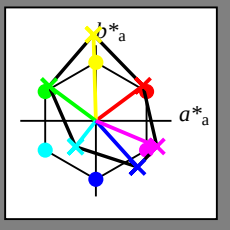
Input and Output: Laser Reflective System LRS18a

Data for any device (d) or elementary (e) colour:
*HIC**_
hue text for the colours of this page:
*H**_ = R00Y–, R25Y–, ..., B75R–

ORS20a; adapted (a) CIELAB data

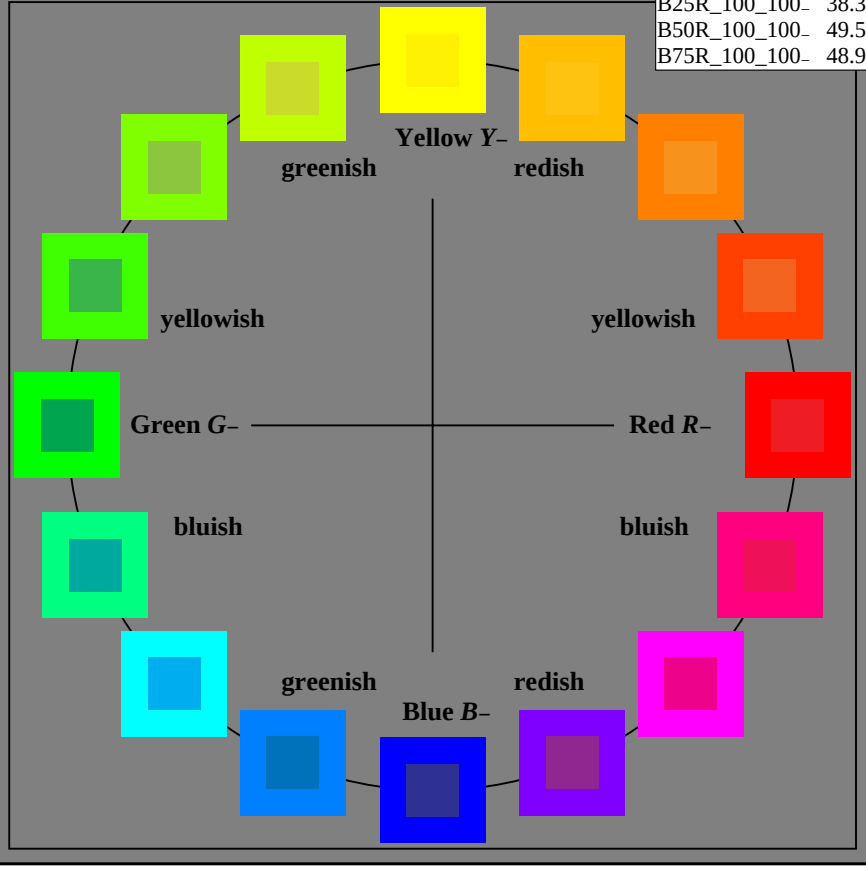
*H**_	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100_	48.4	66.1	40.2	77.3	31
R25Y_100_100_	56.8	48.0	50.5	69.6	46
R50Y_100_100_	68.6	25.0	63.9	68.6	68
R75Y_100_100_	80.6	4.8	77.2	77.3	86
Y00G_100_100_	90.2	−9.6	88.2	88.7	96
Y25G_100_100_	83.2	−18.4	79.9	81.9	102
Y50G_100_100_	73.3	−31.7	62.7	70.2	116
Y75G_100_100_	62.0	−49.7	43.2	65.8	139
G00B_100_100_	55.8	−65.2	33.8	73.4	152
G25B_100_100_	59.3	−50.3	−9.0	51.0	190
G50B_100_100_	63.0	−30.5	−42.0	51.9	234
G75B_100_100_	45.7	−5.7	−44.6	44.9	262
B00R_100_100_	27.5	25.9	−47.3	53.9	298
B25R_100_100_	38.3	52.6	−28.5	59.8	331
B50R_100_100_	49.5	73.5	−9.0	74.0	353
B75R_100_100_	48.9	69.3	12.9	70.4	10

