.625	63.3	0.1	−1.0	1.0	276.6	3.0	360	1.0	1.0	1.0	96.3	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	69.3	−0.6	−6.1	6.1	264.0	0.625	0.625	0.75	69.4	0.8	−17.3	17.4	272.8	11.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
457	B00R_087_025d	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	72.6	−1.2	−12.2	12.3	264.0	0.625	0.625	0.875	68.5	−3.9	−28.1	28.3	261.9	16.6	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
458	B00R_100_037d	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	75.8	−1.9	−18.3	18.4	264.0	0.625	0.625	1.0	66.3	−7.2	−31.3	32.1	257.0	16.9	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
459	Y15G_075_075d	0.625	0.75	0.0	0.75	0.75	0.375	99	0.637	0.75	0.0	65.3	−22.3	57.9	62.1	111.1	0.625	0.75	0.0	73.1	−32.4	65.2	72.8	116.4	14.6	97	0.85	1.0	0.0	81.9	−29.8	77.3	82.8	111.1
460	Y18G_075_062d	0.625	0.75	0.125	0.75	0.625	0.437	101	0.635	0.75	0.125	65.6	−20.5	45.8	50.2	114.1	0.625	0.75	0.125	74.6	−32.3	66.6	74.0	115.8	25.5	99	0.816	1.0	0.0	79.4	−32.8	73.4	80.4	114.1
461	Y23G_075_050d	0.625	0.75	0.25	0.75	0.5	0.5	104	0.633	0.75	0.25	65.8	−18.3	33.6	38.3	118.6	0.625	0.75	0.25	76.2	−33.6	65.9	74.0	117.0	37.2	102	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6
462	Y31G_075_037d	0.625	0.75	0.375	0.75	0.375	0.562	109	0.631	0.75	0.375	66.5	−15.9	22.2	27.3	125.6	0.625	0.75	0.375	77.4	−30.3	49.5	58.1	121.4	32.7	108	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125.6
463	Y50G_075_025d	0.625	0.75	0.5	0.75	0.25	0.625	120	0.625	0.75	0.5	67.5	−13.4	11.5	17.7	139.3	0.625	0.75	0.5	78.5	−24.6	32.2	40.5	127.4	25.9	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
464	G00B_075_012d	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	71.5	−7.4	5.1	9.0	145.5	0.625	0.75	0.625	77.8	−19.0	16.4	25.2	139.2	17.4	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
465	G50B_075_012d	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	71.3	−5.0	−2.7	5.7	208.3	0.625	0.75	0.75	76.7	−12.9	−0.7	13.0	183.4	9.7	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
466	G75B_087_025d	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.75	0.875	73.9	−3.6	−12.5	13.0	253.6	0.625	0.75	0.875	79.3	−11.5	−20.4	23.4	240.5	12.3	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
467	G84B_100_037d	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.743	1.0	76.8	−3.6	−18.6	19.0	258.9	0.625	0.75	1.0	76.1	−11.8	−24.2	26.9	243.8	9.9	251	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
468	Y26G_087_087d	0.625	0.875	0.0	0.875	0.875	0.437	106	0.641	0.875	0.0	66.2	−34.2	55.8	65.5	121.5	0.625	0.875	0.0	69.4	−43.5	57.0	71.7	127.3	9.8	104	0.733	1.0	0.0	73.4	−39.1	63.8	74.8	121.5
469	Y31G_087_075d	0.625	0.875	0.125	0.875	0.75	0.5	109	0.637	0.875	0.125	66.9	−31.9	44.5	54.7	125.6	0.625	0.875	0.125	70.4	−42.3	57.8	71.6	126.1	17.2	108	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125.6
470	Y38G_087_062d	0.625	0.875	0.25	0.875	0.625	0.562	113	0.635	0.875	0.25	67.9	−29.0	33.4	44.3	131.0	0.625	0.875	0.25	71.7	−40.4	51.7	65.6	127.9	21.8	112	0.616	1.0	0.0	66.9	−46.5	53.5	70.9	131.0
471	Y50G_087_050d	0.625	0.875	0.375	0.875	0.5	0.625	120	0.625	0.875	0.375	68.9	−26.9	23.1	35.5	139.3	0.625	0.875	0.375	73.0	−37.5	40.8	55.5	132.6	21.0	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
472	Y68G_087_037d	0.625	0.875	0.5	0.875	0.375	0.687	131	0.618	0.875	0.5	72.5	−21.6	16.0	26.9	143.4	0.625	0.875	0.5	75.4	−33.1	30.9	45.3	136.9	19.0	131	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143.4
473	G00B_087_025d	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	76.8	−14.8	10.2	18.0	145.5	0.625	0.875	0.625	78.1	−27.9	20.8	34.8	143.2	16.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
474	G25B_087_025d	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.75	76.4	−15.1	8.1	17.2	151.6	0.625	0.875	0.75	80.5	−23.2	10.3	25.4	156.0	9.3	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
475	G50B_087_025d	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	76.4	−10.1	−5.4	11.5	208.3	0.625	0.875	0.875	81.0	−18.2	−4.2	18.7	193.1	9.4	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
476	G65B_100_037d	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	0.881	1.0	79.3	−8.2	−18.8	20.5	246.4	0.625	0.875	1.0	81.1	−12.7	−18.7	22.7	235.7	4.9	228	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
477	Y36G_100_100d	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	67.7	−45.5	54.7	71.2	129.7	0.625	1.0	0.0	67.3	−45.9	53.9	70.9	130.4	1.0	111	0.633	1.0	0.0	67.7	−45.5	54.7	71.2	129.7
478	Y41G_100_087d	0.625	1.0	0.125	1.0	0.875	0.562	115	0.635	1.0	0.125	69.3	−42.6	45.1	62.0	133.4	0.625	1.0	0.125	67.8	−45.4	52.3	69.3	130.9	7.9	114	0.583	1.0	0.0	65.4	−48.7	51.5	70.9	133.4
479	Y50G_100_075d	0.625	1.0	0.25	1.0	0.75	0.625	120	0.625	1.0	0.25	70.4	−40.4	34.6	53.2	139.3	0.625	1.0	0.25	69.2	−42.8	45.7	62.7	133.0	11.4	119	0.5	1.0	0.0	61.7	−53.9

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)
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**$_{Md}$**				
486	R00Y_075_075$_d$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	40.0	47.5	31.8	57.2	33.8	0.75	0.0	0.0	39.2	49.5	32.3	59.2	33.1	2.2	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
487	R35Y_075_075$_d$	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.112	40.2	47.7	27.1	54.9	29.6	0.75	0.0	0.125	38.6	49.1	28.3	56.7	29.9	2.4	382	1.0	0.0	0.15	48.4	63.6	36.2	73.2	29.6
488	R18Y_075_075$_d$	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.237	40.2	48.8	18.6	52.3	20.8	0.75	0.0	0.25	37.7	49.8	18.0	53.0	19.9	2.6	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
489	R00Y_075_075$_d$	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.375	40.2	51.3	8.9	52.1	9.8	0.75	0.0	0.375	37.3	53.3	2.2	53.3	2.4	7.5	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
490	B65R_075_075$_d$	0.75	0.0	0.5	0.75	0.75	0.375	349	0.75	0.0	0.512	40.2	53.6	1.6	53.6	1.7	0.75	0.0	0.5	38.6	58.6	−11.2	59.6	349.1	13.9	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
491	B57R_075_075$_d$	0.75	0.0	0.625	0.75	0.75	0.375	339	0.75	0.0	0.637	40.4	55.3	−4.8	55.6	354.9	0.75	0.0	0.625	39.4	57.6	−21.9	61.7	339.1	17.2	337	1.0	0.0	0.85	48.6	73.8	−6.5	74.1	354.9
492	B50R_075_075$_d$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	41.5	53.3	−7.8	53.9	351.5	0.75	0.0	0.75	37.9	52.5	−26.4	58.8	333.2	18.9	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
493	B43R_087_087$_d$	0.75	0.0	0.875	0.875	0.875	0.437	322	0.758	0.0	0.875	41.7	41.1	−22.6	46.9	331.1	0.75	0.0	0.875	39.0	41.7	−32.0	52.5	322.4	9.7	322	0.866	0.0	1.0	45.4	47.0	−25.9	53.7	331.1
494	B38R_100_100$_d$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7	0.75	0.0	1.0	41.4	32.1	−34.2	46.9	313.1	2.4	317	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7
495	R15Y_075_075$_d$	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.112	0.0	40.7	46.2	34.1	57.4	36.4	0.75	0.125	0.0	40.2	53.4	40.3	66.9	37.0	9.5	37	1.0	0.15	0.0	49.0	61.6	45.5	76.6	36.4
496	R00Y_075_062$_d$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	46.0	39.5	26.5	47.6	33.8	0.75	0.125	0.125	39.3	50.9	28.8	58.5	29.4	13.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
497	R31Y_075_062$_d$	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.239	46.2	39.9	21.3	45.2	28.0	0.75	0.125	0.25	38.6	51.6	16.2	54.1	17.4	14.8	380	1.0	0.0	0.183	48.3	63.9	34.0	72.4	28.0
498	R11Y_075_062$_d$	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.364	46.2	41.1	12.4	43.0	16.8	0.75	0.125	0.375	38.4	56.2	0.0	56.2	0.0	21.0	367	1.0	0.0	0.383	48.4	65.9	19.9	68.8	16.8
499	B69R_075_062$_d$	0.75	0.125	0.5	0.75	0.625	0.437	353	0.75	0.125	0.51	46.2	43.8	3.7	44.0	4.8	0.75	0.125	0.5	39.9	61.2	−13.7	62.7	347.3	25.4	352	1.0	0.0	0.616	48.3	70.1	6.0	70.4	4.8
500	B59R_075_062$_d$	0.75	0.125	0.625	0.75	0.625	0.437	341	0.75	0.125	0.635	46.3	45.9	−3.0	46.0	356.1	0.75	0.125	0.625	39.7	58.7	−22.2	62.8	339.2	23.9	339	1.0	0.0	0.816	48.5	73.5	−4.9	73.6	356.1
501	B50R_075_062$_d$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	47.3	44.4	−6.5	44.9	351.5	0.75	0.125	0.75	39.4	49.8	−28.0	57.2	330.6	23.4	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
502	B42R_087_075$_d$	0.75	0.125	0.875	0.875	0.75	0.5	321	0.762	0.125	0.875	47.6	33.7	−20.6	39.5	328.5	0.75	0.125	0.875	40.1	39.3	−32.2	50.8	320.6	14.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.5
503	B36R_100_087$_d$	0.75	0.125	1.0	1.0	0.875	0.562	314	0.766	0.125	1.0	47.8	26.8	−31.0	41.0	310.8	0.75	0.125	1.0	42.1	31.7	−34.0	46.6	312.9	8.0	315	0.733	0.0	1.0	40.8	30.6	−35.5	46.9	310.8
504	R31Y_075_075$_d$	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.237	0.0	43.5	40.7	40.6	57.5	44.9	0.75	0.25	0.0	43.5	49.1	44.4	66.2	42.1	9.1	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
505	R18Y_075_062$_d$	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.239	0.125	46.8	38.1	29.4	48.2	37.6	0.75	0.25	0.125	42.3	52.9	42.1	67.6	38.5	19.9	39	1.0	0.183	0.0	49.3	61.0	47.1	77.1	37.6
506	R00Y_075_050$_d$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	52.1	31.6	21.2	38.1	33.8	0.75	0.25	0.25	41.3	53.8	24.5	59.1	24.5	24.8	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
507	R26Y_075_050$_d$	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.366	52.2	32.1	15.4	35.6	25.6	0.75	0.25	0.375	41.7	56.5	6.6	56.9	6.6	28.0	377	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6
508	R00Y_075_050$_d$	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.5	52.2	34.2	5.9	34.7	9.8	0.75	0.25	0.5	42.6	64.0	−13.4	65.4	348.1	36.8	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
509	B61R_075_050$_d$	0.75	0.25	0.625	0.75	0.5	0.5	344	0.75	0.25	0.633	52.2	36.4	−1.3	36.4	357.9	0.75	0.25	0.625	42.6	56.8	−23.2	61.4	337.7	31.4	342	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9
510	B50R_075_050$_d$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	53.1	35.5	−5.2	35.9	351.5	0.75	0.25	0.75	42.1	45.5	−29.3	54.2	327.1	28.3	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
511	B40R_087_062$_d$	0.75	0.25	0.875	0.875	0.625	0.562	319	0.76	0.25	0.875	53.3	25.5	−18.9	31.7	323.4	0.75	0.25	0.875	42.3	35.8	−33.0	48.7	317.2	20.6	320	0.816	0.0	1.0	43.7	40.8	−30.2	50.8	323.4
512	B34R_100_075$_d$	0.75	0.25	1.0	1.0	0.75	0.625	311	0.762	0.25	1.0	53.5	19.5	−29.2	35.1	303.7	0.75	0.25	1.0	44.9	27.9	−34.0	44.0	309.4	12.9	311	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
513	R50Y_075_075$_d$	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.375	0.0	51.5	24.9	48.2	54.3	62.6	0.75	0.375	0.0	53.1	28.3	52.9	60.0	61.8	5.9	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
514	R38Y_075_062$_d$	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.364	0.125	50.8	30.2	36.1	47.1	50.0	0.75	0.375	0.125	52.3	31.7	51.7	60.7	58.4	15.7	52	1.0	0.383	0.0	55.7	48.3	57.8	75.4	50.0
515	R23Y_075_050$_d$	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.366	0.25	52.9	30.0	24.7	38.9	39.4	0.75	0.375	0.25	53.8	30.8	33.7	45.6	47.5	9.0	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
516	R00Y_075_037$_d$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	58.1	23.7	15.9	28.6	33.8	0.75	0.375	0.375	53.7	34.6	13.8	37.3	21.8	11.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
517	R18Y_075_037$_d$	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.493	58.2	24.4	9.3	26.1	20.8	0.75	0.375	0.5	52.3	42.1	−5.0	42.4	353.1	23.5	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
518	B65R_075_037$_d$	0.75	0.375	0.625	0.75	0.375	0.562	349	0.75	0.375	0.631	58.2	26.8	0.8	26.8	1.7	0.75	0.375	0.625	51.2	47.3	−21.1	51.8	335.9	30.8	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
519	B50R_075_037$_d$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	58.9	26.6	−3.9	26.9	351.5	0.75	0.375	0.75	48.2	37.7	−28.3	47.1	323.1	28.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
520	B38R_087_050$_d$	0.75	0.375	0.875	0.875	0.5	0.625	316	0.758	0.375	0.875	59.1	17.1	−16.7	23.9	315.7	0.75	0.375	0.875	48.8	25.9	−32.1	41.2	308.8	20.4	317	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7
521	B30R_100_062$_d$	0.75	0.375	1.0	1.0	0.625	0.687	307	0.76	0.375	1.0	59.4	12.1	−26.6	29.3	294.4	0.75	0.375	1.0	50.1	20.6	−33.3	39.1	301.8	14.2	307	0.616	0.0	1.0	37.2	19.3	−42.6	46.8	294.4
522	R68Y_075_075$_d$	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.512	0.0	61.4	7.2	58.3	58.8	82.9	0.75	0.5	0.0	62.4	10.4	62.4	63.3	80.4	5.3	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
523	R61Y_075_062$_d$	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.51	0.125	60.9	10.9	45.4	46.7	76.4	0.75	0.5	0.125	62.2	12.2	61.9	63.1	78.7	16.5	67	1.0	0.616	0.0	71.9	17.5	72.7	74.8	76.4
524	R50Y_075_050$_d$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	59.7	16.6	32.1	36.2	62.6	0.75	0.5	0.25	62.8	12.5	46.7	48.4	74.9	15.3	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
525	R31Y_075_037$_d$	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.493	0.375	59.8	20.3	20.3	28.7	44.9	0.75	0.5	0.375	63.0	14.3	24.6	28.5	59.7	8.0	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
526	R00Y_075_025$_d$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	64.1	15.8	10.6	19.0	33.8	0.75	0.5	0.5	61.7	19.9	6.2	20.8	17.3	6.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
527	R00Y_075_025$_d$	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.625	64.2	17.1	2.9	17.3	9.8	0.75	0.5	0.625	60.7	29.2	−11.5	31.4	338.5	19.2	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
528	B50R_075_025$_d$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	64.6	17.7	−2.6	17.9	351.5	0.75	0.5	0.75	58.7	29.4	−23.7	37.8	321.1	24.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
529	B34R_087_037$_d$	0.75	0.5	0.875	0.875	0.375	0.687	311	0.756	0.5	0.875	64.8	9.7	−14.6	17.5	303.7	0.75	0.5	0.875	56.2	20.4	−28.9	35.4	305.2	19.8	311	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
530	B25R_100_050$_d$	0.75	0.5	1.0	1.0	0.5	0.75	300	0.75	0.5	1.0	66.4	4.0	−23.9	24.2	279.6	0.75	0.5	1.0	55.8	12.8	−31.7	34.2	292.0	15.8	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
531	R85Y_075_075$_d$	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.637	0.0	69.4	−6.3	66.8	67.1	95.3	0.75	0.625	0.0	72.1	−5.1	72.5	72.7	94.0	6.4	81	1.0	0.85	0.0	87.2	−8.4	89.1	89.5	95.3
532	R81Y_075_062$_d$	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.635	0.125	69.3	−3.1	54.3	54.4	93.3	0.75	0.625	0.125	71.9	−4.8	72.4	72.6	93.8	18.3	80	1.0	0.816	0.0	85.3	−5.0	86.9	87.1	93.3
533	R76Y_075_050$_d$	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.633	0.25	69.2	−0.1	41.7	41.7	90.2	0.75	0.625	0.25	71.2	−3.8	64.0	64.1	93.4	22.6	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
534	R68Y_075_037$_d$	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.631	0.375	68.8	3.6	29.1	29.4	82.9	0.75	0.625	0.375	70.7	−1.5	41.3	41.3	92.1	13.3	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
535	R50Y_075_025$_d$	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.625	0.5	68.0	8.3	16.0	18.1	62.6	0.75	0.625	0.5	69.8	2.5	22.1	22.2	83.3	8.5	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
536	R00Y_075_012$_d$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	70.2	7.9	5.3	9.5	33.8	0.75	0.625	0.625	67.3	10.3	1.2	10.4	6.8	5.5	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
537	B50R_075_012$_d$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	70.4	8.8	−1.3	8.9	351.5	0.75	0.625	0.75	69.9	14.3	−15.2	20.9	313.2	14.9	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
538	B25R_087_025$_d$	0.75	0.625	0.875	0.875	0.25	0.75	300	0.75	0.625	0.875	71.3	2.0	−11.9	12.1	279.6	0.75	0.625	0.875	67.5	10.3	−24.0	26.1	293.2	15.1	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
539	B15R_100_037$_d$	0.75	0.625	1.0	1.0	0.375	0.812	289	0.743	0.625	1.0	74.9	−0.5	−18.6	18.6	268.1	0.75	0.625	1.0	65.2	4.5	−27.6	28.0	279.2	14.1	288	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
540	Y00G_075_075$_d$	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	73.5	−13.1	71.4	72.6	100.4	0.75	0.75	0.0	81.2	−17.1	81.9	83.7	101.7	13.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
541	Y00G_075_062$_d$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	74.0	−10.9	59.5	60.5	100.4	0.75	0.75	0.125	80.3	−16.8	81.1	82.9	101.7	23.2	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
542	Y00G_075_050$_d$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	74.4	−8.7	47.6	48.4	100.4	0.75	0.75	0.25	79.5	−16.5	77.3	79.1	102.0	31.1	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
543	Y00G_075_037$_d$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	74.9	−6.5	35.7	36.3	100.4	0.75	0.75	0.375	79.5	−15.6	57.7	59.7	105.1	24.1	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
544	Y00G_075_025$_d$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	75.3	−4.3	23.8	24.2	100.4	0.75	0.75	0.5	78.7	−12.7	38.5	40.5	108.3	17.2	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
545	Y00G_075_012$_d$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	75.7	−2.1	11.9	12.1	100.4	0.75	0.75	0.625	76.0	−7.6	19.5	21.0	111.4	9.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
546	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.75	0.75	0.75	73.1	0.2	−0.4	0.5	293.1	3.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
547	B00R_087_012$_d$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	79.4	−0.6	−6.1	6.1	264.0	0.75	0.75	0.875	82.1	−2.3	−15.9	16.0	261.4	10.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
548	B00R_100_025$_d$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	82.6	−1.2	−12.2	12.3	264.0	0.75	0.75	1.0	78.0	−7.0	−20.9	22.1	251.3	11.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
549	Y13G_087_087$_d$	0.75	0.875	0.0	0.875	0.875	0.437	98	0.758	0.875	0.0	74.7	−24.7	69.3	73.5	109.6	0.75	0.875	0.0	81.1	−30.0	75.5	81.3	111.7	10.4	97	0.866	1.0	0.0	83.1	−28.2	79.2	84.1	109.6
550	Y15G_087_075$_d$	0.75	0.875	0.125	0.875	0.75	0.5	99	0.762	0.875	0.125	75.4	−22.3	57.9	62.1	111.1	0.75	0.875	0.125	81.5	−30.0	75.4	81.2	111.6	20.0	97	0.85	1.0	0.0	81.9	−29.8	77.3	82.8	111.1
551	Y18G_087_062$_d$	0.75	0.875	0.25	0.875	0.625	0.562	101	0.76	0.875	0.25	75.7	−20.5	45.8	50.2	114.1	0.75	0.875	0.25	82.1	−29.2	70.4	76.2	112.5	26.8	99	0.816	1.0	0.0	79.4	−32.8	73.4	80.4	114.1
552	Y23G_087_050$_d$	0.75	0.875	0.375	0.875	0.5	0.625	104	0.758	0.875	0.375	75.9	−18.3	33.6	38.3	118.6	0.75	0.875	0.375	83.1	−27.4	57.6	63.8	115.4	26.6	102	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6
553	Y31G_087_037$_d$	0.75	0.875	0.5	0.875	0.375	0.687	109	0.756	0.875	0.5	76.6	−15.9	22.2	27.3	125.6	0.75	0.875	0.5	83.6	−25.3	43.7	50.5	120.0	24.4	108	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125.6
554	Y50G_087_025$_d$	0.75	0.875	0.625	0.875	0.25	0.75	120	0.75	0.875	0.625	77.6	−13.4	11.5	17.7	139.3	0.75	0.875	0.625	84.9	−22.0	29.8	37.1	126.4	21.4	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
555	G00B_087_012$_d$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	81.5	−7.4	5.1	9.0	145.5	0.75	0.875	0.75	87.1	−17.6	17.6	24.9	135.1	17.0	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
556	G50B_087_012$_d$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	81.3	−5.0	−2.7	5.7	208.3	0.75	0.875	0.875	87.4	−12.4	−0.4	12.4	181.9	9.8	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
557	G75B_100_025$_d$	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.875	1.0	84.0	−3.6	−12.5	13.0	253.6	0.75	0.875	1.0	86.0	−9.0	−13.8	16.5	236.8	5.8	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
558	Y23G_100_100$_d$	0.75	1.0	0.0	1

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				
567	R00Y_087_087d	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	44.0	55.4	37.2	66.7	33.8	0.875	0.0	0.0	43.4	56.5	39.8	69.1	35.2	2.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
568	R36Y_087_087d	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.116	44.3	55.5	32.6	64.4	30.4	0.875	0.0	0.125	43.3	55.8	34.5	65.6	31.7	2.1	382	1.0	0.0	0.133	48.4	63.4	37.3	73.6	30.4
569	R23Y_087_087d	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.233	44.2	56.4	24.9	61.7	23.8	0.875	0.0	0.25	42.8	56.3	25.3	61.7	24.1	1.4	375	1.0	0.0	0.266	48.3	64.5	28.5	70.5	23.8
570	R08Y_087_087d	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.364	44.3	58.3	15.4	60.4	14.8	0.875	0.0	0.375	43.0	59.0	12.1	60.2	11.6	3.6	365	1.0	0.0	0.416	48.4	66.7	17.6	69.0	14.8
571	B70R_087_087d	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.51	44.3	61.0	6.7	61.4	6.3	0.875	0.0	0.5	43.3	63.5	0.0	63.5	359.9	7.2	354	1.0	0.0	0.583	48.3	69.7	7.7	70.1	6.3
572	B63R_087_087d	0.875	0.0	0.625	0.875	0.875	0.437	346	0.875	0.0	0.641	44.2	63.3	−0.7	63.3	359.3	0.875	0.0	0.625	44.3	68.6	−11.5	69.5	350.4	12.0	344	1.0	0.0	0.733	48.3	72.4	−0.8	72.4	359.3
573	B56R_087_087d	0.875	0.0	0.75	0.875	0.875	0.437	338	0.875	0.0	0.758	44.5	64.7	−6.3	65.0	354.3	0.875	0.0	0.75	44.1	67.7	−15.7	69.5	346.9	9.8	337	1.0	0.0	0.866	48.6	74.0	−7.3	74.3	354.3
574	B50R_087_087d	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	45.8	62.2	−9.2	62.9	351.5	0.875	0.0	0.875	43.6	60.6	−20.1	63.9	341.6	11.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
575	B44R_100_100d	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	46.0	49.6	−24.5	55.3	333.7	0.875	0.0	1.0	45.7	48.0	−25.0	54.1	332.4	1.7	323	0.883	0.0	1.0	46.0	49.6	−24.5	55.3	333.7
576	R13Y_087_087d	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.116	0.0	44.7	54.1	39.1	66.8	35.8	0.875	0.125	0.0	44.6	59.1	45.2	74.4	37.4	7.8	37	1.0	0.133	0.0	48.8	61.8	44.7	76.3	35.8
577	R00Y_087_075d	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	50.1	47.5	31.8	57.2	33.8	0.875	0.125	0.125	43.6	56.5	32.7	65.3	30.0	11.2	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
578	R35Y_087_075d	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.237	50.3	47.7	27.1	54.9	29.6	0.875	0.125	0.25	43.3	57.5	22.7	61.8	21.6	12.7	382	1.0	0.0	0.15	48.4	63.6	36.2	73.2	29.6
579	R18Y_087_075d	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.362	50.3	48.8	18.6	52.3	20.8	0.875	0.125	0.375	43.4	60.4	10.2	61.3	9.6	15.8	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
580	R00Y_087_075d	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.5	50.3	51.3	8.9	52.1	9.8	0.875	0.125	0.5	43.7	65.5	−3.0	65.6	357.3	19.7	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
581	B65R_087_075d	0.875	0.125	0.625	0.875	0.75	0.5	349	0.875	0.125	0.637	50.2	53.6	1.6	53.6	1.7	0.875	0.125	0.625	45.1	70.5	−12.9	71.7	349.5	22.9	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
582	B57R_087_075d	0.875	0.125	0.75	0.875	0.75	0.5	339	0.875	0.125	0.762	50.5	55.3	−4.8	55.6	354.9	0.875	0.125	0.75	44.0	65.2	−17.4	67.5	345.0	17.2	337	1.0	0.0	0.85	48.6	73.8	−6.5	74.1	354.9
583	B50R_087_075d	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	51.6	53.3	−7.8	53.9	351.5	0.875	0.125	0.875	44.4	56.5	−22.1	60.7	338.5	16.3	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
584	B43R_100_087d	0.875	0.125	1.0	1.0	0.875	0.562	322	0.883	0.125	1.0	51.8	41.1	−22.6	46.9	331.1	0.875	0.125	1.0	45.9	46.5	−25.7	53.1	331.0	8.4	322	0.866	0.0	1.0	45.4	47.0	−25.9	53.7	331.1
585	R26Y_087_087d	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.233	0.0	46.2	51.1	44.8	68.0	41.2	0.875	0.25	0.0	47.7	57.2	50.1	76.0	41.2	8.1	44	1.0	0.266	0.0	50.6	58.4	51.3	77.8	41.2
586	R15Y_087_075d	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.237	0.125	50.7	46.2	34.1	57.4	36.4	0.875	0.25	0.125	46.7	60.1	44.9	75.0	36.7	18.0	37	1.0	0.15	0.0	49.0	61.6	45.5	76.6	36.4
587	R00Y_087_062d	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	56.1	39.5	26.5	47.6	33.8	0.875	0.25	0.25	46.9	60.8	31.0	68.3	27.0	23.6	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
588	R31Y_087_062d	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.364	56.3	39.9	21.3	45.2	28.0	0.875	0.25	0.375	47.0	63.7	17.2	66.0	15.1	25.8	380	1.0	0.0	0.183	48.3	63.9	34.0	72.4	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	56.3	41.1	12.4	43.0	16.8	0.875	0.25	0.5	47.7	68.9	−1.3	68.9	358.9	32.1	367	1.0	0.0	0.383	48.4	65.9	19.9	68.8	16.8
590	B69R_087_062d	0.875	0.25	0.625	0.875	0.625	0.562	353	0.875	0.25	0.635	56.3	43.8	3.7	44.0	4.8	0.875	0.25	0.625	47.8	71.0	−12.9	72.2	349.6	32.9	352	1.0	0.0	0.616	48.3	70.1	6.0	70.4	4.8
591	B59R_087_062d	0.875	0.25	0.75	0.875	0.625	0.562	341	0.875	0.25	0.76	56.4	45.9	−3.0	46.0	356.1	0.875	0.25	0.75	46.8	61.2	−18.7	64.0	342.9	23.9	339	1.0	0.0	0.816	48.5	73.5	−4.9	73.6	356.1
592	B50R_087_062d	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	57.4	44.4	−6.5	44.9	351.5	0.875	0.25	0.875	46.9	51.6	−23.2	56.6	335.7	20.9	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
593	B42R_100_075d	0.875	0.25	1.0	1.0	0.75	0.625	321	0.887	0.25	1.0	57.7	33.7	−20.6	39.5	328.5	0.875	0.25	1.0	46.9	44.4	−26.0	51.5	329.6	16.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.5
594	R41Y_087_087d	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.364	0.0	52.6	38.6	52.5	65.2	53.6	0.875	0.375	0.0	55.1	41.6	55.5	69.4	53.1	4.8	54	1.0	0.416	0.0	57.9	44.1	60.0	74.5	53.6
595	R31Y_087_075d	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.362	0.125	53.5	40.7	40.6	57.5	44.9	0.875	0.375	0.125	54.5	48.7	55.9	74.2	48.9	17.2	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
596	R18Y_087_062d	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.364	0.25	56.9	38.1	29.4	48.2	37.6	0.875	0.375	0.25	54.4	51.6	42.2	66.7	39.2	18.7	39	1.0	0.183	0.0	49.3	61.0	47.1	77.1	37.6
597	R00Y_087_050d	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	62.1	31.6	21.2	38.1	33.8	0.875	0.375	0.375	54.6	52.9	22.8	57.6	23.3	22.6	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
598	R26Y_087_050d	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.491	62.2	32.1	15.4	35.6	25.6	0.875	0.375	0.5	54.5	56.0	5.4	56.3	5.5	27.0	377	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6
599	R00Y_087_050d	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.625	62.3	34.2	5.9	34.7	9.8	0.875	0.375	0.625	54.6	63.2	−12.3	64.4	348.9	35.1	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
600	B61R_087_050d	0.875	0.375	0.75	0.875	0.5	0.625	344	0.875	0.375	0.758	62.3	36.4	−1.3	36.4	357.9	0.875	0.375	0.75	53.1	53.7	−18.0	56.7	341.4	25.7	342	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9
601	B50R_087_050d	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	63.2	35.5	−5.2	35.9	351.5	0.875	0.375	0.875	51.1	45.2	−23.0	50.7	332.9	23.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
602	B40R_100_062d	0.875	0.375	1.0	1.0	0.625	0.687	319	0.885	0.375	1.0	63.4	25.5	−18.9	31.7	323.4	0.875	0.375	1.0	49.6	39.7	−26.0	47.4	326.7	21.0	320	0.816	0.0	1.0	43.7	40.8	−30.2	50.8	323.4
603	R58Y_087_087d	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.51	0.0	62.8	19.5	61.8	64.8	72.5	0.875	0.5	0.0	65.1	22.9	65.1	69.0	70.6	5.2	65	1.0	0.583	0.0	69.5	22.2	70.7	74.1	72.5
604	R50Y_087_075d	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.5	0.125	61.6	24.9	48.2	54.3	62.6	0.875	0.5	0.125	64.6	24.7	64.8	69.4	69.1	16.8	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
605	R38Y_087_062d	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.489	0.25	60.9	30.2	36.1	47.1	50.0	0.875	0.5	0.25	65.0	28.0	54.7	61.5	62.8	19.1	52	1.0	0.383	0.0	55.7	48.3	57.8	75.4	50.0
606	R23Y_087_050d	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.491	0.375	63.0	30.0	24.7	38.9	39.4	0.875	0.5	0.375	66.1	28.1	31.3	42.1	48.0	7.5	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
607	R00Y_087_037d	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	68.2	23.7	15.9	28.6	33.8	0.875	0.5	0.5	65.3	32.2	13.2	34.8	22.2	9.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
608	R18Y_087_037d	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.618	68.3	24.4	9.3	26.1	20.8	0.875	0.5	0.625	64.0	41.0	−4.1	41.2	354.2	21.7	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
609	B65R_087_037d	0.875	0.5	0.75	0.875	0.375	0.687	349	0.875	0.5	0.756	68.2	26.8	0.8	26.8	1.7	0.875	0.5	0.75	63.0	42.9	−15.2	45.5	340.4	23.3	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
610	B50R_087_037d	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	68.9	26.6	−3.9	26.9	351.5	0.875	0.5	0.875	59.0	35.3	−21.0	41.1	329.2	21.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
611	B38R_100_050d	0.875	0.5	1.0	1.0	0.5	0.75	316	0.883	0.5	1.0	69.1	17.1	−16.7	23.9	315.7	0.875	0.5	1.0	56.5	30.1	−24.5	38.8	320.7	19.7	317	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7
612	R73Y_087_087d	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.641	0.0	72.1	2.9	71.1	71.1	87.6	0.875	0.625	0.0	74.3	6.4	74.5	74.8	85.0	5.3	75	1.0	0.733	0.0	80.1	3.3	81.2	81.3	87.6
613	R68Y_087_075d	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.637	0.125	71.5	7.2	58.3	58.8	82.9	0.875	0.625	0.125	73.8	7.2	74.2	74.5	84.4	16.0	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
614	R61Y_087_062d	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.635	0.25	71.0	10.9	45.4	46.7	76.4	0.875	0.625	0.25	73.7	9.0	68.0	68.6	82.3	22.7	67	1.0	0.616	0.0	71.9	17.5	72.7	74.8	76.4
615	R50Y_087_050d	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.625	0.375	69.8	16.6	32.1	36.2	62.6	0.875	0.625	0.375	74.3	10.2	43.2	44.4	76.6	13.5	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
616	R31Y_087_037d	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.618	0.5	69.9	20.3	20.3	28.7	44.9	0.875	0.625	0.5	74.6	12.6	24.6	27.7	62.8	10.0	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
617	R00Y_087_025d	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	74.2	15.8	10.6	19.0	33.8	0.875	0.625	0.625	72.9	20.1	6.4	21.1	17.8	6.1	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
618	R00Y_087_025d	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.75	74.3	17.1	2.9	17.3	9.8	0.875	0.625	0.75	73.4	29.8	−10.6	31.7	340.3	18.6	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
619	B50R_087_025d	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	74.7	17.7	−2.6	17.9	351.5	0.875	0.625	0.875	68.3	25.6	−17.2	30.9	326.0	17.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
620	B34R_100_037d	0.875	0.625	1.0	1.0	0.375	0.812	311	0.881	0.625	1.0	74.9	9.7	−14.6	17.5	303.7	0.875	0.625	1.0	65.3	21.0	−21.0	29.7	314.9	16.1	311	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
621	R86Y_087_087d	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.758	0.0	79.2	−8.8	78.8	79.3	96.4	0.875	0.75	0.0	82.9	−6.6	83.9	84.1	94.5	6.6	82	1.0	0.866	0.0	88.2	−10.1	90.1	90.7	96.4
622	R85Y_087_075d	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.762	0.125	79.4	−6.3	66.8	67.1	95.3	0.875	0.75	0.125	82.1	−6.3	82.9	83.1	94.3	16.3	81	1.0	0.85	0.0	87.2	−8.4	89.1	89.5	95.3
623	R81Y_087_062d	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.76	0.25	79.3	−3.1	54.3	54.4	93.3	0.875	0.75	0.25	81.5	−5.5	79.4	79.6	93.9	25.3	80	1.0	0.816	0.0	85.3	−5.0	86.9	87.1	93.3
624	R76Y_087_050d	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.758	0.375	79.2	−0.1	41.7	41.7	90.2	0.875	0.75	0.375	81.9	−4.5	61.7	61.9	94.2	20.6	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
625	R68Y_087_037d	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.756	0.5	78.9	3.6	29.1	29.4	82.9	0.875	0.75	0.5	81.7	−1.3	41.1	41.1	91.8	13.2	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
626	R50Y_087_025d	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.75	0.625	78.0	8.3	16.0	18.1	62.6	0.875	0.75	0.625	80.5	3.3	22.4	22.6	81.5	8.4	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
627	R00Y_087_012d	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	80.2	7.9	5.3	9.5	33.8	0.875	0.75	0.75	78.7	10.4	1.5	10.5	8.4	4.8	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
628	B50R_087_012d	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	80.5	8.8	−1.3	8.9	351.5	0.875	0.75	0.875	81.3	14.7	−11.0	18.4	323.1	11.4	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
629	B25R_100_025d	0.875	0.75	1.0	1.0	0.25	0.875	300	0.875	0.75	1.0	81.4	2.0	−11.9	12.1	279.6	0.875	0.75	1.0	76.9	9.5	−16.2	18.8	300.4	9.6	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
630	Y00G_087_087d	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	83.2	−15.3	83.3	84.7	100.4	0.875	0.875	0.0	89.1	−17.5	90.6	92.3	100.9	9.6	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
631	Y00G_087_075d	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	83.6	−13.1	71.4	72.6	100.4	0.875	0.875	0.125	88.7	−17.3	90.2	91.9	100.8	19.9	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
632	Y00G_087_062d	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	84.1	−10.9	59.5	60.5	100.4	0.875	0.875	0.25	88.4	−17.4	89.0	90.7	101.0	30.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
633	Y00G_087_050d	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	84.5	−8.7	47.6	48.4	100.4	0.875	0.875	0.375	88.8	−16.9	73.5	75.4	103.0	27.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
634	Y00G_087_037d	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	84.9	−6.5	35.7	36.3	100.4	0.875	0.875	0.5	88.7	−14.7	54.1	56.1	105.2	20.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
635	Y00G_087_025d	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	85.4	−4.3	23.8	24.2	100.4	0.875	0.875	0.625	88.5	−11.8	37.5	39.3	107.5	15.9	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
636	Y00G_087_012d	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	85.8	−2.1	11.9	12.1	100.4	0.875	0.875	0.75	87.5	−7.1	19.3	20.5	110.2	9.0	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
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	0.875	0.875	0.875	86.3	0.1	−0.2	0.2	313.1	0.2	360	1.0	1.0	1.0	96.3	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	89.5	−0.6	−6.1	6.1	264.0	0.875	0.875	1.0	89.9	−2.0	−7.8	8.1	255.2	2.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
639	Y11G_100_100d	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	84.3	−26.8	81.2	85.5	108.2	0.875	1.0	0.0	83.7	−27.3	80.1	84.7	108.8	1.3	96	0.883	1.0	0.0	84.3	−26.8	81.2	85.5	108.2
640	Y13G_100_087d	0.875	1.0	0.125	1.0	0.875	0.562	98	0.883	1.0	0.125	84.8	−24.7	69.3	73.5	109.6	0.875	1.0	0.125	83.4	−27.9	77.2	82.1	109.8	8.6	97	0.866	1.0	0.0	83.1	−28.2	79.2	84.1	109.6
641	Y15G_100_075d	0.875	1.0	0.25	1.0	0.75	0.625	99	0.887	1.0	0.25	85.5	−22.3	57.9	62.1	111.1	0.875	1.0	0.25	85.2	−25.9	69.8	74.4	110.3	12.3	97	0.85	1.0	0.0	81

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

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**$_{Md}$				
648	R00Y_100_100$_d$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	0.0	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
649	R38Y_100_100$_d$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	48.4	63.4	38.1	74.0	31.0	1.0	0.0	0.125	48.4	63.4	37.8	73.8	30.8	0.3	383	1.0	0.0	0.116	48.4	63.4	38.1	74.0	31.0
650	R26Y_100_100$_d$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6	1.0	0.0	0.25	48.3	64.2	29.8	70.8	24.8	1.0	377	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6
651	R13Y_100_100$_d$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	48.4	65.6	21.1	68.9	17.8	1.0	0.0	0.375	48.4	65.6	20.4	68.8	17.3	0.6	368	1.0	0.0	0.366	48.4	65.6	21.1	68.9	17.8
652	R00Y_100_100$_d$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8	0.0	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
653	B68R_100_100$_d$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	48.3	70.4	5.1	70.6	4.1	1.0	0.0	0.625	48.3	70.3	5.5	70.5	4.5	0.5	351	1.0	0.0	0.633	48.3	70.4	5.1	70.6	4.1
654	B61R_100_100$_d$	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358.5	0.7	342	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9
655	B55R_100_100$_d$	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	48.8	73.8	−7.9	74.3	353.8	1.0	0.0	0.875	48.7	74.0	−7.7	74.4	354.0	0.2	336	1.0	0.0	0.883	48.8	73.8	−7.9	74.3	353.8
656	B50R_100_100$_d$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	0.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
657	R11Y_100_100$_d$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	48.7	62.0	44.2	76.2	35.4	1.0	0.125	0.0	48.8	62.0	44.3	76.2	35.6	0.1	36	1.0	0.116	0.0	48.7	62.0	44.2	76.2	35.4
658	R00Y_100_087$_d$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	54.1	55.4	37.2	66.7	33.8	1.0	0.125	0.125	48.4	63.2	39.4	74.5	31.9	9.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
659	R36Y_100_087$_d$	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.241	54.4	55.5	32.6	64.4	30.4	1.0	0.125	0.25	48.4	64.2	31.7	71.6	26.3	10.5	382	1.0	0.0	0.133	48.4	63.4	37.3	73.6	30.4
660	R23Y_100_087$_d$	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.358	54.3	56.4	24.9	61.7	23.8	1.0	0.125	0.375	48.3	66.2	21.4	69.6	17.9	11.9	375	1.0	0.0	0.266	48.3	64.5	28.5	70.5	23.8
661	R08Y_100_087$_d$	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.489	54.4	58.3	15.4	60.4	14.8	1.0	0.125	0.5	48.5	68.1	12.1	69.1	10.1	11.8	365	1.0	0.0	0.416	48.4	66.7	17.6	69.0	14.8
662	B70R_100_087$_d$	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.635	54.3	61.0	6.7	61.4	6.3	1.0	0.125	0.625	48.2	70.3	5.5	70.6	4.4	11.2	354	1.0	0.0	0.583	48.3	69.7	7.7	70.1	6.3
663	B63R_100_087$_d$	1.0	0.125	0.75	1.0	0.875	0.562	346	1.0	0.125	0.766	54.3	63.3	−0.7	63.3	359.3	1.0	0.125	0.75	48.3	72.9	−2.8	73.0	357.8	11.4	344	1.0	0.0	0.733	48.3	72.4	−0.8	72.4	359.3
664	B56R_100_087$_d$	1.0	0.125	0.875	1.0	0.875	0.562	338	1.0	0.125	0.883	54.6	64.7	−6.3	65.0	354.3	1.0	0.125	0.875	48.9	74.2	−8.7	74.7	353.2	11.3	337	1.0	0.0	0.866	48.6	74.0	−7.3	74.3	354.3
665	B50R_100_087$_d$	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	55.9	62.2	−9.2	62.9	351.5	1.0	0.125	1.0	50.6	70.8	−10.3	71.6	351.7	10.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
666	R23Y_100_100$_d$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40.0	0.8	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
667	R13Y_100_087$_d$	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.241	0.125	54.8	54.1	39.1	66.8	35.8	1.0	0.25	0.125	49.3	61.2	44.4	75.7	35.9	10.4	37	1.0	0.133	0.0	48.8	61.8	44.7	76.3	35.8
668	R00Y_100_075$_d$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	60.1	47.5	31.8	57.2	33.8	1.0	0.25	0.25	49.3	62.7	32.7	70.8	27.5	18.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
669	R35Y_100_075$_d$	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.362	60.4	47.7	27.1	54.9	29.6	1.0	0.25	0.375	48.6	65.8	21.1	69.1	17.7	22.4	382	1.0	0.0	0.15	48.4	63.6	36.2	73.2	29.6
670	R18Y_100_075$_d$	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.487	60.3	48.8	18.6	52.3	20.8	1.0	0.25	0.5	49.3	67.6	9.9	68.3	8.3	23.4	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
671	R00Y_100_075$_d$	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.625	60.3	51.3	8.9	52.1	9.8	1.0	0.25	0.625	49.4	70.1	1.2	70.1	0.9	23.0	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
672	B65R_100_075$_d$	1.0	0.25	0.75	1.0	0.75	0.625	349	1.0	0.25	0.762	60.3	53.6	1.6	53.6	1.7	1.0	0.25	0.75	50.4	71.1	−6.9	71.4	354.4	21.8	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
673	B57R_100_075$_d$	1.0	0.25	0.875	1.0	0.75	0.625	339	1.0	0.25	0.887	60.5	55.3	−4.8	55.6	354.9	1.0	0.25	0.875	51.5	70.6	−10.6	71.4	351.4	18.6	337	1.0	0.0	0.85	48.6	73.8	−6.5	74.1	354.9
674	B50R_100_075$_d$	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	61.7	53.3	−7.8	53.9	351.5	1.0	0.25	1.0	53.5	66.1	−11.3	67.1	350.2	15.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
675	R36Y_100_100$_d$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	54.8	50.1	56.8	75.7	48.5	1.0	0.375	0.0	55.1	49.4	57.2	75.6	49.1	0.8	51	1.0	0.366	0.0	54.8	50.1	56.8	75.7	48.5
676	R26Y_100_087$_d$	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.358	0.125	56.3	51.1	44.8	68.0	41.2	1.0	0.375	0.125	53.8	52.3	54.5	75.6	46.1	10.0	44	1.0	0.266	0.0	50.6	58.4	51.3	77.8	41.2
677	R15Y_100_075$_d$	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.362	0.25	60.8	46.2	34.1	57.4	36.4	1.0	0.375	0.25	53.5	54.0	40.7	67.6	37.0	12.5	37	1.0	0.15	0.0	49.0	61.6	45.5	76.6	36.4
678	R00Y_100_062$_d$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	66.2	39.5	26.5	47.6	33.8	1.0	0.375	0.375	54.0	55.6	25.0	61.0	24.2	20.2	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
679	R31Y_100_062$_d$	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.489	66.3	39.9	21.3	45.2	28.0	1.0	0.375	0.5	54.0	58.7	12.3	60.0	11.8	24.2	380	1.0	0.0	0.183	48.3	63.9	34.0	72.4	28.0
680	R11Y_100_062$_d$	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.614	66.4	41.1	12.4	43.0	16.8	1.0	0.375	0.625	54.5	60.8	2.3	60.9	2.2	25.0	367	1.0	0.0	0.383	48.4	65.9	19.9	68.8	16.8
681	B69R_100_062$_d$	1.0	0.375	0.75	1.0	0.625	0.687	353	1.0	0.375	0.76	66.3	43.8	3.7	44.0	4.8	1.0	0.375	0.75	55.0	63.2	−6.5	63.5	354.0	24.7	352	1.0	0.0	0.616	48.3	70.1	6.0	70.4	4.8
682	B59R_100_062$_d$	1.0	0.375	0.875	1.0	0.625	0.687	341	1.0	0.375	0.885	66.4	45.9	−3.0	46.0	356.1	1.0	0.375	0.875	55.8	63.6	−11.3	64.6	349.9	22.2	339	1.0	0.0	0.816	48.5	73.5	−4.9	73.6	356.1
683	B50R_100_062$_d$	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	67.5	44.4	−6.5	44.9	351.5	1.0	0.375	1.0	57.0	58.5	−12.3	59.7	348.0	18.4	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
684	R50Y_100_100$_d$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6	0.0	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
685	R41Y_100_087$_d$	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.489	0.125	62.7	38.6	52.5	65.2	53.6	1.0	0.5	0.125	63.3	33.7	62.7	71.2	61.7	11.2	54	1.0	0.416	0.0	57.9	44.1	60.0	74.5	53.6
686	R31Y_100_075$_d$	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.487	0.25	63.6	40.7	40.6	57.5	44.9	1.0	0.5	0.25	62.9	35.1	52.5	63.1	56.2	13.1	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
687	R18Y_100_062$_d$	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.489	0.375	66.9	38.1	29.4	48.2	37.6	1.0	0.5	0.375	62.6	38.3	33.9	51.2	41.4	6.2	39	1.0	0.183	0.0	49.3	61.0	47.1	77.1	37.6
688	R00Y_100_050$_d$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	72.2	31.6	21.2	38.1	33.8	1.0	0.5	0.5	63.1	41.5	16.5	44.7	21.7	14.2	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
689	R26Y_100_050$_d$	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.616	72.3	32.1	15.4	35.6	25.6	1.0	0.5	0.625	63.8	43.6	6.0	44.0	7.8	17.1	377	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6
690	R00Y_100_050$_d$	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.75	72.3	34.2	5.9	34.7	9.8	1.0	0.5	0.75	63.4	47.4	−3.1	47.5	356.2	18.3	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
691	B61R_100_050$_d$	1.0	0.5	0.875	1.0	0.5	0.75	344	1.0	0.5	0.883	72.3	36.4	−1.3	36.4	357.9	1.0	0.5	0.875	63.3	50.9	−10.7	52.0	348.0	19.4	342	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9
692	B50R_100_050$_d$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	73.2	35.5	−5.2	35.9	351.5	1.0	0.5	1.0	63.2	47.8	−12.3	49.4	345.4	17.3	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
693	R63Y_100_100$_d$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	73.1	15.4	73.8	75.4	78.1	1.0	0.625	0.0	72.5	16.3	73.1	74.9	77.4	1.2	68	1.0	0.633	0.0	73.1	15.4	73.8	75.4	78.1
694	R58Y_100_087$_d$	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.635	0.125	72.8	19.5	61.8	64.8	72.5	1.0	0.625	0.125	72.5	16.4	73.4	75.2	77.4	11.9	65	1.0	0.583	0.0	69.5	22.2	70.7	74.1	72.5
695	R50Y_100_075$_d$	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.625	0.25	71.7	24.9	48.2	54.3	62.6	1.0	0.625	0.25	72.9	16.2	64.4	66.4	75.8	18.3	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
696	R38Y_100_062$_d$	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.614	0.375	70.9	30.2	36.1	47.1	50.0	1.0	0.625	0.375	73.4	18.0	44.4	48.0	67.9	14.9	52	1.0	0.383	0.0	55.7	48.3	57.8	75.4	50.0
697	R23Y_100_050$_d$	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.616	0.5	73.0	30.0	24.7	38.9	39.4	1.0	0.625	0.5	74.5	20.8	24.5	32.1	49.7	9.3	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
698	R00Y_100_037$_d$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	78.2	23.7	15.9	28.6	33.8	1.0	0.625	0.625	73.6	26.2	11.7	28.7	24.0	6.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
699	R18Y_100_037$_d$	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.743	78.3	24.4	9.3	26.1	20.8	1.0	0.625	0.75	72.9	32.4	−1.6	32.5	357.1	14.6	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
700	B65R_100_037$_d$	1.0	0.625	0.875	1.0	0.375	0.812	349	1.0	0.625	0.881	78.3	26.8	0.8	26.8	1.7	1.0	0.625	0.875	71.5	38.1	−9.5	39.3	345.9	16.7	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
701	B50R_100_037$_d$	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	79.0	26.6	−3.9	26.9	351.5	1.0	0.625	1.0	68.9	38.6	−11.8	40.4	342.9	17.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
702	R76Y_100_100$_d$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89.2	2.1	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
703	R73Y_100_087$_d$	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.766	0.125	82.1	2.9	71.1	71.1	87.6	1.0	0.75	0.125	80.5	2.6	79.4	79.5	88.0	8.5	75	1.0	0.733	0.0	80.1	3.3	81.2	81.3	87.6
704	R68Y_100_075$_d$	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.762	0.25	81.5	7.2	58.3	58.8	82.9	1.0	0.75	0.25	81.0	2.0	74.3	74.3	88.4	16.8	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
705	R61Y_100_062$_d$	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.76	0.375	81.1	10.9	45.4	46.7	76.4	1.0	0.75	0.375	81.0	3.7	58.8	58.9	86.3	15.2	67	1.0	0.616	0.0	71.9	17.5	72.7	74.8	76.4
706	R50Y_100_050$_d$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	79.9	16.6	32.1	36.2	62.6	1.0	0.75	0.5	82.3	4.7	42.3	42.6	83.5	15.7	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
707	R31Y_100_037$_d$	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.743	0.625	80.0	20.3	20.3	28.7	44.9	1.0	0.75	0.625	83.4	8.6	22.2	23.8	68.7	12.3	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
708	R00Y_100_025$_d$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	84.3	15.8	10.6	19.0	33.8	1.0	0.75	0.75	81.4	17.4	5.8	18.4	18.3	5.8	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
709	R00Y_100_025$_d$	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.875	84.3	17.1	2.9	17.3	9.8	1.0	0.75	0.875	80.8	23.8	−7.1	24.8	343.4	12.6	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
710	B50R_100_025$_d$	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	84.8	17.7	−2.6	17.9	351.5	1.0	0.75	1.0	76.9	27.7	−9.1	29.2	341.8	14.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
711	R88Y_100_100$_d$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	89.0	−11.4	90.9	91.7	97.1	1.0	0.875	0.0	88.7	−11.0	90.6	91.3	96.9	0.5	83	1.0	0.883	0.0	89.0	−11.4	90.9	91.7	97.1
712	R86Y_100_087$_d$	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.883	0.125	89.2	−8.8	78.8	79.3	96.4	1.0	0.875	0.125	87.3	−8.5	85.2	85.6	95.7	6.6	82	1.0	0.866	0.0	88.2	−10.1	90.1	90.7	96.4
713	R85Y_100_075$_d$	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.887	0.25	89.5	−6.3	66.8	67.1	95.3	1.0	0.875	0.25	87.3	−7.7	75.1	75.5	95.8	8.7	81	1.0	0.85	0.0	87.2	−8.4	89.1	89.5	95.3
714	R81Y_100_062$_d$	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.885	0.375	89.4	−3.1	54.3	54.4	93.3	1.0	0.875	0.375	87.1	−6.2	64.4	64.8	95.5	10.8	80	1.0	0.816	0.0	85.3	−5.0	86.9	87.1	93.3
715	R76Y_100_050$_d$	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.883	0.5	89.3	−0.1	41.7	41.7	90.2	1.0	0.875	0.5	88.6	−6.6	53.9	54.3	97.0	13.7	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
716	R68Y_100_037$_d$	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.881	0.625	88.9	3.6	29.1	29.4	82.9	1.0	0.875	0.625	89.0	−4.0	39.4	39.6	95.8	12.8	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
717	R50Y_100_025$_d$	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.875	0.75	88.1	8.3	16.0	18.1	62.6	1.0	0.875	0.75	90.9	−1.3	21.3	21.3	93.6	11.3	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
718	R00Y_100_012$_d$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	90.3	7.9	5.3	9.5	33.8	1.0	0.875	0.875	89.3	9.2	0.4	9.2	2.7	5.1	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
719	B50R_100_012$_d$	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	90.6	8.8	−1.3	8.9	351.5	1.0	0.875	1.0	86.7	15.2	−6.0	16.3	338.4	8.7	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
720	Y00G_100_100$_d$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)
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*				
729	NW_100d	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.5	0.0	−0.4	0.4	273.1	0.5	360	1.0	1.0	1.0	96.3	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	91.4	−5.0	−2.7	5.7	208.3	0.875	1.0	1.0	91.7	−6.0	−3.8	7.1	212.2	1.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
731	G50B_100_025d	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	86.5	−10.1	−5.4	11.5	208.3	0.75	1.0	1.0	85.5	−12.1	−7.0	13.9	210.0	2.6	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
732	G50B_100_037d	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	81.6	−15.2	−8.2	17.2	208.3	0.625	1.0	1.0	80.3	−16.7	−10.0	19.5	210.9	2.7	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
733	G50B_100_050d	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	76.7	−20.2	−10.9	23.0	208.3	0.5	1.0	1.0	73.5	−22.1	−15.2	26.8	214.4	5.6	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
734	G50B_100_062d	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	71.8	−25.3	−13.6	28.8	208.3	0.375	1.0	1.0	67.5	−28.0	−16.7	32.6	210.9	5.9	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
735	G50B_100_075d	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	66.9	−30.4	−16.4	34.5	208.3	0.25	1.0	1.0	61.4	−34.3	−19.4	39.4	209.5	7.3	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
736	G50B_100_087d	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	62.0	−35.5	−19.1	40.3	208.3	0.125	1.0	1.0	58.3	−37.4	−21.5	43.2	209.8	4.8	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
737	G50B_100_00d	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3	0.0	1.0	1.0	56.2	−39.4	−23.0	45.7	210.3	1.8	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
738	R00Y_100_012d	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	90.3	7.9	5.3	9.5	33.8	1.0	0.875	0.875	89.8	8.7	0.0	8.7	359.3	5.5	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
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	86.6	0.2	−0.4	0.5	298.6	0.6	360	1.0	1.0	1.0	96.3	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	81.3	−5.0	−2.7	5.7	208.3	0.75	0.875	0.875	87.1	−11.9	−2.3	12.1	190.9	8.9	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
741	G50B_087_025d	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	76.4	−10.1	−5.4	11.5	208.3	0.625	0.875	0.875	80.9	−17.8	−5.3	18.6	196.7	8.8	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
742	G50B_087_037d	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	71.5	−15.2	−8.2	17.2	208.3	0.5	0.875	0.875	74.2	−23.7	−9.9	25.7	202.7	9.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
743	G50B_087_050d	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	66.6	−20.2	−10.9	23.0	208.3	0.375	0.875	0.875	69.9	−28.1	−9.3	29.6	198.3	8.6	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
744	G50B_087_062d	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	61.7	−25.3	−13.6	28.8	208.3	0.25	0.875	0.875	63.4	−35.1	−12.7	37.4	199.8	10.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
745	G50B_087_075d	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	56.8	−30.4	−16.4	34.5	208.3	0.125	0.875	0.875	58.2	−41.2	−15.5	44.1	200.6	10.9	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
746	G50B_087_087d	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	51.9	−35.5	−19.1	40.3	208.3	0.0	0.875	0.875	55.9	−42.6	−18.8	46.6	203.8	8.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
747	R00Y_100_025d	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	84.3	15.8	10.6	19.0	33.8	1.0	0.75	0.75	82.2	16.9	3.5	17.3	11.8	7.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
748	R00Y_087_012d	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	80.2	7.9	5.3	9.5	33.8	0.875	0.75	0.75	80.1	9.6	1.3	9.7	8.1	4.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
749	NW_075d	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.75	0.75	0.75	74.9	0.1	−0.6	0.7	283.4	1.4	360	1.0	1.0	1.0	96.3	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	71.3	−5.0	−2.7	5.7	208.3	0.625	0.75	0.75	75.9	−12.0	−3.4	12.5	196.0	8.4	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
751	G50B_075_025d	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	66.4	−10.1	−5.4	11.5	208.3	0.5	0.75	0.75	73.7	−21.2	−5.9	22.1	195.5	13.3	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
752	G50B_075_037d	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	61.5	−15.2	−8.2	17.2	208.3	0.375	0.75	0.75	69.6	−28.2	−6.5	29.0	193.0	15.4	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
753	G50B_075_050d	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	56.5	−20.2	−10.9	23.0	208.3	0.25	0.75	0.75	63.2	−37.4	−8.5	38.3	192.8	18.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
754	G50B_075_062d	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	51.6	−25.3	−13.6	28.8	208.3	0.125	0.75	0.75	57.6	−44.4	−11.7	46.0	194.8	20.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
755	G50B_075_075d	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	46.7	−30.4	−16.4	34.5	208.3	0.0	0.75	0.75	54.2	−47.8	−15.1	50.1	197.5	19.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
756	R00Y_100_037d	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	78.2	23.7	15.9	28.6	33.8	1.0	0.625	0.625	74.7	25.4	8.6	26.8	18.6	8.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
757	R00Y_087_025d	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	74.2	15.8	10.6	19.0	33.8	0.875	0.625	0.625	74.7	18.8	5.1	19.5	15.2	6.2	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
758	R00Y_075_012d	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	70.2	7.9	5.3	9.5	33.8	0.75	0.625	0.625	68.3	10.0	0.4	10.0	2.7	5.5	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
759	NW_062d	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.625	0.625	0.625	61.3	0.1	−1.2	1.2	275.3	4.9	360	1.0	1.0	1.0	96.3	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	61.2	−5.0	−2.7	5.7	208.3	0.5	0.625	0.625	64.6	−12.9	−3.8	13.5	196.5	8.6	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
761	G50B_062_025d	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	56.3	−10.1	−5.4	11.5	208.3	0.375	0.625	0.625	63.0	−23.8	−5.3	24.4	192.6	15.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
762	G50B_062_037d	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	51.4	−15.2	−8.2	17.2	208.3	0.25	0.625	0.625	60.7	−36.3	−7.2	37.0	191.3	23.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
763	G50B_062_050d	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	46.5	−20.2	−10.9	23.0	208.3	0.125	0.625	0.625	54.1	−51.5	−10.8	52.7	191.8	32.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
764	G50B_062_062d	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	41.6	−25.3	−13.6	28.8	208.3	0.0	0.625	0.625	50.5	−55.9	−13.6	57.5	193.7	31.8	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
765	R00Y_100_050d	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	72.2	31.6	21.2	38.1	33.8	1.0	0.5	0.5	63.7	40.7	14.0	43.1	19.0	14.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
766	R00Y_087_037d	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	68.2	23.7	15.9	28.6	33.8	0.875	0.5	0.5	66.2	31.7	10.9	33.5	18.9	9.6	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
767	R00Y_075_025d	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	64.1	15.8	10.6	19.0	33.8	0.75	0.5	0.5	62.6	19.6	4.1	20.0	11.9	7.6	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
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	7.9	5.3	9.5	33.8	0.625	0.5	0.5	55.5	10.1	0.0	10.1	359.8	7.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
769	NW_050d	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	49.4	0.0	−1.2	1.2	270.2	6.7	360	1.0	1.0	1.0	96.3	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	51.1	−5.0	−2.7	5.7	208.3	0.375	0.5	0.5	51.5	−13.3	−6.3	14.8	205.4	9.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
771	G50B_050_025d	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	46.2	−10.1	−5.4	11.5	208.3	0.25	0.5	0.5	51.0	−25.5	−7.7	26.7	196.8	16.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
772	G50B_050_037d	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	41.3	−15.2	−8.2	17.2	208.3	0.125	0.5	0.5	49.2	−52.7	−10.0	53.6	190.7	38.3	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
773	G50B_050_050d	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	36.4	−20.2	−10.9	23.0	208.3	0.0	0.5	0.5	48.5	−58.4	−9.0	59.1	188.8	40.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
774	R00Y_100_062d	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	66.2	39.5	26.5	47.6	33.8	1.0	0.375	0.375	54.7	54.3	22.9	58.9	22.8	19.0	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
775	R00Y_087_050d	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	62.1	31.6	21.2	38.1	33.8	0.875	0.375	0.375	55.1	51.4	21.6	55.7	22.8	20.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
776	R00Y_075_037d	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	58.1	23.7	15.9	28.6	33.8	0.75	0.375	0.375	54.0	34.9	12.8	37.2	20.1	12.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
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	15.8	10.6	19.0	33.8	0.625	0.375	0.375	48.3	21.6	5.4	22.3	14.0	9.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
778	R00Y_050_012d	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	50.0	7.9	5.3	9.5	33.8	0.5	0.375	0.375	43.5	10.8	0.7	10.9	4.0	8.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
779	NW_037d	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.375	0.375	0.375	37.2	0.0	−1.4	1.4	271.2	8.8	360	1.0	1.0	1.0	96.3	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	41.1	−5.0	−2.7	5.7	208.3	0.25	0.375	0.375	39.0	−14.7	−6.4	16.0	203.5	10.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
781	G50B_037_025d	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	36.1	−10.1	−5.4	11.5	208.3	0.125	0.375	0.375	40.1	−35.8	−8.9	36.9	193.9	26.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
782	G50B_037_037d	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	31.2	−15.2	−8.2	17.2	208.3	0.0	0.375	0.375	40.1	−48.1	−7.1	48.6	188.4	34.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
783	R00Y_100_075d	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	60.1	47.5	31.8	57.2	33.8	1.0	0.25	0.25	49.4	62.4	31.2	69.8	26.5	18.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
784	R00Y_087_062d	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	56.1	39.5	26.5	47.6	33.8	0.875	0.25	0.25	46.9	60.1	29.9	67.1	26.4	22.8	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
785	R00Y_075_050d	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	52.1	31.6	21.2	38.1	33.8	0.75	0.25	0.25	41.0	53.6	24.1	58.8	24.2	24.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
786	R00Y_062_037d	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	48.0	23.7	15.9	28.6	33.8	0.625	0.25	0.25	38.0	39.2	16.4	42.5	22.7	18.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
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	15.8	10.6	19.0	33.8	0.5	0.25	0.25	34.8	23.5	7.3	24.6	17.2	12.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
788	R00Y_037_012d	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	39.9	7.9	5.3	9.5	33.8	0.375	0.25	0.25	31.2	11.6	0.9	11.7	4.5	10.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
789	NW_025d	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.25	0.25	0.25	26.9	0.0	−0.9	0.9	268.1	9.0	360	1.0	1.0	1.0	96.3	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	31.0	−5.0	−2.7	5.7	208.3	0.125	0.25	0.25	31.0	−20.4	−6.8	21.5	198.6	15.9	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
791	G50B_025_025d	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	26.1	−10.1	−5.4	11.5	208.3	0.0	0.25	0.25	28.2	−32.8	−6.9	33.5	191.9	22.8	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
792	R00Y_100_087d	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	54.1	55.4	37.2	66.7	33.8	1.0	0.125	0.125	48.3	63.1	39.6	74.6	32.1	9.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
793	R00Y_087_075d	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	50.1	47.5	31.8	57.2	33.8	0.875	0.125	0.125	42.6	55.7	32.5	64.5	30.2	11.1	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
794	R00Y_075_062d	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	46.0	39.5	26.5	47.6	33.8	0.75	0.125	0.125	37.6	49.0	28.0	56.4	29.7	12.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
795	R00Y_062_050d	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	42.0	31.6	21.2	38.1	33.8	0.625	0.125	0.125	33.1	43.3	24.2	49.7	29.2	15.0	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
796	R00Y_050_037d	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	37.9	23.7	15.9	28.6	33.8	0.5	0.125	0.125	28.8	37.5	17.2	41.3	24.6	16.5	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
797	R00Y_037_025d	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	33.9	15.8	10.6	19.0	33.8	0.375	0.125	0.125	24.9	26.1	8.6	27.5	18.2	13.8	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
798	R00Y_025_012d	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	29.9	7.9	5.3	9.5	33.8	0.25	0.125	0.125	21.6	11.8	1.9	11.9	9.1	9.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
799	NW_012d	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	18.2	0.0	−0.2	0.2	267.5	7.6	360	1.0	1.0	1.0	96.3	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	−5.0	−2.7	5.7	208.3	0.0	0.125	0.125	19.0	−14.9	−4.3	15.5	196.1	10.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
801	R00Y_100_00d	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.2	62.9	43.6	76.6	34.7	1.2	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
802	R00Y_087_087d	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	44.0	55.4	37.2	66.7	33.8	0.875	0.0	0.0	42.4	55.8	39.4	68.4	35.2	2.8	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.

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**$_{Md}$				
810	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.5	0.5	276.3	0.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
811	B00R_100_012$_d$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	89.5	−0.6	−6.1	6.1	264.0	0.875	0.875	1.0	89.3	−1.8	−8.7	8.9	257.9	2.9	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
812	B00R_100_025$_d$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	82.6	−1.2	−12.2	12.3	264.0	0.75	0.75	1.0	77.7	−6.0	−21.0	21.8	254.0	11.1	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
813	B00R_100_037$_d$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	75.8	−1.9	−18.3	18.4	264.0	0.625	0.625	1.0	66.9	−7.6	−30.9	31.8	256.0	16.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
814	B00R_100_050$_d$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	68.9	−2.5	−24.5	24.6	264.0	0.5	0.5	1.0	54.8	−8.6	−40.9	41.8	258.0	22.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
815	B00R_100_062$_d$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	62.1	−3.1	−30.6	30.8	264.0	0.375	0.375	1.0	45.9	−9.2	−48.1	49.0	259.1	24.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
816	B00R_100_075$_d$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	55.2	−3.8	−36.7	36.9	264.0	0.25	0.25	1.0	42.1	−7.5	−50.2	50.7	261.4	19.1	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
817	B00R_100_087$_d$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	48.4	−4.4	−42.9	43.1	264.0	0.125	0.125	1.0	40.8	−5.6	−50.4	50.7	263.5	10.7	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
818	B00R_100_100$_d$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.0	1.0	39.4	−5.6	−48.5	48.8	263.3	2.2	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
819	Y00G_100_012$_d$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	95.9	−2.1	11.9	12.1	100.4	1.0	1.0	0.875	95.7	−6.9	18.8	20.1	110.1	8.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
820	NW_087$_d$	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	88.1	0.1	0.0	0.1	324.7	1.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
821	B00R_087_012$_d$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	79.4	−0.6	−6.1	6.1	264.0	0.75	0.75	0.875	82.2	−1.5	−15.5	15.6	264.2	9.8	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
822	B00R_087_025$_d$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	72.6	−1.2	−12.2	12.3	264.0	0.625	0.625	0.875	68.5	−4.3	−28.0	28.4	261.1	16.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
823	B00R_087_037$_d$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	65.7	−1.9	−18.3	18.4	264.0	0.5	0.5	0.875	55.7	−4.4	−38.6	38.8	263.4	22.7	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
824	B00R_087_050$_d$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	58.9	−2.5	−24.5	24.6	264.0	0.375	0.375	0.875	45.4	−6.0	−46.9	47.2	262.6	26.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
825	B00R_087_062$_d$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	52.0	−3.1	−30.6	30.8	264.0	0.25	0.25	0.875	41.4	−6.0	−50.1	50.4	263.1	22.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
826	B00R_087_075$_d$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	45.1	−3.8	−36.7	36.9	264.0	0.125	0.125	0.875	39.8	−5.4	−49.1	49.4	263.6	13.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
827	B00R_087_087$_d$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	38.3	−4.4	−42.9	43.1	264.0	0.0	0.0	0.875	36.7	−4.7	−46.1	46.3	264.1	3.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
828	Y00G_100_025$_d$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	95.5	−4.3	23.8	24.2	100.4	1.0	1.0	0.75	95.1	−10.9	33.8	35.5	107.9	11.9	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
829	Y00G_087_012$_d$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	85.8	−2.1	11.9	12.1	100.4	0.875	0.875	0.75	89.0	−6.5	17.5	18.7	110.5	7.8	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
830	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.75	0.75	0.75	76.0	0.1	−0.5	0.6	286.7	0.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
831	B00R_075_012$_d$	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	69.3	−0.6	−6.1	6.1	264.0	0.625	0.625	0.75	69.8	0.3	−17.2	17.2	271.2	11.1	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
832	B00R_075_025$_d$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	62.5	−1.2	−12.2	12.3	264.0	0.5	0.5	0.75	57.8	−1.1	−34.1	34.1	268.1	22.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
833	B00R_075_037$_d$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	55.6	−1.9	−18.3	18.4	264.0	0.375	0.375	0.75	46.2	−3.9	−45.5	45.7	265.0	28.8	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
834	B00R_075_050$_d$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	48.8	−2.5	−24.5	24.6	264.0	0.25	0.25	0.75	40.7	−4.5	−49.7	49.9	264.7	26.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
835	B00R_075_062$_d$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	41.9	−3.1	−30.6	30.8	264.0	0.125	0.125	0.75	38.1	−4.3	−47.5	47.7	264.7	17.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
836	B00R_075_075$_d$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	35.1	−3.8	−36.7	36.9	264.0	0.0	0.0	0.75	33.9	−4.5	−42.7	42.9	263.8	6.0	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
837	Y00G_100_037$_d$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	95.0	−6.5	35.7	36.3	100.4	1.0	1.0	0.625	94.6	−13.5	46.1	48.0	106.3	12.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
838	Y00G_087_025$_d$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	85.4	−4.3	23.8	24.2	100.4	0.875	0.875	0.625	89.4	−11.5	35.8	37.6	107.9	14.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
839	Y00G_075_012$_d$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	75.7	−2.1	11.9	12.1	100.4	0.75	0.75	0.625	78.2	−6.9	17.1	18.4	111.9	7.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
840	NW_062$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.625	0.625	0.625	64.0	0.1	−1.2	1.2	276.5	2.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
841	B00R_062_012$_d$	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	59.3	−0.6	−6.1	6.1	264.0	0.5	0.5	0.625	56.4	−0.6	−20.4	20.4	268.2	14.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
842	B00R_062_025$_d$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	52.4	−1.2	−12.2	12.3	264.0	0.375	0.375	0.625	47.4	−0.3	−37.0	37.0	269.4	25.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
843	B00R_062_037$_d$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	45.6	−1.9	−18.3	18.4	264.0	0.25	0.25	0.625	39.8	−2.6	−49.2	49.3	266.8	31.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
844	B00R_062_050$_d$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	38.7	−2.5	−24.5	24.6	264.0	0.125	0.125	0.625	35.9	−3.3	−46.3	46.5	265.8	22.0	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
845	B00R_062_062$_d$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	31.8	−3.1	−30.6	30.8	264.0	0.0	0.0	0.625	30.2	−3.1	−39.2	39.3	265.3	8.7	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
846	Y00G_100_050$_d$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	94.6	−8.7	47.6	48.4	100.4	1.0	1.0	0.5	94.1	−15.3	58.1	60.1	104.7	12.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
847	Y00G_087_037$_d$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	84.9	−6.5	35.7	36.3	100.4	0.875	0.875	0.5	89.5	−14.6	53.2	55.2	105.3	19.8	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
848	Y00G_075_025$_d$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	75.3	−4.3	23.8	24.2	100.4	0.75	0.75	0.5	80.4	−12.2	36.2	38.2	108.6	15.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
849	Y00G_062_012$_d$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	65.7	−2.1	11.9	12.1	100.4	0.625	0.625	0.5	67.5	−6.9	16.8	18.2	112.2	7.1	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
850	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	50.6	0.1	−1.2	1.2	274.4	5.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
851	B00R_050_012$_d$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	49.2	−0.6	−6.1	6.1	264.0	0.375	0.375	0.5	46.0	−1.0	−20.7	20.8	267.0	15.0	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
852	B00R_050_025$_d$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	42.3	−1.2	−12.2	12.3	264.0	0.25	0.25	0.5	40.3	−1.6	−39.8	39.8	267.6	27.6	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
853	B00R_050_037$_d$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	35.5	−1.9	−18.3	18.4	264.0	0.125	0.125	0.5	33.9	−1.6	−45.1	45.1	267.9	26.7	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
854	B00R_050_050$_d$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	28.6	−2.5	−24.5	24.6	264.0	0.0	0.0	0.5	26.6	−1.5	−35.8	35.8	267.5	11.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
855	Y00G_100_062$_d$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	94.1	−10.9	59.5	60.5	100.4	1.0	1.0	0.375	93.2	−16.4	71.0	72.9	103.0	12.7	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
856	Y00G_087_050$_d$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	84.5	−8.7	47.6	48.4	100.4	0.875	0.875	0.375	89.3	−16.8	73.6	75.5	102.9	27.6	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
857	Y00G_075_037$_d$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	74.9	−6.5	35.7	36.3	100.4	0.75	0.75	0.375	80.8	−15.4	57.1	59.2	105.1	23.9	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
858	Y00G_062_025$_d$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	65.2	−4.3	23.8	24.2	100.4	0.625	0.625	0.375	68.6	−12.0	36.1	38.0	108.3	14.8	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
859	Y00G_050_012$_d$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	55.6	−2.1	11.9	12.1	100.4	0.5	0.5	0.375	53.6	−7.0	15.9	17.4	113.9	6.6	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
860	NW_037$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.375	0.375	0.375	36.5	0.0	−1.1	1.1	270.5	9.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
861	B00R_037_012$_d$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	39.1	−0.6	−6.1	6.1	264.0	0.25	0.25	0.375	35.3	−1.7	−23.0	23.1	265.6	17.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
862	B00R_037_025$_d$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	32.3	−1.2	−12.2	12.3	264.0	0.125	0.125	0.375	30.9	−2.3	−39.6	39.7	266.6	27.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
863	B00R_037_037$_d$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	25.4	−1.9	−18.3	18.4	264.0	0.0	0.0	0.375	21.7	−0.9	−26.7	26.8	267.9	9.2	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
864	Y00G_100_075$_d$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	93.7	−13.1	71.4	72.6	100.4	1.0	1.0	0.25	93.3	−17.4	82.2	84.0	101.9	11.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
865	Y00G_087_062$_d$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	84.1	−10.9	59.5	60.5	100.4	0.875	0.875	0.25	88.9	−17.5	90.0	91.7	101.0	31.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
866	Y00G_075_050$_d$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	74.4	−8.7	47.6	48.4	100.4	0.75	0.75	0.25	80.3	−16.5	78.4	80.1	101.8	32.3	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
867	Y00G_062_037$_d$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	64.8	−6.5	35.7	36.3	100.4	0.625	0.625	0.25	68.0	−14.7	58.9	60.7	104.0	24.8	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
868	Y00G_050_025$_d$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	55.2	−4.3	23.8	24.2	100.4	0.5	0.5	0.25	54.0	−11.8	38.6	40.4	107.0	16.6	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
869	Y00G_037_012$_d$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	45.5	−2.1	11.9	12.1	100.4	0.375	0.375	0.25	39.2	−6.0	15.5	16.6	111.4	8.2	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
870	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.25	0.25	0.25	25.7	0.0	−0.8	0.8	273.4	10.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
871	B00R_025_012$_d$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	29.0	−0.6	−6.1	6.1	264.0	0.125	0.125	0.25	25.6	−2.2	−25.7	25.8	264.9	19.9	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
872	B00R_025_025$_d$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	22.2	−1.2	−12.2	12.3	264.0	0.0	0.0	0.25	21.1	−3.1	−9.5	10.0	252.0	3.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
873	Y00G_100_087$_d$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	93.2	−15.3	83.3	84.7	100.4	1.0	1.0	0.125	92.9	−17.7	92.5	94.2	100.8	9.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
874	Y00G_087_075$_d$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	83.6	−13.1	71.4	72.6	100.4	0.875	0.875	0.125	88.9	−17.3	90.6	92.2	100.8	20.3	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
875	Y00G_075_062$_d$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	74.0	−10.9	59.5	60.5	100.4	0.75	0.75	0.125	80.1	−16.6	81.0	82.7	101.6	23.0	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
876	Y00G_062_050$_d$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	64.3	−8.7	47.6	48.4	100.4	0.625	0.625	0.125	68.3	−15.2	67.1	68.8	102.7	20.9	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
877	Y00G_050_037$_d$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	54.7	−6.5	35.7	36.3	100.4	0.5	0.5	0.125	54.7	−12.8	53.3	54.8	103.5	18.7	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
878	Y00G_037_025$_d$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	45.1	−4.3	23.8	24.2	100.4	0.375	0.375	0.125	40.4	−9.8	35.7	37.0	105.3	13.9	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
879	Y00G_025_012$_d$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	35.4	−2.1	11.9	12.1	100.4	0.25	0.25	0.125	29.2	−6.2	19.2	20.2	108.1	10.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
880	NW_012$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	16.7	0.0	0.0	0.0	12.3	9.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
881	B00R_012_012$_d$	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	19.0	−0.6	−6.1	6.1	264.0	0.0	0.0	0.125	15.5	−0.9	−0.3	0.9	202.7	6.7	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
882	Y00G_100_100$_d$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	1.0	1.0	0.0	92.8	−17.6	95.6	97.2	100.4	0.3	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
883	Y00G_087_087$_d$	0.875	0.875	0.0	0.875	0.875	0.437

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**$_{Md}$				
891	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.3	0.3	272.1	0.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
892	B50R_100_012$_d$	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	90.6	8.8	−1.3	8.9	351.5	1.0	0.875	1.0	86.3	15.4	−6.2	16.6	337.8	9.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
893	B50R_100_025$_d$	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	84.8	17.7	−2.6	17.9	351.5	1.0	0.75	1.0	77.0	27.3	−9.7	29.0	340.4	14.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
894	B50R_100_037$_d$	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	79.0	26.6	−3.9	26.9	351.5	1.0	0.625	1.0	67.7	40.4	−12.6	42.3	342.6	19.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
895	B50R_100_050$_d$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	73.2	35.5	−5.2	35.9	351.5	1.0	0.5	1.0	62.2	49.4	−12.5	51.0	345.7	19.1	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
896	B50R_100_062$_d$	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	67.5	44.4	−6.5	44.9	351.5	1.0	0.375	1.0	55.9	60.4	−12.5	61.7	348.2	20.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
897	B50R_100_075$_d$	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	61.7	53.3	−7.8	53.9	351.5	1.0	0.25	1.0	52.1	68.2	−10.9	69.1	350.9	18.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
898	B50R_100_087$_d$	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	55.9	62.2	−9.2	62.9	351.5	1.0	0.125	1.0	50.0	71.8	−9.8	72.4	352.2	11.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
899	B50R_100_100$_d$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	1.0	0.0	1.0	49.8	71.1	−9.5	71.7	352.3	1.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
900	G00B_100_012$_d$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	91.6	−7.4	5.1	9.0	145.5	0.875	1.0	0.875	91.8	−10.8	12.2	16.3	131.4	7.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
901	NW_087$_d$	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	87.4	0.2	−0.2	0.3	308.6	1.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
902	B50R_087_012$_d$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	80.5	8.8	−1.3	8.9	351.5	0.875	0.75	0.875	81.2	13.9	−10.9	17.7	322.0	10.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
903	B50R_087_025$_d$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	74.7	17.7	−2.6	17.9	351.5	0.875	0.625	0.875	68.2	25.9	−17.3	31.2	326.2	18.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
904	B50R_087_037$_d$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	68.9	26.6	−3.9	26.9	351.5	0.875	0.5	0.875	57.2	37.3	−21.5	43.1	330.0	23.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
905	B50R_087_050$_d$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	63.2	35.5	−5.2	35.9	351.5	0.875	0.375	0.875	50.7	45.2	−23.2	50.8	332.8	23.9	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
906	B50R_087_062$_d$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	57.4	44.4	−6.5	44.9	351.5	0.875	0.25	0.875	45.6	53.3	−22.6	57.9	337.0	21.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
907	B50R_087_075$_d$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	51.6	53.3	−7.8	53.9	351.5	0.875	0.125	0.875	44.2	56.8	−21.0	60.5	339.6	15.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
908	B50R_087_087$_d$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	45.8	62.2	−9.2	62.9	351.5	0.875	0.0	0.875	43.4	60.7	−18.6	63.5	342.9	9.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
909	G00B_100_025$_d$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	86.9	−14.8	10.2	18.0	145.5	0.75	1.0	0.75	84.7	−20.0	17.1	26.3	139.4	8.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
910	G00B_087_012$_d$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	81.5	−7.4	5.1	9.0	145.5	0.75	0.875	0.75	86.7	−17.8	16.1	24.0	137.9	16.0	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
911	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.75	0.75	0.75	75.1	0.1	−0.6	0.6	287.9	1.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
912	B50R_075_012$_d$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	70.4	8.8	−1.3	8.9	351.5	0.75	0.625	0.75	70.7	14.0	−14.7	20.4	313.5	14.4	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
913	B50R_075_025$_d$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	64.6	17.7	−2.6	17.9	351.5	0.75	0.5	0.75	58.6	29.3	−23.4	37.5	321.3	24.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
914	B50R_075_037$_d$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	58.9	26.6	−3.9	26.9	351.5	0.75	0.375	0.75	48.1	37.4	−28.0	46.7	323.1	28.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
915	B50R_075_050$_d$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	53.1	35.5	−5.2	35.9	351.5	0.75	0.25	0.75	41.8	45.6	−28.7	54.0	327.7	28.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
916	B50R_075_062$_d$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	47.3	44.4	−6.5	44.9	351.5	0.75	0.125	0.75	39.0	49.3	−27.3	56.4	331.0	22.9	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
917	B50R_075_075$_d$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	41.5	53.3	−7.8	53.9	351.5	0.75	0.0	0.75	37.9	52.4	−24.9	58.0	334.5	17.4	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
918	G00B_100_037$_d$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	82.1	−22.3	15.3	27.0	145.5	0.625	1.0	0.625	77.9	−28.3	19.7	34.5	145.1	8.5	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
919	G00B_087_025$_d$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	76.8	−14.8	10.2	18.0	145.5	0.625	0.875	0.625	78.1	−28.4	21.2	35.4	143.2	17.4	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
920	G00B_075_012$_d$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	71.5	−7.4	5.1	9.0	145.5	0.625	0.75	0.625	76.9	−19.1	14.8	24.2	142.2	16.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
921	NW_062$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.625	0.625	0.625	61.9	0.1	−1.0	1.0	280.0	4.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
922	B50R_062_012$_d$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	60.3	8.8	−1.3	8.9	351.5	0.625	0.5	0.625	57.7	15.7	−17.1	23.2	312.6	17.4	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
923	B50R_062_025$_d$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	54.6	17.7	−2.6	17.9	351.5	0.625	0.375	0.625	47.9	32.2	−30.2	44.2	316.8	31.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
924	B50R_062_037$_d$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	48.8	26.6	−3.9	26.9	351.5	0.625	0.25	0.625	38.6	42.9	−32.2	53.6	323.1	34.1	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
925	B50R_062_050$_d$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	43.0	35.5	−5.2	35.9	351.5	0.625	0.125	0.625	35.6	45.6	−31.0	55.2	325.7	28.7	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
926	B50R_062_062$_d$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	37.2	44.4	−6.5	44.9	351.5	0.625	0.0	0.625	33.9	46.5	−29.1	54.9	327.9	22.9	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
927	G00B_100_050$_d$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	77.4	−29.7	20.4	36.1	145.5	0.5	1.0	0.5	71.5	−37.1	26.7	45.7	144.2	11.3	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
928	G00B_087_037$_d$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	72.1	−22.3	15.3	27.0	145.5	0.5	0.875	0.5	70.4	−39.0	27.8	47.9	144.5	20.9	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
929	G00B_075_025$_d$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	66.7	−14.8	10.2	18.0	145.5	0.5	0.75	0.5	72.2	−36.2	25.1	44.0	145.2	26.5	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
930	G00B_062_012$_d$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	61.4	−7.4	5.1	9.0	145.5	0.5	0.625	0.5	65.9	−20.7	15.4	25.8	143.3	17.4	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
931	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	49.3	0.0	−1.3	1.3	273.8	6.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
932	B50R_050_012$_d$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	50.3	8.8	−1.3	8.9	351.5	0.5	0.375	0.5	45.3	15.5	−17.6	23.4	311.3	18.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
933	B50R_050_025$_d$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	44.5	17.7	−2.6	17.9	351.5	0.5	0.25	0.5	36.8	37.1	−32.4	49.3	318.8	36.3	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
934	B50R_050_037$_d$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	38.7	26.6	−3.9	26.9	351.5	0.5	0.125	0.5	31.8	42.6	−31.8	53.2	323.2	32.9	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
935	B50R_050_050$_d$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.9	35.5	−5.2	35.9	351.5	0.5	0.0	0.5	30.8	39.6	−30.6	50.0	322.2	25.7	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
936	G00B_100_062$_d$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	72.7	−37.2	25.5	45.1	145.5	0.375	1.0	0.375	65.4	−47.0	34.9	58.5	143.4	15.3	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
937	G00B_087_050$_d$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	67.3	−29.7	20.4	36.1	145.5	0.375	0.875	0.375	64.5	−48.8	35.0	60.1	144.3	24.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
938	G00B_075_037$_d$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	62.0	−22.3	15.3	27.0	145.5	0.375	0.75	0.375	64.9	−47.9	33.9	58.7	144.6	31.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
939	G00B_062_025$_d$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	56.6	−14.8	10.2	18.0	145.5	0.375	0.625	0.375	62.1	−42.2	29.1	51.3	145.3	33.7	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
940	G00B_050_012$_d$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	51.3	−7.4	5.1	9.0	145.5	0.375	0.5	0.375	51.6	−22.0	14.0	26.1	147.4	17.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
941	NW_037$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.375	0.375	0.375	35.2	0.0	−1.0	1.0	273.5	10.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
942	B50R_037_012$_d$	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	351.5	0.375	0.25	0.375	33.5	14.6	−17.9	23.1	309.2	18.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
943	B50R_037_025$_d$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	34.4	17.7	−2.6	17.9	351.5	0.375	0.125	0.375	28.7	31.9	−29.6	43.6	317.1	31.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
944	B50R_037_037$_d$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	28.6	26.6	−3.9	26.9	351.5	0.375	0.0	0.375	26.8	30.0	−27.3	40.6	317.6	23.7	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
945	G00B_100_075$_d$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	67.9	−44.6	30.6	54.1	145.5	0.25	1.0	0.25	61.8	−54.5	40.3	67.8	143.4	15.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
946	G00B_087_062$_d$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	62.6	−37.2	25.5	45.1	145.5	0.25	0.875	0.25	60.0	−57.9	40.6	70.8	144.9	25.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
947	G00B_075_050$_d$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	57.2	−29.7	20.4	36.1	145.5	0.25	0.75	0.25	59.1	−59.2	39.9	71.4	146.0	35.3	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
948	G00B_062_037$_d$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	51.9	−22.3	15.3	27.0	145.5	0.25	0.625	0.25	56.8	−62.7	39.8	74.3	147.5	47.5	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
949	G00B_050_025$_d$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	46.6	−14.8	10.2	18.0	145.5	0.25	0.5	0.25	49.8	−47.9	29.4	56.2	148.3	38.3	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
950	G00B_037_012$_d$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	41.2	−7.4	5.1	9.0	145.5	0.25	0.375	0.25	39.8	−23.3	13.0	26.7	150.8	17.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
951	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.25	0.25	0.25	24.6	0.0	−0.6	0.6	274.2	11.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
952	B50R_025_012$_d$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	30.1	8.8	−1.3	8.9	351.5	0.25	0.125	0.25	23.5	15.2	−19.2	24.5	308.3	20.1	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
953	B50R_025_025$_d$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	24.3	17.7	−2.6	17.9	351.5	0.25	0.0	0.25	20.2	20.1	−22.9	30.5	311.2	20.9	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
954	G00B_100_087$_d$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	63.2	−52.1	35.7	63.1	145.5	0.125	1.0	0.125	59.9	−57.9	42.0	71.5	144.0	9.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
955	G00B_087_075$_d$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	57.8	−44.6	30.6	54.1	145.5	0.125	0.875	0.125	58.2	−61.1	41.8	74.1	145.6	19.9	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
956	G00B_075_062$_d$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	52.5	−37.2	25.5	45.1	145.5	0.125	0.75	0.125	56.9	−62.2	40.4	74.2	146.9	29.4	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
957	G00B_062_050$_d$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	47.2	−29.7	20.4	36.1	145.5	0.125	0.625	0.125	51.8	−60.6	36.0	70.5	149.2	34.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
958	G00B_050_037$_d$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	41.8	−22.3	15.3	27.0	145.5	0.125	0.5	0.125	46.9	−56.7	32.0	65.1	150.5	38.6	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
959	G00B_037_025$_d$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	36.5	−14.8	10.2	18.0	145.5	0.125	0.375	0.125	39.6	−50.9	26.1	57.2	152.8	39.5	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
960	G00B_025_012$_d$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	31.2	−7.4	5.1	9.0	145.5	0.125	0.25	0.125	30.8	−28.4	14.3	31.8	153.2	22.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
961	NW_012$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	17.1	0.1	0.0	0.1	37.6	8.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
962	B50R_012_012$_d$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	20.0	8.8	−1.3	8.9	351.5	0.125	0.0	0.125	17.3	6.2	−9.2	11.1	303.8	8.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
963	G00B_100_100$_d$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.0	1.0	0.0	59.8	−58.3	43.7	72.8	143.1	3.3	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
964	G00B_087_087$_d$	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	53.1	−52.1

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**$_{Md}$			
972	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.0	0.0	199.1	3.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
973	NW_012$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.125	0.125	0.125	15.0	−0.1	−0.1	0.1	224.5	10.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
974	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.25	0.25	0.25	22.6	0.0	−0.7	0.7	264.3	13.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
975	NW_037$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.375	0.375	0.375	34.1	0.0	−0.9	0.9	269.2	11.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
976	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.5	0.5	0.5	48.6	0.1	−1.0	1.0	275.7	7.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
977	NW_062$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.625	0.625	0.625	62.1	0.1	−0.9	0.9	277.4	4.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
978	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.75	0.75	0.75	75.3	0.1	−0.6	0.6	283.0	1.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
979	NW_087$_d$	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	0.875	0.875	0.875	87.9	0.0	−0.2	0.2	285.7	1.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
980	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.2	−0.1	−0.5	0.5	256.3	0.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
981	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.0	0.0	271.3	3.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
982	NW_012$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.125	0.125	0.125	15.1	0.0	−0.1	0.1	257.9	10.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
983	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.25	0.25	0.25	22.5	0.0	−0.8	0.8	265.4	13.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
984	NW_037$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.375	0.375	0.375	33.9	0.0	−1.1	1.1	270.8	12.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
985	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.5	0.5	0.5	47.7	0.1	−1.0	1.0	278.0	8.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
986	NW_062$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.625	0.625	0.625	62.6	0.1	−1.1	1.1	278.7	3.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
987	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.75	0.75	0.75	75.7	0.2	−0.7	0.7	286.3	0.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
988	NW_087$_d$	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	0.875	0.875	0.875	88.0	0.1	−0.3	0.3	294.5	1.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
989	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.5	0.6	262.1	0.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
990	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.1	131.7	4.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
991	NW_012$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.125	0.125	0.125	14.6	0.0	−0.2	0.3	252.4	11.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
992	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.25	0.25	0.25	21.9	0.0	−0.8	0.8	265.5	14.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
993	NW_037$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.375	0.375	0.375	32.9	0.0	−0.9	0.9	273.5	13.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
994	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.5	0.5	0.5	47.3	0.0	−0.9	0.9	275.5	8.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
995	NW_062$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.625	0.625	0.625	61.6	0.2	−1.0	1.1	280.9	4.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
996	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.75	0.75	0.75	74.6	0.2	−0.5	0.5	292.4	1.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
997	NW_087$_d$	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	0.875	0.875	0.875	87.4	0.2	−0.3	0.4	303.5	1.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
998	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−0.4	0.4	262.1	0.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
999	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.1	0.2	110.1	4.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1000	NW_012$_d$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.125	0.125	0.125	15.1	−0.1	−0.2	0.2	238.0	10.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1001	NW_025$_d$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.25	0.25	0.25	21.8	−0.1	−0.5	0.6	253.4	14.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1002	NW_037$_d$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.375	0.375	0.375	32.8	0.0	−0.9	0.9	266.5	13.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1003	NW_050$_d$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.5	0.5	0.5	47.2	0.0	−0.8	0.8	273.9	8.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1004	NW_062$_d$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.625	0.625	0.625	61.8	0.1	−0.9	0.9	277.5	4.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1005	NW_075$_d$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.75	0.75	0.75	74.7	0.1	−0.4	0.4	290.6	1.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1006	NW_087$_d$	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	0.875	0.875	0.875	87.4	0.1	0.0	0.2	338.8	1.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1007	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−0.1	0.1	243.2	0.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1008	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	62.0	3.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1009	NW_006$_d$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.1	0.0	0.0	0.0	0.066	0.066	0.066	12.3	0.0	0.0	0.0	54.7	8.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1010	NW_013$_d$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	26.5	0.0	0.0	0.0	0.133	0.133	0.133	17.9	0.0	−0.3	0.3	273.0	8.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1011	NW_020$_d$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	31.9	0.0	0.0	0.0	0.2	0.2	0.2	22.0	0.0	−0.7	0.7	265.7	9.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1012	NW_026$_d$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.2	0.0	0.0	0.0	0.266	0.266	0.266	26.4	0.0	−0.8	0.8	269.1	10.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1013	NW_033$_d$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.6	0.0	0.0	0.0	0.333	0.333	0.333	31.1	0.0	−0.8	0.8	270.4	11.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1014	NW_040$_d$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.0	0.0	0.0	0.0	0.4	0.4	0.4	37.8	0.0	−0.7	0.7	275.8	10.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1015	NW_046$_d$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.3	0.0	0.0	0.0	0.466	0.466	0.466	43.8	0.0	−0.6	0.6	277.3	9.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1016	NW_053$_d$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.7	0.0	0.0	0.0	0.533	0.533	0.533	51.6	0.1	−0.7	0.7	282.4	7.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1017	NW_060$_d$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.1	0.0	0.0	0.0	0.6	0.6	0.6	59.8	0.1	−0.6	0.7	282.6	4.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1018	NW_066$_d$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.666	0.666	0.666	66.7	0.2	−0.7	0.7	286.3	2.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1019	NW_073$_d$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.9	0.0	0.0	0.0	0.734	0.734	0.734	72.9	0.1	−0.3	0.4	295.7	2.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1020	NW_080$_d$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.2	0.0	0.0	0.0	0.8	0.8	0.8	78.8	0.2	−0.1	0.2	334.2	1.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1021	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	85.2	0.1	0.0	0.1	1.0	0.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1022	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	90.9	0.1	−0.1	0.2	324.4	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1023	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.2	0.2	276.9	0.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1024	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.0	93.8	4.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1025	NW_006$_d$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.1	0.0	0.0	0.0	0.066	0.066	0.066	11.5	0.0	0.1	0.1	84.8	9.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1026	NW_013$_d$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	26.5	0.0	0.0	0.0	0.133	0.133	0.133	17.1	0.0	−0.2	0.2	276.9	9.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1027	NW_020$_d$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	31.9	0.0	0.0	0.0	0.2	0.2	0.2	21.4	0.0	−0.7	0.7	266.9	10.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1028	NW_026$_d$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.2	0.0	0.0	0.0	0.266	0.266	0.266	26.1	0.0	−0.7	0.7	271.6	11.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1029	NW_033$_d$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.6	0.0	0.0	0.0	0.333	0.333	0.333	31.2	0.0	−0.9	0.9	271.8	11.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1030	NW_040$_d$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.0	0.0	0.0	0.0	0.4	0.4	0.4	37.9	0.0	−0.8	0.8	276.1	10.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1031	NW_046$_d$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.3	0.0	0.0	0.0	0.466	0.466	0.466	44.2	0.1	−0.7	0.7	282.0	9.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1032	NW_053$_d$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.7	0.0	0.0	0.0	0.533	0.533	0.533	51.7	0.1	−0.9	0.9	280.6	7.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1033	NW_060$_d$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.1	0.0	0.0	0.0	0.6	0.6	0.6	59.8	0.2	−1.0	1.0	281.3	4.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1034	NW_066$_d$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.666	0.666	0.666	66.8	0.1	−0.7	0.8	283.8	2.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1035	NW_073$_d$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.9	0.0	0.0	0.0	0.734	0.734	0.734	73.1	0.2	−0.5	0.6	293.0	1.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1036	NW_080$_d$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.2	0.0	0.0	0.0	0.8	0.8	0.8	78.9	0.2	−0.1	0.2	324.0	1.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1037	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	85.2	0.2	0.0	0.2	342.0	0.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1038	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	91.0	0.2	−0.1	0.2	322.2	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1039	NW_100$_d$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.4	0.4	279.1	0.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1040	NW_000$_d$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.0	70.8	4.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1041	NW_006$_d$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.1	0.0	0.0	0.0	0.066	0.066	0.066	11.0	0.0	0.1	0.1	73.5	10.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1042	NW_013$_d$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	26.5	0.0	0.0	0.0	0.133	0.133	0.133	16.3	0.0	−0.2	0.2	276.7	10.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1043	NW_020$_d$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	31.9	0.0	0.0	0.0	0.2	0.2	0.2	21.3	0.0	−0.6	0.6	268.8	10.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1044	NW_026$_d$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.2	0.0	0.0	0.0	0.266	0.266	0.266	25.7	0.0	−0.8	0.8	271.4	11.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1045	NW_033$_d$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.6	0.0	0.0	0.0	0.333	0.333	0.333	30.8	0.0	−0.8	0.8	272.1	11.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1046	NW_040$_d$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.0	0.0	0.0	0.0	0.4	0.4	0.4	37.4	0.1	−0.9	0.9	277.4	10.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1047	NW_046$_d$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.3	0.0	0.0	0.0	0.466	0.466	0.466	44.1	0.1	−0.6	0.7	280.4	9.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1048	NW_053$_d$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.7	0.0	0.0	0.0	0.533	0.533	0.533	51.2	0.2	−0.9	0.9	281.6	7.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1049	NW_060$_d$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.1	0.0	0.0	0.0	0.6	0.6	0.6	59.5	0.1	−0.8	0.8	281.2	4.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1050	NW_066$_d$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.666	0.666	0.666	66.4

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	85.0	0.2	0.0	0.2	17.3	0.5	360	1.0	1.0	1.0	96.3	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	0.0	0.933	0.933	0.933	90.8	0.2	−0.3	0.4	310.7	0.4	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−0.3	0.3	273.6	0.3	360	1.0	1.0	1.0	96.3	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	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.2	0.2	86.1	5.2	360	1.0	1.0	1.0	96.3	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	21.1	0.0	0.0	0.0	0.0	0.066	0.066	0.066	10.7	0.0	0.3	0.3	87.3	10.4	360	1.0	1.0	1.0	96.3	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	26.5	0.0	0.0	0.0	0.0	0.133	0.133	0.133	16.0	0.0	−0.1	0.1	284.4	10.4	360	1.0	1.0	1.0	96.3	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	31.9	0.0	0.0	0.0	0.0	0.2	0.2	0.2	20.9	0.0	−0.6	0.6	266.8	11.0	360	1.0	1.0	1.0	96.3	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	37.2	0.0	0.0	0.0	0.0	0.266	0.266	0.266	25.3	0.0	−0.6	0.6	268.0	11.8	360	1.0	1.0	1.0	96.3	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	42.6	0.0	0.0	0.0	0.0	0.333	0.333	0.333	31.1	0.0	−0.8	0.8	272.0	11.4	360	1.0	1.0	1.0	96.3	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	48.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	37.3	0.0	−0.7	0.7	274.3	10.7	360	1.0	1.0	1.0	96.3	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	53.3	0.0	0.0	0.0	0.0	0.466	0.466	0.466	44.0	0.1	−0.6	0.6	283.5	9.3	360	1.0	1.0	1.0	96.3	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	58.7	0.0	0.0	0.0	0.0	0.533	0.533	0.533	51.4	0.1	−0.8	0.8	279.0	7.3	360	1.0	1.0	1.0	96.3	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	64.1	0.0	0.0	0.0	0.0	0.6	0.6	0.6	59.5	0.1	−0.7	0.7	280.4	4.6	360	1.0	1.0	1.0	96.3	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	69.4	0.0	0.0	0.0	0.0	0.666	0.666	0.666	66.7	0.1	−0.7	0.7	282.8	2.8	360	1.0	1.0	1.0	96.3	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	74.9	0.0	0.0	0.0	0.0	0.734	0.734	0.734	72.7	0.1	−0.4	0.4	294.4	2.2	360	1.0	1.0	1.0	96.3	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	80.2	0.0	0.0	0.0	0.0	0.8	0.8	0.8	78.6	0.2	−0.2	0.3	318.8	1.6	360	1.0	1.0	1.0	96.3	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	0.0	0.866	0.866	0.866	84.6	0.2	0.0	0.2	354.4	0.9	360	1.0	1.0	1.0	96.3	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	0.0	0.933	0.933	0.933	90.9	0.3	−0.1	0.3	332.3	0.3	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.0	0.2	−0.3	0.3	309.0	0.4	360	1.0	1.0	1.0	96.3	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	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.1	0.1	91.6	3.5	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.1	0.1	282.2	0.1	360	1.0	1.0	1.0	96.3	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	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	47.6	63.7	44.8	77.9	35.1	2.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
1075	G50B_100_100$_d$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3	0.0	1.0	1.0	56.6	−42.5	−20.2	47.1	205.4	2.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
1076	Y00G_100_100$_d$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	1.0	1.0	0.0	92.6	−17.4	97.1	98.6	100.1	1.8	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
1077	B00R_100_100$_d$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.0	1.0	38.5	−6.0	−48.2	48.6	262.8	3.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
1078	G00B_100_100$_d$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.0	1.0	0.0	58.2	−60.6	43.3	74.5	144.4	2.6	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
1079	B50R_100_100$_d$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	1.0	0.0	1.0	49.7	72.5	−10.9	73.3	351.3	1.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5

Mean color difference of this page: delta *E' = *4.4***

1−0033234−F0

RE710−7N, Page 33/33−F

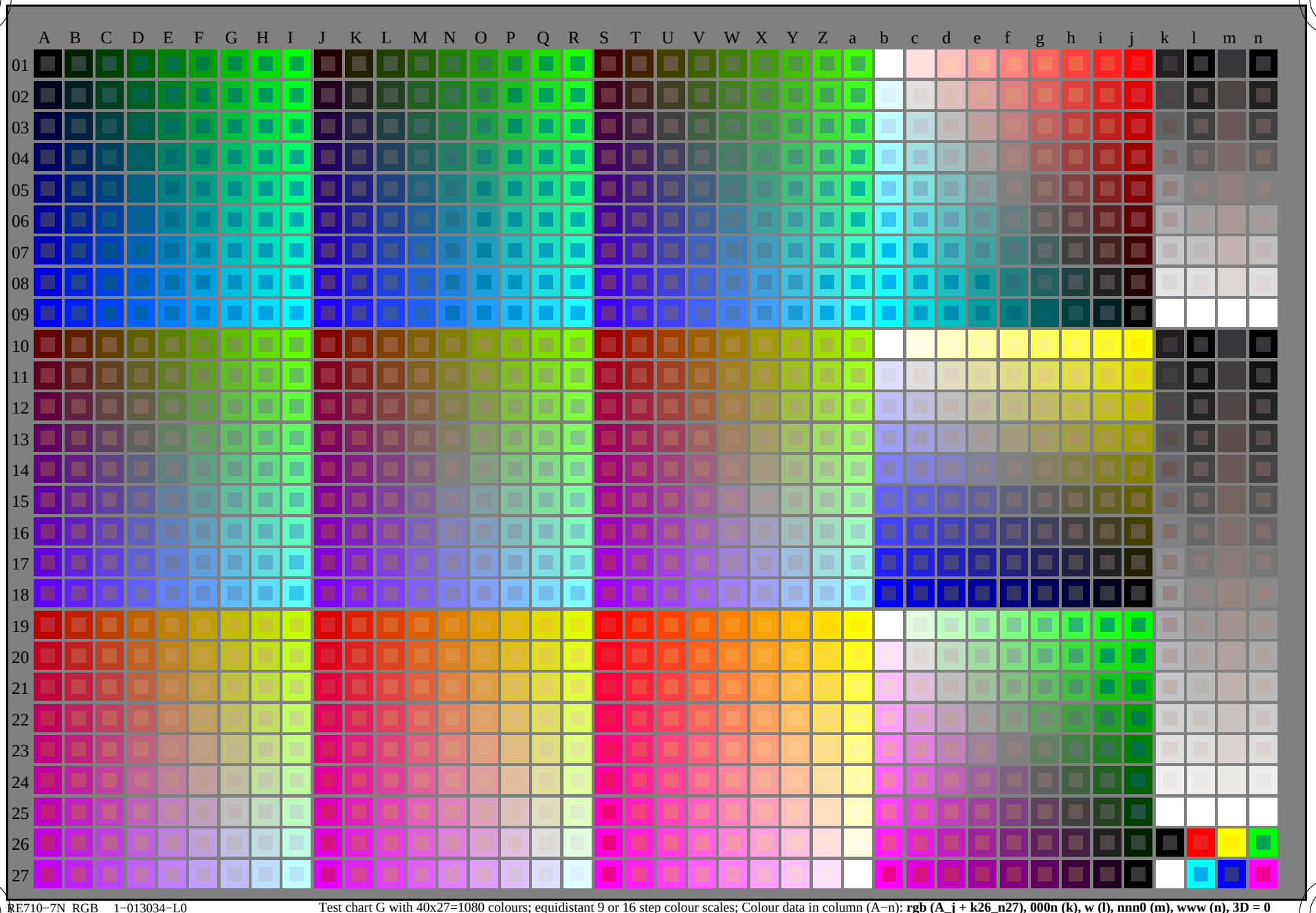
TUB-test chart RE71; 1080 standard colours, *cf*=0,9
colors and differences, $\Delta E^{*\prime}$

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

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb (RGB)

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−0033234−F0



RE710−7N_RGB 1−013034−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 RE71; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

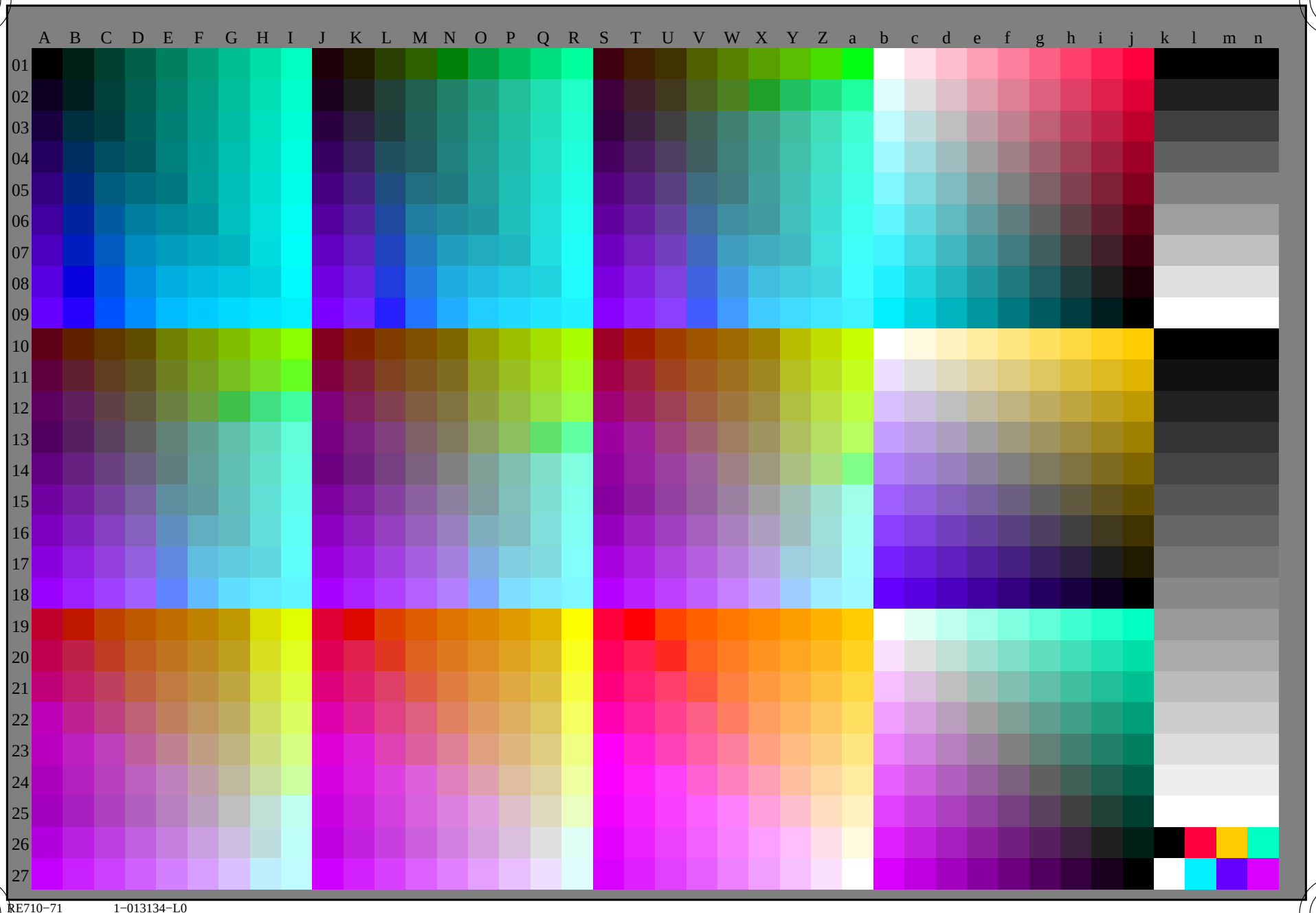
input: *rgb/cmyk −> rgb/cmyk*
output: no change

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output

TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/RE71/RE71L0NA.TXT /.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/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

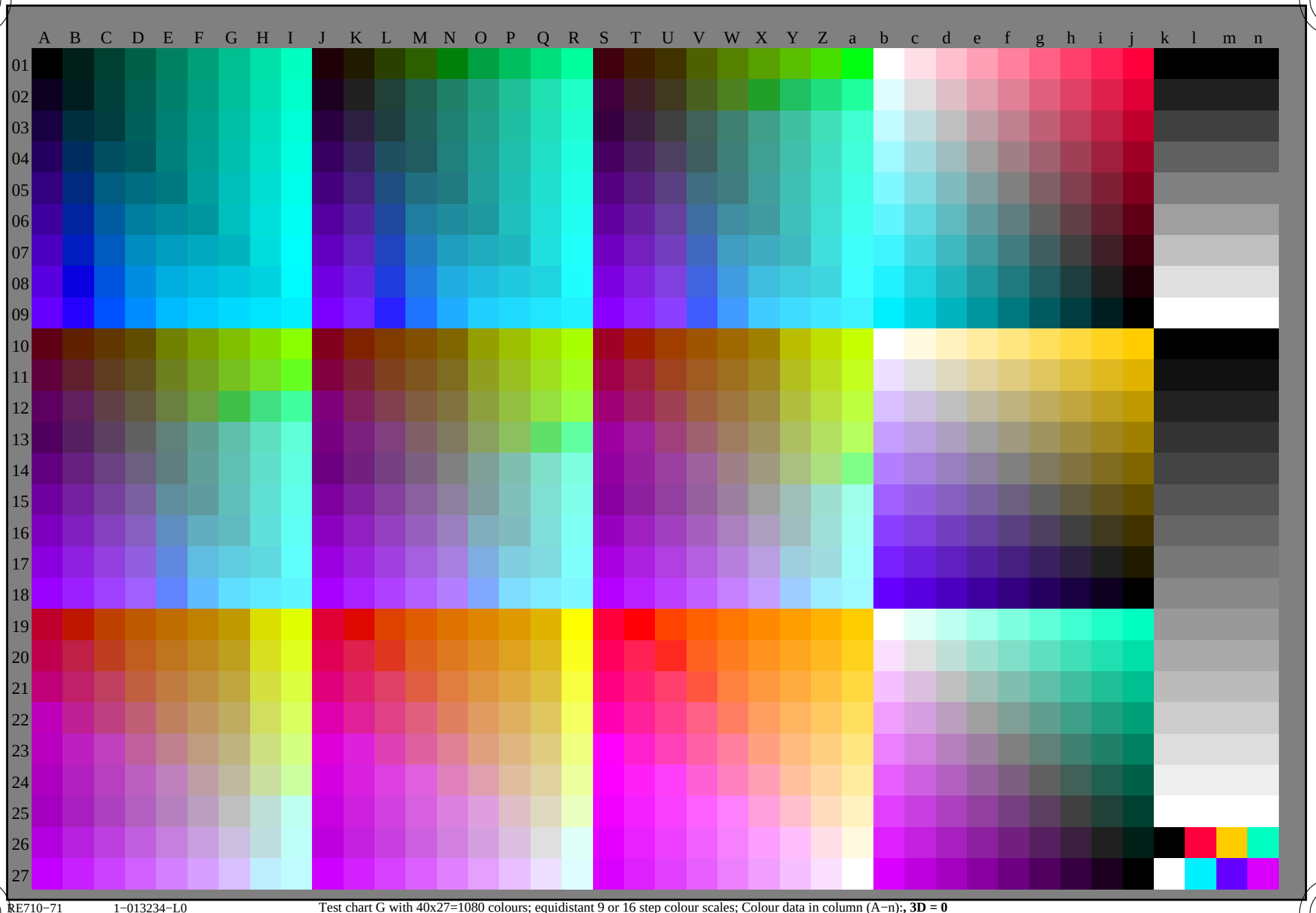
TUB material: code=rha4ta

RE710−71 1−013134−L0

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872, 3D=0, de=1, *rgb*

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

1−013134−F0



see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

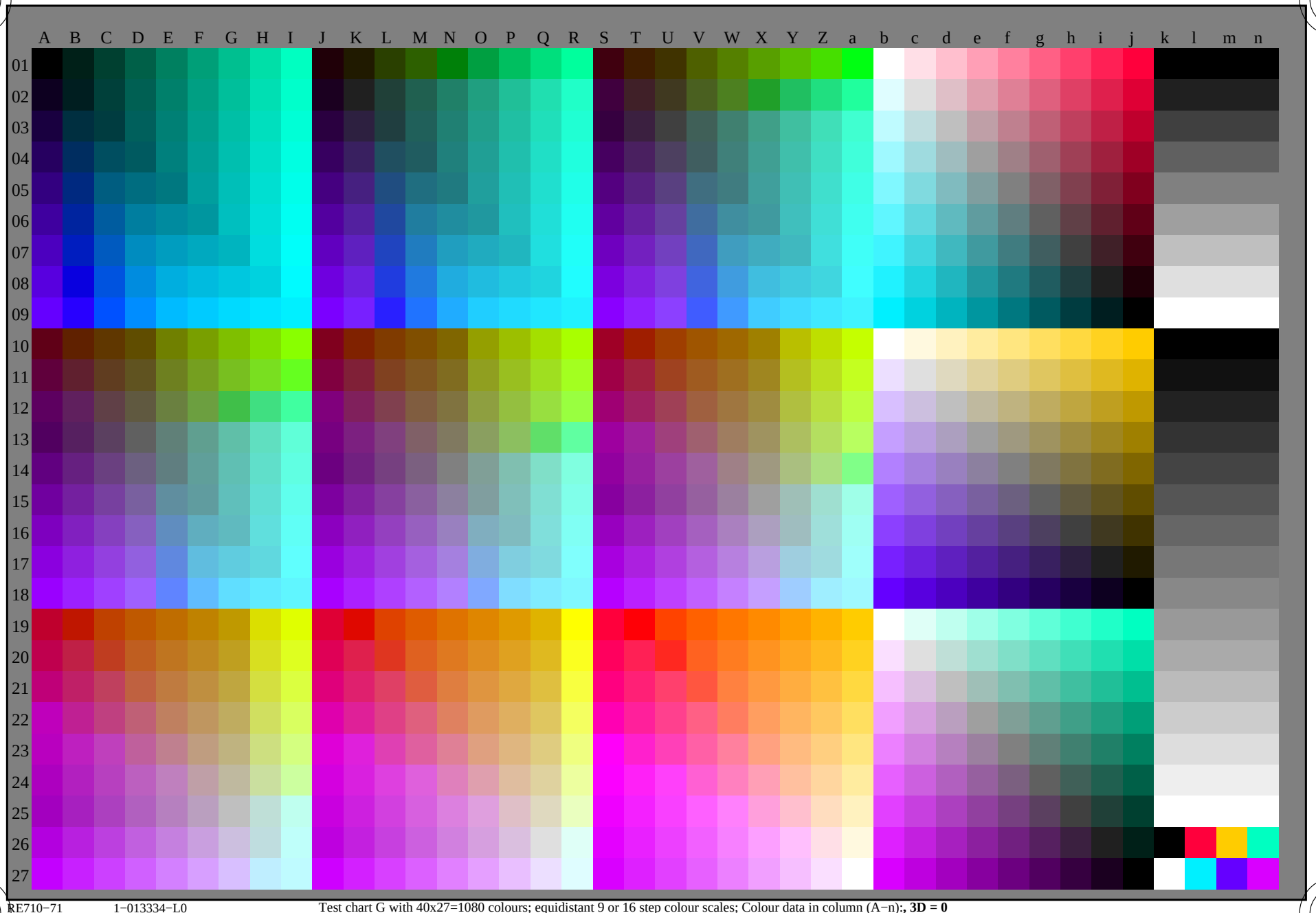
TUB material: code=rha4ta

RE710−71 1−013234−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 RE71; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

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

1−013234−F0



RE710−71 1−013334−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 RE71; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

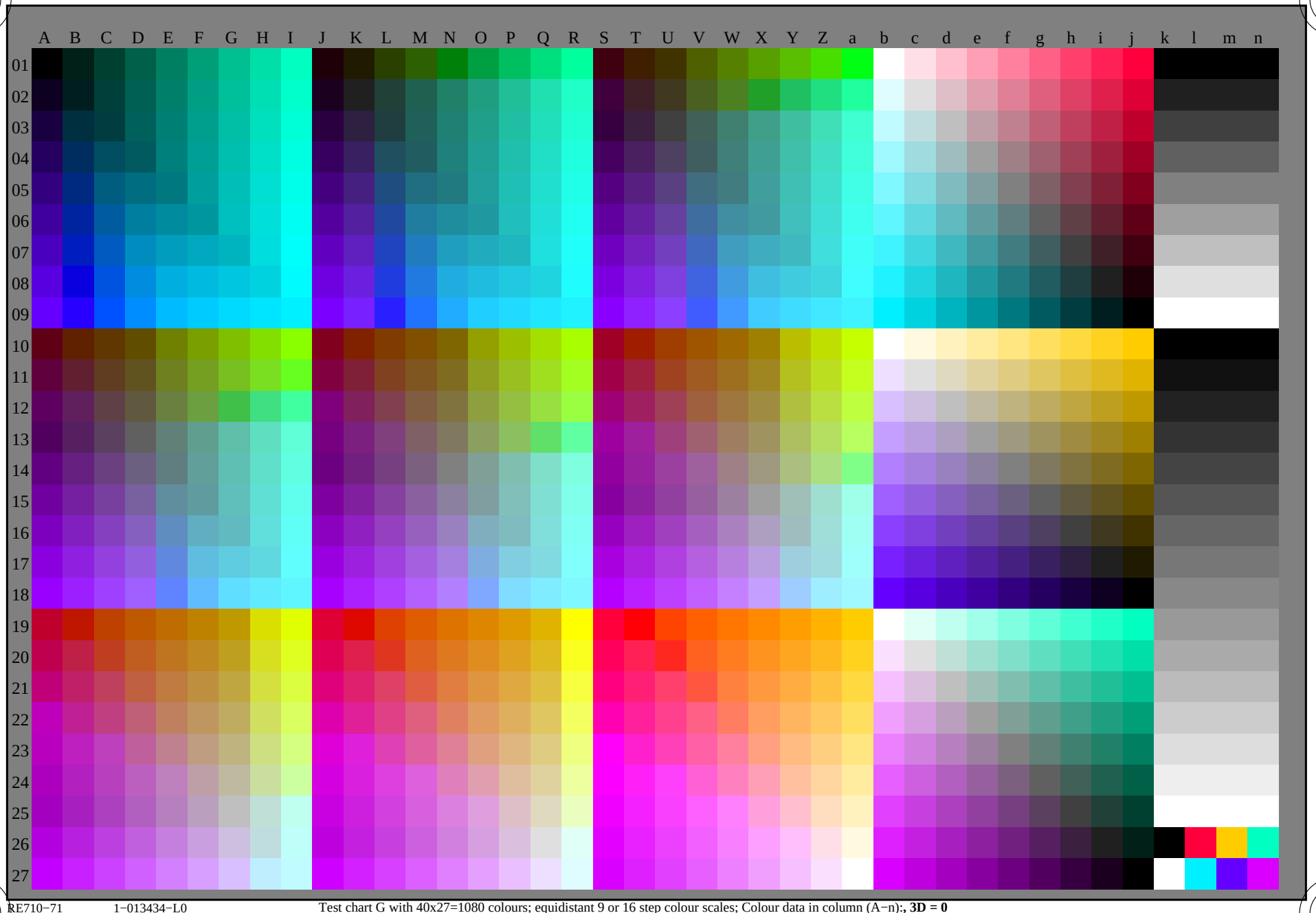
input: *rgb/cmyk* −> rgb_e
output: transfer to rgb_e