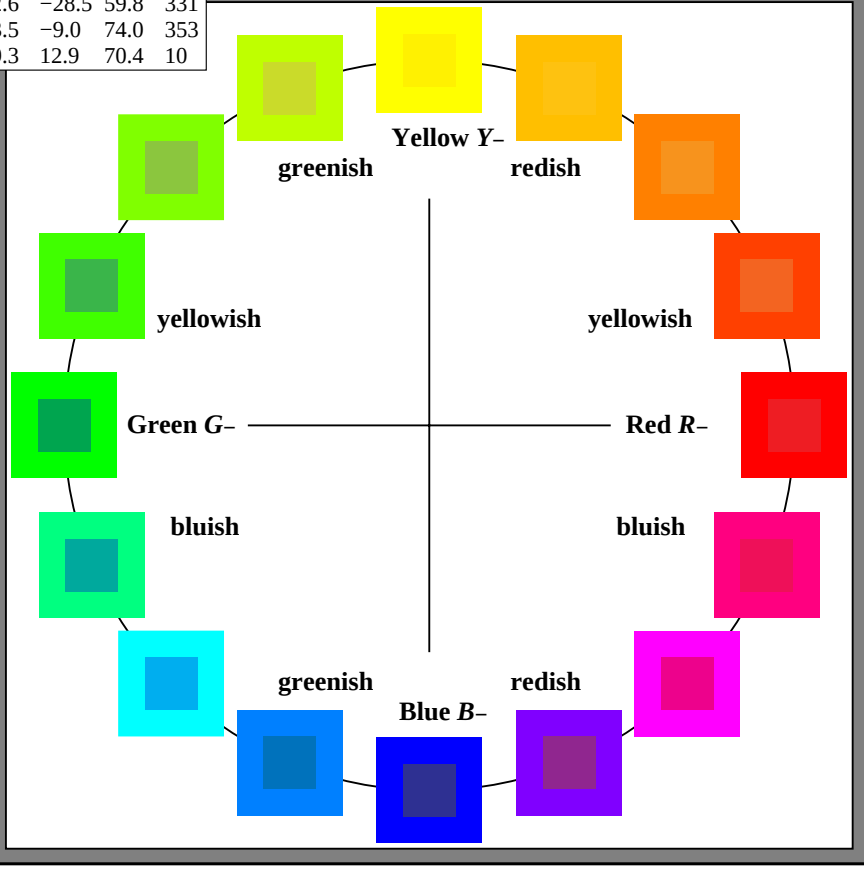


%Gamut
u^*_{rel} = 114
%Regularity
$g^*_{H,rel}$ = 28
$g^*_{C,rel}$ = 38

LRS18a; adapted (a) CIELAB data

name	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R–,Ma	32.5	62.3	46.4	77.7	36
Y–,Ma	82.7	−3.1	113.9	114.0	91
G–,Ma	39.4	−61.8	45.8	76.9	143
C–,Ma	47.8	−26.8	−34.2	43.4	231
B–,Ma	10.1	55.1	−61.0	82.2	312
M–,Ma	34.5	80.6	−33.9	87.5	337
N–,Ma	6.2	0.0	0.0	0.0	0
W–,Ma	91.9	0.0	0.0	0.0	0
R–,CIE	39.9	58.7	27.9	65.0	25
Y–,CIE	81.2	−2.8	71.5	71.6	92
G–,CIE	52.2	−42.4	13.6	44.5	162
B–,CIE	30.5	1.4	−46.4	46.4	271





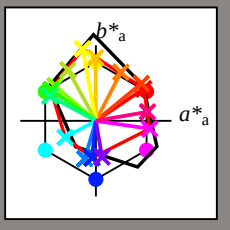
RE810−7N_RGB 1−103034−L0

Input and Output: Laser Reflective System LRS18a

Data for any device (d) or elementary (e) colour:
HIC$^*_d$
hue text for the colours of this page:
H^*_d = R00Y$_d$, R25Y$_d$, ..., B75R$_d$