1−013334−F0

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

TUB material: code=rha4ta



see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

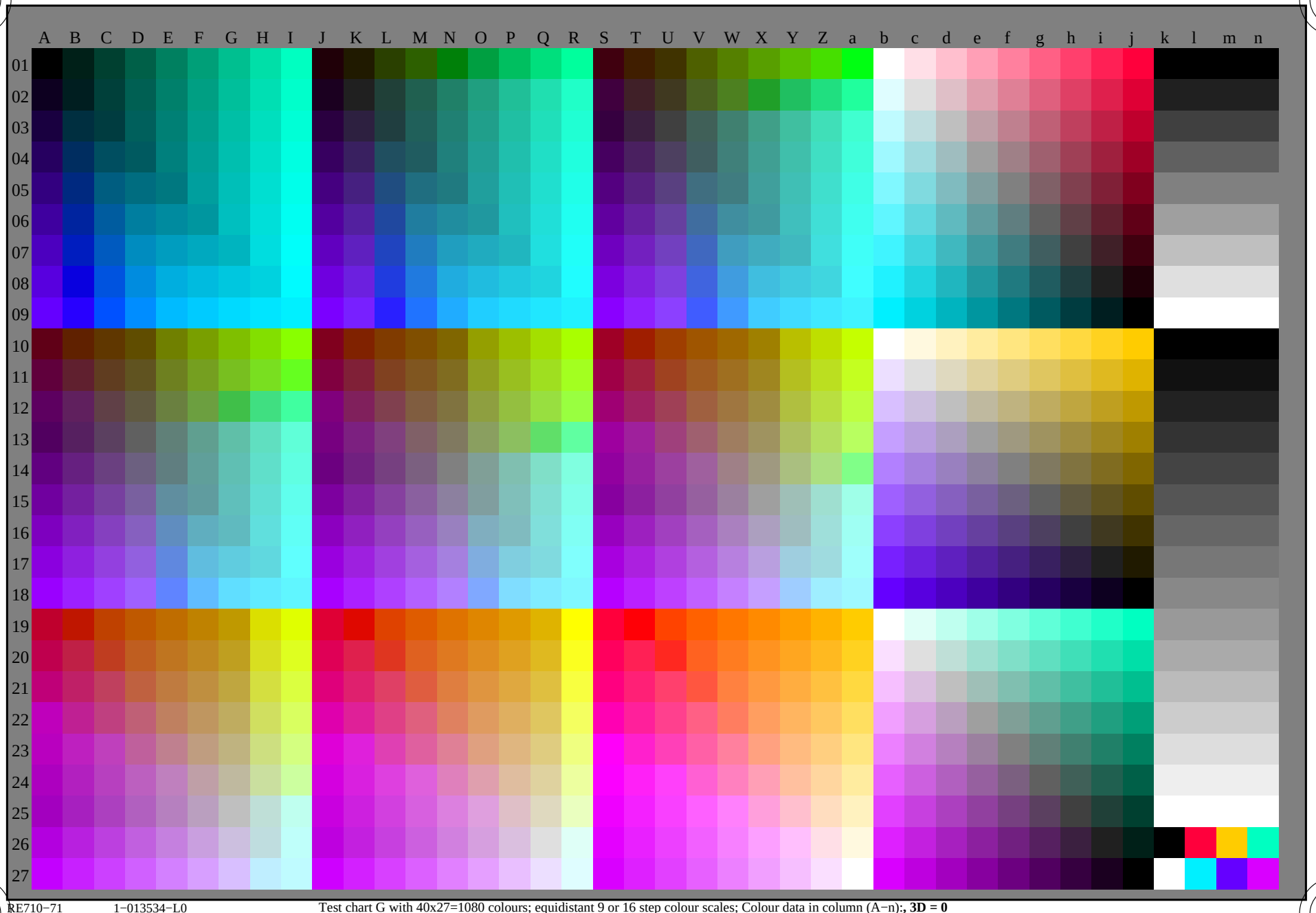
TUB material: code=rha4ta

RE710−71 1−013434−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 RE71; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

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

1−013434−F0



RE710−71 1−013534−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 RE71; 1080 standard colours, *cf*=0,9
Test chart according to DIN 33872

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

1−013534−F0

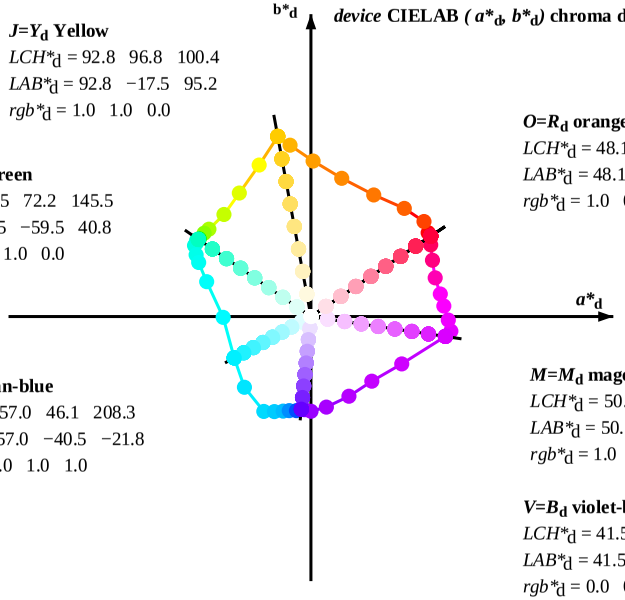
see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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 = 92.8 96.8 100.4
LAB^*_d = 92.8 −17.5 95.2
rgb^*_d = 1.0 1.0 0.0

O=R_d orange-red
LCH^*_d = 48.1 76.2 33.8
LAB^*_d = 48.1 63.3 42.5
rgb^*_d = 1.0 0.0 0.0

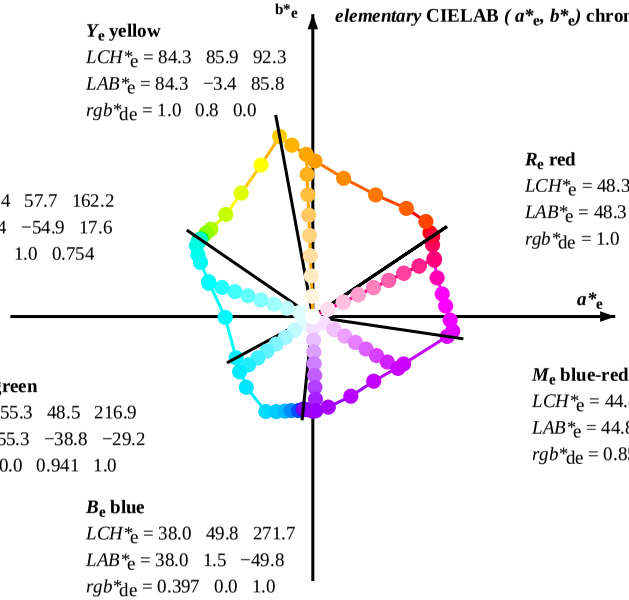
L=G_d leaf-green
LCH^*_d = 58.5 72.2 145.5
LAB^*_d = 58.5 −59.5 40.8
rgb^*_d = 0.0 1.0 0.0

C=C_d cyan-blue
LCH^*_d = 57.0 46.1 208.3
LAB^*_d = 57.0 −40.5 −21.8
rgb^*_d = 0.0 1.0 1.0

M=M_d magenta-red
LCH^*_d = 50.1 71.8 351.5
LAB^*_d = 50.1 71.1 −10.5
rgb^*_d = 1.0 0.0 1.0

V=B_d violet-blue
LCH^*_d = 41.5 49.2 264.0
LAB^*_d = 41.5 −5.0 −49.0
rgb^*_d = 0.0 0.0 1.0

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



Y_e yellow
LCH^*_e = 84.3 85.9 92.3
LAB^*_e = 84.3 −3.4 85.8
rgb^*_{de} = 1.0 0.8 0.0

R_e red
LCH^*_e = 48.3 71.1 25.4
LAB^*_e = 48.3 64.2 30.6
rgb^*_{de} = 1.0 0.0 0.237

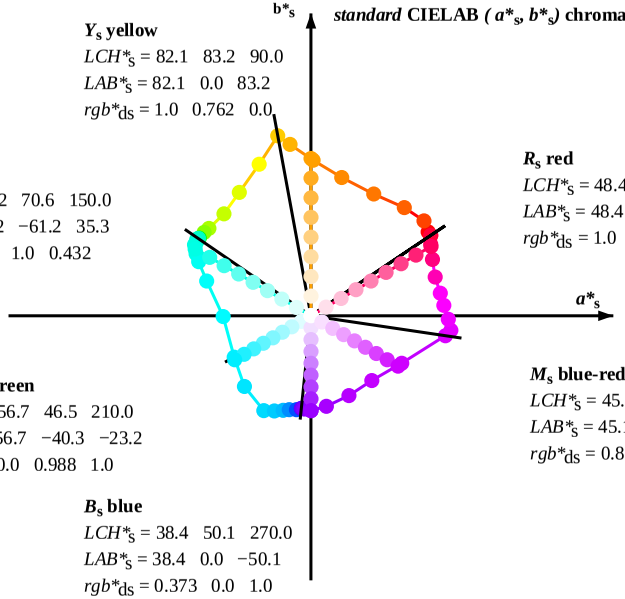
G_e green
LCH^*_e = 58.4 57.7 162.2
LAB^*_e = 58.4 −54.9 17.6
rgb^*_{de} = 0.0 1.0 0.754

C_e blue-green
LCH^*_e = 55.3 48.5 216.9
LAB^*_e = 55.3 −38.8 −29.2
rgb^*_{de} = 0.0 0.941 1.0

M_e blue-red
LCH^*_e = 44.8 52.7 328.6
LAB^*_e = 44.8 45.0 −27.4
rgb^*_{de} = 0.85 0.0 1.0

B_e blue
LCH^*_e = 38.0 49.8 271.7
LAB^*_e = 38.0 1.5 −49.8
rgb^*_{de} = 0.397 0.0 1.0

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



Y_s yellow
LCH^*_s = 82.1 83.2 90.0
LAB^*_s = 82.1 0.0 83.2
rgb^*_{ds} = 1.0 0.762 0.0

R_s red
LCH^*_s = 48.4 73.4 30.0
LAB^*_s = 48.4 63.5 36.7
rgb^*_{ds} = 1.0 0.0 0.142

G_s green
LCH^*_s = 57.2 70.6 150.0
LAB^*_s = 57.2 −61.2 35.3
rgb^*_{ds} = 0.0 1.0 0.432

C_s blue-green
LCH^*_s = 56.7 46.5 210.0
LAB^*_s = 56.7 −40.3 −23.2
rgb^*_{ds} = 0.0 0.988 1.0

M_s blue-red
LCH^*_s = 45.1 53.2 330.0
LAB^*_s = 45.1 46.1 −26.6
rgb^*_{ds} = 0.859 0.0 1.0

B_s blue
LCH^*_s = 38.4 50.1 270.0
LAB^*_s = 38.4 0.0 −50.1
rgb^*_{ds} = 0.373 0.0 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

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik
TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb (RGB)

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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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*$_{de}$
33.8	30.0	25.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.1	63.3	42.5	76.3	33	1.0	0.0	0.143	48.5	63.6	36.7	73.4	30	1.0	0.0	0.237	48.3	64.2	30.6	71.2	25			
35.6	37.5	33.8	1.0	0.125	0.0	48.8	62.0	44.3	76.2	35.6	1.0	0.117	0.0	48.8	62.1	44.3	76.3	35	1.0	0.164	0.0	49.2	61.4	46.2	76.8	37	1.0	0.0	0.025	48.2	63.4	41.6	75.8	33			
40.0	45.0	42.1	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40.0	1.0	0.25	0.0	49.9	59.8	50.3	78.1	40	1.0	0.318	0.0	52.8	54.3	54.3	76.8	45	1.0	0.279	0.0	51.2	57.5	52.1	77.5	42			
49.1	52.5	50.5	1.0	0.375	0.0	55.1	49.4	57.2	75.6	49.1	1.0	0.367	0.0	54.8	50.1	56.8	75.8	48	1.0	0.401	0.0	56.9	46.2	59.1	75.0	52	1.0	0.382	0.0	55.7	48.5	57.8	75.4	49			
62.6	60.0	58.8	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6	1.0	0.5	0.0	63.5	33.3	64.4	72.5	62	1.0	0.475	0.0	61.8	36.6	63.3	73.1	60	1.0	0.465	0.0	61.1	37.9	62.8	73.4	58			
77.4	67.5	67.2	1.0	0.625	0.0	72.5	16.3	73.1	74.9	77.4	1.0	0.617	0.0	71.9	17.6	72.7	74.8	76	1.0	0.537	0.0	66.1	28.6	67.4	73.2	67	1.0	0.534	0.0	65.9	28.9	67.2	73.2	66			
89.2	75.0	75.6	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89.2	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89	1.0	0.605	0.0	71.1	19.3	72.0	74.6	75	1.0	0.61	0.0	71.4	18.6	72.3	74.7	75			
96.9	82.5	83.9	1.0	0.875	0.0	88.7	−11.0	90.6	91.3	96.9	1.0	0.867	0.0	88.3	−10.1	90.2	90.7	96	1.0	0.674	0.0	76.0	10.8	77.1	77.8	82	1.0	0.689	0.0	77.0	9.0	78.2	78.7	83			
100.4	90.0	92.3	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	1.0	1.0	0.0	92.9	−17.4	95.3	96.9	100	1.0	0.763	0.0	82.1	0.0	83.3	83.3	90	1.0	0.8	0.0	84.3	−3.4	85.9	85.9	92			
108.8	97.5	101.0	0.875	1.0	0.0	83.7	−27.3	80.1	84.7	108.8	0.883	1.0	0.0	84.4	−26.8	81.2	85.5	108	1.0	0.877	0.0	88.8	−11.0	90.7	91.4	97	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100			
120.1	105.0	109.7	0.75	1.0	0.0	74.4	−37.9	65.2	75.5	120.1	0.75	1.0	0.0	74.4	−37.8	65.3	75.5	120	0.932	1.0	0.0	87.9	−23.3	87.2	90.3	105	0.865	1.0	0.0	83.0	−28.3	79.0	84.0	109			
130.4	112.5	118.5	0.625	1.0	0.0	67.3	−45.9	53.9	70.9	130.4	0.633	1.0	0.0	67.8	−45.4	54.8	71.2	129	0.84	1.0	0.0	81.2	−30.7	76.2	82.2	112	0.774	1.0	0.0	76.2	−36.1	68.3	77.3	117			
139.3	120.0	127.2	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3	0.5	1.0	0.0	61.8	−53.8	46.2	71.0	139	0.752	1.0	0.0	74.5	−37.7	65.5	75.6	120	0.663	1.0	0.0	69.5	−43.7	57.6	72.3	127			
142.0	127.5	136.0	0.375	1.0	0.0	60.5	−56.5	44.0	71.6	142.0	0.383	1.0	0.0	60.6	−56.2	44.2	71.6	141	0.667	1.0	0.0	69.7	−43.5	57.9	72.4	127	0.555	1.0	0.0	64.2	−50.5	49.8	71.0	135			
145.1	135.0	144.7	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145.1	0.25	1.0	0.0	58.7	−58.9	41.1	71.9	145	0.561	1.0	0.0	64.5	−50.1	50.2	71.0	135	0.265	1.0	0.0	58.9	−58.6	41.5	71.9	144			
145.5	142.5	153.4	0.125	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.133	1.0	0.0	58.5	−59.4	40.9	72.2	145	0.377	1.0	0.0	60.5	−56.4	44.1	71.7	142	0.0	1.0	0.558	57.2	−60.1	30.8	67.6	152			
145.5	150.0	162.2	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.0	1.0	0.0	58.5	−59.5	40.9	72.2	145	0.0	1.0	0.432	57.2	−61.1	35.3	70.7	150	0.0	1.0	0.755	58.5	−54.9	17.6	57.7	162			
146.1	157.5	169.0	0.0	1.0	0.125	57.9	−60.4	40.4	72.7	146.1	0.0	1.0	0.117	58.0	−60.3	40.5	72.7	146	0.0	1.0	0.672	57.7	−57.9	24.6	63.0	157	0.0	1.0	0.797	59.0	−52.6	10.6	53.8	168			
147.2	165.0	175.9	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147.2	0.0	1.0	0.25	57.6	−60.5	38.9	72.0	147	0.0	1.0	0.773	58.7	−54.0	14.5	56.0	165	0.0	1.0	0.845	59.6	−49.1	3.5	49.3	175			
148.5	172.5	182.7	0.0	1.0	0.375	57.2	−61.5	37.6	72.1	148.5	0.0	1.0	0.367	57.3	−61.4	37.7	72.1	148	0.0	1.0	0.819	59.3	−51.1	7.2	51.7	172	0.0	1.0	0.883	59.8	−46.3	−1.8	46.4	182			
151.6	180.0	189.6	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6	0.0	1.0	0.5	57.1	−60.6	32.7	69.0	151	0.0	1.0	0.871	59.9	−46.7	0.0	46.8	180	0.0	1.0	0.916	59.9	−45.6	−7.6	46.3	189			
154.2	187.5	196.4	0.0	1.0	0.625	57.3	−59.4	28.6	65.9	154.2	0.0	1.0	0.617	57.3	−59.4	28.9	66.2	154	0.0	1.0	0.904	59.3	−45.9	−5.5	46.3	187	0.0	1.0	0.9[illegible]	58.4	−44.4	−12.6	46.2	195			
161.5	195.0	203.2	0.0	1.0	0.75	58.4	−55.1	18.4	58.1	161.5	0.0	1.0	0.75	58.4	−55.0	18.4	58.1	161	0.0	1.0	0.94	58.5	−44.6	−11.9	46.3	195	0.0	1.0	0.97	57.6	−42.3	−18.2	46.2	203			
180.5	202.5	210.1	0.0	1.0	0.875	59.9	−46.4	−0.4	46.4	180.5	0.0	1.0	0.867	59.8	−47.1	0.6	47.2	179	0.0	1.0	0.971	57.7	−42.7	−17.2	46.2	202	0.0	1.0	1.0	56.8	−40.3	−22.9	46.5	209			
208.3	210.0	216.9	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3	0.0	1.0	1.0	57.1	−40.5	−21.8	46.1	208	0.0	0.989	1.0	56.8	−40.2	−23.2	46.6	210	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216			
226.7	217.5	223.8	0.0	0.875	1.0	53.3	−35.2	−37.3	51.3	226.7	0.0	0.883	1.0	53.6	−35.7	−36.3	51.0	225	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	217	0.0	0.898	1.0	54.0	−36.5	−34.5	50.4	223			
243.5	225.0	230.6	0.0	0.75	1.0	52.6	−24.9	−50.1	56.0	243.5	0.0	0.75	1.0	52.7	−24.8	−50.1	56.0	243	0.0	0.887	1.0	53.7	−35.9	−35.9	50.[illegible]	225	0.0	0.846	1.0	53.2	−33.1	−40.5	52.5	230			
248.9	232.5	237.5	0.0	0.625	1.0	49.4	−19.3	−50.3	53.8	248.9	0.0	0.633	1.0	49.6	−19.6	−50.2	54.0	248	0.0	0.836	1.0	53.1	−32.4	−4[illegible]	52.8	232	0.0	0.798	1.0	52.9	−29.4	−45.4	54.2	237			
253.6	240.0	244.3	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6	0.0	0.5	1.0	47.1	−14.6	−50.0	52.2	253	0.0	0.777	1.0	52.8	−2[illegible]	−47.6	55.0	240	0.0	0.732	1.0	52.2	−24.0	−50.1	55.7	244			
256.9	247.5	251.2	0.0	0.375	1.0	45.3	−11.4	−49.7	51.0	256.9	0.0	0.383	1.0	45.4	−11.6	−49.7	51.1	256	0.0	0.671	1.0	50.[illegible]	−21.3	−50.[illegible]	54.7	247	0.0	0.578	1.0	48.6	−17.5	−50.2	53.2	250			
261.2	255.0	258.0	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261.2	0.0	0.25	1.0	43.0	−7.6	−49.6	50.3	261	0.0	0.45	1.0	46.4	−13.3	−49.[illegible]	51.7	255	0.0	0.344	1.0	44.7	−10.4	−49.7	50.9	258			
264.0	262.5	264.8	0.0	0.125	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.133	1.0	41.7	−5.1	−49.0	49.4	263	0.0	0.266	1.0	42.6	−8.[illegible]	−49.5	50.0	262	0.043	0.0	1.0	41.4	−4.7	−49.0	49.3	264			
264.0	270.0	271.7	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.0	1.0	41.6	−5.0	−48.9	49.3	264	0.37[illegible]	0.0	1.0	38.4	1.0	−50.1	50.2	270	0.397	0.0	1.0	38.1	1.5	−49.8	49.9	271			
265.1	277.5	278.8	0.125	0.0	1.0	40.9	−4.1	−49.0	49.2	265.1	0.117	0.0	1.0	41.0	−4.2	−49.0	49.3	265	[illegible]	0.0	1.0	37.0	6.0	−48.6	49.0	277	0.484	0.0	1.0	36.7	7.1	−48.2	48.8	278			
266.0	285.0	285.9	0.25	0.0	1.0	40.3	−3.3	−49.3	49.4	266.0	0.25	0.0	1.0	40.4	−3.3	−49.2	49.5	[illegible]	0.542	0.0	1.0	36.8	12.4	−46.2	48.0	285	0.55	0.0	1.0	36.8	13.2	−45.9	47.9	285			
270.0	292.5	293.0	0.375	0.0	1.0	38.3	0.0	−50.1	50.1	270.0	0.367	0.0	1.0	38.5	−0.1	−50.0	50.[illegible]	269	0.5[illegible]	0.0	1.0	37.1	17.7	−43.6	47.2	292	0.602	0.0	1.0	37.2	18.1	−43.4	47.1	292			
279.6	300.0	300.1	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6	0.5	0.0	1.0	36.5	8.1	−48.[illegible]	48.6	279	0.6[illegible]	0.0	1.0	38.4	23.4	−40.4	46.8	300	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300			
295.4	307.5	307.2	0.625	0.0	1.0	37.3	20.1	−42.2	46.7	295.4	0.617	0.0	1.0	37.3	19.[illegible]	−42.6	46.9	294	0.706	0.0	1.0	40.0	28.2	−37.4	46.9	307	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306			
313.1	315.0	314.3	0.75	0.0	1.0	41.4	32.1	−34.2	46.9	313.1	0.75	0.0	1.0	41.[illegible]	32.2	−34.2	47.[illegible]	313	0.76[illegible]	0.0	1.0	41.8	33.7	−33.6	47.7	315	0.758	0.0	1.0	41.7	33.2	−33.8	47.4	314			
332.4	322.5	321.4	0.875	0.0	1.0	45.7	48.0	−25.0	54.1	332.4	0.867	0.0	1.0	[illegible]	47.0	−25.[illegible]	53.7	331	0.80[illegible]	0.0	1.0	43.4	39.6	−30.9	50.3	322	0.801	0.0	1.0	43.2	38.8	−31.3	49.9	321			
351.5	330.0	328.6	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	1.0	0.0	1.0	50.2	[illegible]	−10.4	71.9	[illegible]	0.859	0.0	1.0	45.2	46.1	−26.5	53.3	330	0.85	0.0	1.0	44.9	45.0	−27.4	52.8	328			
354.0	337.5	335.7	1.0	0.0	0.875	48.7	74.0	−7.7	74.4	354.0	1.0	0.0	0.883	48.[illegible]	73.9	−7.8	[illegible]	353	0.905	0.0	1.0	46.8	53.8	−22.7	58.4	337	0.893	0.0	1.0	46.4	51.6	−23.7	56.8	335			
358.5	345.0	342.8	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358.5	1.0	0.0	0.75	48.3	72.7	−1.[illegible]	72.7	358	0.957	0.0	1.0	48.7	63.6	−16.9	65.8	345	0.943	0.0	1.0	48.2	61.0	−18.7	63.8	342			
364.5	352.5	349.9	1.0	0.0	0.625	48.3	70.3	5.5	70.5	364.5	1.0	0.0	0.[illegible]33	48.4	70.5	5.1	70.7	364	1.0	0.0	0.979	49.9	71.6	−10.0	72.3	352	0.986	0.0	1.0	49.7	68.8	−12.7	69.9	349			
369.8	360.0	357.0	1.0	0.0	0.5	48.3	68.4	11.9	69.5	369.8	1.0	0.0	0.5	48.[illegible]	68.5	11.9	69.5	369	1.0	0.0	0.72	48.3	72.2	0.0	72.2	360	1.0	0.0	0.976	49.9	71.7	−9.9	72.4	352			
377.3	367.5	364.1	1.0	0.0	0.375	48.4	65.6	20.4	68.8	377.3	1.0	0.0	0.383	[illegible]	65.9	19.9	68.9	376	1.0	0.0	0.567	48.4	69.5	8.5	70.1	367	1.0	0.0	0.723	48.3	72.3	−0.1	72.3	359			
384.8	375.0	371.2	1.0	0.0	0.25	48.3	64.2	29.8	70.8	384.8	1.0	0.0	0.[illegible]	48.3	64.3	29.8	70.9	384	1.0	0.0	0.414	48.4	66.7	17.9	69.0	375	1.0	0.0	0.526	48.4	68.9	10.6	69.7	368			
390.8	382.5	378.3	1.0	0.0	0.125	48.4	63.4	37.8	73.8	390.8	1.0	0.0	0.133	48.5	63.5	37.3	73.7	390	1.0	0.0	0.298	48.4	65.0	26.3	70.1	382	1.0	0.0	0.388	48.5	66.0	19.6	68.9	376			
393.8	390.0	385.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	393.8	1.0	0.0	0.0	48.1	63.3	42.5	76.3	393	1.0	0.0	0.143	48.5	63.6	36.7	73.4	390	1.0	0.0	0.237	48.3	64.2	30.6	71.2	385			

no continues hue change of device near $h_{ab,d}$ = 145, 264
or *rgb$_d$ = 0.125, 1.0, 0.0; 0.0, 0.125, 1.0**
appropriate correction done

RE710−71 1−013734−L0 LAB*la0, YN=0%, XYZnw=2.0, 2.1, 2.1, 85.9, 90.9, 95.1, LAB*nw=15.8, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 8/33

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb*−*LabCh**tables

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

1−013734−F0

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

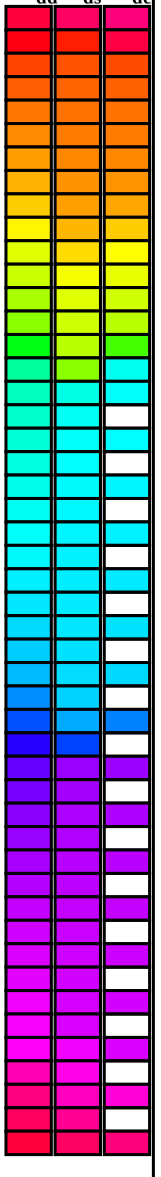
TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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)				
33.8	30.0	25.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
35.6	37.5	33.8	1.0	0.125	0.0	48.8	62.0	44.3	76.2	35.6
40.0	45.0	42.1	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40.0
49.1	52.5	50.5	1.0	0.375	0.0	55.1	49.4	57.2	75.6	49.1
62.6	60.0	58.8	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
77.4	67.5	67.2	1.0	0.625	0.0	72.5	16.3	73.1	74.9	77.4
89.2	75.0	75.6	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89.2
96.9	82.5	83.9	1.0	0.875	0.0	88.7	−11.0	90.6	91.3	96.9
100.4	90.0	92.3	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
108.8	97.5	101.0	0.875	1.0	0.0	83.7	−27.3	80.1	84.7	108.8
120.1	105.0	109.7	0.75	1.0	0.0	74.4	−37.9	65.2	75.5	120.1
130.4	112.5	118.5	0.625	1.0	0.0	67.3	−45.9	53.9	70.9	130.4
139.3	120.0	127.2	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
142.0	127.5	136.0	0.375	1.0	0.0	60.5	−56.5	44.0	71.6	142.0
145.1	135.0	144.7	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145.1
145.5	142.5	153.4	0.125	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
145.5	150.0	162.2	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
146.1	157.5	169.0	0.0	1.0	0.125	57.9	−60.4	40.4	72.7	146.1
147.2	165.0	175.9	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147.2
148.5	172.5	182.7	0.0	1.0	0.375	57.2	−61.5	37.6	72.1	148.5
151.6	180.0	189.6	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
154.2	187.5	196.4	0.0	1.0	0.625	57.3	−59.4	28.6	65.9	154.2
161.5	195.0	203.2	0.0	1.0	0.75	58.4	−55.1	18.4	58.1	161.5
180.5	202.5	210.1	0.0	1.0	0.875	59.9	−46.4	−0.4	46.4	180.5
208.3	210.0	216.9	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
226.7	217.5	223.8	0.0	0.875	1.0	53.3	−35.2	−37.3	51.3	226.7
243.5	225.0	230.6	0.0	0.75	1.0	52.6	−24.9	−50.1	56.0	243.5
248.9	232.5	237.5	0.0	0.625	1.0	49.4	−19.3	−50.3	53.8	248.9
253.6	240.0	244.3	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
256.9	247.5	251.2	0.0	0.375	1.0	45.3	−11.4	−49.7	51.0	256.9
261.2	255.0	258.0	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261.2
264.0	262.5	264.8	0.0	0.125	1.0	41.5	−5.0	−49.0	49.2	264.0
264.0	270.0	271.7	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
265.1	277.5	278.8	0.125	0.0	1.0	40.9	−4.1	−49.0	49.2	265.1
266.0	285.0	285.9	0.25	0.0	1.0	40.3	−3.3	−49.3	49.4	266.0
270.0	292.5	293.0	0.375	0.0	1.0	38.3	0.0	−50.1	50.1	270.0
279.6	300.0	300.1	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
295.4	307.5	307.2	0.625	0.0	1.0	37.3	20.1	−42.2	46.7	295.4
313.1	315.0	314.3	0.75	0.0	1.0	41.4	32.1	−34.2	46.9	313.1
332.4	322.5	321.4	0.875	0.0	1.0	45.7	48.0	−25.0	54.1	332.4
351.5	330.0	328.6	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
354.0	337.5	335.7	1.0	0.0	0.875	48.7	74.0	−7.7	74.4	354.0
358.5	345.0	342.8	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358.5
364.5	352.5	349.9	1.0	0.0	0.625	48.3	70.3	5.5	70.5	364.5
369.8	360.0	357.0	1.0	0.0	0.5	48.3	68.4	11.9	69.5	369.8
377.3	367.5	364.1	1.0	0.0	0.375	48.4	65.6	20.4	68.8	377.3
384.8	375.0	371.2	1.0	0.0	0.25	48.3	64.2	29.8	70.8	384.8
390.8	382.5	378.3	1.0	0.0	0.125	48.4	63.4	37.8	73.8	390.8
393.8	390.0	385.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	393.8

	*rgb** dex361M			*LAB** dex361M				
33.8	1.0	0.0	0.237	48.3	64.2	30.6	71.2	25
35.6	1.0	0.0	0.025	48.2	63.4	41.6	75.8	33
40.0	1.0	0.279	0.0	51.2	57.5	52.1	77.5	42
49.1	1.0	0.382	0.0	55.7	48.5	57.8	75.4	49
62.6	1.0	0.465	0.0	61.1	37.9	62.8	73.4	58
77.4	1.0	0.534	0.0	65.9	28.9	67.2	73.2	66
89.2	1.0	0.61	0.0	71.4	18.6	72.3	74.7	75
96.9	1.0	0.689	0.0	77.0	9.0	78.2	78.7	83
100.4	1.0	0.8	0.0	84.3	−3.4	85.9	85.9	92
108.8	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100
120.1	0.865	1.0	0.0	83.0	−28.3	79.0	84.0	109
130.4	0.774	1.0	0.0	76.2	−36.1	68.3	77.3	117
139.3	0.663	1.0	0.0	69.5	−43.7	57.6	72.3	127
142.0	0.555	1.0	0.0	64.2	−50.5	49.8	71.0	135
145.1	0.265	1.0	0.0	58.9	−58.6	41.5	71.9	144
145.5	0.0	1.0	0.558	57.2	−60.1	30.8	67.6	152
145.5	0.0	1.0	0.755	58.5	−54.9	17.6	57.7	162
146.1	0.0	1.0	0.797	59.0	−52.6	10.6	53.8	168
147.2	0.0	1.0	0.845	59.6	−49.1	3.5	49.3	175
148.5	0.0	1.0	0.883	59.8	−46.3	−1.8	46.4	182
151.6	0.0	1.0	0.916	59.0	−45.6	−7.6	46.3	189
154.2	0.0	1.0	0.944	58.4	−44.4	−12.6	46.2	195
161.5	0.0	1.0	0.97	57.6	−42.3	−18.2	46.2	203
180.5	0.0	0.9[illegible]	1.0	56.8	−40.3	−22.9	46.5	209
208.3	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216
226.7	0.0	0.898	1.0	54.0	−36.5	−34.5	50.4	223
243.5	0.0	0.846	1.0	53.2	−33.1	−40.5	52.5	230
248.9	0.0	0.798	1.0	52.9	−29.4	−45.4	54.2	237
253.6	0.0	0.732	1.0	52.2	−24.0	−50.1	55.7	244
256.9	0.0	0.578	1.0	48.6	−17.5	−50.2	53.2	250
261.2	0.0	0.344	1.0	44.7	−10.4	−49.7	50.9	258
264.0	0.043	0.0	1.0	41.4	−4.7	−49.0	49.3	264
270.0	0.397	0.0	1.0	38.1	1.5	−49.8	49.9	271
279.6	0.484	0.0	1.0	36.7	7.1	−48.2	48.8	278
	0.55	0.0	1.0	36.8	13.2	−45.9	47.9	285
295.4	0.602	0.0	1.0	37.2	18.1	−43.4	47.1	292
	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300
	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306
313.1	0.758	0.0	1.0	41.7	33.2	−33.8	47.4	314
	0.801	0.0	1.0	43.2	38.8	−31.3	49.9	321
	0.85	0.0	1.0	44.9	45.0	−27.4	52.8	328
332.4	0.893	0.0	1.0	46.4	51.6	−23.7	56.8	335
	0.943	0.0	1.0	48.2	61.0	−18.7	63.8	342
	0.986	0.0	1.0	49.7	68.8	−12.7	69.9	349
351.5	1.0	0.0	0.976	49.9	71.7	−9.9	72.4	352
358.5	1.0	0.0	0.723	48.3	72.3	−0.1	72.3	359
364.5	1.0	0.0	0.526	48.4	68.9	10.6	69.7	368
	1.0	0.0	0.388	48.5	66.0	19.6	68.9	376
	1.0	0.0	0.237	48.3	64.2	30.6	71.2	385



no continues hue change of device near $h_{ab,d}$ = 145, 264
or *rgb$_d$ = 0.125, 1.0, 0.0; 0.0, 0.125, 1.0**
appropriate correction done

RE710−71 1−013834−L0 LAB*la0, YN=0%, XYZnw=2.0, 2.1, 2.1, 85.9, 90.9, 95.1, LAB*nw=15.8, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 9/33

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik
TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb (RGB)

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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					R_d	*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					R_s	*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					R_e	*rgb**dd361Mi			*rgb**$_{dd}$	*rgb**$_{ds}$	*rgb**$_{de}$
33	30	25	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33		1.0	0.0	0.143	48.5	63.6	36.7	73.4	30		1.0	0.0	0.0	1.0	0.0	0.237	48.3	64.2	30.6	71.2	25		1.0	0.0	0.0			
34	31	26	1.0	0.016	0.0	48.2	63.1	42.7	76.2	34		1.0	0.0	0.119	48.5	63.4	38.1	74.0	31		1.0	0.017	0.0	1.0	0.0	0.214	48.4	64.1	32.1	71.7	26		1.0	0.017	0.0			
34	32	27	1.0	0.033	0.0	48.3	62.9	43.0	76.2	34		1.0	0.0	0.077	48.3	63.4	39.6	74.8	32		1.0	0.033	0.0	1.0	0.0	0.191	48.4	64.0	33.6	72.3	27		1.0	0.033	0.0			
34	33	28	1.0	0.05	0.0	48.4	62.8	43.2	76.2	34		1.0	0.0	0.036	48.2	63.4	41.2	75.6	33		1.0	0.05	0.0	1.0	0.0	0.167	48.4	63.8	35.1	72.8	28		1.0	0.05	0.0			
34	34	29	1.0	0.066	0.0	48.4	62.6	43.5	76.2	34		1.0	0.009	0.0	48.2	63.2	42.7	76.3	34		1.0	0.067	0.0	1.0	0.0	0.144	48.5	63.6	36.6	73.4	29		1.0	0.067	0.0			
35	35	31	1.0	0.083	0.0	48.5	62.4	43.7	76.2	35		1.0	0.082	0.0	48.6	62.5	43.7	76.3	35		1.0	0.083	0.0	1.0	0.0	0.117	48.5	63.4	38.2	74.0	31		1.0	0.083	0.0			
35	36	32	1.0	0.1	0.0	48.6	62.2	44.0	76.2	35		1.0	0.136	0.0	48.9	61.8	44.9	76.4	36		1.0	0.1	0.0	1.0	0.0	0.071	48.3	63.4	39.9	74.9	32		1.0	0.1	0.0			
35	37	33	1.0	0.116	0.0	48.7	62.0	44.2	76.2	35		1.0	0.164	0.0	49.2	61.4	46.2	76.8	37		1.0	0.117	0.0	1.0	0.0	0.025	48.2	63.4	41.6	75.8	33		1.0	0.117	0.0			
35	38	34	1.0	0.133	0.0	48.8	61.8	44.7	76.3	35		1.0	0.193	0.0	49.4	60.9	47.6	77.3	38		1.0	0.133	0.0	1.0	0.037	0.0	48.3	63.0	43.1	76.3	34		1.0	0.133	0.0			
36	39	35	1.0	0.15	0.0	49.0	61.6	45.5	76.6	36		1.0	0.221	0.0	49.7	60.4	48.9	77.7	39		1.0	0.15	0.0	1.0	0.118	0.0	48.8	62.1	44.3	76.3	35		1.0	0.15	0.0			
37	40	36	1.0	0.166	0.0	49.1	61.3	46.3	76.8	37		1.0	0.249	0.0	49.9	59.8	50.2	78.1	40		1.0	0.167	0.0	1.0	0.154	0.0	49.1	61.6	45.7	76.7	36		1.0	0.167	0.0			
37	41	37	1.0	0.183	0.0	49.3	61.0	47.1	77.1	37		1.0	0.263	0.0	50.5	58.8	51.1	77.9	41		1.0	0.183	0.0	1.0	0.185	0.0	49.4	61.0	47.2	77.2	37		1.0	0.183	0.0			
38	42	38	1.0	0.2	0.0	49.4	60.7	47.9	77.3	38		1.0	0.277	0.0	51.1	57.7	51.9	77.6	42		1.0	0.2	0.0	1.0	0.216	0.0	49.6	60.5	48.7	77.6	38		1.0	0.2	0.0			
38	43	39	1.0	0.216	0.0	49.6	60.4	48.7	77.6	38		1.0	0.29	0.0	51.6	56.6	52.7	77.3	43		1.0	0.217	0.0	1.0	0.248	0.0	49.9	59.9	50.2	78.1	39		1.0	0.217	0.0			
39	44	41	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39		1.0	0.304	0.0	52.2	55.4	53.5	77.0	44		1.0	0.233	0.0	1.0	0.264	0.0	50.5	58.7	51.2	77.9	41		1.0	0.233	0.0			
40	45	42	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40		1.0	0.318	0.0	52.8	54.3	54.3	76.8	45		1.0	0.25	0.0	1.0	0.279	0.0	51.2	57.5	52.1	77.5	42		1.0	0.25	0.0			
41	46	43	1.0	0.266	0.0	50.6	58.4	51.3	77.8	41		1.0	0.331	0.0	53.4	53.1	55.0	76.5	46		1.0	0.267	0.0	1.0	0.295	0.0	51.8	56.2	53.0	77.2	43		1.0	0.267	0.0			
42	47	44	1.0	0.283	0.0	51.3	57.1	52.3	77.4	42		1.0	0.345	0.0	53.9	52.0	55.7	76.2	47		1.0	0.283	0.0	1.0	0.31	0.0	52.5	55.0	53.8	76.9	44		1.0	0.283	0.0			
43	48	45	1.0	0.3	0.0	52.0	55.7	53.2	77.1	43		1.0	0.359	0.0	54.5	50.8	56.4	76.0	48		1.0	0.3	0.0	1.0	0.325	0.0	53.1	53.7	54.7	76.6	45		1.0	0.3	0.0			
44	49	46	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44		1.0	0.372	0.0	55.1	49.6	57.1	75.7	49		1.0	0.317	0.0	1.0	0.34	0.0	53.7	52.4	55.5	76.3	46		1.0	0.317	0.0			
46	50	47	1.0	0.333	0.0	53.4	52.9	55.1	76.4	46		1.0	0.382	0.0	55.7	48.5	57.8	75.4	50		1.0	0.333	0.0	1.0	0.355	0.0	54.4	51.1	56.3	76.0	47		1.0	0.333	0.0			
47	51	48	1.0	0.35	0.0	54.1	51.5	56.0	76.1	47		1.0	0.392	0.0	56.3	47.3	58.4	75.2	51		1.0	0.35	0.0	1.0	0.371	0.0	55.0	49.8	57.0	75.7	48		1.0	0.35	0.0			
48	52	49	1.0	0.366	0.0	54.8	50.1	56.8	75.7	48		1.0	0.401	0.0	56.9	46.2	59.1	75.0	52		1.0	0.367	0.0	1.0	0.382	0.0	55.7	48.5	57.8	75.4	49		1.0	0.367	0.0			
50	53	51	1.0	0.383	0.0	55.7	48.3	57.8	75.4	50		1.0	0.41	0.0	57.5	45.0	59.7	74.7	53		1.0	0.383	0.0	1.0	0.393	0.0	56.4	47.2	58.5	75.2	51		1.0	0.383	0.0			
51	54	52	1.0	0.4	0.0	56.8	46.2	59.0	74.9	51		1.0	0.42	0.0	58.1	43.8	60.3	74.5	54		1.0	0.4	0.0	1.0	0.403	0.0	57.0	45.9	59.2	74.9	52		1.0	0.4	0.0			
53	55	53	1.0	0.416	0.0	57.9	44.1	60.0	74.5	53		1.0	0.429	0.0	58.8	42.6	60.8	74.3	55		1.0	0.417	0.0	1.0	0.413	0.0	57.7	44.6	59.9	74.7	53		1.0	0.417	0.0			
55	56	54	1.0	0.433	0.0	59.0	42.0	61.1	74.1	55		1.0	0.438	0.0	59.4	41.4	61.4	74.0	56		1.0	0.433	0.0	1.0	0.424	0.0	58.4	43.3	60.5	74.4	54		1.0	0.433	0.0			
57	57	55	1.0	0.45	0.0	60.1	39.8	62.0	73.7	57		1.0	0.447	0.0	60.0	40.2	61.9	73.8	57		1.0	0.45	0.0	1.0	0.434	0.0	59.1	41.9	61.1	74.1	55		1.0	0.45	0.0			
59	58	56	1.0	0.466	0.0	61.2	37.6	62.8	73.3	59		1.0	0.457	0.0	60.6	39.0	62.4	73.6	58		1.0	0.467	0.0	1.0	0.444	0.0	59.8	40.6	61.7	73.9	56		1.0	0.467	0.0			
60	59	57	1.0	0.483	0.0	62.3	35.4	63.6	72.8	60		1.0	0.466	0.0	61.2	37.8	62.9	73.3	59		1.0	0.483	0.0	1.0	0.455	0.0	60.5	39.2	62.3	73.6	57		1.0	0.483	0.0			
62	60	58	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62		1.0	0.475	0.0	61.8	36.6	63.3	73.1	60		1.0	0.5	0.0	1.0	0.465	0.0	61.1	37.9	62.8	73.4	58		1.0	0.5	0.0			
64	61	60	1.0	0.516	0.0	64.6	31.1	65.7	72.8	64		1.0	0.484	0.0	62.4	35.3	63.7	72.9	61		1.0	0.517	0.0	1.0	0.475	0.0	61.8	36.5	63.3	73.1	60		1.0	0.517	0.0			
66	62	61	1.0	0.533	0.0	65.8	29.0	67.1	73.1	66		1.0	0.494	0.0	63.1	34.1	64.1	72.6	62		1.0	0.533	0.0	1.0	0.486	0.0	62.5	35.2	63.8	72.8	61		1.0	0.533	0.0			
68	63	62	1.0	0.55	0.0	67.1	26.8	68.3	73.4	68		1.0	0.503	0.0	63.7	32.9	64.6	72.5	63		1.0	0.55	0.0	1.0	0.496	0.0	63.2	33.8	64.2	72.6	62		1.0	0.55	0.0			
70	64	63	1.0	0.566	0.0	68.3	24.5	69.5	73.8	70		1.0	0.511	0.0	64.3	31.9	65.3	72.7	64		1.0	0.567	0.0	1.0	0.506	0.0	63.9	32.6	64.9	72.6	63		1.0	0.567	0.0			
72	65	64	1.0	0.583	0.0	69.5	22.2	70.7	74.1	72		1.0	0.52	0.0	64.9	30.8	66.0	72.9	65		1.0	0.583	0.0	1.0	0.515	0.0	64.6	31.4	65.7	72.8	64		1.0	0.583	0.0			
74	66	65	1.0	0.6	0.0	70.7	19.9	71.7	74.4	74		1.0	0.528	0.0	65.5	29.7	66.7	73.0	66		1.0	0.6	0.0	1.0	0.525	0.0	65.3	30.2	66.4	73.0	65		1.0	0.6	0.0			
76	67	66	1.0	0.616	0.0	71.9	17.5	72.7	74.8	76		1.0	0.537	0.0	66.1	28.6	67.4	73.2	67		1.0	0.617	0.0	1.0	0.534	0.0	65.9	28.9	67.2	73.2	66		1.0	0.617	0.0			
78	68	67	1.0	0.633	0.0	73.1	15.4	73.8	75.4	78		1.0	0.545	0.0	66.7	27.5	68.0	73.4	68		1.0	0.633	0.0	1.0	0.543	0.0	66.6	27.7	67.9	73.3	67		1.0	0.633	0.0			
79	69	68	1.0	0.65	0.0	74.3	13.5	75.2	76.4	79		1.0	0.554	0.0	67.4	26.4	68.7	73.5	69		1.0	0.65	0.0	1.0	0.553	0.0	67.3	26.4	68.6	73.5	68		1.0	0.65	0.0			
81	70	70	1.0	0.666	0.0	75.4	11.6	76.5	77.4	81		1.0	0.562	0.0	68.0	25.2	69.3	73.7	70		1.0	0.667	0.0	1.0	0.562	0.0	68.0	25.2	69.3	73.7	70		1.0	0.667	0.0			
82	71	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82		1.0	0.571	0.0	68.6	24.1	69.9	73.9	71		1.0	0.683	0.0	1.0	0.572	0.0	68.7	23.9	69.9	73.9	71		1.0	0.683	0.0			
84	72	72	1.0	0.7	0.0	77.8	7.6	79.0	79.3	84		1.0	0.579	0.0	69.2	22.9	70.4	74.1	72		1.0	0.7	0.0	1.0	0.581	0.0	69.4	22.6	70.6	74.1	72		1.0	0.7	0.0			
86	73	73	1.0	0.716	0.0	79.0	5.5	80.1	80.3	86		1.0	0.588	0.0	69.8	21.7	71.0	74.2	73		1.0	0.717	0.0	1.0	0.591	0.0	70.1	21.3	71.2	74.3	73		1.0	0.717	0.0			
87	74	74	1.0	0.733	0.0	80.1	3.3	81.2	81.3	87		1.0	0.596	0.0	70.5	20.5	71.5	74.4	74		1.0	0.733	0.0	1.0	0.6	0.0	70.8	19.9	71.8	74.5	74		1.0	0.733	0.0			
89	75	75	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89		1.0	0.605	0.0	71.1	19.3	72.0	74.6	75		1.0	0.75	0.0	1.0	0.61	0.0	71.4	18.6	72.3	74.7	75		1.0	0.75	0.0			

RE710−71 1−013934−L0 LAB*la0, YN=0%, XYZnw=2.0, 2.1, 2.1, 85.9, 90.9, 95.1, LAB*nw=15.8, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 10/33

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb (RGB)

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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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
89	75	75	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89		1.0	0.605	0.0	71.1	19.3	72.0	74.6	75		1.0	0.75	0.0	1.0	0.61	0.0	71.4	18.6	72.3	74.7	75		1.0	0.75	0.0	
90	76	76	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90		1.0	0.613	0.0	71.7	18.1	72.5	74.7	76		1.0	0.767	0.0	1.0	0.619	0.0	72.1	17.2	72.9	74.9	76		1.0	0.767	0.0	
91	77	77	1.0	0.783	0.0	83.3	−1.8	84.7	84.7	91		1.0	0.622	0.0	72.3	16.9	73.0	74.9	77		1.0	0.783	0.0	1.0	0.629	0.0	72.9	15.9	73.5	75.2	77		1.0	0.783	0.0	
92	78	78	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92		1.0	0.631	0.0	73.0	15.7	73.7	75.3	78		1.0	0.8	0.0	1.0	0.641	0.0	73.7	14.6	74.5	75.9	78		1.0	0.8	0.0	
93	79	80	1.0	0.816	0.0	85.3	−5.0	86.9	87.1	93		1.0	0.642	0.0	73.7	14.5	74.6	76.0	79		1.0	0.817	0.0	1.0	0.653	0.0	74.5	13.2	75.5	76.6	80		1.0	0.817	0.0	
94	80	81	1.0	0.833	0.0	86.2	−6.7	88.0	88.3	94		1.0	0.652	0.0	74.5	13.3	75.4	76.6	80		1.0	0.833	0.0	1.0	0.665	0.0	75.4	11.9	76.4	77.3	81		1.0	0.833	0.0	
95	81	82	1.0	0.85	0.0	87.2	−8.4	89.1	89.5	95		1.0	0.663	0.0	75.2	12.1	76.3	77.2	81		1.0	0.85	0.0	1.0	0.677	0.0	76.2	10.5	77.3	78.0	82		1.0	0.85	0.0	
96	82	83	1.0	0.866	0.0	88.2	−10.1	90.1	90.7	96		1.0	0.674	0.0	76.0	10.8	77.1	77.8	82		1.0	0.867	0.0	1.0	0.689	0.0	77.0	9.0	78.2	78.7	83		1.0	0.867	0.0	
97	83	84	1.0	0.883	0.0	89.0	−11.4	90.9	91.7	97		1.0	0.684	0.0	76.7	9.6	77.9	78.5	83		1.0	0.883	0.0	1.0	0.7	0.0	77.9	7.6	79.0	79.4	84		1.0	0.883	0.0	
97	84	85	1.0	0.9	0.0	89.5	−12.2	91.6	92.4	97		1.0	0.695	0.0	77.5	8.3	78.7	79.1	84		1.0	0.9	0.0	1.0	0.712	0.0	78.7	6.1	79.9	80.1	85		1.0	0.9	0.0	
98	85	86	1.0	0.916	0.0	90.1	−13.1	92.2	93.1	98		1.0	0.705	0.0	78.2	6.9	79.4	79.7	85		1.0	0.917	0.0	1.0	0.724	0.0	79.5	4.6	80.7	80.8	86		1.0	0.917	0.0	
98	86	87	1.0	0.933	0.0	90.6	−14.0	92.8	93.9	98		1.0	0.716	0.0	79.0	5.6	80.1	80.3	86		1.0	0.933	0.0	1.0	0.736	0.0	80.3	3.0	81.4	81.5	87		1.0	0.933	0.0	
99	87	88	1.0	0.95	0.0	91.2	−14.8	93.4	94.6	99		1.0	0.727	0.0	79.7	4.2	80.8	81.0	87		1.0	0.95	0.0	1.0	0.748	0.0	81.2	1.5	82.2	82.2	88		1.0	0.95	0.0	
99	88	90	1.0	0.966	0.0	91.7	−15.7	94.0	95.4	99		1.0	0.737	0.0	80.4	2.8	81.5	81.6	88		1.0	0.967	0.0	1.0	0.764	0.0	82.2	0.0	83.4	83.4	90		1.0	0.967	0.0	
99	89	91	1.0	0.983	0.0	92.3	−16.6	94.6	96.1	99		1.0	0.748	0.0	81.2	1.4	82.2	82.2	89		1.0	0.983	0.0	1.0	0.782	0.0	83.3	−1.7	84.6	84.7	91		1.0	0.983	0.0	
100	90	92	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100	Y_d	1.0	0.763	0.0	82.1	0.0	83.3	83.3	90	Y_s	1.0	1.0	0.0	1.0	0.8	0.0	84.3	−3.4	85.9	85.9	92	Y_e	1.0	1.0	0.0	
101	91	93	0.983	1.0	0.0	91.6	−19.0	93.3	95.2	101		1.0	0.779	0.0	83.1	−1.4	84.4	84.4	91		0.983	1.0	0.0	1.0	0.819	0.0	85.4	−5.2	87.1	87.3	93		0.983	1.0	0.0	
102	92	94	0.966	1.0	0.0	90.4	−20.5	91.3	93.6	102		1.0	0.795	0.0	84.0	−2.9	85.5	85.6	92		0.967	1.0	0.0	1.0	0.838	0.0	86.6	−7.1	88.4	88.7	94		0.967	1.0	0.0	
103	93	95	0.95	1.0	0.0	89.2	−21.9	89.3	92.0	103		1.0	0.811	0.0	85.0	−4.4	86.6	86.7	93		0.95	1.0	0.0	1.0	0.857	0.0	87.7	−9.0	89.5	90.0	95		0.95	1.0	0.0	
104	94	96	0.933	1.0	0.0	88.0	−23.2	87.3	90.4	104		1.0	0.827	0.0	85.9	−6.0	87.7	87.9	94		0.933	1.0	0.0	1.0	0.876	0.0	88.8	−11.0	90.7	91.4	96		0.933	1.0	0.0	
106	95	98	0.916	1.0	0.0	86.8	−24.5	85.3	88.7	106		1.0	0.844	0.0	86.9	−7.7	88.7	89.1	95		0.917	1.0	0.0	1.0	0.918	0.0	90.2	−13.1	92.3	93.2	98		0.917	1.0	0.0	
107	96	99	0.9	1.0	0.0	85.5	−25.7	83.2	87.1	107		1.0	0.86	0.0	87.9	−9.3	89.7	90.2	96		0.9	1.0	0.0	1.0	0.96	0.0	91.5	−15.3	93.8	95.1	99		0.9	1.0	0.0	
108	97	100	0.883	1.0	0.0	84.3	−26.8	81.2	85.5	108		1.0	0.877	0.0	88.8	−11.0	90.7	91.4	97		0.883	1.0	0.0	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100		0.883	1.0	0.0	
109	98	101	0.866	1.0	0.0	83.1	−28.2	79.2	84.1	109		1.0	0.913	0.0	90.0	−12.8	92.1	93.0	98		0.867	1.0	0.0	0.982	1.0	0.0	91.6	−19.1	93.2	95.2	101		0.867	1.0	0.0	
111	99	102	0.85	1.0	0.0	81.9	−29.8	77.3	82.8	111		1.0	0.949	0.0	91.2	−14.7	93.4	94.6	99		0.85	1.0	0.0	0.965	1.0	0.0	90.3	−20.6	91.1	93.5	102		0.85	1.0	0.0	
112	100	103	0.833	1.0	0.0	80.6	−31.4	75.3	81.6	112		1.0	0.985	0.0	92.3	−16.6	94.7	96.2	100		0.833	1.0	0.0	0.948	1.0	0.0	89.0	−22.1	89.1	91.8	103		0.833	1.0	0.0	
114	101	105	0.816	1.0	0.0	79.4	−32.8	73.4	80.4	114		0.992	1.0	0.0	92.2	−18.2	94.3	96.1	101		0.817	1.0	0.0	0.93	1.0	0.0	87.8	−23.4	87.0	90.1	105		0.817	1.0	0.0	
115	102	106	0.8	1.0	0.0	78.1	−34.2	71.4	79.1	115		0.977	1.0	0.0	91.2	−19.6	92.6	94.6	102		0.8	1.0	0.0	0.913	1.0	0.0	86.5	−24.7	84.9	88.4	106		0.8	1.0	0.0	
117	103	107	0.783	1.0	0.0	76.9	−35.5	69.3	77.9	117		0.962	1.0	0.0	90.1	−20.9	90.8	93.2	103		0.783	1.0	0.0	0.896	1.0	0.0	85.3	−25.9	82.7	86.7	107		0.783	1.0	0.0	
118	104	108	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118		0.947	1.0	0.0	89.0	−22.1	89.0	91.7	104		0.767	1.0	0.0	0.878	1.0	0.0	84.0	−27.1	80.6	85.1	108		0.767	1.0	0.0	
120	105	109	0.75	1.0	0.0	74.4	−37.9	65.2	75.5	120		0.932	1.0	0.0	87.9	−23.3	87.2	90.3	105		0.75	1.0	0.0	0.865	1.0	0.0	83.0	−28.3	79.0	84.0	109		0.75	1.0	0.0	
121	106	110	0.733	1.0	0.0	73.4	−39.1	63.8	74.8	121		0.917	1.0	0.0	86.9	−24.4	85.4	88.9	106		0.733	1.0	0.0	0.852	1.0	0.0	82.0	−29.6	77.5	83.0	110		0.733	1.0	0.0	
122	107	112	0.716	1.0	0.0	72.5	−40.3	62.3	74.2	122		0.903	1.0	0.0	85.8	−25.5	83.6	87.4	107		0.717	1.0	0.0	0.839	1.0	0.0	81.1	−30.8	76.0	82.1	112		0.717	1.0	0.0	
124	108	113	0.7	1.0	0.0	71.5	−41.4	60.8	73.6	124		0.888	1.0	0.0	84.7	−26.5	81.8	86.0	108		0.7	1.0	0.0	0.826	1.0	0.0	80.1	−32.0	74.5	81.1	113		0.7	1.0	0.0	
125	109	114	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125		0.873	1.0	0.0	83.7	−27.4	80.0	84.6	109		0.683	1.0	0.0	0.813	1.0	0.0	79.1	−33.1	73.0	80.2	114		0.683	1.0	0.0	
126	110	115	0.666	1.0	0.0	69.6	−43.5	57.8	72.4	126		0.862	1.0	0.0	82.8	−28.6	78.7	83.8	110		0.667	1.0	0.0	0.8	1.0	0.0	78.2	−34.1	71.4	79.2	115		0.667	1.0	0.0	
128	111	116	0.65	1.0	0.0	68.7	−44.5	56.3	71.8	128		0.851	1.0	0.0	82.0	−29.6	77.5	83.0	111		0.65	1.0	0.0	0.787	1.0	0.0	77.2	−35.2	69.9	78.2	116		0.65	1.0	0.0	
129	112	117	0.633	1.0	0.0	67.7	−45.5	54.7	71.2	129		0.84	1.0	0.0	81.2	−30.7	76.2	82.2	112		0.633	1.0	0.0	0.774	1.0	0.0	76.2	−36.1	68.3	77.3	117		0.633	1.0	0.0	
131	113	119	0.616	1.0	0.0	66.9	−46.5	53.5	70.9	131		0.829	1.0	0.0	80.3	−31.7	74.9	81.3	113		0.617	1.0	0.0	0.761	1.0	0.0	75.3	−37.0	66.7	76.3	119		0.617	1.0	0.0	
132	114	120	0.6	1.0	0.0	66.2	−47.6	52.5	70.9	132		0.818	1.0	0.0	79.5	−32.7	73.6	80.5	114		0.6	1.0	0.0	0.748	1.0	0.0	74.3	−37.9	65.2	75.4	120		0.6	1.0	0.0	
133	115	121	0.583	1.0	0.0	65.4	−48.7	51.5	70.9	133		0.807	1.0	0.0	78.7	−33.6	72.2	79.7	115		0.583	1.0	0.0	0.734	1.0	0.0	73.5	−39.0	63.9	74.9	121		0.583	1.0	0.0	
134	116	122	0.566	1.0	0.0	64.7	−49.8	50.5	70.9	134		0.796	1.0	0.0	77.9	−34.5	70.9	78.9	116		0.567	1.0	0.0	0.72	1.0	0.0	72.7	−40.0	62.7	74.4	122		0.567	1.0	0.0	
135	117	123	0.55	1.0	0.0	63.9	−50.8	49.4	70.9	135		0.785	1.0	0.0	77.0	−35.3	69.6	78.1	117		0.55	1.0	0.0	0.706	1.0	0.0	71.9	−41.0	61.4	73.9	123		0.55	1.0	0.0	
136	118	124	0.533	1.0	0.0	63.2	−51.9	48.4	71.0	136		0.774	1.0	0.0	76.2	−36.2	68.2	77.3	118		0.533	1.0	0.0	0.692	1.0	0.0	71.1	−41.9	60.1	73.4	124		0.533	1.0	0.0	
138	119	126	0.516	1.0	0.0	62.5	−52.9	47.3	71.0	138		0.763	1.0	0.0	75.4	−37.0	66.8	76.4	119		0.517	1.0	0.0	0.677	1.0	0.0	70.3	−42.8	58.9	72.8	126		0.517	1.0	0.0	
139	120	127	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139		0.752	1.0	0.0	74.5	−37.7	65.5	75.6	120		0.5	1.0	0.0	0.663	1.0	0.0	69.5	−43.7	57.6	72.3	127		0.5	1.0	0.0	

RE710−71 1−0131034−L0 LAB*la0, YN=0%, XYZnw=2.0, 2.1, 2.1, 85.9, 90.9, 95.1, LAB*nw=15.8, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 11/33

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb*−*LabCh**tables

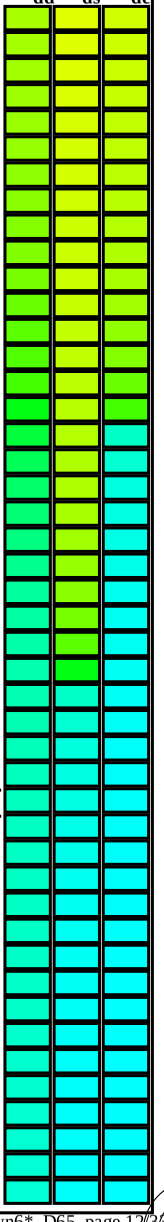
input: *rgb/cmyk* −> *rgb*$_e$
output: transfer to *rgb*$_e$

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb (RGB)

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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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		
139	120	127	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139	0.752	1.0	0.0	74.5	−37.7	65.5	75.6	120	0.5	1.0	0.0	0.663	1.0	0.0	69.5	−43.7	57.6	72.3	127	0.5	1.0	0.0
139	121	128	0.483	1.0	0.0	61.5	−54.2	45.9	71.1	139	0.74	1.0	0.0	73.8	−38.6	64.4	75.1	121	0.483	1.0	0.0	0.649	1.0	0.0	68.7	−44.5	56.2	71.8	128	0.483	1.0	0.0
140	122	129	0.466	1.0	0.0	61.4	−54.6	45.6	71.2	140	0.727	1.0	0.0	73.1	−39.5	63.3	74.7	122	0.467	1.0	0.0	0.635	1.0	0.0	67.9	−45.3	54.9	71.3	129	0.467	1.0	0.0
140	123	130	0.45	1.0	0.0	61.2	−54.9	45.4	71.2	140	0.715	1.0	0.0	72.4	−40.3	62.3	74.2	123	0.45	1.0	0.0	0.62	1.0	0.0	67.1	−46.2	53.7	70.9	130	0.45	1.0	0.0
140	124	131	0.433	1.0	0.0	61.0	−55.3	45.1	71.3	140	0.703	1.0	0.0	71.8	−41.2	61.2	73.8	124	0.433	1.0	0.0	0.604	1.0	0.0	66.4	−47.3	52.8	70.9	131	0.433	1.0	0.0
141	125	133	0.416	1.0	0.0	60.9	−55.6	44.8	71.4	141	0.691	1.0	0.0	71.1	−42.0	60.1	73.3	125	0.417	1.0	0.0	0.588	1.0	0.0	65.7	−48.4	51.8	71.0	133	0.417	1.0	0.0
141	126	134	0.4	1.0	0.0	60.7	−56.0	44.5	71.5	141	0.679	1.0	0.0	70.4	−42.7	59.0	72.9	126	0.4	1.0	0.0	0.571	1.0	0.0	64.9	−49.4	50.8	71.0	134	0.4	1.0	0.0
141	127	135	0.383	1.0	0.0	60.5	−56.3	44.2	71.6	141	0.667	1.0	0.0	69.7	−43.5	57.9	72.4	127	0.383	1.0	0.0	0.555	1.0	0.0	64.2	−50.5	49.8	71.0	135	0.383	1.0	0.0
142	128	136	0.366	1.0	0.0	60.3	−56.6	43.9	71.6	142	0.654	1.0	0.0	69.0	−44.2	56.7	72.0	128	0.367	1.0	0.0	0.539	1.0	0.0	63.5	−51.5	48.8	71.0	136	0.367	1.0	0.0
142	129	137	0.35	1.0	0.0	60.1	−57.0	43.5	71.7	142	0.642	1.0	0.0	68.3	−44.9	55.6	71.5	129	0.35	1.0	0.0	0.523	1.0	0.0	62.8	−52.5	47.7	71.0	137	0.35	1.0	0.0
143	130	138	0.333	1.0	0.0	59.8	−57.3	43.1	71.7	143	0.63	1.0	0.0	67.6	−45.6	54.5	71.1	130	0.333	1.0	0.0	0.507	1.0	0.0	62.1	−53.4	46.7	71.0	138	0.333	1.0	0.0
143	131	140	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143	0.617	1.0	0.0	67.0	−46.4	53.5	70.9	131	0.317	1.0	0.0	0.467	1.0	0.0	61.4	−54.5	45.7	71.2	140	0.317	1.0	0.0
143	132	141	0.3	1.0	0.0	59.3	−58.0	42.3	71.8	143	0.603	1.0	0.0	66.3	−47.4	52.7	70.9	132	0.3	1.0	0.0	0.412	1.0	0.0	60.9	−55.7	44.7	71.5	141	0.3	1.0	0.0
144	133	142	0.283	1.0	0.0	59.1	−58.3	41.9	71.8	144	0.589	1.0	0.0	65.7	−48.3	51.9	71.0	133	0.283	1.0	0.0	0.36	1.0	0.0	60.3	−56.7	43.7	71.7	142	0.283	1.0	0.0
144	134	143	0.266	1.0	0.0	58.9	−58.6	41.5	71.9	144	0.575	1.0	0.0	65.1	−49.2	51.0	71.0	134	0.267	1.0	0.0	0.312	1.0	0.0	59.6	−57.7	42.6	71.8	143	0.267	1.0	0.0
145	135	144	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145	0.561	1.0	0.0	64.5	−50.1	50.2	71.0	135	0.25	1.0	0.0	0.265	1.0	0.0	58.9	−58.6	41.5	71.9	144	0.25	1.0	0.0
145	136	145	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145	0.547	1.0	0.0	63.9	−51.0	49.3	71.0	136	0.233	1.0	0.0	0.0	1.0	0.07	58.2	−59.9	40.6	72.5	145	0.233	1.0	0.0
145	137	147	0.216	1.0	0.0	58.6	−59.1	41.0	72.0	145	0.533	1.0	0.0	63.2	−51.8	48.4	71.0	137	0.217	1.0	0.0	0.0	1.0	0.226	57.7	−60.5	39.2	72.2	147	0.217	1.0	0.0
145	138	148	0.2	1.0	0.0	58.5	−59.2	41.0	72.0	145	0.519	1.0	0.0	62.6	−52.7	47.5	71.0	138	0.2	1.0	0.0	0.0	1.0	0.343	57.3	−61.2	38.0	72.1	148	0.2	1.0	0.0
145	139	149	0.183	1.0	0.0	58.5	−59.3	40.9	72.0	145	0.505	1.0	0.0	62.0	−53.5	46.6	71.0	139	0.183	1.0	0.0	0.0	1.0	0.409	57.2	−61.3	36.3	71.3	149	0.183	1.0	0.0
145	140	150	0.166	1.0	0.0	58.5	−59.3	40.9	72.1	145	0.471	1.0	0.0	61.5	−54.4	45.8	71.2	140	0.167	1.0	0.0	0.0	1.0	0.455	57.2	−61.0	34.4	70.1	150	0.167	1.0	0.0
145	141	151	0.15	1.0	0.0	58.5	−59.4	40.9	72.1	145	0.424	1.0	0.0	61.0	−55.4	45.0	71.4	141	0.15	1.0	0.0	0.0	1.0	0.502	57.1	−60.6	32.6	68.9	151	0.15	1.0	0.0
145	142	152	0.133	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.377	1.0	0.0	60.5	−56.4	44.1	71.7	142	0.133	1.0	0.0	0.0	1.0	0.558	57.2	−60.1	30.8	67.6	152	0.133	1.0	0.0
145	143	154	0.116	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.336	1.0	0.0	59.9	−57.2	43.2	71.8	143	0.117	1.0	0.0	0.0	1.0	0.614	57.3	−59.5	29.0	66.2	154	0.117	1.0	0.0
145	144	155	0.1	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.296	1.0	0.0	59.3	−58.0	42.2	71.8	144	0.1	1.0	0.0	0.0	1.0	0.641	57.5	−58.9	27.2	64.9	155	0.1	1.0	0.0
145	145	156	0.083	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.255	1.0	0.0	58.7	−58.8	41.3	71.9	145	0.083	1.0	0.0	0.0	1.0	0.661	57.6	−58.3	25.5	63.7	156	0.083	1.0	0.0
145	146	157	0.066	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.0	1.0	0.087	58.1	−60.1	40.6	72.6	146	0.067	1.0	0.0	0.0	1.0	0.682	57.8	−57.6	23.8	62.4	157	0.067	1.0	0.0
145	147	158	0.049	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.0	1.0	0.217	57.7	−60.5	39.3	72.2	147	0.05	1.0	0.0	0.0	1.0	0.702	58.0	−56.9	22.2	61.2	158	0.05	1.0	0.0
145	148	159	0.033	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.0	1.0	0.32	57.4	−61.0	38.2	72.1	148	0.033	1.0	0.0	0.0	1.0	0.722	58.2	−56.2	20.6	59.9	159	0.033	1.0	0.0
145	149	161	0.016	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.0	1.0	0.392	57.2	−61.4	36.9	71.7	149	0.017	1.0	0.0	0.0	1.0	0.742	58.4	−55.4	19.0	58.6	161	0.017	1.0	0.0
145	150	162	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145	G_d 0.0	1.0	0.432	57.2	−61.1	35.3	70.7	150	G_s 0.0	1.0	0.0	0.0	1.0	0.755	58.5	−54.9	17.6	57.7	162	G_e 0.0	1.0	0.0
145	151	163	0.0	1.0	0.016	58.4	−59.6	40.8	72.2	145	0.0	1.0	0.473	57.2	−60.8	33.8	69.7	151	0.0	1.0	0.017	0.0	1.0	0.761	58.6	−54.6	16.6	57.1	163	0.0	1.0	0.017
145	152	164	0.0	1.0	0.033	58.3	−59.7	40.7	72.3	145	0.0	1.0	0.515	57.2	−60.5	32.2	68.6	152	0.0	1.0	0.033	0.0	1.0	0.767	58.6	−54.3	15.6	56.6	164	0.0	1.0	0.033
145	153	164	0.0	1.0	0.05	58.2	−59.9	40.7	72.4	145	0.0	1.0	0.563	57.2	−60.0	30.6	67.5	153	0.0	1.0	0.05	0.0	1.0	0.773	58.7	−54.0	14.5	56.0	164	0.0	1.0	0.05
145	154	165	0.0	1.0	0.066	58.2	−60.0	40.6	72.4	145	0.0	1.0	0.611	57.3	−59.5	29.1	66.3	154	0.0	1.0	0.067	0.0	1.0	0.779	58.8	−53.7	13.5	55.5	165	0.0	1.0	0.067
145	155	166	0.0	1.0	0.083	58.1	−60.1	40.5	72.5	145	0.0	1.0	0.637	57.4	−59.0	27.6	65.2	155	0.0	1.0	0.083	0.0	1.0	0.785	58.8	−53.3	12.5	54.9	166	0.0	1.0	0.083
146	156	167	0.0	1.0	0.1	58.0	−60.2	40.5	72.6	146	0.0	1.0	0.655	57.6	−58.5	26.1	64.1	156	0.0	1.0	0.1	0.0	1.0	0.791	58.9	−53.0	11.6	54.3	167	0.0	1.0	0.1
146	157	168	0.0	1.0	0.116	58.0	−60.3	40.4	72.6	146	0.0	1.0	0.672	57.7	−57.9	24.6	63.0	157	0.0	1.0	0.117	0.0	1.0	0.797	59.0	−52.6	10.6	53.8	168	0.0	1.0	0.117
146	158	169	0.0	1.0	0.133	57.9	−60.4	40.3	72.6	146	0.0	1.0	0.689	57.9	−57.3	23.2	62.0	158	0.0	1.0	0.133	0.0	1.0	0.803	59.1	−52.2	9.7	53.2	169	0.0	1.0	0.133
146	159	170	0.0	1.0	0.15	57.9	−60.4	40.1	72.5	146	0.0	1.0	0.706	58.0	−56.7	21.8	60.9	159	0.0	1.0	0.15	0.0	1.0	0.809	59.1	−51.8	8.7	52.7	170	0.0	1.0	0.15
146	160	171	0.0	1.0	0.166	57.8	−60.4	39.9	72.4	146	0.0	1.0	0.724	58.2	−56.1	20.4	59.8	160	0.0	1.0	0.167	0.0	1.0	0.815	59.2	−51.4	7.8	52.1	171	0.0	1.0	0.167
146	161	172	0.0	1.0	0.183	57.8	−60.5	39.7	72.4	146	0.0	1.0	0.741	58.3	−55.4	19.1	58.7	161	0.0	1.0	0.183	0.0	1.0	0.821	59.3	−51.0	6.9	51.5	172	0.0	1.0	0.183
146	162	173	0.0	1.0	0.2	57.7	−60.5	39.5	72.3	146	0.0	1.0	0.753	58.5	−54.9	17.9	57.8	162	0.0	1.0	0.2	0.0	1.0	0.827	59.3	−50.5	6.1	51.0	173	0.0	1.0	0.2
146	163	174	0.0	1.0	0.216	57.7	−60.5	39.3	72.2	146	0.0	1.0	0.76	58.5	−54.6	16.7	57.2	163	0.0	1.0	0.217	0.0	1.0	0.833	59.4	−50.0	5.2	50.4	174	0.0	1.0	0.217
147	164	175	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147	0.0	1.0	0.766	58.6	−54.3	15.6	56.6	164	0.0	1.0	0.233	0.0	1.0	0.839	59.5	−49.6	4.3	49.8	175	0.0	1.0	0.233
147	165	175	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147	0.0	1.0	0.773	58.7	−54.0	14.5	56.0	165	0.0	1.0	0.25	0.0	1.0	0.845	59.6	−49.1	3.5	49.3	175	0.0	1.0	0.25



RE710−71 1−0131134−L0 LAB*la0, YN=0%, XYZnw=2.0, 2.1, 2.1, 85.9, 90.9, 95.1, LAB*nw=15.8, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 12/33

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb (RGB)

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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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
147	165	175	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147	0.0	1.0	0.773	58.7	−54.0	14.5	56.0	165	0.0	1.0	0.25	0.0	1.0	0.845	59.6	−49.1	3.5	49.3	175	0.0	1.0	0.25			
147	166	176	0.0	1.0	0.266	57.5	−60.7	38.7	72.0	147	0.0	1.0	0.779	58.8	−53.6	13.4	55.4	166	0.0	1.0	0.267	0.0	1.0	0.851	59.6	−48.5	2.7	48.7	176	0.0	1.0	0.267			
147	167	177	0.0	1.0	0.283	57.5	−60.8	38.5	72.0	147	0.0	1.0	0.786	58.9	−53.3	12.3	54.8	167	0.0	1.0	0.283	0.0	1.0	0.857	59.7	−48.0	1.9	48.2	177	0.0	1.0	0.283			
147	168	178	0.0	1.0	0.3	57.4	−60.9	38.4	72.0	147	0.0	1.0	0.793	58.9	−52.9	11.3	54.2	168	0.0	1.0	0.3	0.0	1.0	0.863	59.8	−47.5	1.1	47.6	178	0.0	1.0	0.3			
147	169	179	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147	0.0	1.0	0.799	59.0	−52.5	10.2	53.5	169	0.0	1.0	0.317	0.0	1.0	0.869	59.9	−46.9	0.4	47.0	179	0.0	1.0	0.317			
148	170	180	0.0	1.0	0.333	57.3	−61.2	38.0	72.1	148	0.0	1.0	0.806	59.1	−52.0	9.2	52.9	170	0.0	1.0	0.333	0.0	1.0	0.875	59.9	−46.4	−0.3	46.5	180	0.0	1.0	0.333			
148	171	181	0.0	1.0	0.35	57.3	−61.3	37.8	72.1	148	0.0	1.0	0.812	59.2	−51.6	8.2	52.3	171	0.0	1.0	0.35	0.0	1.0	0.879	59.8	−46.3	−1.0	46.4	181	0.0	1.0	0.35			
148	172	182	0.0	1.0	0.366	57.2	−61.4	37.7	72.1	148	0.0	1.0	0.819	59.3	−51.1	7.2	51.7	172	0.0	1.0	0.367	0.0	1.0	0.883	59.8	−46.3	−1.8	46.4	182	0.0	1.0	0.367			
148	173	183	0.0	1.0	0.383	57.2	−61.5	37.2	71.9	148	0.0	1.0	0.825	59.3	−50.6	6.2	51.1	173	0.0	1.0	0.383	0.0	1.0	0.887	59.7	−46.2	−2.5	46.4	183	0.0	1.0	0.383			
149	174	184	0.0	1.0	0.4	57.2	−61.4	36.6	71.5	149	0.0	1.0	0.832	59.4	−50.1	5.3	50.5	174	0.0	1.0	0.4	0.0	1.0	0.891	59.6	−46.2	−3.2	46.4	184	0.0	1.0	0.4			
149	175	185	0.0	1.0	0.416	57.2	−61.3	35.9	71.0	149	0.0	1.0	0.839	59.5	−49.6	4.3	49.8	175	0.0	1.0	0.417	0.0	1.0	0.895	59.5	−46.1	−4.0	46.4	185	0.0	1.0	0.417			
150	176	185	0.0	1.0	0.433	57.2	−61.2	35.3	70.6	150	0.0	1.0	0.845	59.6	−49.0	3.4	49.2	176	0.0	1.0	0.433	0.0	1.0	0.899	59.4	−46.0	−4.7	46.4	185	0.0	1.0	0.433			
150	177	186	0.0	1.0	0.45	57.1	−61.1	34.6	70.2	150	0.0	1.0	0.852	59.6	−48.4	2.5	48.6	177	0.0	1.0	0.45	0.0	1.0	0.903	59.3	−45.9	−5.4	46.4	186	0.0	1.0	0.45			
150	178	187	0.0	1.0	0.466	57.1	−60.9	34.0	69.8	150	0.0	1.0	0.858	59.7	−47.9	1.7	48.0	178	0.0	1.0	0.467	0.0	1.0	0.908	59.2	−45.8	−6.2	46.3	187	0.0	1.0	0.467			
151	179	188	0.0	1.0	0.483	57.1	−60.8	33.3	69.4	151	0.0	1.0	0.865	59.8	−47.3	0.8	47.4	179	0.0	1.0	0.483	0.0	1.0	0.912	59.1	−45.7	−6.9	46.3	188	0.0	1.0	0.483			
151	180	189	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151	0.0	1.0	0.871	59.9	−46.7	0.0	46.8	180	0.0	1.0	0.5	0.0	1.0	0.916	59.0	−45.6	−7.6	46.3	189	0.0	1.0	0.5			
152	181	190	0.0	1.0	0.516	57.1	−60.5	32.1	68.5	152	0.0	1.0	0.877	59.9	−46.3	−0.7	46.4	181	0.0	1.0	0.517	0.0	1.0	0.92	58.9	−45.4	−8.4	46.3	190	0.0	1.0	0.517			
152	182	191	0.0	1.0	0.533	57.1	−60.4	31.6	68.1	152	0.0	1.0	0.882	59.8	−46.3	−1.5	46.4	182	0.0	1.0	0.533	0.0	1.0	0.924	58.8	−45.3	−9.1	46.3	191	0.0	1.0	0.533			
152	183	192	0.0	1.0	0.55	57.2	−60.2	31.0	67.7	152	0.0	1.0	0.886	59.7	−46.2	−2.3	46.4	183	0.0	1.0	0.55	0.0	1.0	0.928	58.7	−45.1	−9.8	46.3	192	0.0	1.0	0.55			
153	184	193	0.0	1.0	0.566	57.2	−60.0	30.5	67.3	153	0.0	1.0	0.891	59.6	−46.2	−3.1	46.4	184	0.0	1.0	0.567	0.0	1.0	0.932	58.6	−44.9	−10.5	46.3	193	0.0	1.0	0.567			
153	185	194	0.0	1.0	0.583	57.2	−59.8	29.9	66.9	153	0.0	1.0	0.895	59.5	−46.1	−3.9	46.4	185	0.0	1.0	0.583	0.0	1.0	0.936	58.5	−44.8	−11.2	46.3	194	0.0	1.0	0.583			
153	186	195	0.0	1.0	0.6	57.2	−59.7	29.4	66.5	153	0.0	1.0	0.9	59.4	−46.0	−4.7	46.4	186	0.0	1.0	0.6	0.0	1.0	0.94	58.4	−44.6	−11.9	46.3	195	0.0	1.0	0.6			
154	187	195	0.0	1.0	0.616	57.3	−59.5	28.8	66.1	154	0.0	1.0	0.904	59.3	−45.9	−5.5	46.3	187	0.0	1.0	0.617	0.0	1.0	0.944	58.4	−44.4	−12.6	46.2	195	0.0	1.0	0.617			
154	188	196	0.0	1.0	0.633	57.3	−59.2	27.8	65.4	154	0.0	1.0	0.909	59.2	−45.8	−6.3	46.3	188	0.0	1.0	0.633	0.0	1.0	0.949	58.3	−44.1	−13.3	46.2	196	0.0	1.0	0.633			
155	189	197	0.0	1.0	0.65	57.5	−58.7	26.4	64.4	155	0.0	1.0	0.913	59.1	−45.7	−7.1	46.3	189	0.0	1.0	0.65	0.0	1.0	0.953	58.2	−43.9	−14.0	46.2	197	0.0	1.0	0.65			
156	190	198	0.0	1.0	0.666	57.6	−58.1	25.0	63.3	156	0.0	1.0	0.918	59.0	−45.5	−7.9	46.3	190	0.0	1.0	0.667	0.0	1.0	0.957	58.1	−43.7	−14.7	46.2	198	0.0	1.0	0.667			
157	191	199	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157	0.0	1.0	0.922	58.9	−45.4	−8.7	46.3	191	0.0	1.0	0.683	0.0	1.0	0.961	58.0	−43.4	−15.4	46.2	199	0.0	1.0	0.683			
158	192	200	0.0	1.0	0.7	57.9	−57.0	22.3	61.2	158	0.0	1.0	0.926	58.8	−45.2	−9.5	46.3	192	0.0	1.0	0.7	0.0	1.0	0.965	57.9	−43.2	−16.1	46.2	200	0.0	1.0	0.7			
159	193	201	0.0	1.0	0.716	58.1	−56.4	21.0	60.2	159	0.0	1.0	0.931	58.7	−45.0	−10.3	46.3	193	0.0	1.0	0.717	0.0	1.0	0.969	57.8	−42.9	−16.8	46.2	201	0.0	1.0	0.717			
160	194	202	0.0	1.0	0.733	58.2	−55.8	19.7	59.1	160	0.0	1.0	0.935	58.6	−44.8	−11.1	46.3	194	0.0	1.0	0.733	0.0	1.0	0.973	57.7	−42.6	−17.5	46.2	202	0.0	1.0	0.733			
161	195	203	0.0	1.0	0.75	58.4	−55.1	18.4	58.1	161	0.0	1.0	0.94	58.5	−44.6	−11.9	46.3	195	0.0	1.0	0.75	0.0	1.0	0.977	57.6	−42.3	−18.2	46.2	203	0.0	1.0	0.75			
164	196	204	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164	0.0	1.0	0.944	58.4	−44.4	−12.6	46.2	196	0.0	1.0	0.767	0.0	1.0	0.981	57.5	−42.0	−18.8	46.2	204	0.0	1.0	0.767			
166	197	205	0.0	1.0	0.783	58.8	−53.5	12.7	55.0	166	0.0	1.0	0.949	58.3	−44.1	−13.4	46.2	197	0.0	1.0	0.783	0.0	1.0	0.985	57.4	−41.7	−19.5	46.1	205	0.0	1.0	0.783			
169	198	206	0.0	1.0	0.8	59.0	−52.4	10.0	53.4	169	0.0	1.0	0.953	58.2	−43.9	−14.2	46.2	198	0.0	1.0	0.8	0.0	1.0	0.99	57.3	−41.4	−20.1	46.1	206	0.0	1.0	0.8			
171	199	206	0.0	1.0	0.816	59.2	−51.3	7.5	51.8	171	0.0	1.0	0.958	58.0	−43.6	−14.9	46.2	199	0.0	1.0	0.817	0.0	1.0	0.994	57.2	−41.0	−20.8	46.1	206	0.0	1.0	0.817			
174	200	207	0.0	1.0	0.833	59.4	−50.0	5.0	50.3	174	0.0	1.0	0.962	57.9	−43.3	−15.7	46.2	200	0.0	1.0	0.833	0.0	1.0	0.998	57.1	−40.7	−21.4	46.1	207	0.0	1.0	0.833			
176	201	208	0.0	1.0	0.85	59.6	−48.6	2.7	48.7	176	0.0	1.0	0.967	57.8	−43.0	−16.5	46.2	201	0.0	1.0	0.85	0.0	0.997	1.0	57.0	−40.4	−22.1	46.2	208	0.0	1.0	0.85			
179	202	209	0.0	1.0	0.866	59.8	−47.1	0.5	47.2	179	0.0	1.0	0.971	57.7	−42.7	−17.2	46.2	202	0.0	1.0	0.867	0.0	0.991	1.0	56.8	−40.3	−22.9	46.5	209	0.0	1.0	0.867			
182	203	210	0.0	1.0	0.883	59.7	−46.3	−1.9	46.4	182	0.0	1.0	0.976	57.6	−42.4	−17.9	46.2	203	0.0	1.0	0.883	0.0	0.985	1.0	56.6	−40.1	−23.7	46.8	210	0.0	1.0	0.883			
186	204	211	0.0	1.0	0.9	59.3	−46.0	−4.9	46.3	186	0.0	1.0	0.98	57.5	−42.1	−18.7	46.2	204	0.0	1.0	0.9	0.0	0.978	1.0	56.4	−40.0	−24.5	47.0	211	0.0	1.0	0.9			
189	205	212	0.0	1.0	0.916	58.9	−45.6	−7.8	46.3	189	0.0	1.0	0.985	57.4	−41.7	−19.4	46.1	205	0.0	1.0	0.917	0.0	0.972	1.0	56.3	−39.8	−25.2	47.3	212	0.0	1.0	0.917			
193	206	213	0.0	1.0	0.933	58.6	−44.9	−10.8	46.2	193	0.0	1.0	0.989	57.3	−41.4	−20.1	46.1	206	0.0	1.0	0.933	0.0	0.966	1.0	56.1	−39.6	−26.0	47.5	213	0.0	1.0	0.933			
197	207	214	0.0	1.0	0.95	58.2	−44.1	−13.6	46.2	197	0.0	1.0	0.994	57.2	−41.0	−20.8	46.1	207	0.0	1.0	0.95	0.0	0.96	1.0	55.9	−39.4	−26.8	47.8	214	0.0	1.0	0.95			
200	208	215	0.0	1.0	0.966	57.8	−43.1	−16.5	46.1	200	0.0	1.0	0.998	57.1	−40.6	−21.5	46.1	208	0.0	1.0	0.967	0.0	0.954	1.0	55.7	−39.2	−27.6	48.1	215	0.0	1.0	0.967			
204	209	216	0.0	1.0	0.983	57.4	−41.9	−19.2	46.1	204	0.0	0.996	1.0	57.0	−40.4	−22.3	46.3	209	0.0	1.0	0.983	0.0	0.947	1.0	55.5	−39.0	−28.3	48.3	216	0.0	1.0	0.983			
208	210	216	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208	C_d	0.0	0.989	1.0	56.8	−40.2	−23.2	46.6	210	C_s	0.0	1.0	1.0	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216	C_e	0.0	1.0	1.0			

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb*−*LabCh**tables

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

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)
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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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
208	210	216	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208 C_d	0.0	0.989	1.0	56.8	−40.2	−23.2	46.6	210 C_s	0.0	1.0	1.0	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216 C_e	0.0	1.0	1.0	
210	211	217	0.0	0.983	1.0	56.5	−40.2	−23.9	46.8	210	0.0	0.982	1.0	56.6	−40.1	−24.0	46.9	211	0.0	0.983	1.0	0.0	0.935	1.0	55.1	−38.4	−29.9	48.8	217	0.0	0.983	1.0	
213	212	218	0.0	0.966	1.0	56.0	−39.7	−26.0	47.5	213	0.0	0.975	1.0	56.3	−39.9	−24.9	47.2	212	0.0	0.967	1.0	0.0	0.929	1.0	54.9	−38.2	−30.7	49.1	218	0.0	0.967	1.0	
215	213	219	0.0	0.95	1.0	55.5	−39.1	−28.1	48.2	215	0.0	0.968	1.0	56.1	−39.7	−25.7	47.4	213	0.0	0.95	1.0	0.0	0.923	1.0	54.8	−37.9	−31.4	49.4	219	0.0	0.95	1.0	
218	214	220	0.0	0.933	1.0	55.0	−38.4	−30.2	48.9	218	0.0	0.962	1.0	55.9	−39.5	−26.6	47.7	214	0.0	0.933	1.0	0.0	0.916	1.0	54.6	−37.6	−32.2	49.6	220	0.0	0.933	1.0	
220	215	221	0.0	0.916	1.0	54.5	−37.6	−32.2	49.6	220	0.0	0.955	1.0	55.7	−39.2	−27.4	48.0	215	0.0	0.917	1.0	0.0	0.91	1.0	54.4	−37.2	−33.0	49.9	221	0.0	0.917	1.0	
223	216	222	0.0	0.9	1.0	54.0	−36.7	−34.3	50.3	223	0.0	0.948	1.0	55.5	−39.0	−28.3	48.3	216	0.0	0.9	1.0	0.0	0.904	1.0	54.2	−36.9	−33.7	50.1	222	0.0	0.9	1.0	
225	217	223	0.0	0.883	1.0	53.5	−35.7	−36.3	51.0	225	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	217	0.0	0.883	1.0	0.0	0.898	1.0	54.0	−36.5	−34.5	50.4	223	0.0	0.883	1.0	
227	218	224	0.0	0.866	1.0	53.2	−34.6	−38.3	51.6	227	0.0	0.934	1.0	55.1	−38.4	−30.0	48.9	218	0.0	0.867	1.0	0.0	0.892	1.0	53.8	−36.2	−35.3	50.7	224	0.0	0.867	1.0	
230	219	225	0.0	0.85	1.0	53.1	−33.5	−40.1	52.2	230	0.0	0.928	1.0	54.9	−38.1	−30.8	49.2	219	0.0	0.85	1.0	0.0	0.885	1.0	53.6	−35.8	−36.0	50.9	225	0.0	0.85	1.0	
232	220	226	0.0	0.833	1.0	53.1	−32.3	−41.9	52.9	232	0.0	0.921	1.0	54.7	−37.8	−31.7	49.4	220	0.0	0.833	1.0	0.0	0.879	1.0	53.4	−35.4	−36.8	51.2	226	0.0	0.833	1.0	
234	221	227	0.0	0.816	1.0	53.0	−31.0	−43.6	53.5	234	0.0	0.914	1.0	54.5	−37.4	−32.5	49.7	221	0.0	0.817	1.0	0.0	0.873	1.0	53.3	−35.0	−37.5	51.4	227	0.0	0.817	1.0	
236	222	227	0.0	0.8	1.0	52.9	−29.6	−45.3	54.1	236	0.0	0.907	1.0	54.3	−37.1	−33.4	50.0	222	0.0	0.8	1.0	0.0	0.866	1.0	53.3	−34.5	−38.3	51.7	227	0.0	0.8	1.0	
239	223	228	0.0	0.783	1.0	52.8	−28.1	−47.0	54.7	239	0.0	0.9	1.0	54.1	−36.7	−34.2	50.3	223	0.0	0.783	1.0	0.0	0.859	1.0	53.2	−34.1	−39.0	51.9	228	0.0	0.783	1.0	
241	224	229	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241	0.0	0.894	1.0	53.9	−36.3	−35.0	50.6	224	0.0	0.767	1.0	0.0	0.853	1.0	53.2	−33.6	−39.7	52.2	229	0.0	0.767	1.0	
243	225	230	0.0	0.75	1.0	52.6	−24.9	−50.1	56.0	243	0.0	0.887	1.0	53.7	−35.9	−35.9	50.9	225	0.0	0.75	1.0	0.0	0.846	1.0	53.2	−33.1	−40.5	52.5	230	0.0	0.75	1.0	
244	226	231	0.0	0.733	1.0	52.2	−24.1	−50.2	55.7	244	0.0	0.88	1.0	53.5	−35.4	−36.7	51.2	226	0.0	0.733	1.0	0.0	0.839	1.0	53.1	−32.7	−41.2	52.7	231	0.0	0.733	1.0	
245	227	232	0.0	0.716	1.0	51.8	−23.4	−50.2	55.4	245	0.0	0.873	1.0	53.3	−35.0	−37.5	51.4	227	0.0	0.717	1.0	0.0	0.832	1.0	53.1	−32.1	−41.9	53.0	232	0.0	0.717	1.0	
245	228	233	0.0	0.7	1.0	51.3	−22.6	−50.3	55.1	245	0.0	0.866	1.0	53.3	−34.5	−38.3	51.7	228	0.0	0.7	1.0	0.0	0.826	1.0	53.1	−31.6	−42.6	53.2	233	0.0	0.7	1.0	
246	229	234	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246	0.0	0.858	1.0	53.2	−34.0	−39.1	52.0	229	0.0	0.683	1.0	0.0	0.819	1.0	53.0	−31.1	−43.3	53.5	234	0.0	0.683	1.0	
247	230	235	0.0	0.666	1.0	50.4	−21.1	−50.3	54.6	247	0.0	0.851	1.0	53.2	−33.5	−39.9	52.3	230	0.0	0.667	1.0	0.0	0.812	1.0	53.0	−30.5	−44.0	53.7	235	0.0	0.667	1.0	
247	231	236	0.0	0.65	1.0	50.0	−20.4	−50.3	54.3	247	0.0	0.843	1.0	53.2	−33.0	−40.7	52.5	231	0.0	0.65	1.0	0.0	0.805	1.0	53.0	−30.0	−44.7	54.0	236	0.0	0.65	1.0	
248	232	237	0.0	0.633	1.0	49.6	−19.6	−50.3	54.0	248	0.0	0.836	1.0	53.1	−32.4	−41.5	52.8	232	0.0	0.633	1.0	0.0	0.798	1.0	52.9	−29.4	−45.4	54.2	237	0.0	0.633	1.0	
249	233	237	0.0	0.616	1.0	49.2	−19.0	−50.2	53.7	249	0.0	0.829	1.0	53.1	−31.9	−42.3	53.1	233	0.0	0.617	1.0	0.0	0.792	1.0	52.9	−28.8	−46.1	54.5	237	0.0	0.617	1.0	
249	234	238	0.0	0.6	1.0	48.9	−18.3	−50.2	53.5	249	0.0	0.821	1.0	53.0	−31.3	−43.1	53.4	234	0.0	0.6	1.0	0.0	0.785	1.0	52.9	−28.2	−46.8	54.7	238	0.0	0.6	1.0	
250	235	239	0.0	0.583	1.0	48.6	−17.7	−50.2	53.3	250	0.0	0.814	1.0	53.0	−30.7	−43.9	53.7	235	0.0	0.583	1.0	0.0	0.778	1.0	52.8	−27.6	−47.4	55.0	239	0.0	0.583	1.0	
251	236	240	0.0	0.566	1.0	48.3	−17.1	−50.2	53.0	251	0.0	0.806	1.0	53.0	−30.1	−44.6	53.9	236	0.0	0.567	1.0	0.0	0.771	1.0	52.8	−26.9	−48.1	55.2	240	0.0	0.567	1.0	
251	237	241	0.0	0.55	1.0	48.0	−16.5	−50.2	52.8	251	0.0	0.799	1.0	52.9	−29.4	−45.4	54.2	237	0.0	0.55	1.0	0.0	0.765	1.0	52.8	−26.3	−48.7	55.5	241	0.0	0.55	1.0	
252	238	242	0.0	0.533	1.0	47.7	−15.8	−50.1	52.6	252	0.0	0.791	1.0	52.9	−28.8	−46.1	54.5	238	0.0	0.533	1.0	0.0	0.758	1.0	52.7	−25.6	−49.4	55.7	242	0.0	0.533	1.0	
253	239	243	0.0	0.516	1.0	47.4	−15.2	−50.1	52.3	253	0.0	0.784	1.0	52.9	−28.1	−46.8	54.8	239	0.0	0.517	1.0	0.0	0.751	1.0	52.7	−24.9	−50.0	56.0	243	0.0	0.517	1.0	
253	240	244	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253	0.0	0.777	1.0	52.8	−27.4	−47.6	55.0	240	0.0	0.5	1.0	0.0	0.732	1.0	52.2	−24.0	−50.1	55.7	244	0.0	0.5	1.0	
254	241	245	0.0	0.483	1.0	46.8	−14.2	−50.0	52.0	254	0.0	0.769	1.0	52.8	−26.7	−48.3	55.3	241	0.0	0.483	1.0	0.0	0.711	1.0	51.7	−23.1	−50.2	55.4	245	0.0	0.483	1.0	
254	242	246	0.0	0.466	1.0	46.6	−13.8	−49.9	51.8	254	0.0	0.762	1.0	52.7	−26.0	−49.0	55.6	242	0.0	0.467	1.0	0.0	0.69	1.0	51.1	−22.1	−50.2	55.0	246	0.0	0.467	1.0	
254	243	247	0.0	0.45	1.0	46.4	−13.3	−49.9	51.7	254	0.0	0.754	1.0	52.7	−25.3	−49.7	55.9	243	0.0	0.45	1.0	0.0	0.669	1.0	50.5	−21.2	−50.2	54.6	247	0.0	0.45	1.0	
255	244	248	0.0	0.433	1.0	46.1	−12.9	−49.9	51.5	255	0.0	0.741	1.0	52.4	−24.4	−50.1	55.9	244	0.0	0.433	1.0	0.0	0.647	1.0	50.0	−20.2	−50.2	54.3	248	0.0	0.433	1.0	
255	245	248	0.0	0.416	1.0	45.9	−12.5	−49.8	51.4	255	0.0	0.717	1.0	51.8	−23.3	−50.2	55.5	245	0.0	0.417	1.0	0.0	0.626	1.0	49.4	−19.3	−50.2	53.9	248	0.0	0.417	1.0	
256	246	249	0.0	0.4	1.0	45.6	−12.1	−49.8	51.2	256	0.0	0.694	1.0	51.2	−22.3	−50.2	55.1	246	0.0	0.4	1.0	0.0	0.602	1.0	49.0	−18.4	−50.2	53.6	249	0.0	0.4	1.0	
256	247	250	0.0	0.383	1.0	45.4	−11.6	−49.7	51.1	256	0.0	0.671	1.0	50.6	−21.3	−50.2	54.7	247	0.0	0.383	1.0	0.0	0.578	1.0	48.6	−17.5	−50.2	53.2	250	0.0	0.383	1.0	
257	248	251	0.0	0.366	1.0	45.1	−11.2	−49.7	50.9	257	0.0	0.648	1.0	50.0	−20.2	−50.2	54.3	248	0.0	0.367	1.0	0.0	0.553	1.0	48.1	−16.5	−50.1	52.9	251	0.0	0.367	1.0	
257	249	252	0.0	0.35	1.0	44.8	−10.7	−49.7	50.8	257	0.0	0.624	1.0	49.4	−19.2	−50.2	53.9	249	0.0	0.35	1.0	0.0	0.529	1.0	47.7	−15.6	−50.0	52.6	252	0.0	0.35	1.0	
258	250	253	0.0	0.333	1.0	44.5	−10.2	−49.7	50.8	258	0.0	0.598	1.0	48.9	−18.2	−50.2	53.5	250	0.0	0.333	1.0	0.0	0.505	1.0	47.2	−14.7	−50.0	52.2	253	0.0	0.333	1.0	
258	251	254	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258	0.0	0.571	1.0	48.4	−17.2	−50.1	53.1	251	0.0	0.317	1.0	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254	0.0	0.317	1.0	
259	252	255	0.0	0.3	1.0	43.9	−9.1	−49.7	50.6	259	0.0	0.544	1.0	47.9	−16.2	−50.1	52.8	252	0.0	0.3	1.0	0.0	0.438	1.0	46.2	−13.0	−49.8	51.6	255	0.0	0.3	1.0	
260	253	256	0.0	0.283	1.0	43.5	−8.6	−49.7	50.5	260	0.0	0.518	1.0	47.5	−15.2	−50.0	52.4	253	0.0	0.283	1.0	0.0	0.404	1.0	45.7	−12.1	−49.7	51.3	256	0.0	0.283	1.0	
260	254	257	0.0	0.266	1.0	43.2	−8.1	−49.7	50.4	260	0.0	0.487	1.0	47.0	−14.2	−49.9	52.0	254	0.0	0.267	1.0	0.0	0.371	1.0	45.2	−11.3	−49.6	51.0	257	0.0	0.267	1.0	
261	255	258	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261	0.0	0.45	1.0	46.4	−13.3	−49.8	51.7	255	0.0	0.25	1.0	0.0	0.344	1.0	44.7	−10.4	−49.7	50.9	258	0.0	0.25	1.0	

RE710−71 1−0131334−L0 LAB*la0, YN=0%, XYZnw=2.0, 2.1, 2.1, 85.9, 90.9, 95.1, LAB*nw=15.8, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 14/33

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb−LabCh**tables

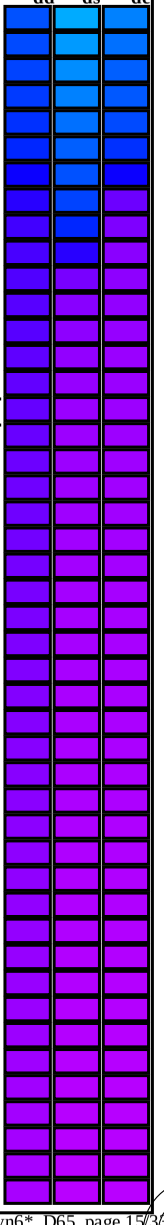
input: *rgb/cmyk* −> *rgb*$_e$
output: transfer to *rgb*$_e$

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)
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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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
261	255	258	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261	0.0	0.45	1.0	46.4	−13.3	−49.8	51.7	255	0.0	0.25	1.0	0.0	0.344	1.0	44.7	−10.4	−49.7	50.9	258	0.0	0.25	1.0	
261	256	258	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261	0.0	0.412	1.0	45.9	−12.3	−49.7	51.4	256	0.0	0.233	1.0	0.0	0.317	1.0	44.2	−9.6	−49.7	50.7	258	0.0	0.233	1.0	
261	257	259	0.0	0.216	1.0	42.5	−6.9	−49.5	50.0	261	0.0	0.375	1.0	45.3	−11.4	−49.6	51.0	257	0.0	0.217	1.0	0.0	0.29	1.0	43.7	−8.8	−49.7	50.6	259	0.0	0.217	1.0	
262	258	260	0.0	0.2	1.0	42.4	−6.6	−49.4	49.9	262	0.0	0.345	1.0	44.8	−10.5	−49.7	50.9	258	0.0	0.2	1.0	0.0	0.263	1.0	43.2	−8.0	−49.7	50.4	260	0.0	0.2	1.0	
262	259	261	0.0	0.183	1.0	42.2	−6.2	−49.3	49.7	262	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	259	0.0	0.183	1.0	0.0	0.229	1.0	42.7	−7.1	−49.5	50.2	261	0.0	0.183	1.0	
263	260	262	0.0	0.166	1.0	42.0	−5.9	−49.2	49.6	263	0.0	0.286	1.0	43.7	−8.7	−49.7	50.5	260	0.0	0.167	1.0	0.0	0.19	1.0	42.3	−6.3	−49.3	49.8	262	0.0	0.167	1.0	
263	261	263	0.0	0.15	1.0	41.8	−5.5	−49.1	49.5	263	0.0	0.257	1.0	43.1	−7.8	−49.6	50.4	261	0.0	0.15	1.0	0.0	0.15	1.0	41.8	−5.5	−49.1	49.5	263	0.0	0.15	1.0	
263	262	264	0.0	0.133	1.0	41.6	−5.2	−49.0	49.3	263	0.0	0.216	1.0	42.6	−6.9	−49.5	50.0	262	0.0	0.133	1.0	0.043	0.0	1.0	41.4	−4.7	−49.0	49.3	264	0.0	0.133	1.0	
264	263	265	0.0	0.116	1.0	41.5	−5.0	−49.0	49.2	264	0.0	0.173	1.0	42.1	−6.0	−49.2	49.7	263	0.0	0.117	1.0	0.155	0.0	1.0	40.8	−3.9	−49.1	49.3	265	0.0	0.117	1.0	
264	264	266	0.0	0.1	1.0	41.5	−5.0	−49.0	49.2	264	0.0	0.129	1.0	41.6	−5.1	−49.0	49.3	264	0.0	0.1	1.0	0.256	0.0	1.0	40.3	−3.1	−49.3	49.5	266	0.0	0.1	1.0	
264	265	267	0.0	0.083	1.0	41.5	−5.0	−49.0	49.2	264	0.111	0.0	1.0	41.0	−4.2	−49.0	49.3	265	0.0	0.083	1.0	0.284	0.0	1.0	39.8	−2.3	−49.5	49.6	267	0.0	0.083	1.0	
264	266	268	0.0	0.066	1.0	41.5	−5.0	−49.0	49.2	264	0.24	0.0	1.0	40.4	−3.3	−49.2	49.4	266	0.0	0.067	1.0	0.313	0.0	1.0	39.4	−1.6	−49.7	49.8	268	0.0	0.067	1.0	
264	267	269	0.0	0.049	1.0	41.5	−5.0	−49.0	49.2	264	0.279	0.0	1.0	39.9	−2.5	−49.5	49.6	267	0.0	0.05	1.0	0.342	0.0	1.0	38.9	−0.8	−49.9	50.0	269	0.0	0.05	1.0	
264	268	269	0.0	0.033	1.0	41.5	−5.0	−49.0	49.2	264	0.31	0.0	1.0	39.4	−1.6	−49.7	49.8	268	0.0	0.033	1.0	0.371	0.0	1.0	38.5	0.0	−50.0	50.1	269	0.0	0.033	1.0	
264	269	270	0.0	0.016	1.0	41.5	−5.0	−49.0	49.2	264	0.342	0.0	1.0	38.9	−0.8	−49.9	50.0	269	0.0	0.017	1.0	0.385	0.0	1.0	38.2	0.7	−49.9	50.0	270	0.0	0.017	1.0	
264	270	271	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264	***B*$_d$**	0.373	0.0	1.0	38.4	0.0	−50.1	50.2	270	***B*$_s$**	0.0	0.0	1.0	0.397	0.0	1.0	38.1	1.5	−49.8	49.9	271	***B*$_e$**	0.0	0.0	1.0	
264	271	272	0.016	0.0	1.0	41.4	−4.9	−49.0	49.2	264	0.387	0.0	1.0	38.2	0.9	−49.9	50.0	271	0.017	0.0	1.0	0.409	0.0	1.0	37.9	2.3	−49.6	49.7	272	0.017	0.0	1.0	
264	272	273	0.033	0.0	1.0	41.4	−4.8	−49.0	49.2	264	0.4	0.0	1.0	38.0	1.7	−49.7	49.8	272	0.033	0.0	1.0	0.422	0.0	1.0	37.7	3.1	−49.4	49.6	273	0.033	0.0	1.0	
264	273	274	0.05	0.0	1.0	41.3	−4.7	−49.0	49.2	264	0.414	0.0	1.0	37.8	2.6	−49.5	49.7	273	0.05	0.0	1.0	0.434	0.0	1.0	37.5	3.9	−49.2	49.4	274	0.05	0.0	1.0	
264	274	275	0.066	0.0	1.0	41.2	−4.6	−49.0	49.2	264	0.427	0.0	1.0	37.6	3.5	−49.3	49.5	274	0.067	0.0	1.0	0.447	0.0	1.0	37.3	4.7	−48.9	49.3	275	0.067	0.0	1.0	
264	275	276	0.083	0.0	1.0	41.1	−4.4	−49.0	49.2	264	0.44	0.0	1.0	37.4	4.3	−49.1	49.4	275	0.083	0.0	1.0	0.459	0.0	1.0	37.1	5.5	−48.7	49.1	276	0.083	0.0	1.0	
264	276	277	0.1	0.0	1.0	41.0	−4.3	−49.0	49.2	264	0.453	0.0	1.0	37.2	5.1	−48.8	49.2	276	0.1	0.0	1.0	0.471	0.0	1.0	36.9	6.3	−48.4	49.0	277	0.1	0.0	1.0	
265	277	278	0.116	0.0	1.0	40.9	−4.2	−49.0	49.2	265	0.466	0.0	1.0	37.0	6.0	−48.6	49.0	277	0.117	0.0	1.0	0.484	0.0	1.0	36.7	7.1	−48.2	48.8	278	0.117	0.0	1.0	
265	278	279	0.133	0.0	1.0	40.9	−4.1	−49.1	49.2	265	0.479	0.0	1.0	36.8	6.8	−48.3	48.9	278	0.133	0.0	1.0	0.496	0.0	1.0	36.5	7.9	−47.9	48.6	279	0.133	0.0	1.0	
265	279	280	0.15	0.0	1.0	40.8	−4.0	−49.1	49.3	265	0.492	0.0	1.0	36.6	7.6	−48.0	48.7	279	0.15	0.0	1.0	0.505	0.0	1.0	36.5	8.6	−47.6	48.5	280	0.15	0.0	1.0	
265	280	281	0.166	0.0	1.0	40.7	−3.9	−49.1	49.3	265	0.503	0.0	1.0	36.5	8.4	−47.7	48.5	280	0.167	0.0	1.0	0.513	0.0	1.0	36.5	9.4	−47.4	48.4	281	0.167	0.0	1.0	
265	281	282	0.183	0.0	1.0	40.6	−3.8	−49.2	49.3	265	0.511	0.0	1.0	36.5	9.2	−47.4	48.4	281	0.183	0.0	1.0	0.52	0.0	1.0	36.6	10.2	−47.1	48.3	282	0.183	0.0	1.0	
265	282	283	0.2	0.0	1.0	40.5	−3.7	−49.2	49.3	265	0.519	0.0	1.0	36.6	10.0	−47.2	48.3	282	0.2	0.0	1.0	0.528	0.0	1.0	36.7	10.9	−46.8	48.2	283	0.2	0.0	1.0	
265	283	284	0.216	0.0	1.0	40.5	−3.5	−49.2	49.4	265	0.527	0.0	1.0	36.6	10.8	−46.9	48.2	283	0.217	0.0	1.0	0.535	0.0	1.0	36.7	11.7	−46.5	48.1	284	0.217	0.0	1.0	
265	284	285	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265	0.535	0.0	1.0	36.7	11.6	−46.6	48.1	284	0.233	0.0	1.0	0.543	0.0	1.0	36.8	12.4	−46.2	48.0	285	0.233	0.0	1.0	
266	285	285	0.25	0.0	1.0	40.3	−3.3	−49.3	49.4	266	0.542	0.0	1.0	36.8	12.4	−46.2	48.0	285	0.25	0.0	1.0	0.55	0.0	1.0	36.8	13.2	−45.9	47.9	285	0.25	0.0	1.0	
266	286	286	0.266	0.0	1.0	40.0	−2.9	−49.4	49.5	266	0.55	0.0	1.0	36.8	13.2	−45.9	47.9	286	0.267	0.0	1.0	0.557	0.0	1.0	36.9	13.9	−45.6	47.8	286	0.267	0.0	1.0	
267	287	287	0.283	0.0	1.0	39.8	−2.4	−49.5	49.6	267	0.558	0.0	1.0	36.9	14.0	−45.6	47.7	287	0.283	0.0	1.0	0.565	0.0	1.0	36.9	14.6	−45.2	47.6	287	0.283	0.0	1.0	
267	288	288	0.3	0.0	1.0	39.5	−2.0	−49.6	49.7	267	0.566	0.0	1.0	36.9	14.7	−45.2	47.6	288	0.3	0.0	1.0	0.572	0.0	1.0	37.0	15.3	−44.9	47.5	288	0.3	0.0	1.0	
268	289	289	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268	0.574	0.0	1.0	37.0	15.5	−44.8	47.5	289	0.317	0.0	1.0	0.58	0.0	1.0	37.0	16.0	−44.5	47.4	289	0.317	0.0	1.0	
268	290	290	0.333	0.0	1.0	39.0	−1.1	−49.9	49.9	268	0.582	0.0	1.0	37.0	16.2	−44.4	47.4	290	0.333	0.0	1.0	0.587	0.0	1.0	37.1	16.7	−44.2	47.3	290	0.333	0.0	1.0	
269	291	291	0.35	0.0	1.0	38.7	−0.6	−50.0	50.0	269	0.59	0.0	1.0	37.1	16.9	−44.0	47.3	291	0.35	0.0	1.0	0.595	0.0	1.0	37.1	17.4	−43.8	47.2	291	0.35	0.0	1.0	
269	292	292	0.366	0.0	1.0	38.5	−0.1	−50.1	50.1	269	0.598	0.0	1.0	37.1	17.7	−43.6	47.2	292	0.367	0.0	1.0	0.602	0.0	1.0	37.2	18.1	−43.4	47.1	292	0.367	0.0	1.0	
270	293	293	0.383	0.0	1.0	38.2	0.6	−50.0	50.0	270	0.606	0.0	1.0	37.2	18.4	−43.2	47.0	293	0.383	0.0	1.0	0.61	0.0	1.0	37.2	18.8	−43.0	47.0	293	0.383	0.0	1.0	
271	294	294	0.4	0.0	1.0	38.0	1.7	−49.8	49.8	271	0.613	0.0	1.0	37.2	19.1	−42.8	46.9	294	0.4	0.0	1.0	0.617	0.0	1.0	37.3	19.4	−42.6	46.9	294	0.4	0.0	1.0	
273	295	295	0.416	0.0	1.0	37.7	2.8	−49.5	49.6	273	0.621	0.0	1.0	37.3	19.8	−42.3	46.8	295	0.417	0.0	1.0	0.625	0.0	1.0	37.3	20.1	−42.1	46.8	295	0.417	0.0	1.0	
274	296	296	0.433	0.0	1.0	37.4	3.8	−49.2	49.4	274	0.629	0.0	1.0	37.4	20.5	−41.9	46.8	296	0.433	0.0	1.0	0.631	0.0	1.0	37.5	20.8	−41.8	46.8	296	0.433	0.0	1.0	
275	297	297	0.45	0.0	1.0	37.2	4.9	−48.9	49.2	275	0.636	0.0	1.0	37.7	21.2	−41.6	46.8	297	0.45	0.0	1.0	0.638	0.0	1.0	37.7	21.5	−41.5	46.8	297	0.45	0.0	1.0	
277	298	298	0.466	0.0	1.0	36.9	6.0	−48.6	49.0	277	0.643	0.0	1.0	37.9	22.0	−41.2	46.8	298	0.467	0.0	1.0	0.645	0.0	1.0	38.0	22.2	−41.1	46.8	298	0.467	0.0	1.0	
278	299	299	0.483	0.0	1.0	36.7	7.0	−48.2	48.8	278	0.65	0.0	1.0	38.1	22.7	−40.8	46.8	299	0.483	0.0	1.0	0.652	0.0	1.0	38.2	22.9	−40.8	46.8	299	0.483	0.0	1.0	
279	300	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279	0.657	0.0	1.0	38.4	23.4	−40.4	46.8	300	0.5	0.0	1.0	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300	0.5	0.0	1.0	



RE710−71 1−0131434−L0 LAB*la0, YN=0%, XYZnw=2.0, 2.1, 2.1, 85.9, 90.9, 95.1, LAB*nw=15.8, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 15/33

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb*−*LabCh**tables

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

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb (RGB)

1−0131434−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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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
279	300	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279	0.657	0.0	1.0	38.4	23.4	−40.4	46.8	300	0.5	0.0	1.0	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300	0.5	0.0	1.0			
281	301	301	0.516	0.0	1.0	36.5	9.8	−47.3	48.3	281	0.664	0.0	1.0	38.6	24.1	−40.0	46.8	301	0.517	0.0	1.0	0.665	0.0	1.0	38.6	24.2	−40.0	46.8	301	0.517	0.0	1.0			
283	302	302	0.533	0.0	1.0	36.6	11.5	−46.7	48.1	283	0.671	0.0	1.0	38.8	24.8	−39.6	46.8	302	0.533	0.0	1.0	0.672	0.0	1.0	38.8	24.9	−39.6	46.8	302	0.533	0.0	1.0			
285	303	303	0.55	0.0	1.0	36.8	13.1	−46.0	47.8	285	0.678	0.0	1.0	39.1	25.5	−39.2	46.9	303	0.55	0.0	1.0	0.678	0.0	1.0	39.1	25.5	−39.2	46.9	303	0.55	0.0	1.0			
288	304	303	0.566	0.0	1.0	36.9	14.7	−45.2	47.6	288	0.685	0.0	1.0	39.3	26.2	−38.8	46.9	304	0.567	0.0	1.0	0.685	0.0	1.0	39.3	26.2	−38.8	46.9	303	0.567	0.0	1.0			
290	305	304	0.583	0.0	1.0	37.0	16.3	−44.4	47.3	290	0.692	0.0	1.0	39.5	26.9	−38.3	46.9	305	0.583	0.0	1.0	0.692	0.0	1.0	39.5	26.8	−38.3	46.9	304	0.583	0.0	1.0			
292	306	305	0.6	0.0	1.0	37.1	17.8	−43.6	47.1	292	0.699	0.0	1.0	39.8	27.6	−37.8	46.9	306	0.6	0.0	1.0	0.698	0.0	1.0	39.7	27.5	−37.9	46.9	305	0.6	0.0	1.0			
294	307	306	0.616	0.0	1.0	37.2	19.3	−42.6	46.8	294	0.706	0.0	1.0	40.0	28.2	−37.4	46.9	307	0.617	0.0	1.0	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306	0.617	0.0	1.0			
296	308	307	0.633	0.0	1.0	37.5	20.9	−41.8	46.7	296	0.713	0.0	1.0	40.2	28.9	−36.9	46.9	308	0.633	0.0	1.0	0.712	0.0	1.0	40.2	28.7	−37.0	46.9	307	0.633	0.0	1.0			
299	309	308	0.65	0.0	1.0	38.1	22.6	−40.9	46.8	299	0.72	0.0	1.0	40.5	29.5	−36.4	46.9	309	0.65	0.0	1.0	0.718	0.0	1.0	40.4	29.3	−36.5	46.9	308	0.65	0.0	1.0			
301	310	309	0.666	0.0	1.0	38.6	24.3	−39.9	46.8	301	0.728	0.0	1.0	40.7	30.2	−35.9	46.9	310	0.667	0.0	1.0	0.725	0.0	1.0	40.6	30.0	−36.0	46.9	309	0.667	0.0	1.0			
303	311	310	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303	0.735	0.0	1.0	40.9	30.8	−35.3	47.0	311	0.683	0.0	1.0	0.732	0.0	1.0	40.8	30.6	−35.6	47.0	310	0.683	0.0	1.0			
306	312	311	0.7	0.0	1.0	39.7	27.6	−37.8	46.8	306	0.742	0.0	1.0	41.2	31.4	−34.8	47.0	312	0.7	0.0	1.0	0.738	0.0	1.0	41.0	31.2	−35.1	47.0	311	0.7	0.0	1.0			
308	313	312	0.716	0.0	1.0	40.3	29.1	−36.7	46.9	308	0.749	0.0	1.0	41.4	32.0	−34.3	47.0	313	0.717	0.0	1.0	0.745	0.0	1.0	41.3	31.7	−34.5	47.0	312	0.717	0.0	1.0			
310	314	313	0.733	0.0	1.0	40.8	30.6	−35.5	46.9	310	0.755	0.0	1.0	41.6	32.9	−33.9	47.3	314	0.733	0.0	1.0	0.752	0.0	1.0	41.5	32.4	−34.1	47.1	313	0.733	0.0	1.0			
313	315	314	0.75	0.0	1.0	41.4	32.1	−34.2	46.9	313	0.762	0.0	1.0	41.8	33.7	−33.6	47.7	315	0.75	0.0	1.0	0.758	0.0	1.0	41.7	33.2	−33.8	47.4	314	0.75	0.0	1.0			
315	316	315	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315	0.768	0.0	1.0	42.1	34.6	−33.3	48.0	316	0.767	0.0	1.0	0.764	0.0	1.0	41.9	34.0	−33.5	47.8	315	0.767	0.0	1.0			
318	317	316	0.783	0.0	1.0	42.5	36.5	−32.5	48.9	318	0.775	0.0	1.0	42.3	35.4	−32.9	48.4	317	0.783	0.0	1.0	0.77	0.0	1.0	42.1	34.8	−33.2	48.2	316	0.783	0.0	1.0			
320	318	317	0.8	0.0	1.0	43.1	38.6	−31.4	49.8	320	0.781	0.0	1.0	42.5	36.3	−32.5	48.8	318	0.8	0.0	1.0	0.776	0.0	1.0	42.3	35.6	−32.8	48.5	317	0.8	0.0	1.0			
323	319	318	0.816	0.0	1.0	43.7	40.8	−30.2	50.8	323	0.788	0.0	1.0	42.7	37.1	−32.2	49.2	319	0.817	0.0	1.0	0.782	0.0	1.0	42.5	36.4	−32.5	48.9	318	0.817	0.0	1.0			
326	320	319	0.833	0.0	1.0	44.3	42.9	−28.9	51.7	326	0.794	0.0	1.0	43.0	37.9	−31.7	49.5	320	0.833	0.0	1.0	0.789	0.0	1.0	42.8	37.2	−32.1	49.2	319	0.833	0.0	1.0			
328	321	320	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328	0.801	0.0	1.0	43.2	38.8	−31.3	49.9	321	0.85	0.0	1.0	0.795	0.0	1.0	43.0	38.0	−31.7	49.6	320	0.85	0.0	1.0			
331	322	321	0.866	0.0	1.0	45.4	47.0	−25.9	53.7	331	0.807	0.0	1.0	43.4	39.6	−30.9	50.3	322	0.867	0.0	1.0	0.801	0.0	1.0	43.2	38.8	−31.3	49.9	321	0.867	0.0	1.0			
333	323	321	0.883	0.0	1.0	46.0	49.6	−24.5	55.3	333	0.814	0.0	1.0	43.6	40.5	−30.4	50.7	323	0.883	0.0	1.0	0.807	0.0	1.0	43.4	39.6	−30.9	50.3	321	0.883	0.0	1.0			
336	324	322	0.9	0.0	1.0	46.6	52.8	−23.2	57.7	336	0.82	0.0	1.0	43.8	41.3	−29.9	51.0	324	0.9	0.0	1.0	0.813	0.0	1.0	43.6	40.4	−30.4	50.6	322	0.9	0.0	1.0			
338	325	323	0.916	0.0	1.0	47.2	56.0	−21.7	60.0	338	0.827	0.0	1.0	44.1	42.1	−29.4	51.4	325	0.917	0.0	1.0	0.819	0.0	1.0	43.8	41.2	−30.0	51.0	323	0.917	0.0	1.0			
341	326	324	0.933	0.0	1.0	47.8	59.1	−19.9	62.4	341	0.833	0.0	1.0	44.3	42.9	−28.9	51.8	326	0.933	0.0	1.0	0.826	0.0	1.0	44.0	42.0	−29.5	51.3	324	0.933	0.0	1.0			
343	327	325	0.95	0.0	1.0	48.4	62.2	−17.9	64.8	343	0.84	0.0	1.0	44.5	43.7	−28.3	52.2	327	0.95	0.0	1.0	0.832	0.0	1.0	44.2	42.7	−29.0	51.7	325	0.95	0.0	1.0			
346	328	326	0.966	0.0	1.0	48.9	65.3	−15.7	67.1	346	0.846	0.0	1.0	44.7	44.5	−27.7	52.5	328	0.967	0.0	1.0	0.838	0.0	1.0	44.5	43.5	−28.5	52.0	326	0.967	0.0	1.0			
349	329	327	0.983	0.0	1.0	49.5	68.2	−13.2	69.5	349	0.853	0.0	1.0	45.0	45.3	−27.1	52.9	329	0.983	0.0	1.0	0.844	0.0	1.0	44.7	44.3	−27.9	52.4	327	0.983	0.0	1.0			
351	330	328	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351	M_d 0.859	0.0	1.0	45.2	46.1	−26.5	53.3	330	M_s 1.0	0.0	1.0	0.85	0.0	1.0	44.9	45.0	−27.4	52.8	328	M_e 1.0	0.0	1.0			
351	331	329	1.0	0.0	0.983	49.9	71.5	−10.1	72.2	351	0.866	0.0	1.0	45.4	46.9	−25.9	53.7	331	1.0	0.0	0.983	0.856	0.0	1.0	45.1	45.8	−26.8	53.1	329	1.0	0.0	0.983			
352	332	330	1.0	0.0	0.966	49.7	71.9	−9.8	72.5	352	0.872	0.0	1.0	45.6	47.7	−25.3	54.0	332	1.0	0.0	0.967	0.862	0.0	1.0	45.3	46.5	−26.2	53.5	330	1.0	0.0	0.967			
352	333	331	1.0	0.0	0.95	49.6	72.3	−9.4	72.9	352	0.879	0.0	1.0	45.9	48.7	−24.7	54.7	333	1.0	0.0	0.95	0.869	0.0	1.0	45.5	47.3	−25.6	53.8	331	1.0	0.0	0.95			
352	334	332	1.0	0.0	0.933	49.4	72.7	−9.0	73.2	352	0.885	0.0	1.0	46.1	50.0	−24.3	55.6	334	1.0	0.0	0.933	0.875	0.0	1.0	45.7	48.0	−25.0	54.2	332	1.0	0.0	0.933			
353	335	333	1.0	0.0	0.916	49.2	73.1	−8.6	73.6	353	0.892	0.0	1.0	46.3	51.3	−23.8	56.6	335	1.0	0.0	0.917	0.881	0.0	1.0	46.0	49.2	−24.6	55.0	333	1.0	0.0	0.917			
353	336	334	1.0	0.0	0.9	49.0	73.4	−8.2	73.9	353	0.898	0.0	1.0	46.6	52.5	−23.3	57.5	336	1.0	0.0	0.9	0.887	0.0	1.0	46.2	50.4	−24.1	55.9	334	1.0	0.0	0.9			
353	337	335	1.0	0.0	0.883	48.8	73.8	−7.9	74.3	353	0.905	0.0	1.0	46.8	53.8	−22.7	58.4	337	1.0	0.0	0.883	0.893	0.0	1.0	46.4	51.6	−23.7	56.8	335	1.0	0.0	0.883			
354	338	336	1.0	0.0	0.866	48.6	74.0	−7.3	74.3	354	0.911	0.0	1.0	47.0	55.0	−22.1	59.3	338	1.0	0.0	0.867	0.899	0.0	1.0	46.6	52.8	−23.2	57.7	336	1.0	0.0	0.867			
354	339	337	1.0	0.0	0.85	48.6	73.8	−6.5	74.1	354	0.918	0.0	1.0	47.3	56.3	−21.5	60.3	339	1.0	0.0	0.85	0.906	0.0	1.0	46.8	53.9	−22.6	58.5	337	1.0	0.0	0.85			
355	340	338	1.0	0.0	0.833	48.5	73.6	−5.7	73.9	355	0.924	0.0	1.0	47.5	57.5	−20.8	61.2	340	1.0	0.0	0.833	0.912	0.0	1.0	47.1	55.1	−22.1	59.4	338	1.0	0.0	0.833			
356	341	339	1.0	0.0	0.816	48.5	73.5	−4.9	73.6	356	0.931	0.0	1.0	47.7	58.7	−20.1	62.1	341	1.0	0.0	0.817	0.918	0.0	1.0	47.3	56.3	−21.5	60.3	339	1.0	0.0	0.817			
356	342	339	1.0	0.0	0.8	48.4	73.3	−4.1	73.4	356	0.937	0.0	1.0	48.0	59.9	−19.4	63.0	342	1.0	0.0	0.8	0.924	0.0	1.0	47.5	57.5	−20.8	61.2	339	1.0	0.0	0.8			
357	343	340	1.0	0.0	0.783	48.4	73.1	−3.3	73.2	357	0.944	0.0	1.0	48.2	61.2	−18.6	64.0	343	1.0	0.0	0.783	0.93	0.0	1.0	47.7	58.6	−20.2	62.0	340	1.0	0.0	0.783			
357	344	341	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357	0.951	0.0	1.0	48.4	62.4	−17.8	64.9	344	1.0	0.0	0.767	0.937	0.0	1.0	47.9	59.8	−19.5	62.9	341	1.0	0.0	0.767			
358	345	342	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358	0.957	0.0	1.0	48.7	63.6	−16.9	65.8	345	1.0	0.0	0.75	0.943	0.0	1.0	48.2	61.0	−18.7	63.8	342	1.0	0.0	0.75			