LRS18a; adapted (a) CIELAB data

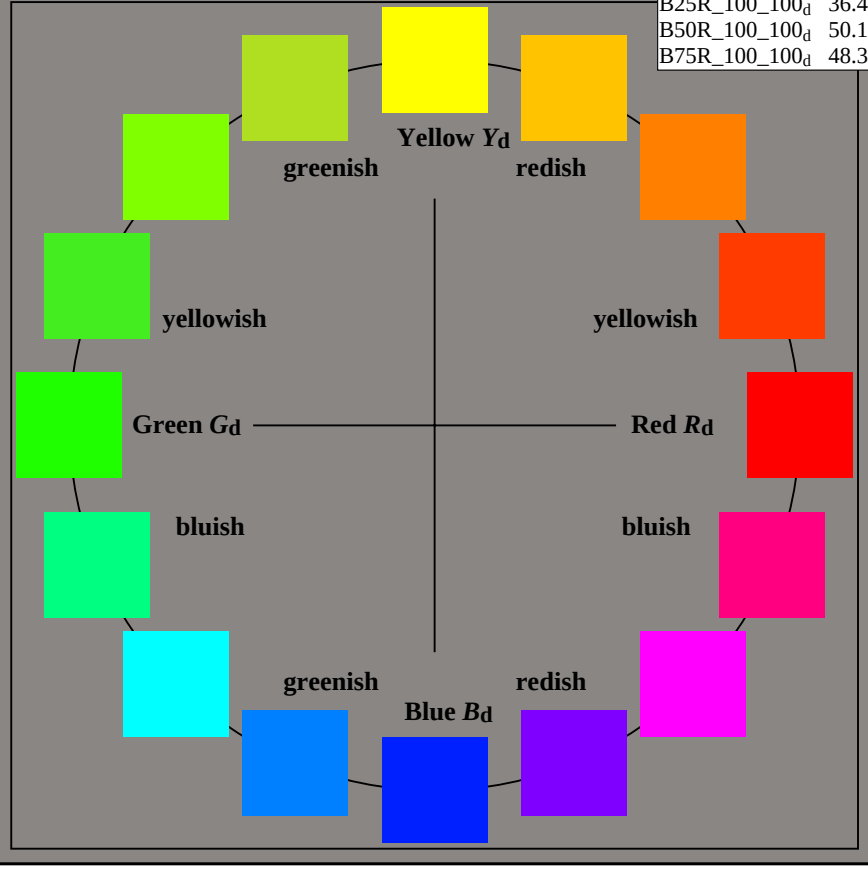
H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100$_d$	48.1	63.3	42.5	76.2	33
R25Y_100_100$_d$	49.7	60.1	49.4	77.8	39
R50Y_100_100$_d$	63.4	33.2	64.3	72.4	62
R75Y_100_100$_d$	82.3	−0.3	83.5	83.5	90
Y00G_100_100$_d$	92.8	−17.5	95.2	96.8	100
Y25G_100_100$_d$	75.6	−36.7	67.3	76.7	118
Y50G_100_100$_d$	61.7	−53.9	46.2	71.0	139
Y75G_100_100$_d$	58.6	−59.0	41.0	71.9	145
G00B_100_100$_d$	58.5	−59.5	40.8	72.2	145
G25B_100_100$_d$	57.1	−60.7	32.7	68.9	151
G50B_100_100$_d$	57.0	−40.5	−21.8	46.1	208
G75B_100_100$_d$	47.1	−14.6	−50.0	52.1	253
B00R_100_100$_d$	41.5	−5.0	−49.0	49.2	264
B25R_100_100$_d$	36.4	8.1	−47.9	48.5	279
B50R_100_100$_d$	50.1	71.1	−10.5	71.8	351
B75R_100_100$_d$	48.3	68.4	11.9	69.5	9