RE710−71 1−0131534−L0 LAB*la0, YN=0%, XYZnw=2.0, 2.1, 2.1, 85.9, 90.9, 95.1, LAB*nw=15.8, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 16/33

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)
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*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; 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*$_{de}$
358	345	342	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358	0.957	0.0	1.0	48.7	63.6	−16.9	65.8	345	1.0	0.0	0.75	0.943	0.0	1.0	48.2	61.0	−18.7	63.8	342	1.0	0.0	0.75			
359	346	343	1.0	0.0	0.733	48.3	72.4	−0.8	72.4	359	0.964	0.0	1.0	48.9	64.7	−16.0	66.7	346	1.0	0.0	0.733	0.949	0.0	1.0	48.4	62.1	−18.0	64.7	343	1.0	0.0	0.733			
360	347	344	1.0	0.0	0.716	48.3	72.1	0.1	72.1	360	0.97	0.0	1.0	49.1	65.9	−15.1	67.7	347	1.0	0.0	0.717	0.955	0.0	1.0	48.6	63.2	−17.2	65.5	344	1.0	0.0	0.717			
360	348	345	1.0	0.0	0.7	48.3	71.8	1.1	71.8	360	0.977	0.0	1.0	49.4	67.1	−14.2	68.6	348	1.0	0.0	0.7	0.961	0.0	1.0	48.8	64.4	−16.3	66.4	345	1.0	0.0	0.7			
361	349	346	1.0	0.0	0.683	48.3	71.5	2.1	71.5	361	0.983	0.0	1.0	49.6	68.2	−13.2	69.5	349	1.0	0.0	0.683	0.968	0.0	1.0	49.0	65.5	−15.5	67.3	346	1.0	0.0	0.683			
362	350	347	1.0	0.0	0.666	48.3	71.1	3.1	71.2	362	0.99	0.0	1.0	49.8	69.4	−12.1	70.4	350	1.0	0.0	0.667	0.974	0.0	1.0	49.3	66.6	−14.6	68.2	347	1.0	0.0	0.667			
363	351	348	1.0	0.0	0.65	48.3	70.8	4.1	70.9	363	0.996	0.0	1.0	50.0	70.5	−11.1	71.4	351	1.0	0.0	0.65	0.98	0.0	1.0	49.5	67.7	−13.7	69.1	348	1.0	0.0	0.65			
364	352	349	1.0	0.0	0.633	48.3	70.4	5.1	70.6	364	1.0	0.0	0.979	49.9	71.6	−10.0	72.3	352	1.0	0.0	0.633	0.986	0.0	1.0	49.7	68.8	−12.7	69.9	349	1.0	0.0	0.633			
364	353	350	1.0	0.0	0.616	48.3	70.1	6.0	70.4	364	1.0	0.0	0.928	49.3	72.8	−8.8	73.4	353	1.0	0.0	0.617	0.992	0.0	1.0	49.9	69.8	−11.7	70.8	350	1.0	0.0	0.617			
365	354	351	1.0	0.0	0.6	48.3	69.9	6.8	70.3	365	1.0	0.0	0.878	48.8	74.0	−7.7	74.4	354	1.0	0.0	0.6	0.999	0.0	1.0	50.1	70.9	−10.7	71.7	351	1.0	0.0	0.6			
366	355	352	1.0	0.0	0.583	48.3	69.7	7.7	70.1	366	1.0	0.0	0.849	48.6	73.8	−6.4	74.1	355	1.0	0.0	0.583	1.0	0.0	0.963	49.8	72.0	−9.6	72.6	352	1.0	0.0	0.583			
367	356	353	1.0	0.0	0.566	48.3	69.5	8.5	70.0	367	1.0	0.0	0.821	48.6	73.6	−5.0	73.7	356	1.0	0.0	0.567	1.0	0.0	0.916	49.2	73.1	−8.6	73.6	353	1.0	0.0	0.567			
367	357	354	1.0	0.0	0.55	48.3	69.2	9.4	69.9	367	1.0	0.0	0.793	48.5	73.2	−3.7	73.3	357	1.0	0.0	0.55	1.0	0.0	0.871	48.7	74.0	−7.4	74.4	354	1.0	0.0	0.55			
368	358	355	1.0	0.0	0.533	48.3	69.0	10.2	69.7	368	1.0	0.0	0.765	48.4	72.9	−2.4	73.0	358	1.0	0.0	0.533	1.0	0.0	0.845	48.6	73.8	−6.2	74.1	355	1.0	0.0	0.533			
369	359	356	1.0	0.0	0.516	48.3	68.7	11.0	69.6	369	1.0	0.0	0.741	48.3	72.6	−1.2	72.6	359	1.0	0.0	0.517	1.0	0.0	0.818	48.5	73.5	−4.9	73.7	356	1.0	0.0	0.517			
369	360	352	1.0	0.0	0.5	48.3	68.4	11.9	69.5	369	1.0	0.0	0.72	48.3	72.2	0.0	72.2	360	1.0	0.0	0.5	1.0	0.0	0.976	49.9	71.7	−9.9	72.4	352	1.0	0.0	0.5			
370	361	353	1.0	0.0	0.483	48.3	68.1	13.0	69.4	370	1.0	0.0	0.699	48.3	71.8	1.3	71.8	361	1.0	0.0	0.483	1.0	0.0	0.919	49.2	73.0	−8.6	73.6	353	1.0	0.0	0.483			
371	362	354	1.0	0.0	0.466	48.3	67.8	14.2	69.3	371	1.0	0.0	0.678	48.4	71.4	2.5	71.5	362	1.0	0.0	0.467	1.0	0.0	0.869	48.7	74.0	−7.3	74.4	354	1.0	0.0	0.467			
372	363	355	1.0	0.0	0.45	48.4	67.4	15.3	69.2	372	1.0	0.0	0.657	48.4	71.0	3.7	71.1	363	1.0	0.0	0.45	1.0	0.0	0.838	48.6	73.7	−5.8	74.0	355	1.0	0.0	0.45			
373	364	356	1.0	0.0	0.433	48.4	67.1	16.5	69.1	373	1.0	0.0	0.636	48.4	70.6	4.9	70.7	364	1.0	0.0	0.433	1.0	0.0	0.807	48.5	73.4	−4.4	73.5	356	1.0	0.0	0.433			
374	365	357	1.0	0.0	0.416	48.4	66.7	17.6	69.0	374	1.0	0.0	0.614	48.4	70.2	6.1	70.4	365	1.0	0.0	0.417	1.0	0.0	0.776	48.4	73.0	−2.9	73.1	357	1.0	0.0	0.417			
375	366	358	1.0	0.0	0.4	48.4	66.3	18.8	68.9	375	1.0	0.0	0.591	48.4	69.9	7.3	70.2	366	1.0	0.0	0.4	1.0	0.0	0.746	48.3	72.7	−1.5	72.7	358	1.0	0.0	0.4			
376	367	359	1.0	0.0	0.383	48.4	65.9	19.9	68.8	376	1.0	0.0	0.567	48.4	69.5	8.5	70.1	367	1.0	0.0	0.383	1.0	0.0	0.723	48.3	72.3	−0.1	72.3	359	1.0	0.0	0.383			
377	368	360	1.0	0.0	0.366	48.4	65.6	21.1	68.9	377	1.0	0.0	0.544	48.4	69.2	9.7	69.9	368	1.0	0.0	0.367	1.0	0.0	0.7	48.3	71.8	1.2	71.8	360	1.0	0.0	0.367			
378	369	362	1.0	0.0	0.35	48.4	65.5	22.3	69.2	378	1.0	0.0	0.52	48.4	68.8	10.9	69.7	369	1.0	0.0	0.35	1.0	0.0	0.676	48.4	71.4	2.6	71.4	362	1.0	0.0	0.35			
379	370	363	1.0	0.0	0.333	48.4	65.3	23.5	69.4	379	1.0	0.0	0.498	48.4	68.4	12.1	69.5	370	1.0	0.0	0.333	1.0	0.0	0.653	48.4	70.9	4.0	71.0	363	1.0	0.0	0.333			
380	371	364	1.0	0.0	0.316	48.3	65.1	24.8	69.7	380	1.0	0.0	0.481	48.4	68.1	13.2	69.4	371	1.0	0.0	0.317	1.0	0.0	0.63	48.4	70.4	5.3	70.6	364	1.0	0.0	0.317			
381	372	365	1.0	0.0	0.3	48.3	65.0	26.0	70.0	381	1.0	0.0	0.464	48.4	67.8	14.4	69.3	372	1.0	0.0	0.3	1.0	0.0	0.604	48.4	70.0	6.7	70.4	365	1.0	0.0	0.3			
382	373	366	1.0	0.0	0.283	48.3	64.7	27.3	70.3	382	1.0	0.0	0.448	48.4	67.4	15.6	69.2	373	1.0	0.0	0.283	1.0	0.0	0.578	48.4	69.7	8.0	70.1	366	1.0	0.0	0.283			
383	374	367	1.0	0.0	0.266	48.3	64.5	28.5	70.5	383	1.0	0.0	0.431	48.4	67.1	16.7	69.1	374	1.0	0.0	0.267	1.0	0.0	0.552	48.4	69.3	9.3	69.9	367	1.0	0.0	0.267			
384	375	368	1.0	0.0	0.25	48.3	64.2	29.8	70.8	384	1.0	0.0	0.414	48.4	66.7	17.9	69.0	375	1.0	0.0	0.25	1.0	0.0	0.526	48.4	68.9	10.6	69.7	368	1.0	0.0	0.25			
385	376	369	1.0	0.0	0.233	48.3	64.2	30.8	71.2	385	1.0	0.0	0.397	48.5	66.3	19.0	68.9	376	1.0	0.0	0.233	1.0	0.0	0.5	48.4	68.5	11.9	69.5	369	1.0	0.0	0.233			
386	377	370	1.0	0.0	0.216	48.3	64.1	31.9	71.6	386	1.0	0.0	0.38	48.5	65.8	20.1	68.8	377	1.0	0.0	0.217	1.0	0.0	0.481	48.4	68.1	13.2	69.4	370	1.0	0.0	0.217			
387	378	372	1.0	0.0	0.2	48.3	64.0	33.0	72.0	387	1.0	0.0	0.364	48.5	65.6	21.3	69.0	378	1.0	0.0	0.2	1.0	0.0	0.462	48.4	67.8	14.5	69.3	372	1.0	0.0	0.2			
388	379	373	1.0	0.0	0.183	48.3	63.9	34.0	72.4	388	1.0	0.0	0.347	48.4	65.5	22.6	69.3	379	1.0	0.0	0.183	1.0	0.0	0.444	48.4	67.4	15.8	69.2	373	1.0	0.0	0.183			
388	380	374	1.0	0.0	0.166	48.4	63.8	35.1	72.8	388	1.0	0.0	0.331	48.4	65.3	23.8	69.5	380	1.0	0.0	0.167	1.0	0.0	0.425	48.4	66.9	17.1	69.1	374	1.0	0.0	0.167			
389	381	375	1.0	0.0	0.15	48.4	63.6	36.2	73.2	389	1.0	0.0	0.314	48.4	65.2	25.0	69.8	381	1.0	0.0	0.15	1.0	0.0	0.406	48.4	66.5	18.4	69.0	375	1.0	0.0	0.15			
390	382	376	1.0	0.0	0.133	48.4	63.4	37.3	73.6	390	1.0	0.0	0.298	48.4	65.0	26.3	70.1	382	1.0	0.0	0.133	1.0	0.0	0.388	48.5	66.0	19.6	68.9	376	1.0	0.0	0.133			
391	383	377	1.0	0.0	0.116	48.4	63.4	38.1	74.0	391	1.0	0.0	0.281	48.3	64.8	27.5	70.4	383	1.0	0.0	0.117	1.0	0.0	0.369	48.5	65.7	20.9	68.9	377	1.0	0.0	0.117			
391	384	378	1.0	0.0	0.1	48.4	63.4	38.7	74.3	391	1.0	0.0	0.264	48.3	64.5	28.7	70.6	384	1.0	0.0	0.1	1.0	0.0	0.351	48.4	65.5	22.3	69.2	378	1.0	0.0	0.1			
391	385	379	1.0	0.0	0.083	48.3	63.4	39.4	74.6	391	1.0	0.0	0.247	48.3	64.3	30.0	70.9	385	1.0	0.0	0.083	1.0	0.0	0.332	48.4	65.4	23.7	69.5	379	1.0	0.0	0.083			
392	386	381	1.0	0.0	0.066	48.3	63.4	40.0	74.9	392	1.0	0.0	0.226	48.3	64.2	31.3	71.4	386	1.0	0.0	0.067	1.0	0.0	0.314	48.4	65.2	25.0	69.8	381	1.0	0.0	0.067			
392	387	382	1.0	0.0	0.049	48.2	63.4	40.6	75.3	392	1.0	0.0	0.206	48.4	64.1	32.7	71.9	387	1.0	0.0	0.05	1.0	0.0	0.295	48.4	64.9	26.4	70.1	382	1.0	0.0	0.05			
393	388	383	1.0	0.0	0.033	48.2	63.3	41.2	75.6	393	1.0	0.0	0.185	48.4	64.0	34.0	72.4	388	1.0	0.0	0.033	1.0	0.0	0.277	48.3	64.7	27.8	70.4	383	1.0	0.0	0.033			
393	389	384	1.0	0.0	0.016	48.1	63.3	41.8	75.9	393	1.0	0.0	0.164	48.4	63.8	35.4	72.9	389	1.0	0.0	0.017	1.0	0.0	0.258	48.3	64.4	29.2	70.7	384	1.0	0.0	0.017			
393	390	385	1.0	0.0	0.0	48.1	63.3	42.5	76.2	393	R_d 1.0	0.0	0.143	48.5	63.6	36.7	73.4	390	R_s 1.0	0.0	0.0	1.0	0.0	0.237	48.3	64.2	30.6	71.2	385	R_e 1.0	0.0	0.0			

RE710−71 1−0131634−L0 LAB*la0, YN=0%, XYZnw=2.0, 2.1, 2.1, 85.9, 90.9, 95.1, LAB*nw=15.8, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 17/33

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
48 step hue circles; *rgb*−*LabCh**tables

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

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb (RGB)

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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	0.237	48.3	64.2	30.6	71.1	25.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	11.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	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	0.024	48.2	63.3	41.5	75.8	33.2	1.0	0.125	0.0	48.8	62.0	44.3	76.2	35.6	3.1	388	1.0	0.0	0.024	48.2	63.3	41.5	75.8	33.2
2/666	R25Y_100_100$_e$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40.0	1.5	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
3/675	R38Y_100_100$_e$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.382	0.0	55.6	48.5	57.7	75.4	49.9	1.0	0.375	0.0	55.1	49.4	57.2	75.6	49.1	1.1	52	1.0	0.382	0.0	55.6	48.5	57.7	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	0.464	0.0	61.1	37.8	62.8	73.3	58.8	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6	5.4	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
5/693	R63Y_100_100$_e$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.543	0.0	66.6	27.7	67.9	73.3	67.8	1.0	0.625	0.0	72.5	16.3	73.1	74.9	77.4	13.8	62	1.0	0.543	0.0	66.6	27.7	67.9	73.3	67.8
6/702	R75Y_100_100$_e$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89.2	20.7	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
7/711	R88Y_100_100$_e$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.7	0.0	77.8	7.5	79.0	79.4	84.5	1.0	0.875	0.0	88.7	−11.0	90.6	91.3	96.9	24.5	73	1.0	0.7	0.0	77.8	7.5	79.0	79.4	84.5
8/720	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	18.9	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
9/639	Y13G_100_100$_e$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	0.875	1.0	0.0	83.7	−27.3	80.1	84.7	108.8	20.0	90	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
10/558	Y25G_100_100$_e$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6	0.75	1.0	0.0	74.4	−37.9	65.2	75.5	120.1	21.0	96	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6
11/477	Y38G_100_100$_e$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.774	1.0	0.0	76.2	−36.2	68.2	77.2	117.9	0.625	1.0	0.0	67.3	−45.9	53.9	70.9	130.4	19.4	102	0.774	1.0	0.0	76.2	−36.2	68.2	77.2	117.9
12/396	Y50G_100_100$_e$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3	17.0	109	0.663	1.0	0.0	69.4	−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	0.539	1.0	0.0	63.4	−51.5	48.7	71.0	136.5	0.375	1.0	0.0	60.5	−56.5	44.0	71.6	142.0	7.4	117	0.539	1.0	0.0	63.4	−51.5	48.7	71.0	136.5
14/234	Y75G_100_100$_e$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145.1	1.2	153	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	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	0.614	57.2	−59.5	28.9	66.2	154.0	0.125	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	11.9	187	0.0	1.0	0.614	57.2	−59.5	28.9	66.2	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	0.754	58.4	−54.9	17.6	57.7	162.2	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	23.6	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	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	0.796	58.9	−52.7	10.6	53.7	168.6	0.0	1.0	0.125	57.9	−60.4	40.4	72.7	146.1	30.8	198	0.0	1.0	0.796	58.9	−52.7	10.6	53.7	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	0.838	59.4	−49.6	4.3	49.8	175.0	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147.2	36.3	201	0.0	1.0	0.838	59.4	−49.6	4.3	49.8	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	0.882	59.7	−46.3	−1.8	46.4	182.3	0.0	1.0	0.375	57.2	−61.5	37.6	72.1	148.5	42.3	203	0.0	1.0	0.882	59.7	−46.3	−1.8	46.4	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	0.915	59.0	−45.6	−7.7	46.3	189.6	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6	43.2	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	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	0.948	58.2	−44.2	−13.4	46.2	196.9	0.0	1.0	0.625	57.3	−59.4	28.6	65.9	154.2	44.7	207	0.0	1.0	0.948	58.2	−44.2	−13.4	46.2	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	0.981	57.5	−42.0	−18.9	46.1	204.2	0.0	1.0	0.75	58.4	−55.1	18.4	58.1	161.5	39.5	209	0.0	1.0	0.981	57.5	−42.0	−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	0.984	1.0	56.6	−40.2	−23.7	46.7	210.5	0.0	1.0	0.875	59.9	−46.4	−0.4	46.4	180.5	24.3	210	0.0	0.984	1.0	56.6	−40.2	−23.7	46.7	210.5
24/80	C00B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3	7.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
25/71	C13B_100_100$_e$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.897	1.0	54.0	−36.6	−34.6	50.4	223.3	0.0	0.875	1.0	53.3	−35.2	−37.3	51.3	226.7	3.2	215	0.0	0.897	1.0	54.0	−36.6	−34.6	50.4	223.3
26/62	C25B_100_100$_e$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7	0.0	0.75	1.0	52.6	−24.9	−50.1	56.0	243.5	13.5	217	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7
27/53	C38B_100_100$_e$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.798	1.0	52.9	−29.4	−45.5	54.2	237.0	0.0	0.625	1.0	49.4	−19.3	−50.3	53.8	248.9	11.7	220	0.0	0.798	1.0	52.9	−29.4	−45.5	54.2	237.0
28/44	C50B_100_100$_e$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6	10.7	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
29/35	C63B_100_100$_e$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.553	1.0	48.1	−16.6	−50.2	52.8	251.6	0.0	0.375	1.0	45.3	−11.4	−49.7	51.0	256.9	5.8	236	0.0	0.553	1.0	48.1	−16.6	−50.2	52.8	251.6
30/26	C75B_100_100$_e$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261.2	2.3	251	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9
31/17	C88B_100_100$_e$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.155	0.0	1.0	40.8	−3.9	−49.1	49.3	265.3	0.0	0.125	1.0	41.5	−5.0	−49.0	49.2	264.0	1.3	278	0.155	0.0	1.0	40.8	−3.9	−49.1	49.3	265.3
32/8	B00M_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0	7.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
33/89	B13M_100_100$_e$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.483	0.0	1.0	36.7	7.1	−48.2	48.7	278.3	0.125	0.0	1.0	40.9	−4.1	−49.0	49.2	265.1	12.0	298	0.483	0.0	1.0	36.7	7.1	−48.2	48.7	278.3
34/170	B25M_100_100$_e$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0	0.25	0.0	1.0	40.3	−3.3	−49.3	49.4	266.0	16.4	302	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0
35/251	B38M_100_100$_e$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.602	0.0	1.0	37.1	18.0	−43.4	47.0	292.5	0.375	0.0	1.0	38.3	0.0	−50.1	50.1	270.0	19.2	306	0.602	0.0	1.0	37.1	18.0	−43.4	47.0	292.5
36/332	B50M_100_100$_e$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6	17.2	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
37/413	B63M_100_100$_e$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.711	0.0	1.0	40.1	28.7	−37.0	46.9	307.7	0.625	0.0	1.0	37.3	20.1	−42.2	46.7	295.4	10.4	313	0.711	0.0	1.0	40.1	28.7	−37.0	46.9	307.7
38/494	B75M_100_100$_e$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3	0.75	0.0	1.0	41.4	32.1	−34.2	46.9	313.1	2.0	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3
39/575	B88M_100_100$_e$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.807	0.0	1.0	43.3	39.6	−30.9	50.2	321.9	0.875	0.0	1.0	45.7	48.0	−25.0	54.1	332.4	10.5	319	0.807	0.0	1.0	43.3	39.6	−30.9	50.2	321.9
40/656	M00R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	31.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
41/655	M13R_100_100$_e$	1.0	0.0	0.875	1.0	1.0	0.5	337	0.893	0.0	1.0	46.3	51.5	−23.7	56.7	335.2	1.0	0.0	0.875	48.7	74.0	−7.7	74.4	354.0	27.7	324	0.893	0.0	1.0	46.3	51.5	−23.7	56.7	335.2
42/654	M25R_100_100$_e$	1.0	0.0	0.75	1.0	1.0	0.5	344	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358.5	21.9	326	0.936	0.0	1.0	47.9	59.7	−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	0.986	0.0	1.0	49.6	68.7	−12.7	69.9	349.4	1.0	0.0	0.625	48.3	70.3	5.5	70.5	364.5	18.4	329	0.986	0.0	1.0	49.6	68.7	−12.7	69.9	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	0.975	49.8	71.7	−9.9	72.3	352.0	1.0	0.0	0.5	48.3	68.4	11.9	69.5	369.8	22.2	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	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	0.699	48.3	71.8	1.2	71.8	0.9	1.0	0.0	0.375	48.4	65.6	20.4	68.8	377.3	20.2	347	1.0	0.0	0.699	48.3	71.8	1.2	71.8	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	0.499	48.3	68.4	11.9	69.5	9.8	1.0	0.0	0.25	48.3	64.2	29.8	70.8	384.8	18.3	360	1.0	0.0	0.499	48.3	68.4	11.9	69.5	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	0.369	48.4	65.6	20.9	68.9	17.6	1.0	0.0	0.125	48.4	63.4	37.8	73.8	390.8	17.0	368	1.0	0.0	0.369	48.4	65.6	20.9	68.9	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	0.237	48.3	64.2	30.6	71.1	25.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	393.8	11.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	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	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
50/91	NW_013$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	16.8	0.0	−0.2	0.2	263.1	8.9	360	1.0	1.0	1.0	96.3	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	35.9	0.0	0.0	0.0	0.0	0.25	0.25	0.25	24.0	0.0	−0.9	0.9	267.7	11.9	360	1.0	1.0	1.0	96.3	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	46.0	0.0	0.0	0.0	0.0	0.375	0.375	0.375	37.4	0.0	−1.0	1.0	273.1	8.6	360	1.0	1.0	1.0	96.3	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	56.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	50.7	0.0	−1.2	1.2	274.4	5.4	360	1.0	1.0	1.0	96.3	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	66.1	0.0	0.0	0.0	0.0	0.625	0.625	0.625	63.3	0.1	−1.0	1.0	276.6	3.0	360	1.0	1.0	1.0	96.3	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	76.2	0.0	0.0	0.0	0.0	0.75	0.75	0.75	73.1	0.2	−0.4	0.5	293.1	3.1	360	1.0	1.0	1.0	96.3	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	86.3	0.1	−0.2	0.2	313.1	0.2	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta *E**' = *14.9***

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
colors and differences, ΔE^*'

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

1−0131734−F0

n/j	HIC*$_{Fe}$	*rgb*$_{Fe}$			*ict*$_{Fe}$			$h_{si\_F,e}$	*rgb**$_{Fe}$			*LabCh**$_{Fe}$					*rgb*'$_{Fe}$			*LabCh*'$_{Fe}$					*DE*'$_{Fe}$	$h_{siM,e}$	*rgb**$_{Me}$			*LabCh**$_{Me}$			
0/648	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	11.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
1/666	R25Y_100_100$_e$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40.0	1.5	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
2/684	R50Y_100_100$_e$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6	5.4	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
3/702	R75Y_100_100$_e$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89.2	20.7	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
4/720	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	18.9	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
5/558	Y25G_100_100$_e$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6	0.75	1.0	0.0	74.4	−37.9	65.2	75.5	120.1	21.0	96	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6
6/396	Y50G_100_100$_e$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3	17.0	109	0.663	1.0	0.0	69.4	−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	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145.1	1.2	153	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	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	0.754	58.4	−54.9	17.6	57.7	162.2	0.0	1.0	0.0	58.9	−58.6	41.3	71.8	144.8	24.0	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	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	0.754	58.4	−54.9	17.6	57.7	162.2	0.0	1.0	0.0	58.9	−58.6	41.3	71.8	144.8	24.0	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	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	0.915	59.0	−45.6	−7.7	46.3	189.6	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6	43.2	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
11/80	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3	7.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
12/44	G75B_100_100$_e$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6	10.7	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
13/8	B00M_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7	0.0	0.0	1.0	40.4	−5.3	−47.8	48.1	263.6	7.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
14/332	B25R_100_100$_e$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6	17.2	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
15/656	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	31.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	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	0.975	49.8	71.7	−9.9	72.3	352.0	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8	22.2	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	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	0.237	48.3	64.2	30.6	71.1	25.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	11.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	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	0.618	72.3	32.1	15.3	35.5	25.4	1.0	0.5	0.5	63.1	41.5	16.5	44.7	21.7	13.2	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
19/706	R50Y_100_050$_e$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.732	0.5	78.7	18.9	31.4	36.6	58.8	1.0	0.75	0.5	82.3	4.7	42.3	42.6	83.5	18.2	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
20/724	Y00G_100_050$_e$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.9	0.5	90.3	−1.7	42.9	42.9	92.3	1.0	1.0	0.5	94.0	−15.5	60.3	62.3	104.4	22.5	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
21/562	Y50G_100_050$_e$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.831	1.0	0.5	82.9	−21.8	28.7	36.1	127.2	0.75	1.0	0.5	80.8	−27.6	36.1	45.5	127.4	9.6	109	0.663	1.0	0.0	69.4	−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	0.877	77.4	−27.4	8.8	28.8	162.2	0.5	1.0	0.5	72.2	−36.6	27.9	46.0	142.6	21.8	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
23/404	G50B_100_050$_e$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	0.97	1.0	75.8	−19.4	−14.6	24.2	216.9	0.5	1.0	1.0	74.0	−22.7	−14.0	26.7	211.6	3.8	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
24/368	B00R_100_050$_e$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.698	0.5	1.0	67.2	0.7	−24.9	24.9	271.7	0.5	0.5	1.0	54.2	−8.5	−41.5	42.4	258.4	23.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
25/692	B50R_100_050$_e$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.925	0.5	1.0	70.6	22.5	−13.7	26.3	328.6	1.0	0.5	1.0	63.2	47.8	−12.3	49.4	345.4	26.3	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
26/688	R00Y_100_050$_e$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.618	72.3	32.1	15.3	35.5	25.4	1.0	0.5	0.5	63.1	41.5	16.5	44.7	21.7	13.2	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	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	0.368	52.2	32.1	15.3	35.5	25.4	0.75	0.25	0.25	41.3	53.8	24.5	59.1	24.5	25.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
28/524	R50Y_075_050$_e$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.482	0.25	58.6	18.9	31.4	36.6	58.8	0.75	0.5	0.25	62.8	12.5	46.7	48.4	74.9	17.1	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
29/542	Y00G_075_050$_e$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.65	0.25	70.2	−1.7	42.9	42.9	92.3	0.75	0.75	0.25	79.5	−16.5	77.3	79.1	102.0	38.6	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
30/380	Y50G_075_050$_e$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.581	0.75	0.25	62.7	−21.8	28.7	36.1	127.2	0.5	0.75	0.25	68.2	−44.6	49.3	66.5	132.1	31.1	109	0.663	1.0	0.0	69.4	−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	0.627	57.2	−27.4	8.8	28.8	162.2	0.25	0.75	0.25	58.6	−58.0	38.8	69.8	146.1	42.9	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
32/222	G50B_075_050$_e$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.72	0.75	55.7	−19.4	−14.6	24.2	216.9	0.25	0.75	0.75	64.4	−36.3	−6.4	36.9	190.1	20.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
33/186	B00R_075_050$_e$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.448	0.25	0.75	47.0	0.7	−24.9	24.9	271.7	0.25	0.25	0.75	41.0	−3.8	−49.0	49.1	265.4	25.2	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
34/510	B50R_075_050$_e$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.675	0.25	0.75	50.4	22.5	−13.7	26.3	328.6	0.75	0.25	0.75	42.1	45.5	−29.3	54.2	327.1	29.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
35/506	R00Y_075_050$_e$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.368	52.2	32.1	15.3	35.5	25.4	0.75	0.25	0.25	41.3	53.8	24.5	59.1	24.5	25.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	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	0.118	32.0	32.1	15.3	35.5	25.4	0.5	0.0	0.0	29.2	33.7	22.6	40.6	33.8	8.0	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
37/342	R50Y_050_050$_e$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.232	0.0	38.4	18.9	31.4	36.6	58.8	0.5	0.25	0.0	34.7	21.2	31.0	37.5	55.5	4.4	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
38/360	Y00G_050_050$_e$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.4	0.0	50.0	−1.7	42.9	42.9	92.3	0.5	0.5	0.0	55.9	−13.2	54.7	56.3	103.6	17.5	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
39/198	Y50G_050_050$_e$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.331	0.5	0.0	42.6	−21.8	28.7	36.1	127.2	0.25	0.5	0.0	49.7	−49.8	35.5	61.2	144.4	29.6	109	0.663	1.0	0.0	69.4	−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	0.377	37.1	−27.4	8.8	28.8	162.2	0.0	0.5	0.0	47.7	−54.5	31.7	63.1	149.8	37.0	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
41/40	G50B_050_050$_e$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.47	0.5	35.5	−19.4	−14.6	24.2	216.9	0.0	0.5	0.5	49.5	−58.1	−7.4	58.6	187.2	41.8	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
42/4	B00R_050_050$_e$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.198	0.0	0.5	26.9	0.7	−24.9	24.9	271.7	0.0	0.0	0.5	27.3	−1.5	−34.8	34.8	267.4	10.1	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
43/328	B50R_050_050$_e$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.425	0.0	0.5	30.3	22.5	−13.7	26.3	328.6	0.5	0.0	0.5	31.7	42.7	−31.0	52.8	324.0	26.6	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
44/324	R00Y_050_050$_e$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.118	32.0	32.1	15.3	35.5	25.4	0.5	0.0	0.0	29.2	33.7	22.6	40.6	33.8	8.0	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	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	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
46/91	NW_013$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	16.8	0.0	−0.2	0.2	263.1	8.9	360	1.0	1.0	1.0	96.3	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	35.9	0.0	0.0	0.0	0.0	0.25	0.25	0.25	24.0	0.0	−0.9	0.9	267.7	11.9	360	1.0	1.0	1.0	96.3	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	46.0	0.0	0.0	0.0	0.0	0.375	0.375	0.375	37.4	0.0	−1.0	1.0	273.1	8.6	360	1.0	1.0	1.0	96.3	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	56.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	50.7	0.0	−1.2	1.2	274.4	5.4	360	1.0	1.0	1.0	96.3	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	66.1	0.0	0.0	0.0	0.0	0.625	0.625	0.625	63.3	0.1	−1.0	1.0	276.6	3.0	360	1.0	1.0	1.0	96.3	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	76.2	0.0	0.0	0.0	0.0	0.75	0.75	0.75	73.1	0.2	−0.4	0.5	293.1	3.1	360	1.0	1.0	1.0	96.3	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	86.3	0.1	−0.2	0.2	313.1	0.2	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: delta *E' = *17.2***

TUB-test chart RE71; 1080 standard colours, *cf*=0,9
colors and differences, ΔE^*'

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

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

TUB material: code=rha4ta

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n=j	**HIC*$_{Fe}$**	***rgb*$_{Fe}$**			***ict*$_{Fe}$**			$h_{si\_F,e}$	***rgb**$_{Fe}$*			***LabCh**$_{Fe}$*				
0	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0
1	B00R_012_012$_e$	0.0	0.0	0.125	0.125	0.125	0.062	270	0.049	0.0	0.125	18.5	0.1	−6.2	6.2	271.7
2	B00R_025_025$_e$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.099	0.0	0.25	21.3	0.3	−12.4	12.4	271.7
3	B00R_037_037$_e$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.148	0.0	0.375	24.1	0.5	−18.6	18.7	271.7
4	B00R_050_050$_e$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.198	0.0	0.5	26.9	0.7	−24.9	24.9	271.7
5	B00R_062_062$_e$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.248	0.0	0.625	29.7	0.9	−31.1	31.1	271.7
6	B00R_075_075$_e$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.297	0.0	0.75	32.4	1.1	−37.3	37.4	271.7
7	B00R_087_087$_e$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.347	0.0	0.875	35.2	1.3	−43.6	43.6	271.7
8	B00R_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
9	G00B_012_012$_e$	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.094	21.1	−6.8	2.2	7.2	162.2
10	G50B_012_012$_e$	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.117	0.125	20.7	−4.8	−3.6	6.0	216.9
11	G75B_025_025$_e$	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.183	0.25	24.8	−6.0	−12.5	13.9	244.3
12	G84B_037_037$_e$	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.177	0.375	27.3	−5.2	−18.7	19.4	254.3
13	G88B_050_050$_e$	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.158	0.5	30.0	−4.8	−24.8	25.3	258.9
14	G90B_062_062$_e$	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.143	0.625	32.6	−4.5	−31.0	31.3	261.6
15	G92B_075_075$_e$	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.112	0.75	35.3	−4.1	−36.8	37.1	263.5
16	G93B_087_087$_e$	0.0	0.125	0.875	0.875	0.875	0.437	262	0.037	0.0	0.875	38.1	−4.1	−42.9	43.1	264.4
17	G94B_100_100$_e$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.155	0.0	1.0	40.8	−3.9	−49.1	49.3	265.3
18	G00B_025_025$_e$	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.188	26.4	−13.7	4.4	14.4	162.2
19	G25B_025_025$_e$	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.228	26.5	−11.4	−1.9	11.5	189.6
20	G50B_025_025$_e$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.235	0.25	25.6	−9.7	−7.3	12.1	216.9
21	G65B_037_037$_e$	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.307	0.375	29.7	−11.6	−16.2	20.0	234.3
22	G75B_050_050$_e$	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.366	0.5	33.9	−12.0	−25.1	27.8	244.3
23	G80B_062_062$_e$	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.361	0.625	36.2	−10.9	−31.4	33.2	250.7
24	G84B_075_075$_e$	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.354	0.75	39.0	−10.4	−37.4	38.9	254.3
25	G86B_087_087$_e$	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.324	0.875	41.5	−9.9	−43.5	44.6	257.1
26	G88B_100_100$_e$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9
27	G00B_037_037$_e$	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.282	31.7	−20.6	6.6	21.6	162.2
28	G15B_037_037$_e$	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.325	32.3	−17.6	0.1	17.6	179.5
29	G34B_037_037$_e$	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.36	31.6	−16.3	−5.8	17.3	199.6
30	G50B_037_037$_e$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.352	0.375	30.6	−14.5	−10.9	18.2	216.9
31	G61B_050_050$_e$	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.426	0.5	34.4	−16.8	−19.9	26.1	229.7
32	G69B_062_062$_e$	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.494	0.625	38.9	−18.0	−28.8	34.0	237.9
33	G75B_075_075$_e$	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.549	0.75	43.1	−18.0	−37.6	41.8	244.3
34	G79B_087_087$_e$	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.547	0.875	45.2	−16.9	−44.0	47.1	248.9
35	G81B_100_100$_e$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.553	1.0	48.1	−16.6	−50.2	52.8	251.6
36	G00B_050_050$_e$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.377	37.1	−27.4	8.8	28.8	162.2
37	G11B_050_050$_e$	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.419	37.6	−24.8	2.1	24.9	175.0
38	G25B_050_050$_e$	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.457	37.3	−22.8	−3.8	23.1	189.6
39	G38B_050_050$_e$	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.49	36.6	−21.0	−9.4	23.0	204.2
40	G50B_050_050$_e$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.47	0.5	35.5	−19.4	−14.6	24.2	216.9
41	G59B_062_062$_e$	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.545	0.625	39.2	−21.9	−23.5	32.1	227.0
42	G65B_075_075$_e$	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.614	0.75	43.7	−23.3	−32.5	40.1	234.3
43	G70B_087_087$_e$	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.68	0.875	48.1	−24.2	−41.5	48.1	239.7
44	G75B_100_100$_e$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
45	G00B_062_062$_e$	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.471	42.4	−34.3	11.0	36.0	162.2
46	G09B_062_062$_e$	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.512	42.9	−31.9	4.3	32.2	172.2
47	G19B_062_062$_e$	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.554	43.2	−28.9	−1.6	28.9	183.2
48	G30B_062_062$_e$	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.59	42.3	−27.7	−7.9	28.9	195.9
49	G40B_062_062$_e$	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.621	41.6	−25.6	−13.0	28.8	206.9
50	G50B_062_062$_e$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.588	0.625	40.4	−24.2	−18.2	30.3	216.9
51	G57B_075_075$_e$	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.664	0.75	44.1	−26.9	−27.0	38.1	225.1
52	G63B_087_087$_e$	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.734	0.875	48.4	−28.6	−36.1	46.1	231.5
53	G68B_100_100$_e$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.798	1.0	52.9	−29.4	−45.5	54.2	237.0
54	G00B_075_075$_e$	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.565	47.8	−41.2	13.2	43.2	162.2
55	G07B_075_075$_e$	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.606	48.2	−38.9	6.5	39.4	170.4
56	G15B_075_075$_e$	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.651	48.8	−35.2	0.2	35.2	179.5
57	G25B_075_075$_e$	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.686	48.2	−34.2	−5.7	34.7	189.6
58	G34B_075_075$_e$	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.72	47.4	−32.6	−11.6	34.6	199.6
59	G42B_075_075$_e$	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.747	0.75	46.7	−30.3	−16.6	34.6	208.7
60	G50B_075_075$_e$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.705	0.75	45.4	−29.1	−21.9	36.4	216.9
61	G56B_087_087$_e$	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.78	0.875	49.0	−31.7	−30.9	44.3	224.2
62	G61B_100_100$_e$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7
63	G00B_087_087$_e$	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.66	53.1	−48.0	15.4	50.4	162.2
64	G06B_087_087$_e$	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.702	53.6	−45.7	8.4	46.5	169.5
65	G13B_087_087$_e$	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.744	54.1	−42.5	2.3	42.6	176.8
66	G20B_087_087$_e$	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.783	54.0	−40.4	−3.5	40.5	185.0
67	G29B_087_087$_e$	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.819	53.1	−39.2	−9.9	40.4	194.1
68	G36B_087_087$_e$	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.851	52.4	−37.3	−15.3	40.4	202.3
69	G43B_087_087$_e$	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.867	0.875	51.6	−35.3	−20.1	40.6	209.6
70	G50B_087_087$_e$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.823	0.875	50.3	−33.9	−25.5	42.5	216.9
71	G55B_100_100$_e$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.897	1.0	54.0	−36.6	−34.6	50.4	223.3
72	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
73	G05B_100_100$_e$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.796	58.9	−52.7	10.6	53.7	168.6
74	G11B_100_100$_e$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.838	59.4	−49.6	4.3	49.8	175.0
75	G18B_100_100$_e$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.882	59.7	−46.3	−1.8	46.4	182.3
76	G25B_100_100$_e$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
77	G31B_100_100$_e$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.948	58.2	−44.2	−13.4	46.2	196.9
78	G38B_100_100$_e$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.981	57.5	−42.0	−18.9	46.1	204.2
79	G44B_100_100$_e$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	0.984	1.0	56.6	−40.2	−23.7	46.7	210.5
80	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9

***rgb*'$_{Fe}$**			***LabCh*'$_{Fe}$**					***DE*'$_{Fe}$**	$h_{siM,e}$	***rgb**$_{Me}$*			***LabCh**$_{Me}$*				
0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
0.0	0.0	0.125	16.2	−0.8	−0.8	1.2	225.9	5.9	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
0.0	0.0	0.25	20.7	−3.1	−9.1	9.7	251.0	4.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
0.0	0.0	0.375	21.2	−0.8	−25.3	25.3	268.0	7.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
0.0	0.0	0.5	27.3	−1.5	−34.8	34.8	267.4	10.1	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
0.0	0.0	0.625	32.1	−3.2	−38.4	38.5	265.1	8.7	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
0.0	0.0	0.75	35.6	−4.3	−42.2	42.4	264.0	8.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
0.0	0.0	0.875	37.8	−4.1	−45.6	45.8	264.8	6.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
0.0	0.0	1.0	40.4	−5.3	−47.8	48.1	263.6	7.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
0.0	0.125	0.0	23.1	−24.2	9.1	25.9	159.3	18.8	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
0.0	0.125	0.125	17.4	−11.4	−4.3	12.2	200.8	7.3	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
0.0	0.125	0.25	22.8	−6.1	−23.7	24.5	255.4	11.3	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
0.0	0.125	0.375	27.2	−2.6	−34.0	34.1	265.5	15.4	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
0.0	0.125	0.5	31.3	−3.4	−38.5	38.6	264.8	13.7	251	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9
0.0	0.125	0.625	35.1	−3.9	−41.8	42.0	264.6	11.1	257	0.0	0.229	1.0	42.7	−7.2	−49.6	50.1	261.6
0.0	0.125	0.75	37.7	−4.8	−44.4	44.7	263.7	8.0	262	0.0	0.149	1.0	41.8	−5.5	−49.1	49.4	263.5
0.0	0.125	0.875	39.6	−4.4	−47.1	47.3	264.5	4.5	272	0.042	0.0	1.0	41.3	−4.7	−49.0	49.2	264.4
0.0	0.125	1.0	41.5	−5.0	−49.0	49.2	264.0	1.3	278	0.155	0.0	1.0	40.8	−3.9	−49.1	49.3	265.3
0.0	0.25	0.0	32.6	−40.9	19.0	45.1	155.0	31.4	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
0.0	0.25	0.125	31.7	−46.5	17.3	49.7	159.5	40.4	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
0.0	0.25	0.25	26.8	−29.3	−6.7	30.0	192.9	19.6	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
0.0	0.25	0.375	32.8	−13.6	−34.1	36.7	248.2	18.1	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
0.0	0.25	0.5	36.6	−6.9	−42.8	43.4	260.7	18.6	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
0.0	0.25	0.625	39.7	−7.0	−45.2	45.8	261.1	14.8	234	0.0	0.577	1.0	48.5	−17.5	−50.2	53.2	250.7
0.0	0.25	0.75	41.6	−6.7	−47.8	48.3	261.9	11.2	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
0.0	0.25	0.875	42.3	−6.1	−49.5	49.8	262.9	7.1	248	0.0	0.37	1.0	45.2	−11.3	−49.7	51.0	257.1
0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261.2	2.3	251	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9
0.0	0.375	0.0	41.5	−49.4	26.8	56.2	151.5	36.5	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
0.0	0.375	0.125	40.5	−53.3	25.5	59.1	154.3	44.6	203	0.0	1.0	0.868	59.8	−47.0	0.3	47.0	179.5
0.0	0.375	0.25	41.2	−68.2	22.9	72.0	161.3	60.1	208	0.0	1.0	0.96	57.9	−43.5	−15.5	46.2	199.6
0.0	0.375	0.375	40.3	−48.4	−6.5	48.9	187.6	35.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
0.0	0.375	0.5	43.4	−22.7	−39.6	45.7	240.1	22.4	217	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7
0.0	0.375	0.625	45.0	−12.4	−47.6	49.2	255.3	20.5	221	0.0	0.791	1.0	52.8	−28.8	−46.1	54.4	237.9
0.0	0.375	0.75	44.2	−9.0	−49.4	50.2	259.6	14.8	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
0.0	0.375	0.875	44.3	−9.7	−49.7	50.6	258.9	9.2	231	0.0	0.626	1.0	49.4	−19.3	−50.3	53.9	248.9
0.0	0.375	1.0	45.3	−11.4	−49.7	51.0	256.9	5.8	236	0.0	0.553	1.0	48.1	−16.6	−50.2	52.8	251.6
0.0	0.5	0.0	47.7	−54.5	31.7	63.1	149.8	37.0	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
0.0	0.5	0.125	47.0	−56.7	30.9	64.6	151.3	44.0	201	0.0	1.0	0.838	59.4	−49.6	4.3	49.8	175.0
0.0	0.5	0.25	46.6	−63.9	28.5	70.0	155.9	53.1	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
0.0	0.5	0.375	47.8	−77.6	25.3	81.7	161.8	67.4	209	0.0	1.0	0.981	57.5	−42.0	−18.9	46.1	204.2
0.0	0.5	0.5	49.5	−58.1	−7.4	58.6	187.2	41.8	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
0.0	0.5	0.625	50.9	−33.5	−37.2	50.1	227.9	21.5	216	0.0	0.872	1.0	53.3	−35.0	−37.6	51.4	227.0
0.0	0.5	0.75	49.0	−16.8	−49.5	52.3	251.2	18.9	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
0.0	0.5	0.875	46.9	−14.1	−49.8	51.8	254.2	13.1	222	0.0	0.778	1.0	52.8	−27.6	−47.5	54.9	239.7
0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6	10.7	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
0.0	0.625	0.0	52.2	−57.6	35.4	67.6	148.3	35.1	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
0.0	0.625	0.125	51.5	−60.2	34.5	69.4	150.1	42.3	200	0.0	1.0	0.82	59.2	−51.0	6.9	51.5	172.2
0.0	0.625	0.25	51.7	−64.2	34.0	72.6	152.1	50.8	204	0.0	1.0	0.886	59.6	−46.3	−2.6	46.3	183.2
0.0	0.625	0.375	51.5	−72.1	32.4	79.0	155.7	60.6	207	0.0	1.0	0.944	58.3	−44.4	−12.7	46.2	195.9
0.0	0.625	0.5	50.2	−72.2	17.0	74.2	166.7	56.0	209	0.0	1.0	0.993	57.2	−41.1	−20.8	46.1	206.9
0.0	0.625	0.625	51.8	−55.1	−12.5	56.5	192.8	33.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
0.0	0.625	0.75	52.5	−37.6	−36.2	52.2	223.9	16.4	216	0.0	0.885	1.0	53.6	−35.8	−36.1	50.9	225.1
0.0	0.625	0.875	51.6	−22.3	−50.2	54.9	245.9	15.7	218	0.0	0.839	1.0	53.1	−32.7	−41.2	52.7	231.5
0.0	0.625	1.0	49.4	−19.3	−50.3	53.8	248.9	11.7	220	0.0	0.798	1.0	52.9	−29.4	−45.5	54.2	237.0
0.0	0.75	0.0	57.0	−60.2	38.8	71.6	147.1	33.2	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
0.0	0.75	0.125	56.7	−62.2	38.3	73.0	148.3	40.2	199	0.0	1.0	0.808	59.1	−51.9	8.7	52.6	170.4
0.0	0.75	0.25	55.8	−63.6	37.3	73.8	149.5	47.2	203	0.0	1.0	0.868	59.8	−47.0	0.3	47.0	179.5
0.0	0.75	0.375	54.7	−65.6	35.4	74.5	151.6	52.1	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
0.0	0.75	0.5	54.2	−65.8	27.3	71.2	157.4	51.6	208	0.0	1.0	0.96	57.9	−43.5	−15.5	46.2	199.6
0.0	0.75	0.625	55.5	−57.3	7.6	57.8	172.4	37.3	210	0.0	0.997	1.0	57.0	−40.5	−22.2	46.2	208.7
0.0	0.75	0.75	55.2	−48.5	−14.0	50.5	196.1	23.1	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
0.0	0.75	0.875	52.7	−36.7	−37.2	52.2	225.3	8.7	215	0.0	0.891	1.0	53.8	−36.2	−35.3	50.6	224.2
0.0	0.75	1.0	52.6	−24.9	−50.1	56.0	243.5	13.5	217	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7
0.0	0.875	0.0	58.9	−58.7	40.8	71.5	145.1	28.2	196

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**$_{Me}$				
81	R00Y_012_012$_e$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.029	19.8	8.0	3.8	8.8	25.4	0.125	0.0	0.0	17.2	1.4	0.5	1.4	19.6	7.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
82	B50R_012_012$_e$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.106	0.0	0.125	19.4	5.6	−3.4	6.5	328.6	0.125	0.0	0.125	17.3	6.5	−10.2	12.1	302.8	7.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
83	B25R_025_025$_e$	0.125	0.0	0.25	0.25	0.25	0.125	300	0.164	0.0	0.25	21.4	5.8	−10.1	11.7	300.1	0.125	0.0	0.25	22.6	5.8	−32.5	33.0	280.1	22.4	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
84	B15R_037_037$_e$	0.125	0.0	0.375	0.375	0.375	0.187	289	0.217	0.0	0.375	23.7	6.0	−16.7	17.7	289.7	0.125	0.0	0.375	25.5	2.8	−35.8	35.9	274.4	19.4	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
85	B11R_050_050$_e$	0.125	0.0	0.5	0.5	0.5	0.25	284	0.271	0.0	0.5	26.2	6.2	−23.1	23.9	285.0	0.125	0.0	0.5	29.9	2.4	−41.4	41.5	273.3	19.0	302	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0
86	B09R_062_062$_e$	0.125	0.0	0.625	0.625	0.625	0.312	281	0.325	0.0	0.625	28.7	6.3	−29.5	30.1	282.1	0.125	0.0	0.625	34.0	−0.1	−43.6	43.6	269.8	16.4	301	0.52	0.0	1.0	36.5	10.1	−47.2	48.2	282.1
87	B07R_075_075$_e$	0.125	0.0	0.75	0.75	0.75	0.375	279	0.378	0.0	0.75	31.3	6.4	−35.8	36.3	280.2	0.125	0.0	0.75	36.5	−1.5	−45.6	45.6	268.0	13.7	300	0.505	0.0	1.0	36.4	8.6	−47.7	48.5	280.2
88	B06R_087_087$_e$	0.125	0.0	0.875	0.875	0.875	0.437	278	0.434	0.0	0.875	33.9	6.8	−42.0	42.5	279.3	0.125	0.0	0.875	38.6	−3.0	−47.6	47.7	266.3	12.3	299	0.496	0.0	1.0	36.5	7.8	−48.0	48.6	279.3
89	B05R_100_100$_e$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.483	0.0	1.0	36.7	7.1	−48.2	48.7	278.3	0.125	0.0	1.0	40.9	−4.1	−49.0	49.2	265.1	12.0	298	0.483	0.0	1.0	36.7	7.1	−48.2	48.7	278.3
90	Y00G_012_012$_e$	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.1	0.0	24.3	−0.4	10.7	10.7	92.3	0.125	0.125	0.0	18.5	−1.7	1.7	2.4	134.9	10.8	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
91	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	16.8	0.0	−0.2	0.2	263.1	8.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
92	B00R_025_012$_e$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.174	0.124	0.25	28.6	0.1	−6.2	6.2	271.7	0.125	0.125	0.25	23.8	−2.4	−24.8	24.9	264.3	19.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
93	B00R_037_025$_e$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.224	0.124	0.375	31.4	0.3	−12.4	12.4	271.7	0.125	0.125	0.375	30.3	−2.3	−38.9	39.0	266.4	26.6	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
94	B00R_050_037$_e$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.273	0.124	0.5	34.2	0.5	−18.6	18.7	271.7	0.125	0.125	0.5	34.2	−1.6	−44.5	44.5	267.9	25.9	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
95	B00R_062_050$_e$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.323	0.125	0.625	36.9	0.7	−24.9	24.9	271.7	0.125	0.125	0.625	37.0	−2.9	−45.4	45.5	266.3	20.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
96	B00R_075_062$_e$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.373	0.125	0.75	39.7	0.9	−31.1	31.1	271.7	0.125	0.125	0.75	38.7	−3.7	−46.8	47.0	265.4	16.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
97	B00R_087_075$_e$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.422	0.125	0.875	42.5	1.1	−37.3	37.4	271.7	0.125	0.125	0.875	40.5	−4.4	−48.5	48.7	264.7	12.6	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
98	B00R_100_087$_e$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.472	0.125	1.0	45.3	1.3	−43.6	43.6	271.7	0.125	0.125	1.0	41.2	−4.7	−49.4	49.6	264.5	9.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
99	Y50G_025_025$_e$	0.125	0.25	0.0	0.25	0.25	0.125	120	0.165	0.25	0.0	29.2	−10.9	14.3	18.0	127.2	0.125	0.25	0.0	31.5	−35.8	18.7	40.4	152.3	25.3	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
100	G00B_025_012$_e$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.219	31.1	−6.8	2.2	7.2	162.2	0.125	0.25	0.125	31.8	−27.7	12.8	30.5	155.1	23.3	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
101	G50B_025_012$_e$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.242	0.25	30.8	−4.8	−3.6	6.0	216.9	0.125	0.25	0.25	27.5	−19.2	−7.1	20.5	200.5	15.1	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
102	G75B_037_025$_e$	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.308	0.375	34.9	−6.0	−12.5	13.9	244.3	0.125	0.25	0.375	33.0	−12.3	−28.1	30.7	246.2	16.9	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
103	G84B_050_037$_e$	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.302	0.5	37.4	−5.2	−18.7	19.4	254.3	0.125	0.25	0.5	38.0	−8.8	−42.0	42.9	258.0	23.5	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
104	G88B_062_050$_e$	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.283	0.625	40.0	−4.8	−24.8	25.3	258.9	0.125	0.25	0.625	40.6	−6.2	−46.9	47.3	262.4	22.1	251	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9
105	G90B_075_062$_e$	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.268	0.75	42.7	−4.5	−31.0	31.3	261.6	0.125	0.25	0.75	41.9	−6.1	−48.7	49.1	262.8	17.8	257	0.0	0.229	1.0	42.7	−7.2	−49.6	50.1	261.6
106	G92B_087_075$_e$	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.237	0.875	45.4	−4.1	−36.8	37.1	263.5	0.125	0.25	0.875	42.4	−6.8	−49.5	49.9	262.1	13.2	262	0.0	0.149	1.0	41.8	−5.5	−49.1	49.4	263.5
107	G93B_100_087$_e$	0.125	0.25	1.0	1.0	0.875	0.562	262	0.162	0.125	1.0	48.2	−4.1	−42.9	43.1	264.4	0.125	0.25	1.0	42.6	−7.5	−49.4	50.0	261.3	9.2	272	0.042	0.0	1.0	41.3	−4.7	−49.0	49.2	264.4
108	Y68G_037_037$_e$	0.125	0.375	0.0	0.375	0.375	0.187	131	0.175	0.375	0.0	32.9	−20.4	17.1	26.7	140.0	0.125	0.375	0.0	41.2	−47.5	25.9	54.2	151.3	29.6	122	0.467	1.0	0.0	61.4	−54.6	45.6	71.2	140.0
109	G00B_037_025$_e$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.313	36.5	−13.7	4.4	14.4	162.2	0.125	0.375	0.125	40.8	−50.6	25.2	56.6	153.4	42.6	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
110	G25B_037_025$_e$	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.353	36.6	−11.4	−1.9	11.5	189.6	0.125	0.375	0.25	39.9	−47.1	14.3	49.3	163.0	39.4	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
111	G50B_037_025$_e$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.36	0.375	35.7	−9.7	−7.3	12.1	216.9	0.125	0.375	0.375	38.4	−35.9	−8.8	37.0	193.8	26.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
112	G65B_050_037$_e$	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.432	0.5	39.8	−11.6	−16.2	20.0	234.3	0.125	0.375	0.5	41.0	−20.8	−33.2	39.2	237.9	19.2	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
113	G75B_062_050$_e$	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.491	0.625	44.0	−12.0	−25.1	27.8	244.3	0.125	0.375	0.625	44.4	−13.5	−45.9	47.8	253.5	20.8	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
114	G80B_075_062$_e$	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.486	0.75	46.3	−10.9	−31.4	33.2	250.7	0.125	0.375	0.75	44.9	−10.0	−49.1	50.1	258.4	17.8	234	0.0	0.577	1.0	48.5	−17.5	−50.2	53.2	250.7
115	G84B_087_075$_e$	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.479	0.875	49.0	−10.4	−37.4	38.9	254.3	0.125	0.375	0.875	45.2	−10.8	−49.4	50.5	257.5	12.5	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
116	G86B_100_087$_e$	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.449	1.0	51.6	−9.9	−43.5	44.6	257.1	0.125	0.375	1.0	45.2	−11.5	−49.6	51.0	256.9	9.0	248	0.0	0.37	1.0	45.2	−11.3	−49.7	51.0	257.1
117	Y76G_050_050$_e$	0.125	0.5	0.0	0.5	0.5	0.25	136	0.0	0.5	0.034	36.9	−30.0	20.3	36.2	145.9	0.125	0.5	0.0	47.9	−53.6	31.9	62.4	149.2	28.5	153	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9
118	G00B_050_037$_e$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.407	41.8	−20.6	6.6	21.6	162.2	0.125	0.5	0.125	47.1	−57.3	31.0	65.1	151.5	44.4	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
119	G15B_050_037$_e$	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.45	42.3	−17.6	0.1	17.6	179.5	0.125	0.5	0.25	47.8	−64.8	29.5	71.2	155.4	55.8	203	0.0	1.0	0.868	59.8	−47.0	0.3	47.0	179.5
120	G34B_050_037$_e$	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.485	41.6	−16.3	−5.8	17.3	199.6	0.125	0.5	0.375	48.9	−66.7	19.3	69.4	163.7	56.8	208	0.0	1.0	0.96	57.9	−43.5	−15.5	46.2	199.6
121	G50B_050_037$_e$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.477	0.5	40.6	−14.5	−10.9	18.2	216.9	0.125	0.5	0.5	48.9	−52.8	−9.5	53.7	190.2	39.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
122	G61B_062_050$_e$	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.551	0.625	44.5	−16.8	−19.9	26.1	229.7	0.125	0.5	0.625	49.4	−32.4	−34.3	47.2	226.6	21.8	217	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7
123	G69B_075_062$_e$	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.619	0.75	49.0	−18.0	−28.8	34.0	237.9	0.125	0.5	0.75	48.7	−18.3	−47.5	50.9	248.8	18.6	221	0.0	0.791	1.0	52.8	−28.8	−46.1	54.4	237.9
124	G75B_087_075$_e$	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.674	0.875	53.1	−18.0	−37.6	41.8	244.3	0.125	0.5	0.875	47.9	−15.6	−49.6	52.0	252.5	13.2	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
125	G79B_100_087$_e$	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.672	1.0	55.3	−16.9	−44.0	47.1	248.9	0.125	0.5	1.0	48.0	−15.9	−49.7	52.2	252.1	9.2	231	0.0	0.626	1.0	49.4	−19.3	−50.3	53.9	248.9
126	Y81G_062_062$_e$	0.125	0.625	0.0	0.625	0.625	0.312	139	0.0	0.625	0.255	41.6	−38.3	22.6	44.5	149.4	0.125	0.625	0.0	51.7	−57.7	34.6	67.3	149.0	24.9	173	0.0	1.0	0.408	57.2	−61.3	36.2	71.2	149.4
127	G00B_062_050$_e$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.502	47.2	−27.4	8.8	28.8	162.2	0.125	0.625	0.125	51.3	−61.3	34.0	70.1	150.9	42.3	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
128	G11B_062_050$_e$	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.544	47.7	−24.8	2.1	24.9	175.0	0.125	0.625	0.25	52.2	−64.5	34.3	73.0	151.9	51.2	201	0.0	1.0	0.838	59.4	−49.6	4.3	49.8	175.0
129	G25B_062_050$_e$	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.582	47.4	−22.8	−3.8	23.1	189.6	0.125	0.625	0.375	52.1	−69.6	30.0	75.8	156.6	58.0	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
130	G38B_062_050$_e$	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.615	46.7	−21.0	−9.4	23.0	204.2	0.125	0.625	0.5	53.3	−62.7	12.8	64.1	168.4	47.8	209	0.0	1.0	0.981	57.5	−42.0	−18.9	46.1	204.2
131	G50B_062_050$_e$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.595	0.625	45.6	−19.4	−14.6	24.2	216.9	0.125	0.625	0.625	54.2	−51.3	−10.6	52.4	191.7	33.3	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
132	G59B_075_062$_e$	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.67	0.75	49.3	−21.9	−23.5	32.1	227.0	0.125	0.625	0.75	52.6	−40.0	−32.5	51.6	219.0	20.5	216	0.0	0.872	1.0	53.3	−35.0	−37.6	51.4	227.0
133	G65B_087_075$_e$	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.739	0.875	53.7	−23.3	−32.5	40.1	234.3	0.125	0.625	0.875	51.9	−24.3	−48.9	54.6	243.5	16.4	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
134	G70B_100_087$_e$	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.805	1.0	58.2	−24.2	−41.5	48.1	239.7	0.125	0.625	1.0	50.6	−20.8	−50.0	54.2	247.3	11.8	222	0.0	0.778	1.0	52.8	−27.6	−47.5	54.9	239.7
135	Y85G_075_075$_e$	0.125	0.75	0.0	0.75	0.75	0.375	141	0.0	0.75	0.376	46.8	−45.5	24.4	51.6	151.7	0.125	0.75	0.0	57.3	−58.5	39.6	70.6	145.8	22.5	180	0.0	1.0	0.502	57.1	−60.7	32.6	68.9	151.7
136	G00B_075_062$_e$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.596	52.5	−34.3	11.0	36.0	162.2	0.125	0.75	0.125	56.3	−61.5	38.4	72.5	147.9	38.8	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
137	G09B_075_062$_e$	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.637	53.0	−31.9	4.3	32.2	172.2	0.125	0.75	0.25	55.8	−63.1	37.1	73.3	149.5	45.4	200	0.0	1.0	0.82	59.2	−51.0	6.9	51.5	172.2
138	G19B_075_062$_e$	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.679	53.2	−28.9	−1.6	28.9	183.2	0.125	0.75	0.375	55.5	−63.4	34.0	71.9	151.7	49.6	204	0.0	1.0	0.886	59.6	−46.3	−2.6	46.3	183.2
139	G30B_075_062$_e$	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.715	52.4	−27.7	−7.9	28.9	195.9	0.125	0.75	0.5	56.0	−60.1	24.4	64.8	157.8	45.9	207	0.0	1.0	0.944	58.3	−44.4	−12.7	46.2	195.9
140	G40B_075_062$_e$	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.746	51.7	−25.6	−13.0	28.8	206.9	0.125	0.75	0.625	58.0	−51.9	7.6	52.5	171.5	34.0	209	0.0	1.0	0.993	57.2	−41.1	−20.8	46.1	206.9
141	G50B_075_062$_e$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.713	0.75	50.5	−24.2	−18.2	30.3	216.9	0.125	0.75	0.75	57.6	−44.4	−11.5	45.9	194.5	22.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
142	G57B_087_075$_e$	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.789	0.875	54.2	−26.9	−27.0	38.1	225.1	0.125	0.75	0.875	53.9	−36.7	−33.5	49.7	222.4	11.7	216	0.0	0.885	1.0	53.6	−35.8	−36.1	50.9	225.1
143	G63B_100_087$_e$	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	0.859	1.0	58.5	−28.6	−36.1	46.1	231.5	0.125	0.75	1.0	53.2	−23.8	−49.5	55.0	244.3	15.2	218	0.0	0.839	1.0	53.1	−32.7	−41.2	52.7	231.5
144	Y86G_087_087$_e$	0.125	0.875	0.0	0.875	0.875	0.437	142	0.0	0.875	0.488	52.0	−52.6	26.9	59.1	152.9	0.125	0.875	0.0	58.3	−59.1	40.7	71.8	145.4	16.5	183	0.0	1.0	0.558	57.2	−60.1	30.7	67.5	152.9
145	G00B_087_075$_e$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.69	57.8	−41.2	13.2	43.2	162.2	0.125	0.875	0.125	57.1	−61.6	39.4	73.2	147.3	33.2	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
146	G07B_087_075$_e$	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.731	58.3	−38.9	6.5	39.4	170.4	0.125	0.875	0.25	56.5	−61.8	37.1	72.1	149.0	38.2	199	0.0	1.0	0.808	59.1	−51.9	8.7	52.6	170.4
147	G15B_087_075$_e$	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.776	58.9	−35.2	0.2	35.2	179.5	0.125	0.875	0.375	56.8	−61.5	35.6	71.1	149.9	44.0	203	0.0	1.0	0.868	59.8	−47.0	0.3	47.0	179.5
148	G25B_087_075$_e$	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.811	58.2	−34.2	−5.7	34.7	189.6	0.125	0.875	0.5	57.2	−59.2	29.1	66.0	153.8	42.9	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
149	G34B_087_075$_e$	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.845	57.5	−32.6	−11.6	34.6	199.6	0.125	0.875	0.625	58.1	−55.0	19.1	58.3	160.8	38.0	208	0.0	1.0	0.96	57.9	−43.5	−15.5	46.2	199.6
150	G42B_087_075$_e$	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.872	0.875	56.7	−30.3	−16.6	34.6	208.7	0.125	0.875	0.75	59.6	−47.7	3.2	47.8	176.0	26.5	210	0.0	0.997	1.0	57.0	−40.5	−22.2	46.2	208.7
151	G50B_087_075$_e$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.83	0.875	55.5	−29.1	−21.9	36.4	216.9	0.125	0.875	0.875	58.5	−41.3	−14.6	43.8	199.5	14.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
152	G56B_100_087$_e$	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	0.905	1.0	59.1	−31.7	−30.9	44.3	224.2	0.125	0.875	1.0	54.9	−33.5	−35.6	48.9	226.7	6.5	215	0.0	0.891	1.0	53.8	−36.2	−35.3	50.6	224.2
153	Y88G_100_100$_e$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.0	1.0	0.614	57.2	−59.5	28.9	66.2	154.0	0.125	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	11.9	187	0.0	1.0	0.614	57.2	−59.5	28.9	66.2	154.0
154	G00B_100_087$_e$	0.125	1.0	0.125	1.0	0.875	0.562	150

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**$_{Me}$				
162	R00Y_025_025$_e$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.059	23.9	16.0	7.6	17.7	25.4	0.25	0.0	0.0	19.5	15.1	5.1	15.9	18.6	5.1	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
163	R00Y_025_025$_e$	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.243	24.3	17.9	−2.4	18.0	352.0	0.25	0.0	0.125	17.1	13.1	−2.8	13.4	347.8	8.5	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
164	B50R_025_025$_e$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.212	0.0	0.25	23.0	11.2	−6.8	13.1	328.6	0.25	0.0	0.25	20.4	19.7	−24.4	31.4	308.9	19.7	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
165	B34R_037_037$_e$	0.25	0.0	0.375	0.375	0.375	0.187	311	0.274	0.0	0.375	25.1	11.4	−13.3	17.6	310.5	0.25	0.0	0.375	25.5	23.4	−46.1	51.7	296.9	34.9	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
166	B25R_050_050$_e$	0.25	0.0	0.5	0.5	0.5	0.25	300	0.329	0.0	0.5	27.0	11.7	−20.2	23.4	300.1	0.25	0.0	0.5	31.8	10.3	−48.9	50.0	281.9	29.1	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
167	B19R_062_062$_e$	0.25	0.0	0.625	0.625	0.625	0.312	293	0.381	0.0	0.625	29.1	11.7	−26.9	29.3	293.5	0.25	0.0	0.625	34.3	1.5	−45.0	45.0	271.9	21.3	307	0.609	0.0	1.0	37.2	18.7	−43.0	46.9	293.5
168	B15R_075_075$_e$	0.25	0.0	0.75	0.75	0.75	0.375	289	0.434	0.0	0.75	31.7	12.0	−33.4	35.5	289.7	0.25	0.0	0.75	35.6	2.0	−47.4	47.4	272.4	17.6	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
169	B13R_087_087$_e$	0.25	0.0	0.875	0.875	0.875	0.437	286	0.487	0.0	0.875	34.2	12.1	−39.9	41.7	286.9	0.25	0.0	0.875	38.3	−0.3	−49.3	49.3	269.6	16.1	303	0.557	0.0	1.0	36.8	13.8	−45.6	47.7	286.9
170	B11R_100_100$_e$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0	0.25	0.0	1.0	40.3	−3.3	−49.3	49.4	266.0	16.4	302	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0
171	R50Y_025_025$_e$	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.116	0.0	27.1	9.4	15.7	18.3	58.8	0.25	0.125	0.0	20.3	7.1	9.5	11.9	53.0	9.4	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
172	R00Y_025_012$_e$	0.25	0.125	0.125	0.25	0.25	0.187	390	0.25	0.124	0.154	29.9	8.0	3.8	8.8	25.4	0.25	0.125	0.125	20.3	9.8	1.8	10.0	10.7	9.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
173	B50R_025_012$_e$	0.25	0.125	0.25	0.25	0.25	0.187	330	0.231	0.124	0.25	29.4	5.6	−3.4	6.5	328.6	0.25	0.125	0.25	24.0	15.8	−19.6	25.1	308.9	19.8	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
174	B25R_037_025$_e$	0.25	0.125	0.375	0.375	0.25	0.25	300	0.289	0.124	0.375	31.5	5.8	−10.1	11.7	300.1	0.25	0.125	0.375	31.4	16.6	−39.6	43.0	292.7	31.4	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
175	B15R_050_037$_e$	0.25	0.125	0.5	0.5	0.375	0.312	289	0.342	0.124	0.5	33.8	6.0	−16.7	17.7	289.7	0.25	0.125	0.5	33.6	10.9	−47.4	48.6	282.9	31.1	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
176	B11R_062_050$_e$	0.25	0.125	0.625	0.625	0.5	0.375	284	0.396	0.125	0.625	36.3	6.2	−23.1	23.9	285.0	0.25	0.125	0.625	36.4	4.1	−48.6	48.7	274.8	25.5	302	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0
177	B09R_075_062$_e$	0.25	0.125	0.75	0.75	0.625	0.437	281	0.45	0.125	0.75	38.8	6.3	−29.5	30.1	282.1	0.25	0.125	0.75	38.4	0.2	−48.7	48.7	270.2	20.1	301	0.52	0.0	1.0	36.5	10.1	−47.2	48.2	282.1
178	B07R_087_075$_e$	0.25	0.125	0.875	0.875	0.75	0.5	279	0.503	0.125	0.875	41.3	6.4	−35.8	36.3	280.2	0.25	0.125	0.875	40.1	−2.7	−49.1	49.1	266.8	16.2	300	0.505	0.0	1.0	36.4	8.6	−47.7	48.5	280.2
179	B06R_100_087$_e$	0.25	0.125	1.0	1.0	0.875	0.562	278	0.559	0.125	1.0	44.0	6.8	−42.0	42.5	279.3	0.25	0.125	1.0	41.1	−4.6	−49.3	49.5	264.6	13.9	299	0.496	0.0	1.0	36.5	7.8	−48.0	48.6	279.3
180	Y00G_025_025$_e$	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.2	0.0	32.9	−0.8	21.4	21.4	92.3	0.25	0.25	0.0	26.7	−6.5	18.8	19.8	109.0	8.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
181	Y00G_025_012$_e$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.225	0.124	34.4	−0.4	10.7	10.7	92.3	0.25	0.25	0.125	27.1	−5.6	17.5	18.4	107.9	11.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
182	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.25	0.25	0.25	24.0	0.0	−0.9	0.9	267.7	11.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
183	B00R_037_012$_e$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.299	0.249	0.375	38.7	0.1	−6.2	6.2	271.7	0.25	0.25	0.375	32.9	−2.2	−23.3	23.4	264.5	18.2	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
184	B00R_050_025$_e$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.349	0.249	0.5	41.5	0.3	−12.4	12.4	271.7	0.25	0.25	0.5	39.4	−1.7	−40.2	40.2	267.4	27.9	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
185	B00R_062_037$_e$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.398	0.25	0.625	44.2	0.5	−18.6	18.7	271.7	0.25	0.25	0.625	39.8	−1.9	−48.2	48.3	267.6	30.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
186	B00R_075_050$_e$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.448	0.25	0.75	47.0	0.7	−24.9	24.9	271.7	0.25	0.25	0.75	41.0	−3.8	−49.0	49.1	265.4	25.2	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
187	B00R_087_062$_e$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.498	0.25	0.875	49.8	0.9	−31.1	31.1	271.7	0.25	0.25	0.875	41.9	−5.8	−49.4	49.8	263.2	21.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
188	B00R_100_075$_e$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.547	0.25	1.0	52.6	1.1	−37.3	37.4	271.7	0.25	0.25	1.0	42.1	−6.5	−49.5	50.0	262.4	17.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
189	Y31G_037_037$_e$	0.25	0.375	0.0	0.375	0.375	0.187	109	0.304	0.375	0.0	39.5	−12.4	27.3	30.0	114.4	0.25	0.375	0.0	40.6	−34.7	29.7	45.7	139.4	22.4	100	0.813	1.0	0.0	79.1	−33.1	72.9	80.1	114.4
190	Y50G_037_025$_e$	0.25	0.375	0.125	0.375	0.25	0.25	120	0.29	0.375	0.124	39.2	−10.9	14.3	18.0	127.2	0.25	0.375	0.125	40.7	−32.2	28.6	43.1	138.4	25.6	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
191	G00B_037_012$_e$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.344	41.2	−6.8	2.2	7.2	162.2	0.25	0.375	0.25	40.6	−22.7	11.9	25.6	152.3	18.6	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
192	G50B_037_012$_e$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.367	0.375	40.8	−4.8	−3.6	6.0	216.9	0.25	0.375	0.375	36.5	−14.8	−6.5	16.1	203.7	11.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
193	G75B_050_025$_e$	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.433	0.5	45.0	−6.0	−12.5	13.9	244.3	0.25	0.375	0.5	43.0	−10.8	−25.5	27.7	246.9	14.0	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
194	G84B_062_037$_e$	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.427	0.625	47.5	−5.2	−18.7	19.4	254.3	0.25	0.375	0.625	44.8	−10.0	−41.2	42.4	256.3	23.2	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
195	G88B_075_050$_e$	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.408	0.75	50.1	−4.8	−24.8	25.3	258.9	0.25	0.375	0.75	44.3	−8.6	−48.9	49.6	259.9	25.0	251	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9
196	G90B_087_062$_e$	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.393	0.875	52.7	−4.5	−31.0	31.3	261.6	0.25	0.375	0.875	44.5	−9.5	−49.0	49.9	258.9	20.4	257	0.0	0.229	1.0	42.7	−7.2	−49.6	50.1	261.6
197	G92B_100_075$_e$	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.362	1.0	55.4	−4.1	−36.8	37.1	263.5	0.25	0.375	1.0	45.1	−11.3	−49.6	50.8	257.1	17.8	262	0.0	0.149	1.0	41.8	−5.5	−49.1	49.4	263.5
198	Y50G_050_050$_e$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.331	0.5	0.0	42.6	−21.8	28.7	36.1	127.2	0.25	0.5	0.0	49.7	−49.8	35.5	61.2	144.4	29.6	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
199	Y68G_050_037$_e$	0.25	0.5	0.125	0.5	0.375	0.312	131	0.3	0.5	0.124	42.9	−20.4	17.1	26.7	140.0	0.25	0.5	0.125	49.9	−49.9	36.2	61.7	144.0	35.8	122	0.467	1.0	0.0	61.4	−54.6	45.6	71.2	140.0
200	G00B_050_025$_e$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.438	46.6	−13.7	4.4	14.4	162.2	0.25	0.5	0.25	50.5	−47.0	30.2	55.9	147.2	42.3	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
201	G25B_050_025$_e$	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.478	46.7	−11.4	−1.9	11.5	189.6	0.25	0.5	0.375	50.7	−35.4	12.1	37.4	161.1	28.1	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
202	G50B_050_025$_e$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.485	0.5	45.8	−9.7	−7.3	12.1	216.9	0.25	0.5	0.5	49.0	−26.3	−9.3	27.9	199.5	17.1	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
203	G65B_062_037$_e$	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.557	0.625	49.9	−11.6	−16.2	20.0	234.3	0.25	0.5	0.625	49.3	−17.7	−27.8	32.9	237.5	13.0	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
204	G75B_075_050$_e$	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.616	0.75	54.1	−12.0	−25.1	27.8	244.3	0.25	0.5	0.75	49.6	−14.4	−42.5	44.9	251.1	18.2	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
205	G80B_087_062$_e$	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.611	0.875	56.4	−10.9	−31.4	33.2	250.7	0.25	0.5	0.875	48.8	−13.3	−47.8	49.7	254.3	18.2	234	0.0	0.577	1.0	48.5	−17.5	−50.2	53.2	250.7
206	G84B_100_075$_e$	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.604	1.0	59.1	−10.4	−37.4	38.9	254.3	0.25	0.5	1.0	50.4	−15.6	−47.7	50.2	251.8	14.4	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
207	Y61G_062_062$_e$	0.25	0.625	0.0	0.625	0.625	0.312	127	0.347	0.625	0.0	46.0	−31.6	31.1	44.3	135.4	0.25	0.625	0.0	54.1	−54.2	38.2	66.3	144.7	25.0	116	0.555	1.0	0.0	64.2	−50.5	49.8	70.9	135.4
208	Y76G_062_050$_e$	0.25	0.625	0.125	0.625	0.5	0.375	136	0.125	0.625	0.159	47.0	−30.0	20.3	36.2	145.9	0.25	0.625	0.125	54.2	−57.0	38.3	68.7	146.1	33.2	153	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9
209	G00B_062_037$_e$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.532	51.9	−20.6	6.6	21.6	162.2	0.25	0.625	0.25	56.9	−61.6	39.3	73.1	147.4	52.7	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
210	G15B_062_037$_e$	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.575	52.4	−17.6	0.1	17.6	179.5	0.25	0.625	0.375	57.9	−56.1	30.2	63.8	151.6	49.2	203	0.0	1.0	0.868	59.8	−47.0	0.3	47.0	179.5
211	G34B_062_037$_e$	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.61	51.7	−16.3	−5.8	17.3	199.6	0.25	0.625	0.5	60.9	−44.9	14.2	47.1	162.4	36.1	208	0.0	1.0	0.96	57.9	−43.5	−15.5	46.2	199.6
212	G50B_062_037$_e$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.602	0.625	50.7	−14.5	−10.9	18.2	216.9	0.25	0.625	0.625	61.1	−35.5	−7.0	36.2	191.1	23.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
213	G61B_075_050$_e$	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.676	0.75	54.6	−16.8	−19.9	26.1	229.7	0.25	0.625	0.75	57.0	−26.0	−26.1	36.9	225.0	11.3	217	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7
214	G69B_087_062$_e$	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.744	0.875	59.1	−18.0	−28.8	34.0	237.9	0.25	0.625	0.875	55.3	−17.8	−43.6	47.1	247.7	15.2	221	0.0	0.791	1.0	52.8	−28.8	−46.1	54.4	237.9
215	G75B_100_075$_e$	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.799	1.0	63.2	−18.0	−37.6	41.8	244.3	0.25	0.625	1.0	56.7	−17.2	−43.3	46.6	248.3	8.6	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
216	Y68G_075_075$_e$	0.25	0.75	0.0	0.75	0.75	0.375	131	0.35	0.75	0.0	50.0	−40.9	34.2	53.4	140.0	0.25	0.75	0.0	58.1	−57.2	40.7	70.2	144.5	19.2	122	0.467	1.0	0.0	61.4	−54.6	45.6	71.2	140.0
217	Y81G_075_062$_e$	0.25	0.75	0.125	0.75	0.625	0.437	139	0.125	0.75	0.38	51.7	−38.3	22.6	44.5	149.4	0.25	0.75	0.125	58.0	−59.6	40.9	72.4	145.5	28.7	173	0.0	1.0	0.408	57.2	−61.3	36.2	71.2	149.4
218	G00B_075_050$_e$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.627	57.2	−27.4	8.8	28.8	162.2	0.25	0.75	0.25	58.6	−58.0	38.8	69.8	146.1	42.9	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
219	G11B_075_050$_e$	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.669	57.7	−24.8	2.1	24.9	175.0	0.25	0.75	0.375	60.7	−54.4	34.6	64.5	147.5	44.0	201	0.0	1.0	0.838	59.4	−49.6	4.3	49.8	175.0
220	G25B_075_050$_e$	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.707	57.5	−22.8	−3.8	23.1	189.6	0.25	0.75	0.5	62.4	−49.5	24.5	55.2	153.6	39.2	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
221	G38B_075_050$_e$	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.74	56.8	−21.0	−9.4	23.0	204.2	0.25	0.75	0.625	64.9	−41.9	10.3	43.2	166.1	29.9	209	0.0	1.0	0.981	57.5	−42.0	−18.9	46.1	204.2
222	G50B_075_050$_e$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.72	0.75	55.7	−19.4	−14.6	24.2	216.9	0.25	0.75	0.75	64.4	−36.3	−6.4	36.9	190.1	20.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
223	G59B_087_062$_e$	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.795	0.875	59.3	−21.9	−23.5	32.1	227.0	0.25	0.75	0.875	60.9	−30.5	−27.4	41.1	221.9	9.6	216	0.0	0.872	1.0	53.3	−35.0	−37.6	51.4	227.0
224	G65B_100_075$_e$	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.864	1.0	63.8	−23.3	−32.5	40.1	234.3	0.25	0.75	1.0	60.9	−21.3	−41.7	46.8	242.9	9.8	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
225	Y73G_087_087$_e$	0.25	0.875	0.0	0.875	0.875	0.437	134	0.273	0.875	0.0	54.1	−50.5	37.3	62.8	143.5	0.25	0.875	0.0	58.8	−59.0	41.5	72.2	144.8	10.6	132	0.312	1.0	0.0	59.5	−57.7	42.6	71.8	143.5
226	Y85G_087_075$_e$	0.25	0.875	0.125	0.875	0.75	0.5	141	0.125	0.875	0.501	56.8	−45.5	24.4	51.6	151.7	0.25	0.875	0.125	57.8	−60.6	40.9	73.2	145.9	22.3	180	0.0	1.0	0.502	57.1	−60.7	32.6	68.9	151.7
227	G00B_087_062$_e$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.721	62.6	−34.3	11.0	36.0	162.2	0.25	0.875	0.25	58.5	−58.6	38.6	70.2	146.6	37.0	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
228	G09B_087_062$_e$	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.762	63.1	−31.9	4.3	32.2	172.2	0.25	0.875	0.375	60.2	−55.4	34.9	65.5	147.7	38.7	200	0.0	1.0	0.82	59.2	−51.0	6.9	51.5	172.2
229	G19B_087_062$_e$	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.804	63.3	−28.9	−1.6	28.9	183.2	0.25	0.875	0.5	61.1	−52.6	28.9	60.0	151.1	38.7	204	0.0	1.0	0.886	59.6	−46.3	−2.6	46.3	183.2
230	G30B_087_062$_e$	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.84	62.5	−27.7	−7.9	28.9	195.9	0.25	0.875	0.625	63.2	−46.8	18.3	50.2	158.5	32.5	207	0.0	1.0	0.944	58.3	−44.4	−12.7	46.2	195.9
231	G40B_087_062$_e$	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.871	61.8	−25.6	−13.0	28.8	206.9	0.25	0.875	0.75	64.7	−40.3	5.0	40.6	172.9	23.4	209	0.0	1.0	0.993	57.2	−41.1	−20.8	46.1	206.9
232	G50B_087_062$_e$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.838	0.875	60.6	−24.2	−18.2	30.3	216.9	0.25	0.875	0.875	64.3	−34.5	−11.7	36.4	198.7	12.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
233	G57B_100_075$_e$	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	0.914	1.0	64.3	−26.9	−27.0	38.1	225.1	0.25	0.875	1.0	61.1	−28.2	−31.3	42.2	227.9	5.4	216	0.0	0.885	1.0	53.6	−35.8	−36.1	50.9	225.1
234	Y76G_100_100$_e$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145.1	1.2	153	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9
235	Y86G_100_087$_e$	0.25	1.0	0.125	1.0	0.875

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

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*$_{Me}$***			
243	R00Y_037_037$_e$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.088	27.9	24.0	11.4	26.6	25.4	0.375	0.0	0.0	23.6	24.2	14.6	28.3	31.0	5.3	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
244	R18Y_037_037$_e$	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.236	28.0	26.4	1.9	26.4	4.3	0.375	0.0	0.125	23.0	26.0	4.9	26.5	10.7	5.8	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
245	B65R_037_037$_e$	0.375	0.0	0.25	0.375	0.375	0.187	349	0.362	0.0	0.375	28.2	24.5	−5.8	25.2	346.6	0.375	0.0	0.25	23.6	30.3	−10.4	32.0	340.9	8.6	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
246	B50R_037_037$_e$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.318	0.0	0.375	26.6	16.8	−10.3	19.7	328.6	0.375	0.0	0.375	26.6	33.7	−30.1	45.2	318.2	26.0	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
247	B38R_050_050$_e$	0.375	0.0	0.5	0.5	0.5	0.25	316	0.382	0.0	0.5	28.8	16.9	−16.7	23.8	315.3	0.375	0.0	0.5	29.7	31.6	−41.7	52.4	307.1	28.9	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3
248	B30R_062_062$_e$	0.375	0.0	0.625	0.625	0.625	0.312	307	0.44	0.0	0.625	30.8	17.5	−23.4	29.3	306.8	0.375	0.0	0.625	33.4	17.0	−45.9	48.9	290.4	22.5	313	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306.8
249	B25R_075_075$_e$	0.375	0.0	0.75	0.75	0.75	0.375	300	0.493	0.0	0.75	32.7	17.6	−30.3	35.1	300.1	0.375	0.0	0.75	35.4	6.6	−49.4	49.8	277.6	22.2	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
250	B20R_087_087$_e$	0.375	0.0	0.875	0.875	0.875	0.437	295	0.546	0.0	0.875	34.6	17.5	−36.9	40.9	295.4	0.375	0.0	0.875	36.9	2.3	−49.2	49.2	272.7	19.6	308	0.624	0.0	1.0	37.3	20.0	−42.2	46.7	295.4
251	B18R_100_100$_e$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.602	0.0	1.0	37.1	18.0	−43.4	47.0	292.5	0.375	0.0	1.0	38.3	0.0	−50.1	50.1	270.0	19.2	306	0.602	0.0	1.0	37.1	18.0	−43.4	47.0	292.5
252	R31Y_037_037$_e$	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.127	0.0	30.0	19.6	20.8	28.6	46.6	0.375	0.125	0.0	25.0	23.9	17.3	29.6	35.9	7.4	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
253	R00Y_037_025$_e$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.184	33.9	16.0	7.6	17.7	25.4	0.375	0.125	0.125	26.5	27.2	8.4	28.4	17.2	13.4	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
254	R00Y_037_025$_e$	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.368	34.3	17.9	−2.4	18.0	352.0	0.375	0.125	0.25	27.7	34.1	−10.0	35.5	343.5	19.0	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
255	B50R_037_025$_e$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.337	0.124	0.375	33.1	11.2	−6.8	13.1	328.6	0.375	0.125	0.375	29.2	35.4	−30.6	46.8	319.2	34.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
256	B34R_050_037$_e$	0.375	0.125	0.5	0.5	0.375	0.312	311	0.399	0.124	0.5	35.2	11.4	−13.3	17.6	310.5	0.375	0.125	0.5	31.2	31.0	−40.6	51.1	307.4	33.8	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
257	B25R_062_050$_e$	0.375	0.125	0.625	0.625	0.5	0.375	300	0.454	0.125	0.625	37.1	11.7	−20.2	23.4	300.1	0.375	0.125	0.625	34.5	19.4	−44.1	48.2	293.7	25.2	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
258	B19R_075_062$_e$	0.375	0.125	0.75	0.75	0.625	0.437	293	0.506	0.125	0.75	39.2	11.7	−26.9	29.3	293.5	0.375	0.125	0.75	36.4	8.4	−47.4	48.2	280.0	21.0	307	0.609	0.0	1.0	37.2	18.7	−43.0	46.9	293.5
259	B15R_087_075$_e$	0.375	0.125	0.875	0.875	0.75	0.5	289	0.559	0.125	0.875	41.7	12.0	−33.4	35.5	289.7	0.375	0.125	0.875	37.3	2.4	−49.6	49.7	272.8	19.3	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
260	B13R_100_087$_e$	0.375	0.125	1.0	1.0	0.875	0.562	286	0.612	0.125	1.0	44.2	12.1	−39.9	41.7	286.9	0.375	0.125	1.0	39.5	−2.4	−49.7	49.7	267.2	18.1	303	0.557	0.0	1.0	36.8	13.8	−45.6	47.7	286.9
261	R68Y_037_037$_e$	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.214	0.0	35.6	8.9	26.2	27.7	71.1	0.375	0.25	0.0	31.8	7.7	26.6	27.7	73.8	4.0	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
262	R50Y_037_025$_e$	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.241	0.124	37.2	9.4	15.7	18.3	58.8	0.375	0.25	0.125	34.6	5.6	23.3	24.0	76.5	8.9	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
263	R00Y_037_012$_e$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.279	40.0	8.0	3.8	8.8	25.4	0.375	0.25	0.25	33.1	10.8	1.4	10.9	7.5	7.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
264	B50R_037_012$_e$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.356	0.249	0.375	39.5	5.6	−3.4	6.5	328.6	0.375	0.25	0.375	36.2	15.3	−19.0	24.4	308.8	18.6	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
265	B25R_050_025$_e$	0.375	0.25	0.5	0.5	0.25	0.375	300	0.414	0.249	0.5	41.5	5.8	−10.1	11.7	300.1	0.375	0.25	0.5	40.6	16.6	−36.4	40.0	294.5	28.4	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
266	B15R_062_037$_e$	0.375	0.25	0.625	0.625	0.375	0.437	289	0.467	0.25	0.625	43.8	6.0	−16.7	17.7	289.7	0.375	0.25	0.625	40.4	11.5	−43.5	45.0	284.8	27.6	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
267	B11R_075_050$_e$	0.375	0.25	0.75	0.75	0.5	0.5	284	0.521	0.25	0.75	46.4	6.2	−23.1	23.9	285.0	0.375	0.25	0.75	40.2	2.5	−47.5	47.6	273.0	25.4	302	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0
268	B09R_087_062$_e$	0.375	0.25	0.875	0.875	0.625	0.562	281	0.575	0.25	0.875	48.9	6.3	−29.5	30.1	282.1	0.375	0.25	0.875	40.6	−2.0	−49.1	49.1	267.5	22.9	301	0.52	0.0	1.0	36.5	10.1	−47.2	48.2	282.1
269	B07R_100_075$_e$	0.375	0.25	1.0	1.0	0.75	0.625	279	0.628	0.25	1.0	51.4	6.4	−35.8	36.3	280.2	0.375	0.25	1.0	41.7	−5.3	−49.7	50.0	263.8	20.7	300	0.505	0.0	1.0	36.4	8.6	−47.7	48.5	280.2
270	Y00G_037_037$_e$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.3	0.0	41.4	−1.3	32.2	32.2	92.3	0.375	0.375	0.0	43.3	−11.0	40.7	42.2	105.1	13.1	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
271	Y00G_037_025$_e$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.325	0.124	42.9	−0.8	21.4	21.4	92.3	0.375	0.375	0.125	43.5	−10.5	38.3	39.7	105.3	19.4	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
272	Y00G_037_012$_e$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.35	0.249	44.5	−0.4	10.7	10.7	92.3	0.375	0.375	0.25	41.6	−6.5	16.9	18.1	111.2	9.1	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	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	46.0	0.0	0.0	0.0	0.0	0.375	0.375	0.375	37.4	0.0	−1.0	1.0	273.1	8.6	360	1.0	1.0	1.0	96.3	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	0.424	0.375	0.5	48.7	0.1	−6.2	6.2	271.7	0.375	0.375	0.5	46.2	−1.0	−20.7	20.8	267.0	14.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
275	B00R_062_025$_e$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.474	0.375	0.625	51.5	0.3	−12.4	12.4	271.7	0.375	0.375	0.625	47.7	−0.4	−36.9	37.0	269.2	24.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
276	B00R_075_037$_e$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.523	0.375	0.75	54.3	0.5	−18.6	18.7	271.7	0.375	0.375	0.75	46.6	−3.8	−45.3	45.4	265.1	28.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
277	B00R_087_050$_e$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.573	0.375	0.875	57.1	0.7	−24.9	24.9	271.7	0.375	0.375	0.875	45.7	−5.8	−46.9	47.3	262.8	25.6	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
278	B00R_100_062$_e$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.623	0.375	1.0	59.9	0.9	−31.1	31.1	271.7	0.375	0.375	1.0	45.8	−9.1	−48.3	49.1	259.2	24.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
279	Y23G_050_050$_e$	0.375	0.5	0.0	0.5	0.5	0.25	104	0.439	0.5	0.0	49.9	−13.5	40.3	42.5	108.6	0.375	0.5	0.0	53.4	−34.8	43.5	55.7	128.6	21.7	96	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6
280	Y31G_050_037$_e$	0.375	0.5	0.125	0.5	0.375	0.312	109	0.429	0.5	0.124	49.6	−12.4	27.3	30.0	114.4	0.375	0.5	0.125	54.6	−34.1	45.0	56.5	127.1	28.4	100	0.813	1.0	0.0	79.1	−33.1	72.9	80.1	114.4
281	Y50G_050_025$_e$	0.375	0.5	0.25	0.5	0.25	0.375	120	0.415	0.5	0.249	49.3	−10.9	14.3	18.0	127.2	0.375	0.5	0.25	55.3	−30.6	34.5	46.1	131.6	28.8	109	0.663	1.0	0.0	69.4	−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	0.469	51.3	−6.8	2.2	7.2	162.2	0.375	0.5	0.375	54.2	−21.6	13.2	25.4	148.4	18.7	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
283	G50B_050_012$_e$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.492	0.5	50.9	−4.8	−3.6	6.0	216.9	0.375	0.5	0.5	52.8	−13.7	−5.3	14.7	201.1	9.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
284	G75B_062_025$_e$	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.558	0.625	55.1	−6.0	−12.5	13.9	244.3	0.375	0.5	0.625	54.1	−10.1	−22.6	24.8	245.9	10.9	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
285	G84B_075_037$_e$	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.552	0.75	57.6	−5.2	−18.7	19.4	254.3	0.375	0.5	0.75	54.7	−9.1	−37.7	38.8	256.4	19.6	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
286	G88B_087_050$_e$	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.533	0.875	60.2	−4.8	−24.8	25.3	258.9	0.375	0.5	0.875	53.2	−10.0	−43.2	44.3	256.8	20.2	251	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9
287	G90B_100_062$_e$	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.518	1.0	62.8	−4.5	−31.0	31.3	261.6	0.375	0.5	1.0	52.5	−11.7	−44.4	46.0	255.1	18.4	257	0.0	0.229	1.0	42.7	−7.2	−49.6	50.1	261.6
288	Y38G_062_062$_e$	0.375	0.625	0.0	0.625	0.625	0.312	113	0.475	0.625	0.0	52.9	−23.2	41.6	47.7	119.1	0.375	0.625	0.0	57.8	−48.1	43.8	65.0	137.6	25.4	103	0.761	1.0	0.0	75.2	−37.1	66.6	76.3	119.1
289	Y50G_062_050$_e$	0.375	0.625	0.125	0.625	0.5	0.375	120	0.456	0.625	0.125	52.7	−21.8	28.7	36.1	127.2	0.375	0.625	0.125	60.6	−47.9	46.7	66.9	135.7	32.6	109	0.663	1.0	0.0	69.4	−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	0.425	0.625	0.25	53.0	−20.4	17.1	26.7	140.0	0.375	0.625	0.25	61.7	−50.9	44.1	67.4	139.0	41.6	122	0.467	1.0	0.0	61.4	−54.6	45.6	71.2	140.0
291	G00B_062_025$_e$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.563	56.6	−13.7	4.4	14.4	162.2	0.375	0.625	0.375	63.4	−42.1	29.7	51.5	144.7	38.6	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
292	G25B_062_025$_e$	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.603	56.8	−11.4	−1.9	11.5	189.6	0.375	0.625	0.5	64.6	−30.9	12.4	33.3	158.0	25.4	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
293	G50B_062_025$_e$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.61	0.625	55.8	−9.7	−7.3	12.1	216.9	0.375	0.625	0.625	63.5	−24.0	−4.3	24.4	190.2	16.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
294	G65B_075_037$_e$	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.682	0.75	59.9	−11.6	−16.2	20.0	234.3	0.375	0.625	0.75	61.0	−15.4	−25.9	30.1	239.2	10.3	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
295	G75B_087_050$_e$	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.741	0.875	64.2	−12.0	−25.1	27.8	244.3	0.375	0.625	0.875	62.6	−16.0	−38.0	41.2	247.1	13.6	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
296	G80B_100_062$_e$	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.736	1.0	66.4	−10.9	−31.4	33.2	250.7	0.375	0.625	1.0	61.4	−15.5	−39.1	42.1	248.3	10.2	234	0.0	0.577	1.0	48.5	−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	0.497	0.75	0.0	56.0	−32.8	43.1	54.2	127.2	0.375	0.75	0.0	59.4	−55.3	42.8	70.0	142.2	22.7	109	0.663	1.0	0.0	69.4	−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	0.472	0.75	0.125	56.1	−31.6	31.1	44.3	135.4	0.375	0.75	0.125	61.2	−54.9	44.6	70.8	140.9	27.4	116	0.555	1.0	0.0	64.2	−50.5	49.8	70.9	135.4
299	Y76G_075_050$_e$	0.375	0.75	0.25	0.75	0.5	0.5	136	0.25	0.75	0.284	57.1	−30.0	20.3	36.2	145.9	0.375	0.75	0.25	62.8	−52.4	40.1	66.0	142.5	30.4	153	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9
300	G00B_075_037$_e$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.657	62.0	−20.6	6.6	21.6	162.2	0.375	0.75	0.375	65.2	−47.6	33.3	58.1	145.0	38.1	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
301	G15B_075_037$_e$	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.7	62.5	−17.6	0.1	17.6	179.5	0.375	0.75	0.5	68.5	−40.6	23.4	46.9	150.0	33.3	203	0.0	1.0	0.868	59.8	−47.0	0.3	47.0	179.5
302	G34B_075_037$_e$	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.735	61.8	−16.3	−5.8	17.3	199.6	0.375	0.75	0.625	71.1	−33.7	9.9	35.2	163.6	25.2	208	0.0	1.0	0.96	57.9	−43.5	−15.5	46.2	199.6
303	G50B_075_037$_e$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.727	0.75	60.8	−14.5	−10.9	18.2	216.9	0.375	0.75	0.75	70.0	−28.9	−6.1	29.6	191.9	17.8	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
304	G61B_087_050$_e$	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.801	0.875	64.7	−16.8	−19.9	26.1	229.7	0.375	0.75	0.875	68.2	−23.9	−25.5	35.0	226.7	9.7	217	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7
305	G69B_100_062$_e$	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.869	1.0	69.2	−18.0	−28.8	34.0	237.9	0.375	0.75	1.0	67.7	−19.0	−34.7	39.6	241.3	6.1	221	0.0	0.791	1.0	52.8	−28.8	−46.1	54.4	237.9
306	Y58G_087_087$_e$	0.375	0.875	0.0	0.875	0.875	0.437	125	0.514	0.875	0.0	59.4	−42.4	45.3	62.0	133.0	0.375	0.875	0.0	61.1	−55.4	45.1	71.4	140.8	13.1	114	0.587	1.0	0.0	65.6	−48.4	51.8	70.9	133.0
307	Y68G_087_075$_e$	0.375	0.875	0.125	0.875	0.75	0.5	131	0.475	0.875	0.125	60.0	−40.9	34.2	53.4	140.0	0.375	0.875	0.125	61.3	−54.9	44.8	70.9	140.7	17.6	122	0.467	1.0	0.0	61.4	−54.6	45.6	71.2	140.0
308	Y81G_087_062$_e$	0.375	0.875	0.25	0.875	0.625	0.562	139	0.25	0.875	0.505	61.8	−38.3	22.6	44.5	149.4	0.375	0.875	0.25	63.4	−51.1	40.8	65.4	141.4	22.2	173	0.0	1.0	0.408	57.2	−61.3	36.2	71.2	149.4
309	G00B_087_050$_e$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.752	67.3	−27.4	8.8	28.8	162.2	0.375	0.875	0.375	64.9	−48.0	35.2	59.5	143.7	33.5	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
310	G11B_087_050$_e$	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.794	67.8	−24.8	2.1	24.9	175.0	0.375	0.875	0.5	67.5	−43.1	28.4	51.6	146.5	32.0	201	0.0	1.0	0.838	59.4	−49.6	4.3	49.8	175.0
311	G25B_087_050$_e$	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.832	67.6	−22.8	−3.8	23.1	189.6	0.375	0.875	0.625	69.9	−37.6	19.8	42.5	152.2	28.0	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
312	G38B_087_050$_e$	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.865	66.8	−21.0	−9.4	23.0	204.2	0.375	0.875	0.75	71.5	−32.3	6.0	32.8	169.3	19.7	209	0.0	1.0	0.981	57.5	−42.0	−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	0.845	0.875	65.7	−19.4	−14.6	24.2	216.9	0.375	0.875	0.875	70.4	−28.7	−8.6	30.0	196.6	12.0	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
314	G59B_100_062$_e$	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	0.92	1.0	69.4	−21.9	−23.5	32.1	227.0	0.375	0.875	1.0	68.2	−22.6	−27.1	35.3	230.1	3.8	216	0.0	0.872	1.0	53.3	−35.0	−37.6	51.4	227.0
315	Y63G_100_100$_e$	0.375

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)
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**$_{Me}$				
324	R00Y_050_050$_e$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.118	32.0	32.1	15.3	35.5	25.4	0.5	0.0	0.0	29.2	33.7	22.6	40.6	33.8	8.0	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
325	R26Y_050_050$_e$	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.249	32.0	34.2	5.9	34.7	9.8	0.5	0.0	0.125	29.4	34.1	16.7	38.0	26.0	11.0	360	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8
326	R00Y_050_050$_e$	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.487	32.8	35.8	−4.9	36.1	352.0	0.5	0.0	0.25	28.3	38.6	−2.1	38.7	356.8	6.0	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
327	B61R_050_050$_e$	0.5	0.0	0.375	0.5	0.5	0.25	344	0.468	0.0	0.5	31.8	29.8	−9.7	31.4	341.8	0.5	0.0	0.375	30.4	42.8	−17.9	46.4	337.2	15.3	326	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8
328	B50R_050_050$_e$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.425	0.0	0.5	30.3	22.5	−13.7	26.3	328.6	0.5	0.0	0.5	31.7	42.7	−31.0	52.8	324.0	26.6	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
329	B40R_062_062$_e$	0.5	0.0	0.625	0.625	0.625	0.312	319	0.489	0.0	0.625	32.5	22.7	−20.3	30.5	318.1	0.5	0.0	0.625	32.9	35.2	−38.1	51.9	312.7	21.7	318	0.782	0.0	1.0	42.5	36.4	−32.5	48.8	318.1
330	B34R_075_075$_e$	0.5	0.0	0.75	0.75	0.75	0.375	311	0.548	0.0	0.75	34.5	22.9	−26.7	35.2	310.5	0.5	0.0	0.75	35.4	23.5	−42.2	48.3	299.1	15.5	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
331	B29R_087_087$_e$	0.5	0.0	0.875	0.875	0.875	0.437	305	0.605	0.0	0.875	36.5	23.4	−33.6	41.0	304.9	0.5	0.0	0.875	36.6	12.2	−46.0	47.6	284.9	16.6	312	0.691	0.0	1.0	39.5	26.8	−38.4	46.8	304.9
332	B25R_100_100$_e$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6	17.2	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
333	R23Y_050_050$_e$	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.132	0.0	33.1	29.3	25.5	38.9	41.0	0.5	0.125	0.0	30.4	36.7	26.6	45.4	35.9	7.9	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
334	R00Y_050_037$_e$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.213	38.0	24.0	11.4	26.6	25.4	0.5	0.125	0.125	31.1	38.1	16.2	41.4	23.0	16.3	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
335	R18Y_050_037$_e$	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.361	38.0	26.4	1.9	26.4	4.3	0.5	0.125	0.25	29.8	40.6	−2.3	40.6	356.7	16.9	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
336	B65R_050_037$_e$	0.5	0.125	0.375	0.5	0.375	0.312	349	0.487	0.124	0.5	38.3	24.5	−5.8	25.2	346.6	0.5	0.125	0.375	32.0	45.2	−18.0	48.7	338.2	24.8	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
337	B50R_050_037$_e$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.443	0.124	0.5	36.7	16.8	−10.3	19.7	328.6	0.5	0.125	0.5	33.0	44.5	−31.3	54.5	324.8	34.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
338	B38R_062_050$_e$	0.5	0.125	0.625	0.625	0.5	0.375	316	0.507	0.125	0.625	38.9	16.9	−16.7	23.8	315.3	0.5	0.125	0.625	34.4	34.5	−37.6	51.0	312.5	27.5	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3
339	B30R_075_062$_e$	0.5	0.125	0.75	0.75	0.625	0.437	307	0.565	0.125	0.75	40.9	17.5	−23.4	29.3	306.8	0.5	0.125	0.75	36.4	23.5	−41.6	47.8	299.5	19.6	313	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306.8
340	B25R_087_075$_e$	0.5	0.125	0.875	0.875	0.75	0.5	300	0.618	0.125	0.875	42.8	17.6	−30.3	35.1	300.1	0.5	0.125	0.875	37.4	15.1	−44.2	46.7	288.9	15.0	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
341	B20R_100_087$_e$	0.5	0.125	1.0	1.0	0.875	0.562	295	0.671	0.125	1.0	44.6	17.5	−36.9	40.9	295.4	0.5	0.125	1.0	37.8	7.0	−47.4	47.9	278.4	16.3	308	0.624	0.0	1.0	37.3	20.0	−42.2	46.7	295.4
342	R50Y_050_050$_e$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.232	0.0	38.4	18.9	31.4	36.6	58.8	0.5	0.25	0.0	34.7	21.2	31.0	37.5	55.5	4.4	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
343	R31Y_050_037$_e$	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.252	0.124	40.0	19.6	20.8	28.6	46.6	0.5	0.25	0.125	37.6	19.7	29.1	35.1	55.8	8.6	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
344	R00Y_050_025$_e$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.309	44.0	16.0	7.6	17.7	25.4	0.5	0.25	0.25	37.8	22.6	7.5	23.9	18.4	9.1	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
345	R00Y_050_025$_e$	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.493	44.4	17.9	−2.4	18.0	352.0	0.5	0.25	0.375	38.6	33.3	−11.9	35.3	340.2	18.9	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
346	B50R_050_025$_e$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.462	0.249	0.5	43.2	11.2	−6.8	13.1	328.6	0.5	0.25	0.5	38.6	37.8	−30.9	48.9	320.7	36.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
347	B34R_062_037$_e$	0.5	0.25	0.625	0.625	0.375	0.437	311	0.524	0.25	0.625	45.3	11.4	−13.3	17.6	310.5	0.5	0.25	0.625	39.1	27.9	−37.6	46.8	306.6	29.9	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
348	B25R_075_050$_e$	0.5	0.25	0.75	0.75	0.5	0.5	300	0.579	0.25	0.75	47.2	11.7	−20.2	23.4	300.1	0.5	0.25	0.75	39.6	18.1	−41.6	45.4	293.5	23.5	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
349	B19R_087_062$_e$	0.5	0.25	0.875	0.875	0.625	0.562	293	0.631	0.25	0.875	49.3	11.7	−26.9	29.3	293.5	0.5	0.25	0.875	40.9	10.1	−43.9	45.0	283.0	18.9	307	0.609	0.0	1.0	37.2	18.7	−43.0	46.9	293.5
350	B15R_100_075$_e$	0.5	0.25	1.0	1.0	0.75	0.625	289	0.684	0.25	1.0	51.8	12.0	−33.4	35.5	289.7	0.5	0.25	1.0	41.7	3.5	−46.1	46.2	274.3	18.2	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
351	R76Y_050_050$_e$	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.309	0.0	43.9	8.5	36.4	37.4	76.7	0.5	0.375	0.0	44.4	2.2	41.7	41.7	86.9	8.2	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
352	R68Y_050_037$_e$	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.339	0.124	45.7	8.9	26.2	27.7	71.1	0.5	0.375	0.125	45.8	2.2	42.5	42.5	86.9	17.5	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
353	R50Y_050_025$_e$	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.366	0.249	47.2	9.4	15.7	18.3	58.8	0.5	0.375	0.25	46.6	3.9	21.6	22.0	79.7	8.1	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
354	R00Y_050_012$_e$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.404	50.0	8.0	3.8	8.8	25.4	0.5	0.375	0.375	45.5	10.1	1.4	10.2	8.1	5.5	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
355	B50R_050_012$_e$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.481	0.375	0.5	49.6	5.6	−3.4	6.5	328.6	0.5	0.375	0.5	48.1	15.6	−17.2	23.2	312.1	17.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
356	B25R_062_025$_e$	0.5	0.375	0.625	0.625	0.25	0.5	300	0.539	0.375	0.625	51.6	5.8	−10.1	11.7	300.1	0.5	0.375	0.625	49.2	15.1	−33.5	36.8	294.3	25.2	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
357	B15R_075_037$_e$	0.5	0.375	0.75	0.75	0.375	0.562	289	0.592	0.375	0.75	53.9	6.0	−16.7	17.7	289.7	0.5	0.375	0.75	46.6	9.7	−39.8	41.0	283.8	24.5	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
358	B11R_087_050$_e$	0.5	0.375	0.875	0.875	0.5	0.625	284	0.646	0.375	0.875	56.4	6.2	−23.1	23.9	285.0	0.5	0.375	0.875	46.5	3.0	−42.6	42.7	274.1	22.0	302	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0
359	B09R_100_062$_e$	0.5	0.375	1.0	1.0	0.625	0.687	281	0.7	0.375	1.0	59.0	6.3	−29.5	30.1	282.1	0.5	0.375	1.0	47.2	−1.7	−44.0	44.0	267.7	20.3	301	0.52	0.0	1.0	36.5	10.1	−47.2	48.2	282.1
360	Y00G_050_050$_e$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.4	0.0	50.0	−1.7	42.9	42.9	92.3	0.5	0.5	0.0	55.9	−13.2	54.7	56.3	103.6	17.5	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
361	Y00G_050_037$_e$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.425	0.124	51.5	−1.3	32.2	32.2	92.3	0.5	0.5	0.125	56.8	−13.3	55.8	57.4	103.4	27.0	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
362	Y00G_050_025$_e$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.45	0.249	53.0	−0.8	21.4	21.4	92.3	0.5	0.5	0.25	55.8	−12.3	40.4	42.3	106.9	22.3	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
363	Y00G_050_012$_e$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.475	0.375	54.5	−0.4	10.7	10.7	92.3	0.5	0.5	0.375	54.0	−7.5	16.8	18.5	114.0	9.4	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	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	56.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	50.7	0.0	−1.2	1.2	274.4	5.4	360	1.0	1.0	1.0	96.3	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	0.549	0.5	0.625	58.8	0.1	−6.2	6.2	271.7	0.5	0.5	0.625	56.8	−0.8	−20.3	20.3	267.6	14.2	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
366	B00R_075_025$_e$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.599	0.5	0.75	61.6	0.3	−12.4	12.4	271.7	0.5	0.5	0.75	58.0	−0.7	−34.3	34.3	268.7	22.1	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
367	B00R_087_037$_e$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.648	0.5	0.875	64.4	0.5	−18.6	18.7	271.7	0.5	0.5	0.875	55.5	−4.5	−38.8	39.1	263.3	22.6	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
368	B00R_100_050$_e$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.698	0.5	1.0	67.2	0.7	−24.9	24.9	271.7	0.5	0.5	1.0	54.2	−8.5	−41.5	42.4	258.4	23.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
369	Y18G_062_062$_e$	0.5	0.625	0.0	0.625	0.625	0.312	101	0.581	0.625	0.0	60.7	−14.6	54.3	56.3	105.1	0.5	0.625	0.0	64.0	−34.0	55.4	65.0	121.5	19.6	93	0.93	1.0	0.0	87.7	−23.5	86.9	90.1	105.1
370	Y23G_062_050$_e$	0.5	0.625	0.125	0.625	0.5	0.375	104	0.564	0.625	0.125	59.9	−13.5	40.3	42.5	108.6	0.5	0.625	0.125	65.3	−34.0	56.6	66.0	121.0	26.7	96	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6
371	Y31G_062_037$_e$	0.5	0.625	0.25	0.625	0.375	0.437	109	0.554	0.625	0.25	59.6	−12.4	27.3	30.0	114.4	0.5	0.625	0.25	65.8	−34.5	52.6	62.9	123.2	34.1	100	0.813	1.0	0.0	79.1	−33.1	72.9	80.1	114.4
372	Y50G_062_025$_e$	0.5	0.625	0.375	0.625	0.25	0.5	120	0.54	0.625	0.375	59.4	−10.9	14.3	18.0	127.2	0.5	0.625	0.375	66.8	−28.7	31.8	42.9	132.0	26.0	109	0.663	1.0	0.0	69.4	−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	0.594	61.4	−6.8	2.2	7.2	162.2	0.5	0.625	0.5	67.1	−19.8	14.2	24.4	144.4	18.6	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
374	G50B_062_012$_e$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.617	0.625	61.0	−4.8	−3.6	6.0	216.9	0.5	0.625	0.625	65.5	−13.2	−3.0	13.5	192.8	9.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
375	G75B_075_025$_e$	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.683	0.75	65.1	−6.0	−12.5	13.9	244.3	0.5	0.625	0.75	66.2	−10.2	−21.3	23.6	244.4	9.7	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
376	G84B_087_037$_e$	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.677	0.875	67.6	−5.2	−18.7	19.4	254.3	0.5	0.625	0.875	67.6	−12.0	−32.3	34.5	249.6	15.1	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
377	G88B_100_050$_e$	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.658	1.0	70.3	−4.8	−24.8	25.3	258.9	0.5	0.625	1.0	64.7	−13.8	−35.4	38.0	248.6	14.9	251	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9
378	Y31G_075_075$_e$	0.5	0.75	0.0	0.75	0.75	0.375	109	0.609	0.75	0.0	63.3	−24.8	54.7	60.1	114.4	0.5	0.75	0.0	65.1	−45.3	52.2	69.2	130.9	20.7	100	0.813	1.0	0.0	79.1	−33.1	72.9	80.1	114.4
379	Y38G_075_062$_e$	0.5	0.75	0.125	0.75	0.625	0.437	113	0.6	0.75	0.125	63.0	−23.2	41.6	47.7	119.1	0.5	0.75	0.125	66.8	−45.7	53.8	70.6	130.3	25.8	103	0.761	1.0	0.0	75.2	−37.1	66.6	76.3	119.1
380	Y50G_075_050$_e$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.581	0.75	0.25	62.7	−21.8	28.7	36.1	127.2	0.5	0.75	0.25	68.2	−44.6	49.3	66.5	132.1	31.1	109	0.663	1.0	0.0	69.4	−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	0.55	0.75	0.375	63.1	−20.4	17.1	26.7	140.0	0.5	0.75	0.375	70.0	−40.8	37.0	55.1	137.7	29.3	122	0.467	1.0	0.0	61.4	−54.6	45.6	71.2	140.0
382	G00B_075_025$_e$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.688	66.7	−13.7	4.4	14.4	162.2	0.5	0.75	0.5	73.0	−35.0	25.7	43.4	143.6	30.8	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
383	G25B_075_025$_e$	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.728	66.8	−11.4	−1.9	11.5	189.6	0.5	0.75	0.625	75.1	−26.4	12.5	29.3	154.5	22.4	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
384	G50B_075_025$_e$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.735	0.75	65.9	−9.7	−7.3	12.1	216.9	0.5	0.75	0.75	74.7	−21.4	−3.6	21.7	189.7	15.1	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
385	G65B_087_037$_e$	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.807	0.875	70.0	−11.6	−16.2	20.0	234.3	0.5	0.75	0.875	74.1	−17.6	−23.6	29.4	233.3	10.2	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
386	G75B_100_050$_e$	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.866	1.0	74.2	−12.0	−25.1	27.8	244.3	0.5	0.75	1.0	72.7	−15.9	−29.2	33.2	241.3	5.8	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
387	Y41G_087_087$_e$	0.5	0.875	0.0	0.875	0.875	0.437	115	0.642	0.875	0.0	66.3	−34.1	55.9	65.5	121.4	0.5	0.875	0.0	63.2	−51.8	48.2	70.8	137.0	19.5	104	0.734	1.0	0.0	73.5	−39.0	63.9	74.9	121.4
388	Y50G_087_075$_e$	0.5	0.875	0.125	0.875	0.75	0.5	120	0.622	0.875	0.125	66.1	−32.8	43.1	54.2	127.2	0.5	0.875	0.125	64.3	−50.2	48.8	70.1	135.8	18.4	109	0.663	1.0	0.0	69.4	−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	0.597	0.875	0.25	66.2	−31.6	31.1	44.3	135.4	0.5	0.875	0.25	65.9	−47.5	43.3	64.3	137.6	20.0	116	0.555	1.0	0.0	64.2	−50.5	49.8	70.9	135.4
390	Y76G_087_050$_e$	0.5	0.875	0.375	0.875	0.5	0.625	136	0.375	0.875	0.409	67.2	−30.0	20.3	36.2	145.9	0.5	0.875	0.375	68.0	−43.3	35.6	56.1	140.5	20.3	153	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9
391	G00B_087_037$_e$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.782	72.0	−20.6	6.6	21.6	162.2	0.5	0.875	0.5	71.0	−38.0	28.0	47.2	143.6	27.6	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
392	G15B_087_037$_e$	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.825	72.6	−17.6	0.1	17.6	179.5	0.5	0.875	0.625	73.2	−33.7	19.5	38.9	149.9	25.2	203	0.0	1.0	0.868	59.8	−47.0	0.3	47.0	179.5
393	G34B_087_037$_e$	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.86	71.9	−16.3	−5.8	17.3	199.6	0.5	0.875	0.75	74.7	−29.1	6.9	29.9	166.5	18.3	208	0.0	1.0	0.96	57.9	−43.5	−15.5	46.2	199.6
394	G50B_087_037$_e$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.852	0.875	70.9	−14.5	−10.9	18.2	216.9	0.5	0.875	0.875	74.7	−23.9	−8.5	25.4	199.5	10.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
395	G61B_100_050$_e$	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	0.926	1.0	74.7	−16.8	−19.9	26.1	229.7	0.5	0.875	1.0	75.7	−17.0	−22.4	28.1	232.7	2.6	217	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7
396	Y50G_100_100$_e$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.663