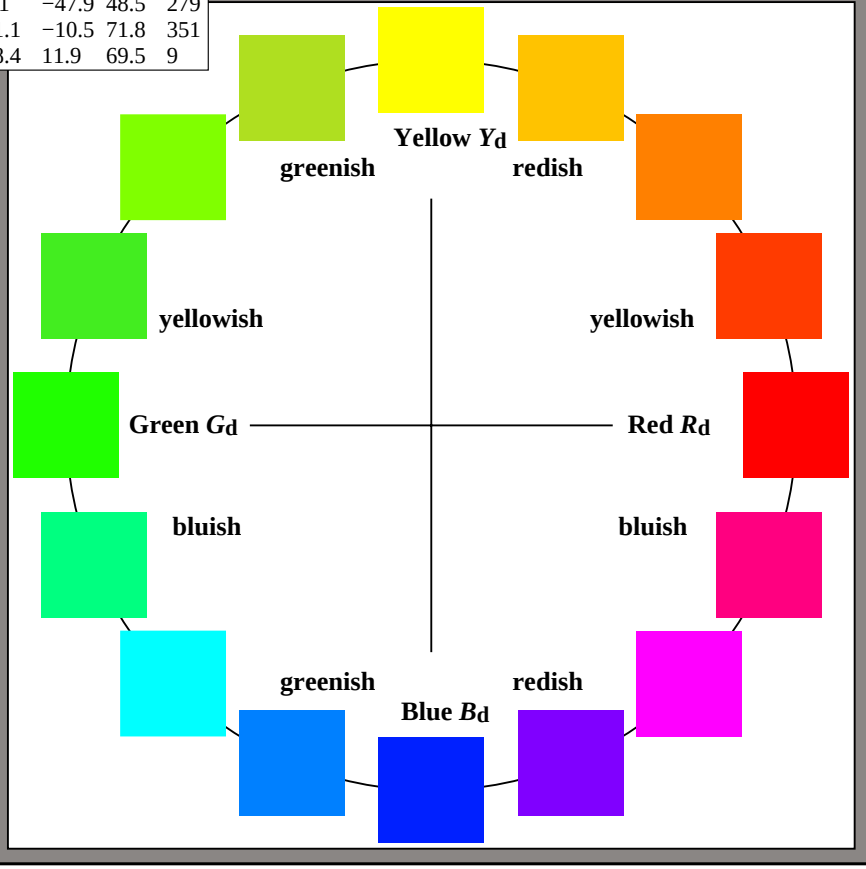


%Gamut
u^*_{rel} = 114
%Regularity
$g^*_{H,rel}$ = 28
$g^*_{C,rel}$ = 38

LRS18a; adapted (a) CIELAB data

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{d,Ma}$	48.1	63.3	42.5	76.2	33
$Y_{d,Ma}$	92.8	−17.5	95.2	96.8	100
$G_{d,Ma}$	58.5	−59.5	40.8	72.2	145
$C_{d,Ma}$	57.0	−40.5	−21.8	46.1	208
$B_{d,Ma}$	41.5	−5.0	−49.0	49.2	264
$M_{d,Ma}$	50.1	71.1	−10.5	71.8	351
$N_{d,Ma}$	15.7	0.0	0.0	0.0	0
$W_{d,Ma}$	96.3	0.0	0.0	0.0	0
$R_{d,CIE}$	39.9	58.7	27.9	65.0	25
$Y_{d,CIE}$	81.2	−2.8	71.5	71.6	92
$G_{d,CIE}$	52.2	−42.4	13.6	44.5	162
$B_{d,CIE}$	30.5	1.4	−46.4	46.4	271





TUB-test chart RE81; 16 step hue circle, *cf*=1
Test chart according to DIN 33872, 3D=1, de=0, *rgb**

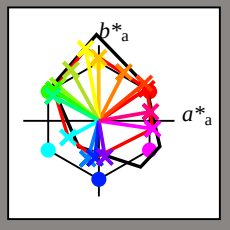
input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearization to *rgb**$_{dd}$

Input and Output: Laser Reflective System LRS18a

Data for any device (d) or elementary (e) colour:
*HIC**d
hue text for the colours of this page:
*H**d = R00Yd, R25Yd, ..., B75Rd

LRS18a; adapted (a) CIELAB data

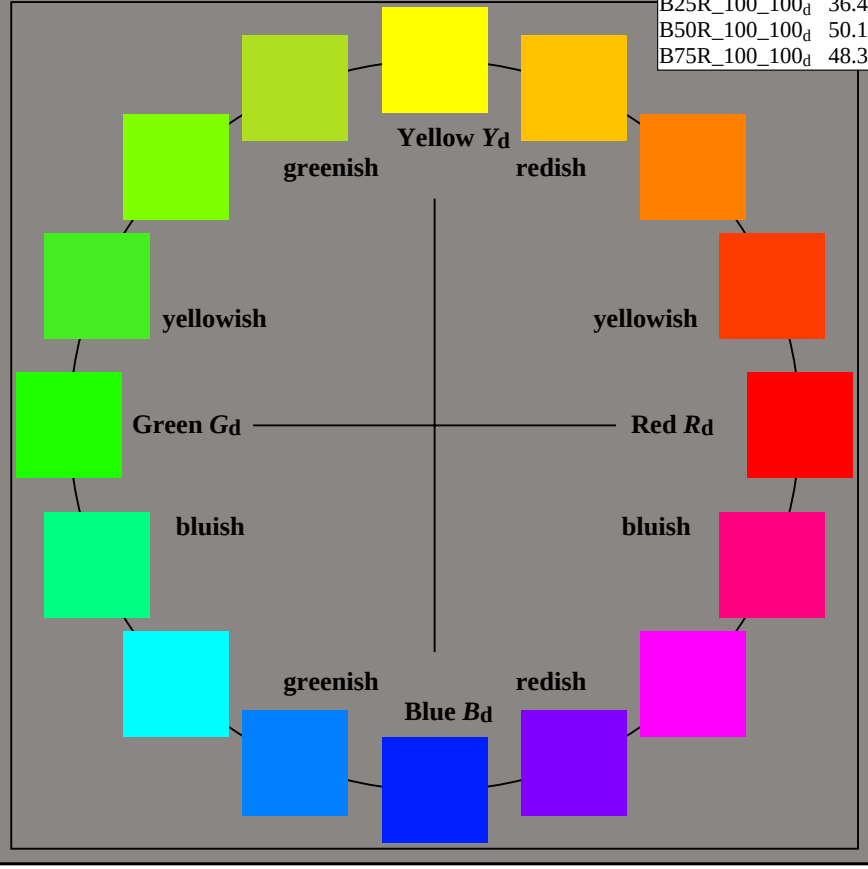
*H**d	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100d	48.1	63.3	42.5	76.2	33
R25Y_100_100d	49.7	60.1	49.4	77.8	39
R50Y_100_100d	63.4	33.2	64.3	72.4	62
R75Y_100_100d	82.3	−0.3	83.5	83.5	90
Y00G_100_100d	92.8	−17.5	95.2	96.8	100
Y25G_100_100d	75.6	−36.7	67.3	76.7	118
Y50G_100_100d	61.7	−53.9	46.2	71.0	139
Y75G_100_100d	58.6	−59.0	41.0	71.9	145
G00B_100_100d	58.5	−59.5	40.8	72.2	145
G25B_100_100d	57.1	−60.7	32.7	68.9	151
G50B_100_100d	57.0	−40.5	−21.8	46.1	208
G75B_100_100d	47.1	−14.6	−50.0	52.1	253
B00R_100_100d	41.5	−5.0	−49.0	49.2	264
B25R_100_100d	36.4	8.1	−47.9	48.5	279
B50R_100_100d	50.1	71.1	−10.5	71.8	351
B75R_100_100d	48.3	68.4	11.9	69.5	9

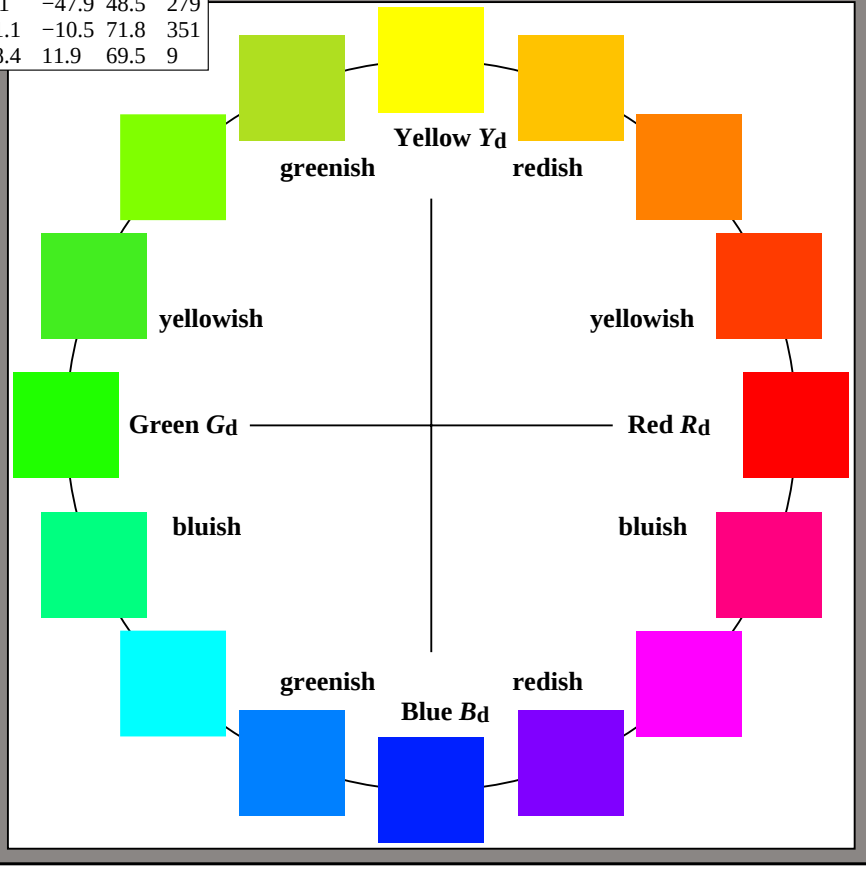


%Gamut
u*rel = 114
%Regularity
g*H,rel = 28
g*C,rel = 38

LRS18a; adapted (a) CIELAB data

name	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
Rd,Ma	48.1	63.3	42.5	76.2	33
Yd,Ma	92.8	−17.5	95.2	96.8	100
Gd,Ma	58.5	−59.5	40.8	72.2	145
Cd,Ma	57.0	−40.5	−21.8	46.1	208
Bd,Ma	41.5	−5.0	−49.0	49.2	264
Md,Ma	50.1	71.1	−10.5	71.8	351
Nd,Ma	15.7	0.0	0.0	0.0	0
Wd,Ma	96.3	0.0	0.0	0.0	0
Rd,CIE	39.9	58.7	27.9	65.0	25
Yd,CIE	81.2	−2.8	71.5	71.6	92
Gd,CIE	52.2	−42.4	13.6	44.5	162
Bd,CIE	30.5	1.4	−46.4	46.4	271





RE810−72 1−103234−L0

TUB-test chart RE81; 16 step hue circle, *cf*=1
Test chart according to DIN 33872

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

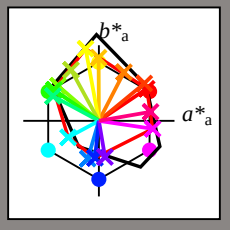
1−103234−F0

Input and Output: Laser Reflective System LRS18a

Data for any device (d) or elementary (e) colour:
*HIC**$_d$
hue text for the colours of this page:
*H**$_d$ = R00Y$_d$, R25Y$_d$, ..., B75R$_d$

LRS18a; adapted (a) CIELAB data