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)
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*$_{Me}$***			
405	R00Y_062_062$_e$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.148	36.1	40.1	19.1	44.4	25.4	0.625	0.0	0.0	33.8	41.5	27.2	49.6	33.2	8.5	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
406	R31Y_062_062$_e$	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.277	36.1	42.0	9.8	43.2	13.2	0.625	0.0	0.125	33.9	41.8	23.7	48.1	29.5	13.9	363	1.0	0.0	0.443	48.4	67.3	15.8	69.1	13.2
407	R11Y_062_062$_e$	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.451	36.1	45.1	−0.1	45.1	359.8	0.625	0.0	0.25	33.6	43.8	9.2	44.8	11.8	9.7	345	1.0	0.0	0.722	48.3	72.2	−0.1	72.2	359.8
408	B69R_062_062$_e$	0.625	0.0	0.375	0.625	0.625	0.312	353	0.62	0.0	0.625	37.1	43.6	−7.3	44.2	350.4	0.625	0.0	0.375	33.9	49.8	−8.2	50.5	350.6	7.0	329	0.992	0.0	1.0	49.9	69.8	−11.7	70.8	350.4
409	B59R_062_062$_e$	0.625	0.0	0.5	0.625	0.625	0.312	341	0.573	0.0	0.625	35.4	35.1	−13.4	37.6	339.0	0.625	0.0	0.5	35.2	50.1	−21.2	54.4	337.0	16.8	325	0.918	0.0	1.0	47.2	56.2	−21.5	60.2	339.0
410	B50R_062_062$_e$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.531	0.0	0.625	33.9	28.1	−17.1	32.9	328.6	0.625	0.0	0.625	34.8	48.7	−29.3	56.8	328.9	23.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
411	B42R_075_075$_e$	0.625	0.0	0.75	0.75	0.75	0.375	321	0.596	0.0	0.75	36.1	28.5	−23.8	37.1	320.0	0.625	0.0	0.75	36.6	38.7	−34.7	52.0	318.0	14.9	318	0.794	0.0	1.0	42.9	38.0	−31.8	49.5	320.0
412	B36R_087_087$_e$	0.625	0.0	0.875	0.875	0.875	0.437	314	0.657	0.0	0.875	38.2	28.3	−29.9	41.2	313.4	0.625	0.0	0.875	37.9	27.4	−38.8	47.5	305.2	8.9	316	0.751	0.0	1.0	41.4	32.3	−34.1	47.0	313.4
413	B31R_100_100$_e$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.711	0.0	1.0	40.1	28.7	−37.0	46.9	307.7	0.625	0.0	1.0	37.3	20.1	−42.2	46.7	295.4	10.4	313	0.711	0.0	1.0	40.1	28.7	−37.0	46.9	307.7
414	R18Y_062_062$_e$	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.115	0.0	36.7	38.1	29.5	48.2	37.7	0.625	0.125	0.0	35.5	45.3	33.1	56.2	36.1	8.1	40	1.0	0.184	0.0	49.3	61.0	47.2	77.1	37.7
415	R00Y_062_050$_e$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.243	42.1	32.1	15.3	35.5	25.4	0.625	0.125	0.125	35.1	44.0	22.7	49.5	27.2	15.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
416	R26Y_062_050$_e$	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.374	42.1	34.2	5.9	34.7	9.8	0.625	0.125	0.25	34.6	45.9	8.4	46.6	10.4	14.0	360	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8
417	R00Y_062_050$_e$	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.612	42.9	35.8	−4.9	36.1	352.0	0.625	0.125	0.375	35.6	52.5	−9.0	53.3	350.2	18.6	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
418	B61R_062_050$_e$	0.625	0.125	0.5	0.625	0.5	0.375	344	0.593	0.125	0.625	41.9	29.8	−9.7	31.4	341.8	0.625	0.125	0.5	37.2	53.4	−22.1	57.8	337.5	27.0	326	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8
419	B50R_062_050$_e$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.55	0.125	0.625	40.4	22.5	−13.7	26.3	328.6	0.625	0.125	0.625	36.8	46.8	−29.7	55.5	327.6	29.3	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
420	B40R_075_062$_e$	0.625	0.125	0.75	0.75	0.625	0.437	319	0.614	0.125	0.75	42.5	22.7	−20.3	30.5	318.1	0.625	0.125	0.75	38.1	37.2	−34.2	50.5	317.4	20.5	318	0.782	0.0	1.0	42.5	36.4	−32.5	48.8	318.1
421	B34R_087_075$_e$	0.625	0.125	0.875	0.875	0.75	0.5	311	0.673	0.125	0.875	44.6	22.9	−26.7	35.2	310.5	0.625	0.125	0.875	38.7	27.8	−38.0	47.1	306.2	13.6	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
422	B29R_100_087$_e$	0.625	0.125	1.0	1.0	0.875	0.562	305	0.73	0.125	1.0	46.6	23.4	−33.6	41.0	304.9	0.625	0.125	1.0	38.5	20.1	−41.2	45.8	296.0	11.5	312	0.691	0.0	1.0	39.5	26.8	−38.4	46.8	304.9
423	R38Y_062_062$_e$	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.245	0.0	41.1	29.5	36.5	46.9	51.0	0.625	0.25	0.0	38.2	36.4	35.7	51.0	44.4	7.5	52	1.0	0.392	0.0	56.3	47.2	58.5	75.1	51.0
424	R23Y_062_050$_e$	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.257	0.125	43.2	29.3	25.5	38.9	41.0	0.625	0.25	0.125	39.1	39.8	34.6	52.8	40.9	14.5	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
425	R00Y_062_037$_e$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.338	48.1	24.0	11.4	26.6	25.4	0.625	0.25	0.25	39.7	39.6	15.5	42.5	21.4	18.1	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
426	R18Y_062_037$_e$	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.486	48.1	26.4	1.9	26.4	4.3	0.625	0.25	0.375	39.6	46.5	−4.1	46.7	354.9	22.7	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
427	B65R_062_037$_e$	0.625	0.25	0.5	0.625	0.375	0.437	349	0.612	0.25	0.625	48.4	24.5	−5.8	25.2	346.6	0.625	0.25	0.5	40.4	53.0	−21.8	57.3	337.6	33.6	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
428	B50R_062_037$_e$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.568	0.25	0.625	46.8	16.8	−10.3	19.7	328.6	0.625	0.25	0.625	40.2	42.7	−30.6	52.6	324.3	33.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
429	B38R_075_050$_e$	0.625	0.25	0.75	0.75	0.5	0.5	316	0.632	0.25	0.75	48.9	16.9	−16.7	23.8	315.3	0.625	0.25	0.75	41.0	32.2	−34.7	47.3	312.8	24.8	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3
430	B30R_087_062$_e$	0.625	0.25	0.875	0.875	0.625	0.562	307	0.69	0.25	0.875	51.0	17.5	−23.4	29.3	306.8	0.625	0.25	0.875	41.6	23.1	−38.2	44.7	301.2	18.4	313	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306.8
431	B25R_100_075$_e$	0.625	0.25	1.0	1.0	0.75	0.625	300	0.743	0.25	1.0	52.9	17.6	−30.3	35.1	300.1	0.625	0.25	1.0	42.9	15.5	−40.2	43.1	291.0	14.1	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
432	R61Y_062_062$_e$	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.333	0.0	47.1	18.0	41.9	45.7	66.6	0.625	0.375	0.0	47.6	15.5	46.4	48.9	71.5	5.1	62	1.0	0.534	0.0	65.9	28.9	67.1	73.1	66.6
433	R50Y_062_050$_e$	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.357	0.125	48.5	18.9	31.4	36.6	58.8	0.625	0.375	0.125	49.2	16.7	47.4	50.3	70.5	16.1	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
434	R31Y_062_037$_e$	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.377	0.25	50.1	19.6	20.8	28.6	46.6	0.625	0.375	0.25	50.7	16.1	25.3	30.0	57.4	5.7	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
435	R00Y_062_025$_e$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.434	54.1	16.0	7.6	17.7	25.4	0.625	0.375	0.375	50.3	20.8	6.1	21.7	16.4	6.3	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
436	R00Y_062_025$_e$	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.618	54.5	17.9	−2.4	18.0	352.0	0.625	0.375	0.5	50.9	29.6	−11.7	31.9	338.4	15.3	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
437	B50R_062_025$_e$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.587	0.375	0.625	53.2	11.2	−6.8	13.1	328.6	0.625	0.375	0.625	49.3	31.9	−28.5	42.8	318.2	30.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
438	B34R_075_037$_e$	0.625	0.375	0.75	0.75	0.375	0.562	311	0.649	0.375	0.75	55.4	11.4	−13.3	17.6	310.5	0.625	0.375	0.75	47.8	22.9	−33.5	40.6	304.3	24.3	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
439	B25R_087_050$_e$	0.625	0.375	0.875	0.875	0.5	0.625	300	0.704	0.375	0.875	57.3	11.7	−20.2	23.4	300.1	0.625	0.375	0.875	47.2	16.1	−36.9	40.3	293.5	20.0	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
440	B19R_100_062$_e$	0.625	0.375	1.0	1.0	0.625	0.687	293	0.756	0.375	1.0	59.4	11.7	−26.9	29.3	293.5	0.625	0.375	1.0	48.2	9.0	−38.7	39.8	283.1	16.4	307	0.609	0.0	1.0	37.2	18.7	−43.0	46.9	293.5
441	R81Y_062_062$_e$	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.408	0.0	52.5	8.2	47.1	47.8	80.0	0.625	0.5	0.0	58.0	−1.7	57.8	57.8	91.7	15.6	70	1.0	0.653	0.0	74.5	13.2	75.4	76.6	80.0
442	R76Y_062_050$_e$	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.434	0.125	54.0	8.5	36.4	37.4	76.7	0.625	0.5	0.125	59.0	−2.0	58.6	58.6	92.0	25.1	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
443	R68Y_062_037$_e$	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.464	0.25	55.7	8.9	26.2	27.7	71.1	0.625	0.5	0.25	59.3	−1.0	41.8	41.8	91.4	18.8	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
444	R50Y_062_025$_e$	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.491	0.375	57.3	9.4	15.7	18.3	58.8	0.625	0.5	0.375	59.0	3.2	20.0	20.3	80.9	7.8	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
445	R00Y_062_012$_e$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.529	60.1	8.0	3.8	8.8	25.4	0.625	0.5	0.5	57.3	9.6	0.5	9.7	3.4	4.5	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
446	B50R_062_012$_e$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.606	0.5	0.625	59.7	5.6	−3.4	6.5	328.6	0.625	0.5	0.625	60.1	14.2	−16.0	21.4	311.7	15.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
447	B25R_075_025$_e$	0.625	0.5	0.75	0.75	0.25	0.625	300	0.664	0.5	0.75	61.7	5.8	−10.1	11.7	300.1	0.625	0.5	0.75	58.7	11.9	−29.5	31.8	292.0	20.5	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
448	B15R_087_037$_e$	0.625	0.5	0.875	0.875	0.375	0.687	289	0.717	0.5	0.875	64.0	6.0	−16.7	17.7	289.7	0.625	0.5	0.875	56.3	6.7	−33.4	34.0	281.4	18.3	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
449	B11R_100_050$_e$	0.625	0.5	1.0	1.0	0.5	0.75	284	0.771	0.5	1.0	66.5	6.2	−23.1	23.9	285.0	0.625	0.5	1.0	55.0	1.9	−36.3	36.4	273.1	18.0	302	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0
450	Y00G_062_062$_e$	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.5	0.0	58.6	−2.1	53.6	53.7	92.3	0.625	0.625	0.0	69.5	−15.5	69.9	71.6	102.5	23.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
451	Y00G_062_050$_e$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.525	0.125	60.1	−1.7	42.9	42.9	92.3	0.625	0.625	0.125	69.4	−15.3	69.4	71.1	102.4	31.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
452	Y00G_062_037$_e$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.55	0.25	61.6	−1.3	32.2	32.2	92.3	0.625	0.625	0.25	68.7	−14.9	61.0	62.8	103.7	32.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
453	Y00G_062_025$_e$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.575	0.375	63.1	−0.8	21.4	21.4	92.3	0.625	0.625	0.375	68.9	−12.4	38.0	40.0	108.1	21.0	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
454	Y00G_062_012$_e$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.6	0.5	64.6	−0.4	10.7	10.7	92.3	0.625	0.625	0.5	67.2	−7.3	18.1	19.5	112.0	10.4	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	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	66.1	0.0	0.0	0.0	0.0	0.625	0.625	0.625	63.3	0.1	−1.0	1.0	276.6	3.0	360	1.0	1.0	1.0	96.3	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	0.674	0.625	0.75	68.9	0.1	−6.2	6.2	271.7	0.625	0.625	0.75	69.4	0.8	−17.3	17.4	272.8	11.1	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
457	B00R_087_025$_e$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.724	0.625	0.875	71.7	0.3	−12.4	12.4	271.7	0.625	0.625	0.875	68.5	−3.9	−28.1	28.3	261.9	16.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
458	B00R_100_037$_e$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.773	0.625	1.0	74.5	0.5	−18.6	18.7	271.7	0.625	0.625	1.0	66.3	−7.2	−31.3	32.1	257.0	16.9	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
459	Y15G_075_075$_e$	0.625	0.75	0.0	0.75	0.75	0.375	99	0.723	0.75	0.0	71.6	−15.5	68.3	70.1	102.7	0.625	0.75	0.0	73.1	−32.4	65.2	72.8	116.4	17.2	91	0.964	1.0	0.0	90.3	−20.7	91.1	93.4	102.7
460	Y18G_075_062$_e$	0.625	0.75	0.125	0.75	0.625	0.437	101	0.706	0.75	0.125	70.8	−14.6	54.3	56.3	105.1	0.625	0.75	0.125	74.6	−32.3	66.6	74.0	115.8	21.8	93	0.93	1.0	0.0	87.7	−23.5	86.9	90.1	105.1
461	Y23G_075_050$_e$	0.625	0.75	0.25	0.75	0.5	0.5	104	0.689	0.75	0.25	70.0	−13.5	40.3	42.5	108.6	0.625	0.75	0.25	76.2	−33.6	65.9	74.0	117.0	33.1	96	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6
462	Y31G_075_037$_e$	0.625	0.75	0.375	0.75	0.375	0.562	109	0.679	0.75	0.375	69.7	−12.4	27.3	30.0	114.4	0.625	0.75	0.375	77.4	−30.3	49.5	58.1	121.4	29.5	100	0.813	1.0	0.0	79.1	−33.1	72.9	80.1	114.4
463	Y50G_075_025$_e$	0.625	0.75	0.5	0.75	0.25	0.625	120	0.665	0.75	0.5	69.5	−10.9	14.3	18.0	127.2	0.625	0.75	0.5	78.5	−24.6	32.2	40.5	127.4	24.2	109	0.663	1.0	0.0	69.4	−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	0.719	71.4	−6.8	2.2	7.2	162.2	0.625	0.75	0.625	77.8	−19.0	16.4	25.2	139.2	19.8	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
465	G50B_075_012$_e$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.742	0.75	71.1	−4.8	−3.6	6.0	216.9	0.625	0.75	0.75	76.7	−12.9	−0.7	13.0	183.4	10.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
466	G75B_087_025$_e$	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.808	0.875	75.2	−6.0	−12.5	13.9	244.3	0.625	0.75	0.875	79.3	−11.5	−20.4	23.4	240.5	10.4	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
467	G84B_100_037$_e$	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.802	1.0	77.7	−5.2	−18.7	19.4	254.3	0.625	0.75	1.0	76.1	−11.8	−24.2	26.9	243.8	8.7	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
468	Y26G_087_087$_e$	0.625	0.875	0.0	0.875	0.875	0.437	106	0.745	0.875	0.0	73.7	−25.9	67.8	72.6	110.9	0.625	0.875	0.0	69.4	−43.5	57.0	71.7	127.3	21.0	97	0.851	1.0	0.0	82.0	−29.6	77.5	83.0	110.9
469	Y31G_087_075$_e$	0.625	0.875	0.125	0.875	0.75	0.5	109	0.734	0.875	0.125	73.3	−24.8	54.7	60.1	114.4	0.625	0.875	0.125	70.4	−42.3	57.8	71.6	126.1	17.9	100	0.813	1.0	0.0	79.1	−33.1	72.9	80.1	114.4
470	Y38G_087_062$_e$	0.625	0.875	0.25	0.875	0.625	0.562	113	0.725	0.875	0.25	73.1	−23.2	41.6	47.7	119.1	0.625	0.875	0.25	71.7	−40.4	51.7	65.6	127.9	19.9	103	0.761	1.0	0.0	75.2	−37.1	66.6	76.3	119.1
471	Y50G_087_050$_e$	0.625	0.875	0.375	0.875	0.5	0.625	120	0.706	0.875	0.375	72.8	−21.8	28.7	36.1	127.2	0.625	0.875	0.375	73.0	−37.5	40.8	55.5	132.6	19.7	109	0.663	1.0	0.0	69.4	−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	0.675	0.875	0.5	73.2	−20.4	17.1	26.7	140.0	0.625	0.875	0.5	75.4	−33.1	30.9	45.3	136.9	18.8	122	0.467	1.0	0.0	61.4	−54.6	45.6	71.2	140.0
473	G00B_087_025$_e$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.813	76.8	−13.7	4.4	14.4	162.2	0.625	0.875	0.625	78.1	−27.9	20.8	34.8	143.2	21.7	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
474	G25B_087_025$_e$	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.853	76.9	−11.4	−1.9	11.5	189.6	0.625	0.875	0.75	80.5	−23.2	10.3	25.4	156.0	17.4	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
475	G50B_087_025$_e$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.86	0.875	76.0	−9.7	−7.3	12.1	216.9	0.625	0.875	0.875	81.0	−18.2	−4.2	18.7	193.1	10.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
476	G65B_100_037$_e$	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	0.932	1.0	80.1	−11.6	−16.2	20.0	234.3	0.625	0.875	1.0	81.1	−12.7	−18.7	22.7	235.7	2.9	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
477	Y36G_100_100$_e$	0.625	1.0

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**$_{Me}$			
486	R00Y_075_075$_e$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.177	40.1	48.1	22.9	53.3	25.4	0.75	0.0	0.0	39.2	49.5	32.3	59.2	33.1	9.5	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
487	R35Y_075_075$_e$	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.304	40.2	49.8	13.7	51.7	15.4	0.75	0.0	0.125	38.6	49.1	28.3	56.7	29.9	14.7	366	1.0	0.0	0.406	48.4	66.4	18.3	68.9	15.4
488	R18Y_075_075$_e$	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.472	40.2	52.8	3.9	52.9	4.3	0.75	0.0	0.25	37.7	49.8	18.0	53.0	19.9	14.6	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
489	R00Y_075_075$_e$	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.731	41.3	53.7	−7.4	54.2	352.0	0.75	0.0	0.375	37.3	53.3	2.2	53.3	2.4	10.5	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
490	B65R_075_075$_e$	0.75	0.0	0.5	0.75	0.75	0.375	349	0.725	0.0	0.75	40.7	49.1	−11.6	50.4	346.6	0.75	0.0	0.5	38.6	58.6	−11.2	59.6	349.1	9.7	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
491	B57R_075_075$_e$	0.75	0.0	0.625	0.75	0.75	0.375	339	0.679	0.0	0.75	39.0	40.4	−17.0	43.9	337.1	0.75	0.0	0.625	39.4	57.6	−21.9	61.7	339.1	17.9	325	0.905	0.0	1.0	46.8	53.9	−22.7	58.5	337.1
492	B50R_075_075$_e$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.637	0.0	0.75	37.6	33.7	−20.6	39.5	328.6	0.75	0.0	0.75	37.9	52.5	−26.4	58.8	333.2	19.6	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
493	B43R_087_087$_e$	0.75	0.0	0.875	0.875	0.875	0.437	322	0.7	0.0	0.875	39.7	33.9	−27.4	43.6	321.0	0.75	0.0	0.875	39.0	41.7	−32.0	52.5	322.4	9.0	319	0.8	0.0	1.0	43.1	38.8	−31.3	49.9	321.0
494	B38R_100_100$_e$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3	0.75	0.0	1.0	41.4	32.1	−34.2	46.9	313.1	2.0	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3
495	R15Y_075_075$_e$	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.088	0.0	40.5	46.5	33.2	57.1	35.5	0.75	0.125	0.0	40.2	53.4	40.3	66.9	37.0	9.9	36	1.0	0.117	0.0	48.7	62.0	44.2	76.2	35.5
496	R00Y_075_062$_e$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.273	46.1	40.1	19.1	44.4	25.4	0.75	0.125	0.125	39.3	50.9	28.8	58.5	29.4	16.0	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
497	R31Y_075_062$_e$	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.402	46.2	42.0	9.8	43.2	13.2	0.75	0.125	0.25	38.6	51.6	16.2	54.1	17.4	13.7	363	1.0	0.0	0.443	48.4	67.3	15.8	69.1	13.2
498	R11Y_075_062$_e$	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.576	46.2	45.1	−0.1	45.1	359.8	0.75	0.125	0.375	38.4	56.2	0.0	56.2	0.0	13.5	345	1.0	0.0	0.722	48.3	72.2	−0.1	72.2	359.8
499	B69R_075_062$_e$	0.75	0.125	0.5	0.75	0.625	0.437	353	0.745	0.125	0.75	47.1	43.6	−7.3	44.2	350.4	0.75	0.125	0.5	39.9	61.2	−13.7	62.7	347.3	20.0	329	0.992	0.0	1.0	49.9	69.8	−11.7	70.8	350.4
500	B59R_075_062$_e$	0.75	0.125	0.625	0.75	0.625	0.437	341	0.698	0.125	0.75	45.5	35.1	−13.4	37.6	339.0	0.75	0.125	0.625	39.7	58.7	−22.2	62.8	339.2	25.8	325	0.918	0.0	1.0	47.2	56.2	−21.5	60.2	339.0
501	B50R_075_062$_e$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.656	0.125	0.75	44.0	28.1	−17.1	32.9	328.6	0.75	0.125	0.75	39.4	49.8	−28.0	57.2	330.6	24.7	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
502	B42R_087_075$_e$	0.75	0.125	0.875	0.875	0.75	0.5	321	0.721	0.125	0.875	46.2	28.5	−23.8	37.1	320.0	0.75	0.125	0.875	40.1	39.3	−32.2	50.8	320.6	14.9	318	0.794	0.0	1.0	42.9	38.0	−31.8	49.5	320.0
503	B36R_100_087$_e$	0.75	0.125	1.0	1.0	0.875	0.562	314	0.782	0.125	1.0	48.3	28.3	−29.9	41.2	313.4	0.75	0.125	1.0	42.1	31.7	−34.0	46.6	312.9	8.2	316	0.751	0.0	1.0	41.4	32.3	−34.1	47.0	313.4
504	R31Y_075_075$_e$	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.255	0.0	44.2	39.3	41.6	57.2	46.6	0.75	0.25	0.0	43.5	49.1	44.4	66.2	42.1	10.2	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
505	R18Y_075_062$_e$	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.24	0.125	46.8	38.1	29.5	48.2	37.7	0.75	0.25	0.125	42.3	52.9	42.1	67.6	38.5	19.9	40	1.0	0.184	0.0	49.3	61.0	47.2	77.1	37.7
506	R00Y_075_050$_e$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.368	52.2	32.1	15.3	35.5	25.4	0.75	0.25	0.25	41.3	53.8	24.5	59.1	24.5	25.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
507	R26Y_075_050$_e$	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.499	52.2	34.2	5.9	34.7	9.8	0.75	0.25	0.375	41.7	56.5	6.6	56.9	6.6	24.6	360	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8
508	R00Y_075_050$_e$	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.737	52.9	35.8	−4.9	36.1	352.0	0.75	0.25	0.5	42.6	64.0	−13.4	65.4	348.1	31.1	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
509	B61R_075_050$_e$	0.75	0.25	0.625	0.75	0.5	0.5	344	0.718	0.25	0.75	52.0	29.8	−9.7	31.4	341.8	0.75	0.25	0.625	42.6	56.8	−23.2	61.4	337.7	31.5	326	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8
510	B50R_075_050$_e$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.675	0.25	0.75	50.4	22.5	−13.7	26.3	328.6	0.75	0.25	0.75	42.1	45.5	−29.3	54.2	327.1	29.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
511	B40R_087_062$_e$	0.75	0.25	0.875	0.875	0.625	0.562	319	0.739	0.25	0.875	52.6	22.7	−20.3	30.5	318.1	0.75	0.25	0.875	42.3	35.8	−33.0	48.7	317.2	20.9	318	0.782	0.0	1.0	42.5	36.4	−32.5	48.8	318.1
512	B34R_100_075$_e$	0.75	0.25	1.0	1.0	0.75	0.625	311	0.798	0.25	1.0	54.7	22.9	−26.7	35.2	310.5	0.75	0.25	1.0	44.9	27.9	−34.0	44.0	309.4	13.1	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
513	R50Y_075_075$_e$	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.348	0.0	49.8	28.4	47.1	55.0	58.8	0.75	0.375	0.0	53.1	28.3	52.9	60.0	61.8	6.7	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
514	R38Y_075_062$_e$	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.37	0.125	51.2	29.5	36.5	46.9	51.0	0.75	0.375	0.125	52.3	31.7	51.7	60.7	58.4	15.4	52	1.0	0.392	0.0	56.3	47.2	58.5	75.1	51.0
515	R23Y_075_050$_e$	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.382	0.25	53.3	29.3	25.5	38.9	41.0	0.75	0.375	0.25	53.8	30.8	33.7	45.6	47.5	8.2	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
516	R00Y_075_037$_e$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.463	58.2	24.0	11.4	26.6	25.4	0.75	0.375	0.375	53.7	34.6	13.8	37.3	21.8	11.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
517	R18Y_075_037$_e$	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.611	58.2	26.4	1.9	26.4	4.3	0.75	0.375	0.5	52.3	42.1	−5.0	42.4	353.1	18.2	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
518	B65R_075_037$_e$	0.75	0.375	0.625	0.75	0.375	0.562	349	0.737	0.375	0.75	58.4	24.5	−5.8	25.2	346.6	0.75	0.375	0.625	51.2	47.3	−21.1	51.8	335.9	28.4	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
519	B50R_075_037$_e$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.693	0.375	0.75	56.9	16.8	−10.3	19.7	328.6	0.75	0.375	0.75	48.2	37.7	−28.3	47.1	323.1	28.8	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
520	B38R_087_050$_e$	0.75	0.375	0.875	0.875	0.5	0.625	316	0.757	0.375	0.875	59.0	16.9	−16.7	23.8	315.3	0.75	0.375	0.875	48.8	25.9	−32.1	41.2	308.8	20.4	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3
521	B30R_100_062$_e$	0.75	0.375	1.0	1.0	0.625	0.687	307	0.815	0.375	1.0	61.1	17.5	−23.4	29.3	306.8	0.75	0.375	1.0	50.1	20.6	−33.3	39.1	301.8	15.0	313	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306.8
522	R68Y_075_075$_e$	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.428	0.0	55.4	17.9	52.4	55.4	71.1	0.75	0.5	0.0	62.4	10.4	62.4	63.3	80.4	14.2	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
523	R61Y_075_062$_e$	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.458	0.125	57.2	18.0	41.9	45.7	66.6	0.75	0.5	0.125	62.2	12.2	61.9	63.1	78.7	21.3	62	1.0	0.534	0.0	65.9	28.9	67.1	73.1	66.6
524	R50Y_075_050$_e$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.482	0.25	58.6	18.9	31.4	36.6	58.8	0.75	0.5	0.25	62.8	12.5	46.7	48.4	74.9	17.1	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
525	R31Y_075_037$_e$	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.502	0.375	60.2	19.6	20.8	28.6	46.6	0.75	0.5	0.375	63.0	14.3	24.6	28.5	59.7	7.0	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
526	R00Y_075_025$_e$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.559	64.2	16.0	7.6	17.7	25.4	0.75	0.5	0.5	61.7	19.9	6.2	20.8	17.3	4.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
527	R00Y_075_025$_e$	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.743	64.6	17.9	−2.4	18.0	352.0	0.75	0.5	0.625	60.7	29.2	−11.5	31.4	338.5	14.9	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
528	B50R_075_025$_e$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.712	0.5	0.75	63.3	11.2	−6.8	13.1	328.6	0.75	0.5	0.75	58.7	29.4	−23.7	37.8	321.1	25.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
529	B34R_087_037$_e$	0.75	0.5	0.875	0.875	0.375	0.687	311	0.774	0.5	0.875	65.4	11.4	−13.3	17.6	310.5	0.75	0.5	0.875	56.2	20.4	−28.9	35.4	305.2	20.1	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
530	B25R_100_050$_e$	0.75	0.5	1.0	1.0	0.5	0.75	300	0.829	0.5	1.0	67.3	11.7	−20.2	23.4	300.1	0.75	0.5	1.0	55.8	12.8	−31.7	34.2	292.0	16.3	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
531	R85Y_075_075$_e$	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.507	0.0	61.0	7.8	57.9	58.5	82.2	0.75	0.625	0.0	72.1	−5.1	72.5	72.7	94.0	22.4	71	1.0	0.676	0.0	76.1	10.4	77.3	78.0	82.2
532	R81Y_075_062$_e$	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.533	0.125	62.5	8.2	47.1	47.8	80.0	0.75	0.625	0.125	71.9	−4.8	72.4	72.6	93.8	30.0	70	1.0	0.653	0.0	74.5	13.2	75.4	76.6	80.0
533	R76Y_075_050$_e$	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.559	0.25	64.1	8.5	36.4	37.4	76.7	0.75	0.625	0.25	71.2	−3.8	64.0	64.1	93.4	31.1	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
534	R68Y_075_037$_e$	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.589	0.375	65.8	8.9	26.2	27.7	71.1	0.75	0.625	0.375	70.7	−1.5	41.3	41.3	92.1	19.0	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
535	R50Y_075_025$_e$	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.616	0.5	67.4	9.4	15.7	18.3	58.8	0.75	0.625	0.5	69.8	2.5	22.1	22.2	83.3	9.7	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
536	R00Y_075_012$_e$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.654	70.2	8.0	3.8	8.8	25.4	0.75	0.625	0.625	67.3	10.3	1.2	10.4	6.8	4.5	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
537	B50R_075_012$_e$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.731	0.625	0.75	69.7	5.6	−3.4	6.5	328.6	0.75	0.625	0.75	69.9	14.3	−15.2	20.9	313.2	14.6	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
538	B25R_087_025$_e$	0.75	0.625	0.875	0.875	0.25	0.75	300	0.789	0.625	0.875	71.8	5.8	−10.1	11.7	300.1	0.75	0.625	0.875	67.5	10.3	−24.0	26.1	293.2	15.2	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
539	B15R_100_037$_e$	0.75	0.625	1.0	1.0	0.375	0.812	289	0.842	0.625	1.0	74.1	6.0	−16.7	17.7	289.7	0.75	0.625	1.0	65.2	4.5	−27.6	28.0	279.2	14.1	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
540	Y00G_075_075$_e$	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.6	0.0	67.1	−2.6	64.4	64.4	92.3	0.75	0.75	0.0	81.2	−17.1	81.9	83.7	101.7	26.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
541	Y00G_075_062$_e$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.625	0.125	68.6	−2.1	53.6	53.7	92.3	0.75	0.75	0.125	80.3	−16.8	81.1	82.9	101.7	33.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
542	Y00G_075_050$_e$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.65	0.25	70.2	−1.7	42.9	42.9	92.3	0.75	0.75	0.25	79.5	−16.5	77.3	79.1	102.0	38.6	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
543	Y00G_075_037$_e$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.675	0.375	71.7	−1.3	32.2	32.2	92.3	0.75	0.75	0.375	79.5	−15.6	57.7	59.7	105.1	30.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
544	Y00G_075_025$_e$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.7	0.5	73.2	−0.8	21.4	21.4	92.3	0.75	0.75	0.5	78.7	−12.7	38.5	40.5	108.3	21.5	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
545	Y00G_075_012$_e$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.725	0.625	74.7	−0.4	10.7	10.7	92.3	0.75	0.75	0.625	76.0	−7.6	19.5	21.0	111.4	11.5	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
546	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.75	0.75	0.75	73.1	0.2	−0.4	0.5	293.1	3.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
547	B00R_087_012$_e$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.799	0.75	0.875	79.0	0.1	−6.2	6.2	271.7	0.75	0.75	0.875	82.1	−2.3	−15.9	16.0	261.4	10.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
548	B00R_100_025$_e$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.849	0.75	1.0	81.8	0.3	−12.4	12.4	271.7	0.75	0.75	1.0	78.0	−7.0	−20.9	22.1	251.3	11.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
549	Y13G_087_087$_e$	0.75	0.875	0.0	0.875	0.875	0.437	98	0.859	0.875	0.0	82.0	−16.7	81.5	83.2	101.6	0.75	0.875	0.0	81.1	−30.0	75.5	81.3	111.7	14.6	90	0.982	1.0	0.0	91.5	−19.1	93.1	95.1	101.6
550	Y15G_087_075$_e$	0.75	0.875	0.125	0.875	0.75	0.5	99	0.848	0.875	0.125	81.7	−15.5	68.3	70.1	102.7	0.75	0.875	0.125	81.5	−30.0	75.4	81.2	111.6	16.1	91	0.964	1.0	0.0	90.3	−20.7	91.1	93.4	102.7
551	Y18G_087_062$_e$	0.75	0.875	0.25	0.875	0.625	0.562	101	0.831	0.875	0.25	80.9	−14.6	54.3	56.3	105.1	0.75	0.875	0.25	82.1	−29.2	70.4	76.2	112.5	21.7	93	0.93	1.0	0.0	87.7	−23.5	86.9	90.1	105.1
552	Y23G_087_050$_e$	0.75	0.875	0.375	0.875	0.5	0.625	104	0.814	0.875	0.375	80.1	−13.5	40.3	42.5	108.6	0.75	0.875	0.375	83.1	−27.4	57.6	63.8	115.4	22.4	96	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6
553	Y31G_087_037$_e$	0.75	0.875	0.5	0.875	0.375	0.687	109	0.804	0.875	0.5	79.8	−12.4	27.3	30.0	114.4	0.75	0.875	0.5	83.6	−25.3	43.7	50.5	120.0	21.1	100	0.813	1.0	0.0	79.1	−33.1	72.9	80.1	114.4
554	Y50G_087_025$_e$	0.75	0.875	0.625	0.875	0.25	0.75	120	0.79	0.875	0.625	79.5	−10.9	14.3	18.0	127.2	0.75	0.875	0.625	84.9	−22.0	29.8	37.1	126.4	19.7	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
555	G00B_087_012$_e$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.844	81.5	−6.8	2.2	7.2	162.2	0.75	0.875	0.75	87.1	−17.6	17.6	24.9	135.1	19.6	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
556	G50B_087_012$_e$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.867	0.875	81.1	−4.8	−3.6	6.0	216.9	0.75	0.875	0.875	87.4	−12.4	−0.4	12.4	181.9	10.3	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
557	G75B_100_025$_e$	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.933	1.0	85.3	−6.0	−12.5	13.9	244.3	0.75	0.875	1.0	86.0	−9.0	−13.8	16.5	236.8	3.3	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
558	Y23G_100_100$_e$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6	0.75	1.0	0.0	74.4	−37.9	65.2	75.5	120.1	21.0	96	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6
559	Y26G_100_087$_e$	0.75

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**$_{Me}$				
567	R00Y_087_087$_e$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.207	44.2	56.2	26.7	62.2	25.4	0.875	0.0	0.0	43.4	56.5	39.8	69.1	35.2	13.1	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
568	R36Y_087_087$_e$	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.339	44.3	57.7	17.1	60.2	16.5	0.875	0.0	0.125	43.3	55.8	34.5	65.6	31.7	17.5	367	1.0	0.0	0.387	48.4	66.0	19.6	68.8	16.5
569	R23Y_087_087$_e$	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.482	44.3	60.6	8.1	61.1	7.6	0.875	0.0	0.25	42.8	56.3	25.3	61.7	24.1	17.7	356	1.0	0.0	0.551	48.3	69.3	9.3	69.9	7.6
570	R08Y_087_087$_e$	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.678	44.3	63.9	−2.6	63.9	357.6	0.875	0.0	0.375	43.0	59.0	12.1	60.2	11.6	15.6	342	1.0	0.0	0.775	48.4	73.0	−3.0	73.0	357.6
571	B70R_087_087$_e$	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.842	45.5	62.9	−8.5	63.5	352.3	0.875	0.0	0.5	43.3	63.5	0.0	63.5	359.9	8.7	331	1.0	0.0	0.963	49.7	71.9	−9.7	72.6	352.3
572	B63R_087_087$_e$	0.875	0.0	0.625	0.875	0.875	0.437	346	0.83	0.0	0.875	44.2	54.3	−15.8	56.5	343.7	0.875	0.0	0.625	44.3	68.6	−11.5	69.5	350.4	14.9	327	0.949	0.0	1.0	48.3	62.0	−18.0	64.6	343.7
573	B56R_087_087$_e$	0.875	0.0	0.75	0.875	0.875	0.437	338	0.787	0.0	0.875	42.7	46.1	−20.3	50.4	336.1	0.875	0.0	0.75	44.1	67.7	−15.7	69.5	346.9	22.1	324	0.899	0.0	1.0	46.6	52.7	−23.2	57.6	336.1
574	B50R_087_087$_e$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.743	0.0	0.875	41.2	39.4	−24.0	46.1	328.6	0.875	0.0	0.875	43.6	60.6	−20.1	63.9	341.6	21.7	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
575	B44R_100_100$_e$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.807	0.0	1.0	43.3	39.6	−30.9	50.2	321.9	0.875	0.0	1.0	45.7	48.0	−25.0	54.1	332.4	10.5	319	0.807	0.0	1.0	43.3	39.6	−30.9	50.2	321.9
576	R13Y_087_087$_e$	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.032	0.0	44.2	55.0	37.7	66.7	34.3	0.875	0.125	0.0	44.6	59.1	45.2	74.4	37.4	8.5	31	1.0	0.037	0.0	48.3	62.9	43.0	76.2	34.3
577	R00Y_087_075$_e$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.302	50.2	48.1	22.9	53.3	25.4	0.875	0.125	0.125	43.6	56.5	32.7	65.3	30.0	14.4	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
578	R35Y_087_075$_e$	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.429	50.3	49.8	13.7	51.7	15.4	0.875	0.125	0.25	43.3	57.5	22.7	61.8	21.6	13.7	366	1.0	0.0	0.406	48.4	66.4	18.3	68.9	15.4
579	R18Y_087_075$_e$	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.597	50.3	52.8	3.9	52.9	4.3	0.875	0.125	0.375	43.4	60.4	10.2	61.3	9.6	12.0	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
580	R00Y_087_075$_e$	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.856	51.4	53.7	−7.4	54.2	352.0	0.875	0.125	0.5	43.7	65.5	−3.0	65.6	357.3	14.7	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
581	B65R_087_075$_e$	0.875	0.125	0.625	0.875	0.75	0.5	349	0.85	0.125	0.875	50.7	49.1	−11.6	50.4	346.6	0.875	0.125	0.625	45.1	70.5	−12.9	71.7	349.5	22.2	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
582	B57R_087_075$_e$	0.875	0.125	0.75	0.875	0.75	0.5	339	0.804	0.125	0.875	49.1	40.4	−17.0	43.9	337.1	0.875	0.125	0.75	44.0	65.2	−17.4	67.5	345.0	25.3	325	0.905	0.0	1.0	46.8	53.9	−22.7	58.5	337.1
583	B50R_087_075$_e$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.762	0.125	0.875	47.6	33.7	−20.6	39.5	328.6	0.875	0.125	0.875	44.4	56.5	−22.1	60.7	338.5	23.0	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
584	B43R_100_087$_e$	0.875	0.125	1.0	1.0	0.875	0.562	322	0.825	0.125	1.0	49.8	33.9	−27.4	43.6	321.0	0.875	0.125	1.0	45.9	46.5	−25.7	53.1	331.0	13.2	319	0.8	0.0	1.0	43.1	38.8	−31.3	49.9	321.0
585	R26Y_087_087$_e$	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.257	0.0	47.3	49.1	46.3	67.5	43.3	0.875	0.25	0.0	47.7	57.2	50.1	76.0	41.2	8.8	46	1.0	0.294	0.0	51.8	56.2	52.9	77.2	43.3
586	R15Y_087_075$_e$	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.213	0.125	50.5	46.5	33.2	57.1	35.5	0.875	0.25	0.125	46.7	60.1	44.9	75.0	36.7	18.3	36	1.0	0.117	0.0	48.7	62.0	44.2	76.2	35.5
587	R00Y_087_062$_e$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.398	56.2	40.1	19.1	44.4	25.4	0.875	0.25	0.25	46.9	60.8	31.0	68.3	27.0	25.6	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
588	R31Y_087_062$_e$	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.527	56.3	42.0	9.8	43.2	13.2	0.875	0.25	0.375	47.0	63.7	17.2	66.0	15.1	24.7	363	1.0	0.0	0.443	48.4	67.3	15.8	69.1	13.2
589	R11Y_087_062$_e$	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.701	56.2	45.1	−0.1	45.1	359.8	0.875	0.25	0.5	47.7	68.9	−1.3	68.9	358.9	25.3	345	1.0	0.0	0.722	48.3	72.2	−0.1	72.2	359.8
590	B69R_087_062$_e$	0.875	0.25	0.625	0.875	0.625	0.562	353	0.87	0.25	0.875	57.2	43.6	−7.3	44.2	350.4	0.875	0.25	0.625	47.8	71.0	−12.9	72.2	349.6	29.4	329	0.992	0.0	1.0	49.9	69.8	−11.7	70.8	350.4
591	B59R_087_062$_e$	0.875	0.25	0.75	0.875	0.625	0.562	341	0.823	0.25	0.875	55.6	35.1	−13.4	37.6	339.0	0.875	0.25	0.75	46.8	61.2	−18.7	64.0	342.9	28.0	325	0.918	0.0	1.0	47.2	56.2	−21.5	60.2	339.0
592	B50R_087_062$_e$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.781	0.25	0.875	54.1	28.1	−17.1	32.9	328.6	0.875	0.25	0.875	46.9	51.6	−23.2	56.6	335.7	25.3	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
593	B42R_100_075$_e$	0.875	0.25	1.0	1.0	0.75	0.625	321	0.846	0.25	1.0	56.3	28.5	−23.8	37.1	320.0	0.875	0.25	1.0	46.9	44.4	−26.0	51.5	329.6	18.6	318	0.794	0.0	1.0	42.9	38.0	−31.8	49.5	320.0
594	R41Y_087_087$_e$	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.361	0.0	52.4	39.0	52.3	65.3	53.3	0.875	0.375	0.0	55.1	41.6	55.5	69.4	53.1	4.8	54	1.0	0.413	0.0	57.7	44.5	59.8	74.6	53.3
595	R31Y_087_075$_e$	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.38	0.125	54.3	39.3	41.6	57.2	46.6	0.875	0.375	0.125	54.5	48.7	55.9	74.2	48.9	17.1	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
596	R18Y_087_062$_e$	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.365	0.25	56.9	38.1	29.5	48.2	37.7	0.875	0.375	0.25	54.4	51.6	42.2	66.7	39.2	18.7	40	1.0	0.184	0.0	49.3	61.0	47.2	77.1	37.7
597	R00Y_087_050$_e$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.493	62.2	32.1	15.3	35.5	25.4	0.875	0.375	0.375	54.6	52.9	22.8	57.6	23.3	23.4	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
598	R26Y_087_050$_e$	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.624	62.3	34.2	5.9	34.7	9.8	0.875	0.375	0.5	54.5	56.0	5.4	56.3	5.5	23.1	360	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8
599	R00Y_087_050$_e$	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.862	63.0	35.8	−4.9	36.1	352.0	0.875	0.375	0.625	54.6	63.2	−12.3	64.4	348.9	29.5	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
600	B61R_087_050$_e$	0.875	0.375	0.75	0.875	0.5	0.625	344	0.843	0.375	0.875	62.0	29.8	−9.7	31.4	341.8	0.875	0.375	0.75	53.1	53.7	−18.0	56.7	341.4	26.7	326	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8
601	B50R_087_050$_e$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.8	0.375	0.875	60.5	22.5	−13.7	26.3	328.6	0.875	0.375	0.875	51.1	45.2	−23.0	50.7	332.9	26.3	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
602	B40R_100_062$_e$	0.875	0.375	1.0	1.0	0.625	0.687	319	0.864	0.375	1.0	62.7	22.7	−20.3	30.5	318.1	0.875	0.375	1.0	49.6	39.7	−26.0	47.4	326.7	22.1	318	0.782	0.0	1.0	42.5	36.4	−32.5	48.8	318.1
603	R58Y_087_087$_e$	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.45	0.0	58.4	27.4	57.4	63.6	64.4	0.875	0.5	0.0	65.1	22.9	65.1	69.0	70.6	11.1	60	1.0	0.515	0.0	64.5	31.3	65.6	72.7	64.4
604	R50Y_087_075$_e$	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.473	0.125	59.8	28.4	47.1	55.0	58.8	0.875	0.5	0.125	64.6	24.7	64.8	69.4	69.1	18.7	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
605	R38Y_087_062$_e$	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.495	0.25	61.2	29.5	36.5	46.9	51.0	0.875	0.5	0.25	65.0	28.0	54.7	61.5	62.8	18.6	52	1.0	0.392	0.0	56.3	47.2	58.5	75.1	51.0
606	R23Y_087_050$_e$	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.507	0.375	63.3	29.3	25.5	38.9	41.0	0.875	0.5	0.375	66.1	28.1	31.3	42.1	48.0	6.4	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
607	R00Y_087_037$_e$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.588	68.2	24.0	11.4	26.6	25.4	0.875	0.5	0.5	65.3	32.2	13.2	34.8	22.2	8.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
608	R18Y_087_037$_e$	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.736	68.3	26.4	1.9	26.4	4.3	0.875	0.5	0.625	64.0	41.0	−4.1	41.2	354.2	16.3	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
609	B65R_087_037$_e$	0.875	0.5	0.75	0.875	0.375	0.687	349	0.862	0.5	0.875	68.5	24.5	−5.8	25.2	346.6	0.875	0.5	0.75	63.0	42.9	−15.2	45.5	340.4	21.3	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
610	B50R_087_037$_e$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.818	0.5	0.875	66.9	16.8	−10.3	19.7	328.6	0.875	0.5	0.875	59.0	35.3	−21.0	41.1	329.2	22.8	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
611	B38R_100_050$_e$	0.875	0.5	1.0	1.0	0.5	0.75	316	0.882	0.5	1.0	69.1	16.9	−16.7	23.8	315.3	0.875	0.5	1.0	56.5	30.1	−24.5	38.8	320.7	19.7	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3
612	R73Y_087_087$_e$	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.525	0.0	63.8	17.4	62.7	65.1	74.4	0.875	0.625	0.0	74.3	6.4	74.5	74.8	85.0	19.1	66	1.0	0.6	0.0	70.7	19.9	71.7	74.4	74.4
613	R68Y_087_075$_e$	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.553	0.125	65.5	17.9	52.4	55.4	71.1	0.875	0.625	0.125	73.8	7.2	74.2	74.5	84.4	25.6	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
614	R61Y_087_062$_e$	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.583	0.25	67.2	18.0	41.9	45.7	66.6	0.875	0.625	0.25	73.7	9.0	68.0	68.6	82.3	28.2	62	1.0	0.534	0.0	65.9	28.9	67.1	73.1	66.6
615	R50Y_087_050$_e$	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.607	0.375	68.6	18.9	31.4	36.6	58.8	0.875	0.625	0.375	74.3	10.2	43.2	44.4	76.6	15.7	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
616	R31Y_087_037$_e$	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.627	0.5	70.3	19.6	20.8	28.6	46.6	0.875	0.625	0.5	74.6	12.6	24.6	27.7	62.8	9.0	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
617	R00Y_087_025$_e$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.684	74.2	16.0	7.6	17.7	25.4	0.875	0.625	0.625	72.9	20.1	6.4	21.1	17.8	4.4	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
618	R00Y_087_025$_e$	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.868	74.6	17.9	−2.4	18.0	352.0	0.875	0.625	0.75	73.4	29.8	−10.6	31.7	340.3	14.5	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
619	B50R_087_025$_e$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.837	0.625	0.875	73.4	11.2	−6.8	13.1	328.6	0.875	0.625	0.875	68.3	25.6	−17.2	30.9	326.0	18.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
620	B34R_100_037$_e$	0.875	0.625	1.0	1.0	0.375	0.812	311	0.899	0.625	1.0	75.5	11.4	−13.3	17.6	310.5	0.875	0.625	1.0	65.3	21.0	−21.0	29.7	314.9	15.9	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
621	R86Y_087_087$_e$	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.602	0.0	69.3	7.9	68.4	68.8	83.4	0.875	0.75	0.0	82.9	−6.6	83.9	84.1	94.5	25.2	72	1.0	0.688	0.0	77.0	9.0	78.1	78.7	83.4
622	R85Y_087_075$_e$	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.632	0.125	71.1	7.8	57.9	58.5	82.2	0.875	0.75	0.125	82.1	−6.3	82.9	83.1	94.3	30.7	71	1.0	0.676	0.0	76.1	10.4	77.3	78.0	82.2
623	R81Y_087_062$_e$	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.658	0.25	72.6	8.2	47.1	47.8	80.0	0.875	0.75	0.25	81.5	−5.5	79.4	79.6	93.9	36.2	70	1.0	0.653	0.0	74.5	13.2	75.4	76.6	80.0
624	R76Y_087_050$_e$	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.684	0.375	74.1	8.5	36.4	37.4	76.7	0.875	0.75	0.375	81.9	−4.5	61.7	61.9	94.2	29.5	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
625	R68Y_087_037$_e$	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.714	0.5	75.9	8.9	26.2	27.7	71.1	0.875	0.75	0.5	81.7	−1.3	41.1	41.1	91.8	19.0	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
626	R50Y_087_025$_e$	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.741	0.625	77.5	9.4	15.7	18.3	58.8	0.875	0.75	0.625	80.5	3.3	22.4	22.6	81.5	9.6	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
627	R00Y_087_012$_e$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.779	80.3	8.0	3.8	8.8	25.4	0.875	0.75	0.75	78.7	10.4	1.5	10.5	8.4	3.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
628	B50R_087_012$_e$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.856	0.75	0.875	79.8	5.6	−3.4	6.5	328.6	0.875	0.75	0.875	81.3	14.7	−11.0	18.4	323.1	12.0	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
629	B25R_100_025$_e$	0.875	0.75	1.0	1.0	0.25	0.875	300	0.914	0.75	1.0	81.8	5.8	−10.1	11.7	300.1	0.875	0.75	1.0	76.9	9.5	−16.2	18.8	300.4	8.6	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
630	Y00G_087_087$_e$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.7	0.0	75.7	−3.0	75.1	75.2	92.3	0.875	0.875	0.0	89.1	−17.5	90.6	92.3	100.9	25.0	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
631	Y00G_087_075$_e$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.725	0.125	77.2	−2.6	64.4	64.4	92.3	0.875	0.875	0.125	88.7	−17.3	90.2	91.9	100.8	31.9	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
632	Y00G_087_062$_e$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.75	0.25	78.7	−2.1	53.6	53.7	92.3	0.875	0.875	0.25	88.4	−17.4	89.0	90.7	101.0	39.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
633	Y00G_087_050$_e$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.775	0.375	80.2	−1.7	42.9	42.9	92.3	0.875	0.875	0.375	88.8	−16.9	73.5	75.4	103.0	35.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
634	Y00G_087_037$_e$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.8	0.5	81.7	−1.3	32.2	32.2	92.3	0.875	0.875	0.5	88.7	−14.7	54.1	56.1	105.2	26.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
635	Y00G_087_025$_e$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.825	0.625	83.2	−0.8	21.4	21.4	92.3	0.875	0.875	0.625	88.5	−11.8	37.5	39.3	107.5	20.1	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
636	Y00G_087_012$_e$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.85	0.75	84.8	−0.4	10.7	10.7	92.3	0.875	0.875	0.75	87.5	−7.1	19.3	20.5	110.2	11.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
637	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	86.3	0.1	−0.2	0.2	313.1	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
638	B00R_100_012$_e$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.924	0.875	1.0	89.0	0.1	−6.2	6.2	271.7	0.875	0.875	1.0	89.9	−2.0	−7.8	8.1	255.2	2.9	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
639	Y11G_100_100$_e$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	0.875	1.0	0.0	83.7	−27.3	80.1	84.7	108.8	20.0	90	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
640	Y13G_100_087$_e$

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)
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**$_{Me}$**				
648	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	11.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
649	R38Y_100_100$_e$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.369	48.4	65.6	20.9	68.9	17.6	1.0	0.0	0.125	48.4	63.4	37.8	73.8	30.8	17.0	368	1.0	0.0	0.369	48.4	65.6	20.9	68.9	17.6
650	R26Y_100_100$_e$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8	1.0	0.0	0.25	48.3	64.2	29.8	70.8	24.8	18.3	360	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8
651	R13Y_100_100$_e$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.699	48.3	71.8	1.2	71.8	0.9	1.0	0.0	0.375	48.4	65.6	20.4	68.8	17.3	20.2	347	1.0	0.0	0.699	48.3	71.8	1.2	71.8	0.9
652	R00Y_100_100$_e$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8	22.2	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
653	B68R_100_100$_e$	1.0	0.0	0.625	1.0	1.0	0.5	352	0.986	0.0	1.0	49.6	68.7	−12.7	69.9	349.4	1.0	0.0	0.625	48.3	70.3	5.5	70.5	4.5	18.4	329	0.986	0.0	1.0	49.6	68.7	−12.7	69.9	349.4
654	B61R_100_100$_e$	1.0	0.0	0.75	1.0	1.0	0.5	344	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358.5	21.9	326	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8
655	B55R_100_100$_e$	1.0	0.0	0.875	1.0	1.0	0.5	337	0.893	0.0	1.0	46.3	51.5	−23.7	56.7	335.2	1.0	0.0	0.875	48.7	74.0	−7.7	74.4	354.0	27.7	324	0.893	0.0	1.0	46.3	51.5	−23.7	56.7	335.2
656	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	31.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
657	R11Y_100_100$_e$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.0	0.024	48.2	63.3	41.5	75.8	33.2	1.0	0.125	0.0	48.8	62.0	44.3	76.2	35.6	3.1	388	1.0	0.0	0.024	48.2	63.3	41.5	75.8	33.2
658	R00Y_100_087$_e$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.332	54.3	56.2	26.7	62.2	25.4	1.0	0.125	0.125	48.4	63.2	39.4	74.5	31.9	15.6	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
659	R36Y_100_087$_e$	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.464	54.4	57.7	17.1	60.2	16.5	1.0	0.125	0.25	48.4	64.2	31.7	71.6	26.3	17.0	367	1.0	0.0	0.387	48.4	66.0	19.6	68.8	16.5
660	R23Y_100_087$_e$	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.607	54.3	60.6	8.1	61.1	7.6	1.0	0.125	0.375	48.3	66.2	21.4	69.6	17.9	15.6	356	1.0	0.0	0.551	48.3	69.3	9.3	69.9	7.6
661	R08Y_100_087$_e$	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.803	54.4	63.9	−2.6	63.9	357.6	1.0	0.125	0.5	48.5	68.1	12.1	69.1	10.1	16.5	342	1.0	0.0	0.775	48.4	73.0	−3.0	73.0	357.6
662	B70R_100_087$_e$	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.967	55.5	62.9	−8.5	63.5	352.3	1.0	0.125	0.625	48.2	70.3	5.5	70.6	4.4	17.4	331	1.0	0.0	0.963	49.7	71.9	−9.7	72.6	352.3
663	B63R_100_087$_e$	1.0	0.125	0.75	1.0	0.875	0.562	346	0.955	0.125	1.0	54.3	54.3	−15.8	56.5	343.7	1.0	0.125	0.75	48.3	72.9	−2.8	73.0	357.8	23.5	327	0.949	0.0	1.0	48.3	62.0	−18.0	64.6	343.7
664	B56R_100_087$_e$	1.0	0.125	0.875	1.0	0.875	0.562	338	0.912	0.125	1.0	52.8	46.1	−20.3	50.4	336.1	1.0	0.125	0.875	48.9	74.2	−8.7	74.7	353.2	30.6	324	0.899	0.0	1.0	46.6	52.7	−23.2	57.6	336.1
665	B50R_100_087$_e$	1.0	0.125	1.0	1.0	0.875	0.562	330	0.868	0.125	1.0	51.3	39.4	−24.0	46.1	328.6	1.0	0.125	1.0	50.6	70.8	−10.3	71.6	351.7	34.3	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
666	R23Y_100_100$_e$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40.0	1.5	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
667	R13Y_100_087$_e$	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.157	0.125	54.3	55.0	37.7	66.7	34.3	1.0	0.25	0.125	49.3	61.2	44.4	75.7	35.9	10.4	31	1.0	0.037	0.0	48.3	62.9	43.0	76.2	34.3
668	R00Y_100_075$_e$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.427	60.3	48.1	22.9	53.3	25.4	1.0	0.25	0.25	49.3	62.7	32.7	70.8	27.5	20.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
669	R35Y_100_075$_e$	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.554	60.4	49.8	13.7	51.7	15.4	1.0	0.25	0.375	48.6	65.8	21.1	69.1	17.7	21.1	366	1.0	0.0	0.406	48.4	66.4	18.3	68.9	15.4
670	R18Y_100_075$_e$	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.722	60.3	52.8	3.9	52.9	4.3	1.0	0.25	0.5	49.3	67.6	9.9	68.3	8.3	19.3	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
671	R00Y_100_075$_e$	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.981	61.5	53.7	−7.4	54.2	352.0	1.0	0.25	0.625	49.4	70.1	1.2	70.1	0.9	22.1	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
672	B65R_100_075$_e$	1.0	0.25	0.75	1.0	0.75	0.625	349	0.975	0.25	1.0	60.8	49.1	−11.6	50.4	346.6	1.0	0.25	0.75	50.4	71.1	−6.9	71.4	354.4	24.8	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
673	B57R_100_075$_e$	1.0	0.25	0.875	1.0	0.75	0.625	339	0.929	0.25	1.0	59.2	40.4	−17.0	43.9	337.1	1.0	0.25	0.875	51.5	70.6	−10.6	71.4	351.4	31.8	325	0.905	0.0	1.0	46.8	53.9	−22.7	58.5	337.1
674	B50R_100_075$_e$	1.0	0.25	1.0	1.0	0.75	0.625	330	0.887	0.25	1.0	57.7	33.7	−20.6	39.5	328.6	1.0	0.25	1.0	53.5	66.1	−11.3	67.1	350.2	33.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
675	R36Y_100_100$_e$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.382	0.0	55.6	48.5	57.7	75.4	49.9	1.0	0.375	0.0	55.1	49.4	57.2	75.6	49.1	1.1	52	1.0	0.382	0.0	55.6	48.5	57.7	75.4	49.9
676	R26Y_100_087$_e$	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.382	0.125	57.3	49.1	46.3	67.5	43.3	1.0	0.375	0.125	53.8	52.3	54.5	75.6	46.1	9.4	46	1.0	0.294	0.0	51.8	56.2	52.9	77.2	43.3
677	R15Y_100_075$_e$	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.338	0.25	60.6	46.5	33.2	57.1	35.5	1.0	0.375	0.25	53.5	54.0	40.7	67.6	37.0	12.7	36	1.0	0.117	0.0	48.7	62.0	44.2	76.2	35.5
678	R00Y_100_062$_e$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.523	66.3	40.1	19.1	44.4	25.4	1.0	0.375	0.375	54.0	55.6	25.0	61.0	24.2	20.6	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
679	R31Y_100_062$_e$	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.652	66.4	42.0	9.8	43.2	13.2	1.0	0.375	0.5	54.0	58.7	12.3	60.0	11.8	20.8	363	1.0	0.0	0.443	48.4	67.3	15.8	69.1	13.2
680	R11Y_100_062$_e$	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.826	66.3	45.1	−0.1	45.1	359.8	1.0	0.375	0.625	54.5	60.8	2.3	60.9	2.2	19.7	345	1.0	0.0	0.722	48.3	72.2	−0.1	72.2	359.8
681	B69R_100_062$_e$	1.0	0.375	0.75	1.0	0.625	0.687	353	0.995	0.375	1.0	67.3	43.6	−7.3	44.2	350.4	1.0	0.375	0.75	55.0	63.2	−6.5	63.5	354.0	23.1	329	0.992	0.0	1.0	49.9	69.8	−11.7	70.8	350.4
682	B59R_100_062$_e$	1.0	0.375	0.875	1.0	0.625	0.687	341	0.948	0.375	1.0	65.6	35.1	−13.4	37.6	339.0	1.0	0.375	0.875	55.8	63.6	−11.3	64.6	349.9	30.1	325	0.918	0.0	1.0	47.2	56.2	−21.5	60.2	339.0
683	B50R_100_062$_e$	1.0	0.375	1.0	1.0	0.625	0.687	330	0.906	0.375	1.0	64.1	28.1	−17.1	32.9	328.6	1.0	0.375	1.0	57.0	58.5	−12.3	59.7	348.0	31.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
684	R50Y_100_100$_e$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6	5.4	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
685	R41Y_100_087$_e$	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.486	0.125	62.5	39.0	52.3	65.3	53.3	1.0	0.5	0.125	63.3	33.7	62.7	71.2	61.7	11.6	54	1.0	0.413	0.0	57.7	44.5	59.8	74.6	53.3
686	R31Y_100_075$_e$	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.505	0.25	64.3	39.3	41.6	57.2	46.6	1.0	0.5	0.25	62.9	35.1	52.5	63.1	56.2	11.7	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
687	R18Y_100_062$_e$	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.49	0.375	66.9	38.1	29.5	48.2	37.7	1.0	0.5	0.375	62.6	38.3	33.9	51.2	41.4	6.2	40	1.0	0.184	0.0	49.3	61.0	47.2	77.1	37.7
688	R00Y_100_050$_e$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.618	72.3	32.1	15.3	35.5	25.4	1.0	0.5	0.5	63.1	41.5	16.5	44.7	21.7	13.2	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
689	R26Y_100_050$_e$	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.749	72.3	34.2	5.9	34.7	9.8	1.0	0.5	0.625	63.8	43.6	6.0	44.0	7.8	12.6	360	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8
690	R00Y_100_050$_e$	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.987	73.1	35.8	−4.9	36.1	352.0	1.0	0.5	0.75	63.4	47.4	−3.1	47.5	356.2	15.2	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
691	B61R_100_050$_e$	1.0	0.5	0.875	1.0	0.5	0.75	344	0.968	0.5	1.0	72.1	29.8	−9.7	31.4	341.8	1.0	0.5	0.875	63.3	50.9	−10.7	52.0	348.0	22.8	326	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8
692	B50R_100_050$_e$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.925	0.5	1.0	70.6	22.5	−13.7	26.3	328.6	1.0	0.5	1.0	63.2	47.8	−12.3	49.4	345.4	26.3	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
693	R63Y_100_100$_e$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.543	0.0	66.6	27.7	67.9	73.3	67.8	1.0	0.625	0.0	72.5	16.3	73.1	74.9	77.4	13.8	62	1.0	0.543	0.0	66.6	27.7	67.9	73.3	67.8
694	R58Y_100_087$_e$	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.575	0.125	68.5	27.4	57.4	63.6	64.4	1.0	0.625	0.125	72.5	16.4	73.4	75.2	77.4	19.8	60	1.0	0.515	0.0	64.5	31.3	65.6	72.7	64.4
695	R50Y_100_075$_e$	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.598	0.25	69.9	28.4	47.1	55.0	58.8	1.0	0.625	0.25	72.9	16.2	64.4	66.4	75.8	21.3	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
696	R38Y_100_062$_e$	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.62	0.375	71.3	29.5	36.5	46.9	51.0	1.0	0.625	0.375	73.4	18.0	44.4	48.0	67.9	14.0	52	1.0	0.392	0.0	56.3	47.2	58.5	75.1	51.0
697	R23Y_100_050$_e$	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.632	0.5	73.4	29.3	25.5	38.9	41.0	1.0	0.625	0.5	74.5	20.8	24.5	32.1	49.7	8.6	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
698	R00Y_100_037$_e$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.713	78.3	24.0	11.4	26.6	25.4	1.0	0.625	0.625	73.6	26.2	11.7	28.7	24.0	5.1	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
699	R18Y_100_037$_e$	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.861	78.3	26.4	1.9	26.4	4.3	1.0	0.625	0.75	72.9	32.4	−1.6	32.5	357.1	8.9	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
700	B65R_100_037$_e$	1.0	0.625	0.875	1.0	0.375	0.812	349	0.987	0.625	1.0	78.6	24.5	−5.8	25.2	346.6	1.0	0.625	0.875	71.5	38.1	−9.5	39.3	345.9	15.7	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
701	B50R_100_037$_e$	1.0	0.625	1.0	1.0	0.375	0.812	330	0.943	0.625	1.0	77.0	16.8	−10.3	19.7	328.6	1.0	0.625	1.0	68.9	38.6	−11.8	40.4	342.9	23.3	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
702	R76Y_100_100$_e$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89.2	20.7	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
703	R73Y_100_087$_e$	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.65	0.125	73.9	17.4	62.7	65.1	74.4	1.0	0.75	0.125	80.5	2.6	79.4	79.5	88.0	23.2	66	1.0	0.6	0.0	70.7	19.9	71.7	74.4	74.4
704	R68Y_100_075$_e$	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.678	0.25	75.6	17.9	52.4	55.4	71.1	1.0	0.75	0.25	81.0	2.0	74.3	74.3	88.4	27.5	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
705	R61Y_100_062$_e$	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.708	0.375	77.3	18.0	41.9	45.7	66.6	1.0	0.75	0.375	81.0	3.7	58.8	58.9	86.3	22.4	62	1.0	0.534	0.0	65.9	28.9	67.1	73.1	66.6
706	R50Y_100_050$_e$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.732	0.5	78.7	18.9	31.4	36.6	58.8	1.0	0.75	0.5	82.3	4.7	42.3	42.6	83.5	18.2	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
707	R31Y_100_037$_e$	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.752	0.625	80.3	19.6	20.8	28.6	46.6	1.0	0.75	0.625	83.4	8.6	22.2	23.8	68.7	11.4	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
708	R00Y_100_025$_e$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.809	84.3	16.0	7.6	17.7	25.4	1.0	0.75	0.75	81.4	17.4	5.8	18.4	18.3	3.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
709	R00Y_100_025$_e$	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.993	84.7	17.9	−2.4	18.0	352.0	1.0	0.75	0.875	80.8	23.8	−7.1	24.8	343.4	8.4	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
710	B50R_100_025$_e$	1.0	0.75	1.0	1.0	0.25	0.875	330	0.962	0.75	1.0	83.5	11.2	−6.8	13.1	328.6	1.0	0.75	1.0	76.9	27.7	−9.1	29.2	341.8	17.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
711	R88Y_100_100$_e$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.7	0.0	77.8	7.5	79.0	79.4	84.5	1.0	0.875	0.0	88.7	−11.0	90.6	91.3	96.9	24.5	73	1.0	0.7	0.0	77.8	7.5	79.0	79.4	84.5
712	R86Y_100_087$_e$	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.727	0.125	79.4	7.9	68.4	68.8	83.4	1.0	0.875	0.125	87.3	−8.5	85.2	85.6	95.7	24.8	72	1.0	0.688	0.0	77.0	9.0	78.1	78.7	83.4
713	R85Y_100_075$_e$	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.757	0.25	81.2	7.8	57.9	58.5	82.2	1.0	0.875	0.25	87.3	−7.7	75.1	75.5	95.8	23.9	71	1.0	0.676	0.0	76.1	10.4	77.3	78.0	82.2
714	R81Y_100_062$_e$	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.783	0.375	82.7	8.2	47.1	47.8	80.0	1.0	0.875	0.375	87.1	−6.2	64.4	64.8	95.5	23.0	70	1.0	0.653	0.0	74.5	13.2	75.4	76.6	80.0
715	R76Y_100_050$_e$	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.809	0.5	84.2	8.5	36.4	37.4	76.7	1.0	0.875	0.5	88.6	−6.6	53.9	54.3	97.0	23.6	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
716	R68Y_100_037$_e$	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.839	0.625	86.0	8.9	26.2	27.7	71.1	1.0	0.875	0.625	89.0	−4.0	39.4	39.6	95.8	18.7	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
717	R50Y_100_025$_e$	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.866	0.75	87.5	9.4	15.7	18.3	58.8	1.0	0.875	0.75	90.9	−1.3	21.3	21.3	93.6	12.6	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
718	R00Y_100_012$_e$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.904	90.3	8.0	3.8	8.8	25.4	1.0	0.875	0.875	89.3	9.2	0.4	9.2	2.7	3.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
719	B50R_100_012$_e$	1.0	0.875	1.0	1.0	0.125	0.937	330	0.981	0.875	1.0	89.9	5.6	−3.4	6.5	328.6	1.0	0.875	1.0	86.7	15.2	−6.0	16.3	338.4	10.4	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
720	Y00G_100_100$_e$	1.0

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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.5	0.0	−0.4	0.4	273.1	0.5	360	1.0	1.0	1.0	96.3	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	0.992	1.0	91.2	−4.8	−3.6	6.0	216.9	0.875	1.0	1.0	91.7	−6.0	−3.8	7.1	212.2	1.3	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
731	G50B_100_025$_e$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	0.985	1.0	86.1	−9.7	−7.3	12.1	216.9	0.75	1.0	1.0	85.5	−12.1	−7.0	13.9	210.0	2.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
732	G50B_100_037$_e$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	0.977	1.0	80.9	−14.5	−10.9	18.2	216.9	0.625	1.0	1.0	80.3	−16.7	−10.0	19.5	210.9	2.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
733	G50B_100_050$_e$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	0.97	1.0	75.8	−19.4	−14.6	24.2	216.9	0.5	1.0	1.0	73.5	−22.1	−15.2	26.8	214.4	3.6	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
734	G50B_100_062$_e$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	0.963	1.0	70.7	−24.2	−18.2	30.3	216.9	0.375	1.0	1.0	67.5	−28.0	−16.7	32.6	210.9	5.1	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
735	G50B_100_075$_e$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	0.955	1.0	65.5	−29.1	−21.9	36.4	216.9	0.25	1.0	1.0	61.4	−34.3	−19.4	39.4	209.5	7.1	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
736	G50B_100_087$_e$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	0.948	1.0	60.4	−33.9	−25.5	42.5	216.9	0.125	1.0	1.0	58.3	−37.4	−21.5	43.2	209.8	5.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
737	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9	0.0	1.0	1.0	56.2	−39.4	−23.0	45.7	210.3	6.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
738	R00Y_100_012$_e$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.904	90.3	8.0	3.8	8.8	25.4	1.0	0.875	0.875	89.8	8.7	0.0	8.7	359.3	4.0	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	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	86.6	0.2	−0.4	0.5	298.6	0.6	360	1.0	1.0	1.0	96.3	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	0.867	0.875	81.1	−4.8	−3.6	6.0	216.9	0.75	0.875	0.875	87.1	−11.9	−2.3	12.1	190.9	9.3	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
741	G50B_087_025$_e$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.86	0.875	76.0	−9.7	−7.3	12.1	216.9	0.625	0.875	0.875	80.9	−17.8	−5.3	18.6	196.7	9.6	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
742	G50B_087_037$_e$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.852	0.875	70.9	−14.5	−10.9	18.2	216.9	0.5	0.875	0.875	74.2	−23.7	−9.9	25.7	202.7	9.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
743	G50B_087_050$_e$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.845	0.875	65.7	−19.4	−14.6	24.2	216.9	0.375	0.875	0.875	69.9	−28.1	−9.3	29.6	198.3	11.0	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
744	G50B_087_062$_e$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.838	0.875	60.6	−24.2	−18.2	30.3	216.9	0.25	0.875	0.875	63.4	−35.1	−12.7	37.4	199.8	12.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
745	G50B_087_075$_e$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.83	0.875	55.5	−29.1	−21.9	36.4	216.9	0.125	0.875	0.875	58.2	−41.2	−15.5	44.1	200.6	13.9	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
746	G50B_087_087$_e$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.823	0.875	50.3	−33.9	−25.5	42.5	216.9	0.0	0.875	0.875	55.9	−42.6	−18.8	46.6	203.8	12.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
747	R00Y_100_025$_e$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.809	84.3	16.0	7.6	17.7	25.4	1.0	0.75	0.75	82.2	16.9	3.5	17.3	11.8	4.6	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
748	R00Y_087_012$_e$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.779	80.3	8.0	3.8	8.8	25.4	0.875	0.75	0.75	80.1	9.6	1.3	9.7	8.1	2.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	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	76.2	0.0	0.0	0.0	0.0	0.75	0.75	0.75	74.9	0.1	−0.6	0.7	283.4	1.4	360	1.0	1.0	1.0	96.3	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	0.742	0.75	71.1	−4.8	−3.6	6.0	216.9	0.625	0.75	0.75	75.9	−12.0	−3.4	12.5	196.0	8.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
751	G50B_075_025$_e$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.735	0.75	65.9	−9.7	−7.3	12.1	216.9	0.5	0.75	0.75	73.7	−21.2	−5.9	22.1	195.5	14.0	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
752	G50B_075_037$_e$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.727	0.75	60.8	−14.5	−10.9	18.2	216.9	0.375	0.75	0.75	69.6	−28.2	−6.5	29.0	193.0	16.8	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
753	G50B_075_050$_e$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.72	0.75	55.7	−19.4	−14.6	24.2	216.9	0.25	0.75	0.75	63.2	−37.4	−8.5	38.3	192.8	20.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
754	G50B_075_062$_e$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.713	0.75	50.5	−24.2	−18.2	30.3	216.9	0.125	0.75	0.75	57.6	−44.4	−11.7	46.0	194.8	22.3	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
755	G50B_075_075$_e$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.705	0.75	45.4	−29.1	−21.9	36.4	216.9	0.0	0.75	0.75	54.2	−47.8	−15.1	50.1	197.5	21.8	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
756	R00Y_100_037$_e$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.713	78.3	24.0	11.4	26.6	25.4	1.0	0.625	0.625	74.7	25.4	8.6	26.8	18.6	4.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
757	R00Y_087_025$_e$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.684	74.2	16.0	7.6	17.7	25.4	0.875	0.625	0.625	74.7	18.8	5.1	19.5	15.2	3.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
758	R00Y_075_012$_e$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.654	70.2	8.0	3.8	8.8	25.4	0.75	0.625	0.625	68.3	10.0	0.4	10.0	2.7	4.3	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	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	66.1	0.0	0.0	0.0	0.0	0.625	0.625	0.625	61.3	0.1	−1.2	1.2	275.3	4.9	360	1.0	1.0	1.0	96.3	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	0.617	0.625	61.0	−4.8	−3.6	6.0	216.9	0.5	0.625	0.625	64.6	−12.9	−3.8	13.5	196.5	8.8	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
761	G50B_062_025$_e$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.61	0.625	55.8	−9.7	−7.3	12.1	216.9	0.375	0.625	0.625	63.0	−23.8	−5.3	24.4	192.6	15.9	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
762	G50B_062_037$_e$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.602	0.625	50.7	−14.5	−10.9	18.2	216.9	0.25	0.625	0.625	60.7	−36.3	−7.2	37.0	191.3	24.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
763	G50B_062_050$_e$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.595	0.625	45.6	−19.4	−14.6	24.2	216.9	0.125	0.625	0.625	54.1	−51.5	−10.8	52.7	191.8	33.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
764	G50B_062_062$_e$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.588	0.625	40.4	−24.2	−18.2	30.3	216.9	0.0	0.625	0.625	50.5	−55.9	−13.6	57.5	193.7	33.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
765	R00Y_100_050$_e$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.618	72.3	32.1	15.3	35.5	25.4	1.0	0.5	0.5	63.7	40.7	14.0	43.1	19.0	12.2	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
766	R00Y_087_037$_e$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.588	68.2	24.0	11.4	26.6	25.4	0.875	0.5	0.5	66.2	31.7	10.9	33.5	18.9	7.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
767	R00Y_075_025$_e$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.559	64.2	16.0	7.6	17.7	25.4	0.75	0.5	0.5	62.6	19.6	4.1	20.0	11.9	5.2	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
768	R00Y_062_012$_e$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.529	60.1	8.0	3.8	8.8	25.4	0.625	0.5	0.5	55.5	10.1	0.0	10.1	359.8	6.4	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	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	56.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	49.4	0.0	−1.2	1.2	270.2	6.7	360	1.0	1.0	1.0	96.3	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	0.492	0.5	50.9	−4.8	−3.6	6.0	216.9	0.375	0.5	0.5	51.5	−13.3	−6.3	14.8	205.4	8.9	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
771	G50B_050_025$_e$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.485	0.5	45.8	−9.7	−7.3	12.1	216.9	0.25	0.5	0.5	51.0	−25.5	−7.7	26.7	196.8	16.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
772	G50B_050_037$_e$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.477	0.5	40.6	−14.5	−10.9	18.2	216.9	0.125	0.5	0.5	49.2	−52.7	−10.0	53.6	190.7	39.1	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
773	G50B_050_050$_e$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.47	0.5	35.5	−19.4	−14.6	24.2	216.9	0.0	0.5	0.5	48.5	−58.4	−9.0	59.1	188.8	41.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
774	R00Y_100_062$_e$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.523	66.3	40.1	19.1	44.4	25.4	1.0	0.375	0.375	54.7	54.3	22.9	58.9	22.8	18.6	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
775	R00Y_087_050$_e$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.493	62.2	32.1	15.3	35.5	25.4	0.875	0.375	0.375	55.1	51.4	21.6	55.7	22.8	21.5	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
776	R00Y_075_037$_e$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.463	58.2	24.0	11.4	26.6	25.4	0.75	0.375	0.375	54.0	34.9	12.8	37.2	20.1	11.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
777	R00Y_062_025$_e$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.434	54.1	16.0	7.6	17.7	25.4	0.625	0.375	0.375	48.3	21.6	5.4	22.3	14.0	8.3	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
778	R00Y_050_012$_e$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.404	50.0	8.0	3.8	8.8	25.4	0.5	0.375	0.375	43.5	10.8	0.7	10.9	4.0	7.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	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	46.0	0.0	0.0	0.0	0.0	0.375	0.375	0.375	37.2	0.0	−1.4	1.4	271.2	8.8	360	1.0	1.0	1.0	96.3	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	0.367	0.375	40.8	−4.8	−3.6	6.0	216.9	0.25	0.375	0.375	39.0	−14.7	−6.4	16.0	203.5	10.3	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
781	G50B_037_025$_e$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.36	0.375	35.7	−9.7	−7.3	12.1	216.9	0.125	0.375	0.375	40.1	−35.8	−8.9	36.9	193.9	26.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
782	G50B_037_037$_e$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.352	0.375	30.6	−14.5	−10.9	18.2	216.9	0.0	0.375	0.375	40.1	−48.1	−7.1	48.6	188.4	35.1	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
783	R00Y_100_075$_e$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.427	60.3	48.1	22.9	53.3	25.4	1.0	0.25	0.25	49.4	62.4	31.2	69.8	26.5	19.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
784	R00Y_087_062$_e$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.398	56.2	40.1	19.1	44.4	25.4	0.875	0.25	0.25	46.9	60.1	29.9	67.1	26.4	24.5	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
785	R00Y_075_050$_e$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.368	52.2	32.1	15.3	35.5	25.4	0.75	0.25	0.25	41.0	53.6	24.1	58.8	24.2	25.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
786	R00Y_062_037$_e$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.338	48.1	24.0	11.4	26.6	25.4	0.625	0.25	0.25	38.0	39.2	16.4	42.5	22.7	18.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
787	R00Y_050_025$_e$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.309	44.0	16.0	7.6	17.7	25.4	0.5	0.25	0.25	34.8	23.5	7.3	24.6	17.2	11.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
788	R00Y_037_012$_e$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.279	40.0	8.0	3.8	8.8	25.4	0.375	0.25	0.25	31.2	11.6	0.9	11.7	4.5	9.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	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	35.9	0.0	0.0	0.0	0.0	0.25	0.25	0.25	26.9	0.0	−0.9	0.9	268.1	9.0	360	1.0	1.0	1.0	96.3	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	0.242	0.25	30.8	−4.8	−3.6	6.0	216.9	0.125	0.25	0.25	31.0	−20.4	−6.8	21.5	198.6	15.9	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
791	G50B_025_025$_e$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.235	0.25	25.6	−9.7	−7.3	12.1	216.9	0.0	0.25	0.25	28.2	−32.8	−6.9	33.5	191.9	23.3	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
792	R00Y_100_087$_e$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.332	54.3	56.2	26.7	62.2	25.4	1.0	0.125	0.125	48.3	63.1	39.6	74.6	32.1	15.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
793	R00Y_087_075$_e$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.302	50.2	48.1	22.9	53.3	25.4	0.875	0.125	0.125	42.6	55.7	32.5	64.5	30.2	14.4	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
794	R00Y_075_062$_e$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.273	46.1	40.1	19.1	44.4	25.4	0.75	0.125	0.125	37.6	49.0	28.0	56.4	29.7	15.2	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
795	R00Y_062_050$_e$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.243	42.1	32.1	15.3	35.5	25.4	0.625	0.125	0.125	33.1	43.3	24.2	49.7	29.2	16.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
796	R00Y_050_037$_e$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.213	38.0	24.0	11.4	26.6	25.4	0.5	0.125	0.125	28.8	37.5	17.2	41.3	24.6	17.2	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
797	R00Y_037_025$_e$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.184	33.9	16.0	7.6	17.7	25.4	0.375	0.125	0.125	24.9	26.1	8.6	27.5	18.2	13.5	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
798	R00Y_025_012$_e$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.154	29.9	8.0	3.8	8.8	25.4	0.25	0.125	0.125	21.6	11.8	1.9	11.9	9.1	9.2	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	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	25.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	18.2	0.0	−0.2	0.2	267.5	7.6	360	1.0	1.0	1.0	96.3	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	0.117	0.125	20.7	−4.8	−3.6	6.0	216.9	0.0	0.125	0.125	19.0	−14.9	−4.3	15.5	196.1	10.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
801	R00Y_100_100$_e$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4	1.0	0.0	0.0	48.2	62.9	43.6	76.6	34.7	13.1	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
802	R00Y_087_087$_e$	0.875	0.0	0.0	0.875	0.875	0.437	390

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

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**$_{Me}$*				
810	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.5	0.5	276.3	0.5	360	1.0	1.0	1.0	96.3	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	0.924	0.875	1.0	89.0	0.1	−6.2	6.2	271.7	0.875	0.875	1.0	89.3	−1.8	−8.7	8.9	257.9	3.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
812	B00R_100_025$_e$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.849	0.75	1.0	81.8	0.3	−12.4	12.4	271.7	0.75	0.75	1.0	77.7	−6.0	−21.0	21.8	254.0	11.4	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
813	B00R_100_037$_e$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.773	0.625	1.0	74.5	0.5	−18.6	18.7	271.7	0.625	0.625	1.0	66.9	−7.6	−30.9	31.8	256.0	16.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
814	B00R_100_050$_e$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.698	0.5	1.0	67.2	0.7	−24.9	24.9	271.7	0.5	0.5	1.0	54.8	−8.6	−40.9	41.8	258.0	22.2	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
815	B00R_100_062$_e$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.623	0.375	1.0	59.9	0.9	−31.1	31.1	271.7	0.375	0.375	1.0	45.9	−9.2	−48.1	49.0	259.1	24.2	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
816	B00R_100_075$_e$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.547	0.25	1.0	52.6	1.1	−37.3	37.4	271.7	0.25	0.25	1.0	42.1	−7.5	−50.2	50.7	261.4	18.6	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
817	B00R_100_087$_e$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.472	0.125	1.0	45.3	1.3	−43.6	43.6	271.7	0.125	0.125	1.0	40.8	−5.6	−50.4	50.7	263.5	10.7	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
818	B00R_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7	0.0	0.0	1.0	39.4	−5.6	−48.5	48.8	263.3	7.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
819	Y00G_100_012$_e$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.975	0.875	94.8	−0.4	10.7	10.7	92.3	1.0	1.0	0.875	95.7	−6.9	18.8	20.1	110.1	10.4	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
820	NW_087$_e$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.875	0.875	0.875	88.1	0.1	0.0	0.1	324.7	1.8	360	1.0	1.0	1.0	96.3	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	0.799	0.75	0.875	79.0	0.1	−6.2	6.2	271.7	0.75	0.75	0.875	82.2	−1.5	−15.5	15.6	264.2	10.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
822	B00R_087_025$_e$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.724	0.625	0.875	71.7	0.3	−12.4	12.4	271.7	0.625	0.625	0.875	68.5	−4.3	−28.0	28.4	261.1	16.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
823	B00R_087_037$_e$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.648	0.5	0.875	64.4	0.5	−18.6	18.7	271.7	0.5	0.5	0.875	55.7	−4.4	−38.6	38.8	263.4	22.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
824	B00R_087_050$_e$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.573	0.375	0.875	57.1	0.7	−24.9	24.9	271.7	0.375	0.375	0.875	45.4	−6.0	−46.9	47.2	262.6	25.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
825	B00R_087_062$_e$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.498	0.25	0.875	49.8	0.9	−31.1	31.1	271.7	0.25	0.25	0.875	41.4	−6.0	−50.1	50.4	263.1	21.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
826	B00R_087_075$_e$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.422	0.125	0.875	42.5	1.1	−37.3	37.4	271.7	0.125	0.125	0.875	39.8	−5.4	−49.1	49.4	263.6	13.7	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
827	B00R_087_087$_e$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.347	0.0	0.875	35.2	1.3	−43.6	43.6	271.7	0.0	0.0	0.875	36.7	−4.7	−46.1	46.3	264.1	6.7	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
828	Y00G_100_025$_e$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.95	0.75	93.3	−0.8	21.4	21.4	92.3	1.0	1.0	0.75	95.1	−10.9	33.8	35.5	107.9	16.0	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
829	Y00G_087_012$_e$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.85	0.75	84.8	−0.4	10.7	10.7	92.3	0.875	0.875	0.75	89.0	−6.5	17.5	18.7	110.5	10.1	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
830	NW_075$_e$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.75	0.75	0.75	76.0	0.1	−0.5	0.6	286.7	0.6	360	1.0	1.0	1.0	96.3	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	0.674	0.625	0.75	68.9	0.1	−6.2	6.2	271.7	0.625	0.625	0.75	69.8	0.3	−17.2	17.2	271.2	11.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
832	B00R_075_025$_e$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.599	0.5	0.75	61.6	0.3	−12.4	12.4	271.7	0.5	0.5	0.75	57.8	−1.1	−34.1	34.1	268.1	22.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
833	B00R_075_037$_e$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.523	0.375	0.75	54.3	0.5	−18.6	18.7	271.7	0.375	0.375	0.75	46.2	−3.9	−45.5	45.7	265.0	28.4	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
834	B00R_075_050$_e$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.448	0.25	0.75	47.0	0.7	−24.9	24.9	271.7	0.25	0.25	0.75	40.7	−4.5	−49.7	49.9	264.7	26.1	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
835	B00R_075_062$_e$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.373	0.125	0.75	39.7	0.9	−31.1	31.1	271.7	0.125	0.125	0.75	38.1	−4.3	−47.5	47.7	264.7	17.2	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
836	B00R_075_075$_e$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.297	0.0	0.75	32.4	1.1	−37.3	37.4	271.7	0.0	0.0	0.75	33.9	−4.5	−42.7	42.9	263.8	7.9	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
837	Y00G_100_037$_e$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.925	0.625	91.8	−1.3	32.2	32.2	92.3	1.0	1.0	0.625	94.6	−13.5	46.1	48.0	106.3	18.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
838	Y00G_087_025$_e$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.825	0.625	83.2	−0.8	21.4	21.4	92.3	0.875	0.875	0.625	89.4	−11.5	35.8	37.6	107.9	18.9	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
839	Y00G_075_012$_e$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.725	0.625	74.7	−0.4	10.7	10.7	92.3	0.75	0.75	0.625	78.2	−6.9	17.1	18.4	111.9	9.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
840	NW_062$_e$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.625	0.625	0.625	64.0	0.1	−1.2	1.2	276.5	2.5	360	1.0	1.0	1.0	96.3	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	0.549	0.5	0.625	58.8	0.1	−6.2	6.2	271.7	0.5	0.5	0.625	56.4	−0.6	−20.4	20.4	268.2	14.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
842	B00R_062_025$_e$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.474	0.375	0.625	51.5	0.3	−12.4	12.4	271.7	0.375	0.375	0.625	47.4	−0.3	−37.0	37.0	269.4	24.9	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
843	B00R_062_037$_e$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.398	0.25	0.625	44.2	0.5	−18.6	18.7	271.7	0.25	0.25	0.625	39.8	−2.6	−49.2	49.3	266.8	31.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
844	B00R_062_050$_e$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.323	0.125	0.625	36.9	0.7	−24.9	24.9	271.7	0.125	0.125	0.625	35.9	−3.3	−46.3	46.5	265.8	21.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
845	B00R_062_062$_e$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.248	0.0	0.625	29.7	0.9	−31.1	31.1	271.7	0.0	0.0	0.625	30.2	−3.1	−39.2	39.3	265.3	9.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
846	Y00G_100_050$_e$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.9	0.5	90.3	−1.7	42.9	42.9	92.3	1.0	1.0	0.5	94.1	−15.3	58.1	60.1	104.7	20.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
847	Y00G_087_037$_e$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.8	0.5	81.7	−1.3	32.2	32.2	92.3	0.875	0.875	0.5	89.5	−14.6	53.2	55.2	105.3	26.1	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
848	Y00G_075_025$_e$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.7	0.5	73.2	−0.8	21.4	21.4	92.3	0.75	0.75	0.5	80.4	−12.2	36.2	38.2	108.6	20.0	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
849	Y00G_062_012$_e$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.6	0.5	64.6	−0.4	10.7	10.7	92.3	0.625	0.625	0.5	67.5	−6.9	16.8	18.2	112.2	9.3	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
850	NW_050$_e$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	50.6	0.1	−1.2	1.2	274.4	5.6	360	1.0	1.0	1.0	96.3	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	0.424	0.375	0.5	48.7	0.1	−6.2	6.2	271.7	0.375	0.375	0.5	46.0	−1.0	−20.7	20.8	267.0	14.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
852	B00R_050_025$_e$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.349	0.249	0.5	41.5	0.3	−12.4	12.4	271.7	0.25	0.25	0.5	40.3	−1.6	−39.8	39.8	267.6	27.4	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
853	B00R_050_037$_e$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.273	0.124	0.5	34.2	0.5	−18.6	18.7	271.7	0.125	0.125	0.5	33.9	−1.6	−45.1	45.1	267.9	26.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
854	B00R_050_050$_e$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.198	0.0	0.5	26.9	0.7	−24.9	24.9	271.7	0.0	0.0	0.5	26.6	−1.5	−35.8	35.8	267.5	11.1	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
855	Y00G_100_062$_e$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.875	0.375	88.8	−2.1	53.6	53.7	92.3	1.0	1.0	0.375	93.2	−16.4	71.0	72.9	103.0	22.9	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
856	Y00G_087_050$_e$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.775	0.375	80.2	−1.7	42.9	42.9	92.3	0.875	0.875	0.375	89.3	−16.8	73.6	75.5	102.9	35.3	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
857	Y00G_075_037$_e$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.675	0.375	71.7	−1.3	32.2	32.2	92.3	0.75	0.75	0.375	80.8	−15.4	57.1	59.2	105.1	30.1	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
858	Y00G_062_025$_e$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.575	0.375	63.1	−0.8	21.4	21.4	92.3	0.625	0.625	0.375	68.6	−12.0	36.1	38.0	108.3	19.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
859	Y00G_050_012$_e$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.475	0.375	54.5	−0.4	10.7	10.7	92.3	0.5	0.5	0.375	53.6	−7.0	15.9	17.4	113.9	8.5	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
860	NW_037$_e$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.375	0.375	0.375	36.5	0.0	−1.1	1.1	270.5	9.5	360	1.0	1.0	1.0	96.3	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	0.299	0.249	0.375	38.7	0.1	−6.2	6.2	271.7	0.25	0.25	0.375	35.3	−1.7	−23.0	23.1	265.6	17.2	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
862	B00R_037_025$_e$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.224	0.124	0.375	31.4	0.3	−12.4	12.4	271.7	0.125	0.125	0.375	30.9	−2.3	−39.6	39.7	266.6	27.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
863	B00R_037_037$_e$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.148	0.0	0.375	24.1	0.5	−18.6	18.7	271.7	0.0	0.0	0.375	21.7	−0.9	−26.7	26.8	267.9	8.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
864	Y00G_100_075$_e$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.85	0.25	87.3	−2.6	64.4	64.4	92.3	1.0	1.0	0.25	93.3	−17.4	82.2	84.0	101.9	23.9	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
865	Y00G_087_062$_e$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.75	0.25	78.7	−2.1	53.6	53.7	92.3	0.875	0.875	0.25	88.9	−17.5	90.0	91.7	101.0	40.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
866	Y00G_075_050$_e$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.65	0.25	70.2	−1.7	42.9	42.9	92.3	0.75	0.75	0.25	80.3	−16.5	78.4	80.1	101.8	39.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
867	Y00G_062_037$_e$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.55	0.25	61.6	−1.3	32.2	32.2	92.3	0.625	0.625	0.25	68.0	−14.7	58.9	60.7	104.0	30.6	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
868	Y00G_050_025$_e$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.45	0.249	53.0	−0.8	21.4	21.4	92.3	0.5	0.5	0.25	54.0	−11.8	38.6	40.4	107.0	20.4	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
869	Y00G_037_012$_e$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.35	0.249	44.5	−0.4	10.7	10.7	92.3	0.375	0.375	0.25	39.2	−6.0	15.5	16.6	111.4	9.0	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
870	NW_025$_e$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.25	0.25	0.25	25.7	0.0	−0.8	0.8	273.4	10.2	360	1.0	1.0	1.0	96.3	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	0.174	0.124	0.25	28.6	0.1	−6.2	6.2	271.7	0.125	0.125	0.25	25.6	−2.2	−25.7	25.8	264.9	19.9	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
872	B00R_025_025$_e$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.099	0.0	0.25	21.3	0.3	−12.4	12.4	271.7	0.0	0.0	0.25	21.1	−3.1	−9.5	10.0	252.0	4.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
873	Y00G_100_087$_e$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.825	0.125	85.8	−3.0	75.1	75.2	92.3	1.0	1.0	0.125	92.9	−17.7	92.5	94.2	100.8	23.8	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
874	Y00G_087_075$_e$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.725	0.125	77.2	−2.6	64.4	64.4	92.3	0.875	0.875	0.125	88.9	−17.3	90.6	92.2	100.8	32.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
875	Y00G_075_062$_e$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.625	0.125	68.6	−2.1	53.6	53.7	92.3	0.75	0.75	0.125	80.1	−16.6	81.0	82.7	101.6	33.0	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
876	Y00G_062_050$_e$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.525	0.125	60.1	−1.7	42.9	42.9	92.3	0.625	0.625	0.125	68.3	−15.2	67.1	68.8	102.7	28.9	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
877	Y00G_050_037$_e$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.425	0.124	51.5	−1.3	32.2	32.2	92.3	0.5	0.5	0.125	54.7	−12.8	53.3	54.8	103.5	24.3	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
878	Y00G_037_025$_e$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.325	0.124	42.9	−0.8	21.4	21.4	92.3	0.375	0.375	0.125	40.4	−9.8	35.7	37.0	105.3	17.0	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
879	Y00G_025_012$_e$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.225	0.124	34.4	−0.4	10.7	10.7	92.3	0.25	0.25	0.125	29.2	−6.2	19.2	20.2	108.1	11.5	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
880	NW_012$_e$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	16.7	0.0	0.0	0.0	12.3	9.1	360	1.0	1.0	1.0	96.3	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	0.049	0.0	0.125	18.5	0.1	−6.2	6.2	271.7	0.0	0.0	0.125	15.5	−0.9	−0.3	0.9	202.7	6.6	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
882	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3	1.0	1.0	0.0	92.8	−17.6	95.6	97.2	100.4	19.1	79	1.0	0.8	0.0	84.3	−3.4

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

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**$_{Me}$*				
891	NW_100$_e$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.3	0.3	272.1	0.3	360	1.0	1.0	1.0	96.3	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	0.981	0.875	1.0	89.9	5.6	−3.4	6.5	328.6	1.0	0.875	1.0	86.3	15.4	−6.2	16.6	337.8	10.8	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
893	B50R_100_025$_e$	1.0	0.75	1.0	1.0	0.25	0.875	330	0.962	0.75	1.0	83.5	11.2	−6.8	13.1	328.6	1.0	0.75	1.0	77.0	27.3	−9.7	29.0	340.4	17.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
894	B50R_100_037$_e$	1.0	0.625	1.0	1.0	0.375	0.812	330	0.943	0.625	1.0	77.0	16.8	−10.3	19.7	328.6	1.0	0.625	1.0	67.7	40.4	−12.6	42.3	342.6	25.4	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
895	B50R_100_050$_e$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.925	0.5	1.0	70.6	22.5	−13.7	26.3	328.6	1.0	0.5	1.0	62.2	49.4	−12.5	51.0	345.7	28.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
896	B50R_100_062$_e$	1.0	0.375	1.0	1.0	0.625	0.687	330	0.906	0.375	1.0	64.1	28.1	−17.1	32.9	328.6	1.0	0.375	1.0	55.9	60.4	−12.5	61.7	348.2	33.6	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
897	B50R_100_075$_e$	1.0	0.25	1.0	1.0	0.75	0.625	330	0.887	0.25	1.0	57.7	33.7	−20.6	39.5	328.6	1.0	0.25	1.0	52.1	68.2	−10.9	69.1	350.9	36.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
898	B50R_100_087$_e$	1.0	0.125	1.0	1.0	0.875	0.562	330	0.868	0.125	1.0	51.3	39.4	−24.0	46.1	328.6	1.0	0.125	1.0	50.0	71.8	−9.8	72.4	352.2	35.4	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
899	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6	1.0	0.0	1.0	49.8	71.1	−9.5	71.7	352.3	32.0	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
900	G00B_100_012$_e$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.969	91.6	−6.8	2.2	7.2	162.2	0.875	1.0	0.875	91.8	−10.8	12.2	16.3	131.4	10.7	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	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	0.875	0.875	0.875	87.4	0.2	−0.2	0.3	308.6	1.1	360	1.0	1.0	1.0	96.3	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	0.856	0.75	0.875	79.8	5.6	−3.4	6.5	328.6	0.875	0.75	0.875	81.2	13.9	−10.9	17.7	322.0	11.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
903	B50R_087_025$_e$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.837	0.625	0.875	73.4	11.2	−6.8	13.1	328.6	0.875	0.625	0.875	68.2	25.9	−17.3	31.2	326.2	18.7	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
904	B50R_087_037$_e$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.818	0.5	0.875	66.9	16.8	−10.3	19.7	328.6	0.875	0.5	0.875	57.2	37.3	−21.5	43.1	330.0	25.3	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
905	B50R_087_050$_e$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.8	0.375	0.875	60.5	22.5	−13.7	26.3	328.6	0.875	0.375	0.875	50.7	45.2	−23.2	50.8	332.8	26.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
906	B50R_087_062$_e$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.781	0.25	0.875	54.1	28.1	−17.1	32.9	328.6	0.875	0.25	0.875	45.6	53.3	−22.6	57.9	337.0	27.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
907	B50R_087_075$_e$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.762	0.125	0.875	47.6	33.7	−20.6	39.5	328.6	0.875	0.125	0.875	44.2	56.8	−21.0	60.5	339.6	23.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
908	B50R_087_087$_e$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.743	0.0	0.875	41.2	39.4	−24.0	46.1	328.6	0.875	0.0	0.875	43.4	60.7	−18.6	63.5	342.9	22.0	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
909	G00B_100_025$_e$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.938	86.9	−13.7	4.4	14.4	162.2	0.75	1.0	0.75	84.7	−20.0	17.1	26.3	139.4	14.3	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
910	G00B_087_012$_e$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.844	81.5	−6.8	2.2	7.2	162.2	0.75	0.875	0.75	86.7	−17.8	16.1	24.0	137.9	18.4	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	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	76.2	0.0	0.0	0.0	0.0	0.75	0.75	0.75	75.1	0.1	−0.6	0.6	287.9	1.2	360	1.0	1.0	1.0	96.3	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	0.731	0.625	0.75	69.7	5.6	−3.4	6.5	328.6	0.75	0.625	0.75	70.7	14.0	−14.7	20.4	313.5	14.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
913	B50R_075_025$_e$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.712	0.5	0.75	63.3	11.2	−6.8	13.1	328.6	0.75	0.5	0.75	58.6	29.3	−23.4	37.5	321.3	24.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
914	B50R_075_037$_e$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.693	0.375	0.75	56.9	16.8	−10.3	19.7	328.6	0.75	0.375	0.75	48.1	37.4	−28.0	46.7	323.1	28.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
915	B50R_075_050$_e$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.675	0.25	0.75	50.4	22.5	−13.7	26.3	328.6	0.75	0.25	0.75	41.8	45.6	−28.7	54.0	327.7	28.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
916	B50R_075_062$_e$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.656	0.125	0.75	44.0	28.1	−17.1	32.9	328.6	0.75	0.125	0.75	39.0	49.3	−27.3	56.4	331.0	24.0	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
917	B50R_075_075$_e$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.637	0.0	0.75	37.6	33.7	−20.6	39.5	328.6	0.75	0.0	0.75	37.9	52.4	−24.9	58.0	334.5	19.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
918	G00B_100_037$_e$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.907	82.1	−20.6	6.6	21.6	162.2	0.625	1.0	0.625	77.9	−28.3	19.7	34.5	145.1	15.7	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
919	G00B_087_025$_e$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.813	76.8	−13.7	4.4	14.4	162.2	0.625	0.875	0.625	78.1	−28.4	21.2	35.4	143.2	22.3	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
920	G00B_075_012$_e$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.719	71.4	−6.8	2.2	7.2	162.2	0.625	0.75	0.625	76.9	−19.1	14.8	24.2	142.2	18.4	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	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	66.1	0.0	0.0	0.0	0.0	0.625	0.625	0.625	61.9	0.1	−1.0	1.0	280.0	4.3	360	1.0	1.0	1.0	96.3	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	0.606	0.5	0.625	59.7	5.6	−3.4	6.5	328.6	0.625	0.5	0.625	57.7	15.7	−17.1	23.2	312.6	17.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
923	B50R_062_025$_e$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.587	0.375	0.625	53.2	11.2	−6.8	13.1	328.6	0.625	0.375	0.625	47.9	32.2	−30.2	44.2	316.8	31.8	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
924	B50R_062_037$_e$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.568	0.25	0.625	46.8	16.8	−10.3	19.7	328.6	0.625	0.25	0.625	38.6	42.9	−32.2	53.6	323.1	35.0	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
925	B50R_062_050$_e$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.55	0.125	0.625	40.4	22.5	−13.7	26.3	328.6	0.625	0.125	0.625	35.6	45.6	−31.0	55.2	325.7	29.3	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
926	B50R_062_062$_e$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.531	0.0	0.625	33.9	28.1	−17.1	32.9	328.6	0.625	0.0	0.625	33.9	46.5	−29.1	54.9	327.9	21.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
927	G00B_100_050$_e$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.877	77.4	−27.4	8.8	28.8	162.2	0.5	1.0	0.5	71.5	−37.1	26.7	45.7	144.2	21.1	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
928	G00B_087_037$_e$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.782	72.0	−20.6	6.6	21.6	162.2	0.5	0.875	0.5	70.4	−39.0	27.8	47.9	144.5	28.1	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
929	G00B_075_025$_e$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.688	66.7	−13.7	4.4	14.4	162.2	0.5	0.75	0.5	72.2	−36.2	25.1	44.0	145.2	31.0	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
930	G00B_062_012$_e$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.594	61.4	−6.8	2.2	7.2	162.2	0.5	0.625	0.5	65.9	−20.7	15.4	25.8	143.3	19.6	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	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	56.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	49.3	0.0	−1.3	1.3	273.8	6.8	360	1.0	1.0	1.0	96.3	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	0.481	0.375	0.5	49.6	5.6	−3.4	6.5	328.6	0.5	0.375	0.5	45.3	15.5	−17.6	23.4	311.3	17.7	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
933	B50R_050_025$_e$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.462	0.249	0.5	43.2	11.2	−6.8	13.1	328.6	0.5	0.25	0.5	36.8	37.1	−32.4	49.3	318.8	36.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
934	B50R_050_037$_e$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.443	0.124	0.5	36.7	16.8	−10.3	19.7	328.6	0.5	0.125	0.5	31.8	42.6	−31.8	53.2	323.2	33.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
935	B50R_050_050$_e$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.425	0.0	0.5	30.3	22.5	−13.7	26.3	328.6	0.5	0.0	0.5	30.8	39.6	−30.6	50.0	322.2	24.0	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
936	G00B_100_062$_e$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.846	72.6	−34.3	11.0	36.0	162.2	0.375	1.0	0.375	65.4	−47.0	34.9	58.5	143.4	27.9	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
937	G00B_087_050$_e$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.752	67.3	−27.4	8.8	28.8	162.2	0.375	0.875	0.375	64.5	−48.8	35.0	60.1	144.3	33.9	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
938	G00B_075_037$_e$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.657	62.0	−20.6	6.6	21.6	162.2	0.375	0.75	0.375	64.9	−47.9	33.9	58.7	144.6	38.8	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
939	G00B_062_025$_e$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.563	56.6	−13.7	4.4	14.4	162.2	0.375	0.625	0.375	62.1	−42.2	29.1	51.3	145.3	38.1	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
940	G00B_050_012$_e$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.469	51.3	−6.8	2.2	7.2	162.2	0.375	0.5	0.375	51.6	−22.0	14.0	26.1	147.4	19.2	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	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	46.0	0.0	0.0	0.0	0.0	0.375	0.375	0.375	35.2	0.0	−1.0	1.0	273.5	10.8	360	1.0	1.0	1.0	96.3	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	0.356	0.249	0.375	39.5	5.6	−3.4	6.5	328.6	0.375	0.25	0.375	33.5	14.6	−17.9	23.1	309.2	18.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
943	B50R_037_025$_e$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.337	0.124	0.375	33.1	11.2	−6.8	13.1	328.6	0.375	0.125	0.375	28.7	31.9	−29.6	43.6	317.1	31.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
944	B50R_037_037$_e$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.318	0.0	0.375	26.6	16.8	−10.3	19.7	328.6	0.375	0.0	0.375	26.8	30.0	−27.3	40.6	317.6	21.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
945	G00B_100_075$_e$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.815	67.9	−41.2	13.2	43.2	162.2	0.25	1.0	0.25	61.8	−54.5	40.3	67.8	143.4	30.8	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
946	G00B_087_062$_e$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.721	62.6	−34.3	11.0	36.0	162.2	0.25	0.875	0.25	60.0	−57.9	40.6	70.8	144.9	37.9	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
947	G00B_075_050$_e$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.627	57.2	−27.4	8.8	28.8	162.2	0.25	0.75	0.25	59.1	−59.2	39.9	71.4	146.0	44.4	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
948	G00B_062_037$_e$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.532	51.9	−20.6	6.6	21.6	162.2	0.25	0.625	0.25	56.8	−62.7	39.8	74.3	147.5	53.9	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
949	G00B_050_025$_e$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.438	46.6	−13.7	4.4	14.4	162.2	0.25	0.5	0.25	49.8	−47.9	29.4	56.2	148.3	42.5	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
950	G00B_037_012$_e$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.344	41.2	−6.8	2.2	7.2	162.2	0.25	0.375	0.25	39.8	−23.3	13.0	26.7	150.8	19.8	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	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	35.9	0.0	0.0	0.0	0.0	0.25	0.25	0.25	24.6	0.0	−0.6	0.6	274.2	11.3	360	1.0	1.0	1.0	96.3	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	0.231	0.124	0.25	29.4	5.6	−3.4	6.5	328.6	0.25	0.125	0.25	23.5	15.2	−19.2	24.5	308.3	19.4	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
953	B50R_025_025$_e$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.212	0.0	0.25	23.0	11.2	−6.8	13.1	328.6	0.25	0.0	0.25	20.2	20.1	−22.9	30.5	311.2	18.6	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
954	G00B_100_087$_e$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.785	63.2	−48.0	15.4	50.4	162.2	0.125	1.0	0.125	59.9	−57.9	42.0	71.5	144.0	28.5	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
955	G00B_087_075$_e$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.69	57.8	−41.2	13.2	43.2	162.2	0.125	0.875	0.125	58.2	−61.1	41.8	74.1	145.6	34.9	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
956	G00B_075_062$_e$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.596	52.5	−34.3	11.0	36.0	162.2	0.125	0.75	0.125	56.9	−62.2	40.4	74.2	146.9	40.8	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
957	G00B_062_050$_e$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.502	47.2	−27.4	8.8	28.8	162.2	0.125	0.625	0.125	51.8	−60.6	36.0	70.5	149.2	43.1	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
958	G00B_050_037$_e$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.407	41.8	−20.6	6.6	21.6	162.2	0.125	0.5	0.125	46.9	−56.7	32.0	65.1	150.5	44.4	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
959	G00B_037_025$_e$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.313	36.5	−13.7	4.4	14.4	162.2	0.125	0.375	0.125	39.6	−50.9	26.1	57.2	152.8	43.1	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
960	G00B_025_012$_e$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.219	31.1	−6.8	2.2	7.2	162.2	0.125	0.25	0.125	30.8	−28.4	14.3	31.8	153.2	24.7	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	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	25.8	0.0	0.0	0.0	0.0	0.125	0.125	0.125	17.1	0.1	0.0	0.1	37.6	8.6	360	1.0	1.0	1.0	96.3	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	0.106	0.0	0.125	19.4	5.6	−3.4	6.5	328.6	0.125	0.0	0.125	17.3	6.2	−9.2	11.1	303.8	6.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
963	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2	0.0	1.0	0.0	59.8	−58.3	43.7	72.8	143.1	26.3	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
964	G

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

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**$_{Me}$**			
972	NW_000$_e$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.0	0.0	199.1	3.6	360	1.0	1.0	1.0	96.3	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	25.8	0.0	0.0	0.0	0.0	0.125	0.125	15.0	−0.1	−0.1	0.1	224.5	10.7	360	1.0	1.0	1.0	96.3	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	35.9	0.0	0.0	0.0	0.0	0.25	0.25	22.6	0.0	−0.7	0.7	264.3	13.2	360	1.0	1.0	1.0	96.3	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	46.0	0.0	0.0	0.0	0.0	0.375	0.375	34.1	0.0	−0.9	0.9	269.2	11.8	360	1.0	1.0	1.0	96.3	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	56.0	0.0	0.0	0.0	0.0	0.5	0.5	48.6	0.1	−1.0	1.0	275.7	7.4	360	1.0	1.0	1.0	96.3	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	66.1	0.0	0.0	0.0	0.0	0.625	0.625	62.1	0.1	−0.9	0.9	277.4	4.0	360	1.0	1.0	1.0	96.3	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	76.2	0.0	0.0	0.0	0.0	0.75	0.75	75.3	0.1	−0.6	0.6	283.0	1.1	360	1.0	1.0	1.0	96.3	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	87.9	0.0	−0.2	0.2	285.7	1.6	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	96.2	−0.1	−0.5	0.5	256.3	0.5	360	1.0	1.0	1.0	96.3	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	15.7	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.0	0.0	271.3	3.6	360	1.0	1.0	1.0	96.3	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	25.8	0.0	0.0	0.0	0.0	0.125	0.125	15.1	0.0	−0.1	0.1	257.9	10.7	360	1.0	1.0	1.0	96.3	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	35.9	0.0	0.0	0.0	0.0	0.25	0.25	22.5	0.0	−0.8	0.8	265.4	13.3	360	1.0	1.0	1.0	96.3	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	46.0	0.0	0.0	0.0	0.0	0.375	0.375	33.9	0.0	−1.1	1.1	270.8	12.1	360	1.0	1.0	1.0	96.3	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	56.0	0.0	0.0	0.0	0.0	0.5	0.5	47.7	0.1	−1.0	1.0	278.0	8.4	360	1.0	1.0	1.0	96.3	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	66.1	0.0	0.0	0.0	0.0	0.625	0.625	62.6	0.1	−1.1	1.1	278.7	3.6	360	1.0	1.0	1.0	96.3	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	76.2	0.0	0.0	0.0	0.0	0.75	0.75	75.7	0.2	−0.7	0.7	286.3	0.8	360	1.0	1.0	1.0	96.3	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	88.0	0.1	−0.3	0.3	294.5	1.8	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	96.1	0.0	−0.5	0.6	262.1	0.6	360	1.0	1.0	1.0	96.3	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	15.7	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.1	131.7	4.0	360	1.0	1.0	1.0	96.3	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	25.8	0.0	0.0	0.0	0.0	0.125	0.125	14.6	0.0	−0.2	0.3	252.4	11.1	360	1.0	1.0	1.0	96.3	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	35.9	0.0	0.0	0.0	0.0	0.25	0.25	21.9	0.0	−0.8	0.8	265.5	14.0	360	1.0	1.0	1.0	96.3	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	46.0	0.0	0.0	0.0	0.0	0.375	0.375	32.9	0.0	−0.9	0.9	273.5	13.0	360	1.0	1.0	1.0	96.3	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	56.0	0.0	0.0	0.0	0.0	0.5	0.5	47.3	0.0	−0.9	0.9	275.5	8.8	360	1.0	1.0	1.0	96.3	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	66.1	0.0	0.0	0.0	0.0	0.625	0.625	61.6	0.2	−1.0	1.1	280.9	4.6	360	1.0	1.0	1.0	96.3	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	76.2	0.0	0.0	0.0	0.0	0.75	0.75	74.6	0.2	−0.5	0.5	292.4	1.7	360	1.0	1.0	1.0	96.3	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	87.4	0.2	−0.3	0.4	303.5	1.2	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	96.2	0.0	−0.4	0.4	262.1	0.4	360	1.0	1.0	1.0	96.3	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	15.7	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.1	0.2	110.1	4.0	360	1.0	1.0	1.0	96.3	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	25.8	0.0	0.0	0.0	0.0	0.125	0.125	15.1	−0.1	−0.2	0.2	238.0	10.6	360	1.0	1.0	1.0	96.3	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	35.9	0.0	0.0	0.0	0.0	0.25	0.25	21.8	−0.1	−0.5	0.6	253.4	14.0	360	1.0	1.0	1.0	96.3	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	46.0	0.0	0.0	0.0	0.0	0.375	0.375	32.8	0.0	−0.9	0.9	266.5	13.1	360	1.0	1.0	1.0	96.3	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	56.0	0.0	0.0	0.0	0.0	0.5	0.5	47.2	0.0	−0.8	0.8	273.9	8.8	360	1.0	1.0	1.0	96.3	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	66.1	0.0	0.0	0.0	0.0	0.625	0.625	61.8	0.1	−0.9	0.9	277.5	4.4	360	1.0	1.0	1.0	96.3	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	76.2	0.0	0.0	0.0	0.0	0.75	0.75	74.7	0.1	−0.4	0.4	290.6	1.5	360	1.0	1.0	1.0	96.3	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	87.4	0.1	0.0	0.2	338.8	1.1	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	96.2	0.0	−0.1	0.1	243.2	0.1	360	1.0	1.0	1.0	96.3	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	15.7	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	62.0	3.5	360	1.0	1.0	1.0	96.3	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	21.1	0.0	0.0	0.0	0.0	0.066	0.066	12.3	0.0	0.0	0.0	54.7	8.7	360	1.0	1.0	1.0	96.3	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	26.5	0.0	0.0	0.0	0.0	0.133	0.133	17.9	0.0	−0.3	0.3	273.0	8.5	360	1.0	1.0	1.0	96.3	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	31.9	0.0	0.0	0.0	0.0	0.2	0.2	22.0	0.0	−0.7	0.7	265.7	9.8	360	1.0	1.0	1.0	96.3	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	37.2	0.0	0.0	0.0	0.0	0.266	0.266	26.4	0.0	−0.8	0.8	269.1	10.8	360	1.0	1.0	1.0	96.3	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	42.6	0.0	0.0	0.0	0.0	0.333	0.333	31.1	0.0	−0.8	0.8	270.4	11.5	360	1.0	1.0	1.0	96.3	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	48.0	0.0	0.0	0.0	0.0	0.4	0.4	37.8	0.0	−0.7	0.7	275.8	10.2	360	1.0	1.0	1.0	96.3	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	53.3	0.0	0.0	0.0	0.0	0.466	0.466	43.8	0.0	−0.6	0.6	277.3	9.4	360	1.0	1.0	1.0	96.3	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	58.7	0.0	0.0	0.0	0.0	0.533	0.533	51.6	0.1	−0.7	0.7	282.4	7.1	360	1.0	1.0	1.0	96.3	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	64.1	0.0	0.0	0.0	0.0	0.6	0.6	59.8	0.1	−0.6	0.7	282.6	4.3	360	1.0	1.0	1.0	96.3	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	69.4	0.0	0.0	0.0	0.0	0.666	0.666	66.7	0.2	−0.7	0.7	286.3	2.7	360	1.0	1.0	1.0	96.3	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	74.9	0.0	0.0	0.0	0.0	0.734	0.734	72.9	0.1	−0.3	0.4	295.7	2.0	360	1.0	1.0	1.0	96.3	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	80.2	0.0	0.0	0.0	0.0	0.8	0.8	78.8	0.2	−0.1	0.2	334.2	1.4	360	1.0	1.0	1.0	96.3	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	85.2	0.1	0.0	0.1	1.0	0.3	360	1.0	1.0	1.0	96.3	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	90.9	0.1	−0.1	0.2	324.4	0.2	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	96.1	0.0	−0.2	0.2	276.9	0.3	360	1.0	1.0	1.0	96.3	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	15.7	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.0	93.8	4.0	360	1.0	1.0	1.0	96.3	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	21.1	0.0	0.0	0.0	0.0	0.066	0.066	11.5	0.0	0.1	0.1	84.8	9.5	360	1.0	1.0	1.0	96.3	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	26.5	0.0	0.0	0.0	0.0	0.133	0.133	17.1	0.0	−0.2	0.2	276.9	9.3	360	1.0	1.0	1.0	96.3	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	31.9	0.0	0.0	0.0	0.0	0.2	0.2	21.4	0.0	−0.7	0.7	266.9	10.4	360	1.0	1.0	1.0	96.3	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	37.2	0.0	0.0	0.0	0.0	0.266	0.266	26.1	0.0	−0.7	0.7	271.6	11.1	360	1.0	1.0	1.0	96.3	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	42.6	0.0	0.0	0.0	0.0	0.333	0.333	31.2	0.0	−0.9	0.9	271.8	11.3	360	1.0	1.0	1.0	96.3	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	48.0	0.0	0.0	0.0	0.0	0.4	0.4	37.9	0.0	−0.8	0.8	276.1	10.1	360	1.0	1.0	1.0	96.3	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	53.3	0.0	0.0	0.0	0.0	0.466	0.466	44.2	0.1	−0.7	0.7	282.0	9.1	360	1.0	1.0	1.0	96.3	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	58.7	0.0	0.0	0.0	0.0	0.533	0.533	51.7	0.1	−0.9	0.9	280.6	7.0	360	1.0	1.0	1.0	96.3	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	64.1	0.0	0.0	0.0	0.0	0.6	0.6	59.8	0.2	−1.0	1.0	281.3	4.4	360	1.0	1.0	1.0	96.3	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	69.4	0.0	0.0	0.0	0.0	0.666	0.666	66.8	0.1	−0.7	0.8	283.8	2.7	360	1.0	1.0	1.0	96.3	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	74.9	0.0	0.0	0.0	0.0	0.734	0.734	73.1	0.2	−0.5	0.6	293.0	1.8	360	1.0	1.0	1.0	96.3	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	80.2	0.0	0.0	0.0	0.0	0.8	0.8	78.9	0.2	−0.1	0.2	324.0	1.3	360	1.0	1.0	1.0	96.3	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	85.2	0.2	0.0	0.2	342.0	0.4	360	1.0	1.0	1.0	96.3	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	91.0	0.2	−0.1	0.2	322.2	0.2	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	96.1	0.0	−0.4	0.4	279.1	0.4	360	1.0	1.0	1.0	96.3	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	15.7	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.0	70.8	4.8	360	1.0	1.0	1.0	96.3	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	21.1	0.0	0.0	0.0	0.0	0.066	0.066	11.0	0.0	0.1	0.1	73.5	10.0	360	1.0	1.0	1.0	96.3	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	26.5	0.0	0.0	0.0	0.0	0.133	0.133	16.3	0.0	−0.2	0.2	276.7	10.1	360	1.0	1.0	1.0	96.3	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	31.9	0.0	0.0	0.0	0.0	0.2	0.2	21.3	0.0	−0.6	0.6	268.8	10.6	360	1.0	1.0	1.0	96.3	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	37.2	0.0	0.0	0.0	0.0	0.266	0.266	25.7	0.0	−0.8	0.8	271.4	11.5	360	1.0	1.0	1.0	96.3	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	42.6	0.0	0.0	0.0	0.0	0.333	0.333	30.8	0.0	−0.8	0.8	272.1	11.8	360	1.0	1.0	1.0	96.3	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	48.0	0.0	0.0	0.0	0.0	0.4	0.4	37.4	0.1	−0.9	0.9	277.4	10.6	360	1.0	1.0	1.0	96.3	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	53.3	0.0	0.0	0.0	0.0	0.466	0.466	44.1	0.1	−0.6	0.7	280.4	9.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.

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	85.0	0.2	0.0	0.2	17.3	0.5	360	1.0	1.0	1.0	96.3	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	0.933	90.8	0.2	−0.3	0.4	310.7	0.4	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−0.3	0.3	273.6	0.3	360	1.0	1.0	1.0	96.3	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	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.2	0.2	86.1	5.2	360	1.0	1.0	1.0	96.3	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	21.1	0.0	0.0	0.0	0.0	0.066	0.066	0.066	10.7	0.0	0.3	0.3	87.3	10.4	360	1.0	1.0	1.0	96.3	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	26.5	0.0	0.0	0.0	0.0	0.133	0.133	0.133	16.0	0.0	−0.1	0.1	284.4	10.4	360	1.0	1.0	1.0	96.3	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	31.9	0.0	0.0	0.0	0.0	0.2	0.2	0.2	20.9	0.0	−0.6	0.6	266.8	11.0	360	1.0	1.0	1.0	96.3	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	37.2	0.0	0.0	0.0	0.0	0.266	0.266	0.266	25.3	0.0	−0.6	0.6	268.0	11.8	360	1.0	1.0	1.0	96.3	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	42.6	0.0	0.0	0.0	0.0	0.333	0.333	0.333	31.1	0.0	−0.8	0.8	272.0	11.4	360	1.0	1.0	1.0	96.3	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	48.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	37.3	0.0	−0.7	0.7	274.3	10.7	360	1.0	1.0	1.0	96.3	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	53.3	0.0	0.0	0.0	0.0	0.466	0.466	0.466	44.0	0.1	−0.6	0.6	283.5	9.3	360	1.0	1.0	1.0	96.3	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	58.7	0.0	0.0	0.0	0.0	0.533	0.533	0.533	51.4	0.1	−0.8	0.8	279.0	7.3	360	1.0	1.0	1.0	96.3	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	64.1	0.0	0.0	0.0	0.0	0.6	0.6	0.6	59.5	0.1	−0.7	0.7	280.4	4.6	360	1.0	1.0	1.0	96.3	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	69.4	0.0	0.0	0.0	0.0	0.666	0.666	0.666	66.7	0.1	−0.7	0.7	282.8	2.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1067	NW_073$_e$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.9	0.0	0.0	0.0	0.0	0.734	0.734	0.734	72.7	0.1	−0.4	0.4	294.4	2.2	360	1.0	1.0	1.0	96.3	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	80.2	0.0	0.0	0.0	0.0	0.8	0.8	0.8	78.6	0.2	−0.2	0.3	318.8	1.6	360	1.0	1.0	1.0	96.3	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	0.866	84.6	0.2	0.0	0.2	354.4	0.9	360	1.0	1.0	1.0	96.3	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	0.933	90.9	0.3	−0.1	0.3	332.3	0.3	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.0	0.2	−0.3	0.3	309.0	0.4	360	1.0	1.0	1.0	96.3	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	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.1	0.1	91.6	3.5	360	1.0	1.0	1.0	96.3	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	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.1	0.1	282.2	0.1	360	1.0	1.0	1.0	96.3	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	0.237	48.3	64.2	30.6	71.1	25.4	1.0	0.0	0.0	47.6	63.7	44.8	77.9	35.1	14.2	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
1075	G50B_100_100$_e$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9	0.0	1.0	1.0	56.6	−42.5	−20.2	47.1	205.4	9.8	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
1076	Y00G_100_100$_e$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3	1.0	1.0	0.0	92.6	−17.4	97.1	98.6	100.1	19.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
1077	B00R_100_100$_e$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7	0.0	0.0	1.0	38.5	−6.0	−48.2	48.6	262.8	7.7	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
1078	G00B_100_100$_e$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2	0.0	1.0	0.754	58.2	−60.6	43.3	74.5	144.4	26.3	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
1079	B50R_100_100$_e$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6	1.0	0.0	1.0	49.7	72.5	−10.9	73.3	351.3	32.4	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6

Mean color difference of this page: **delta *E**' = *8.0***

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TUB-test chart RE71; 1080 standard colours, *cf*=0,9
colors and differences, ΔE^*'

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

TUB registration: 20150701-RE71/RE71L0NA.TXT /.PS
application for measurement of laser printer output, no separation rgb (RGB)

TUB material: code=rha4ta

see similar files: http://130.149.60.45/~farbmetrik/RE71/RE71.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik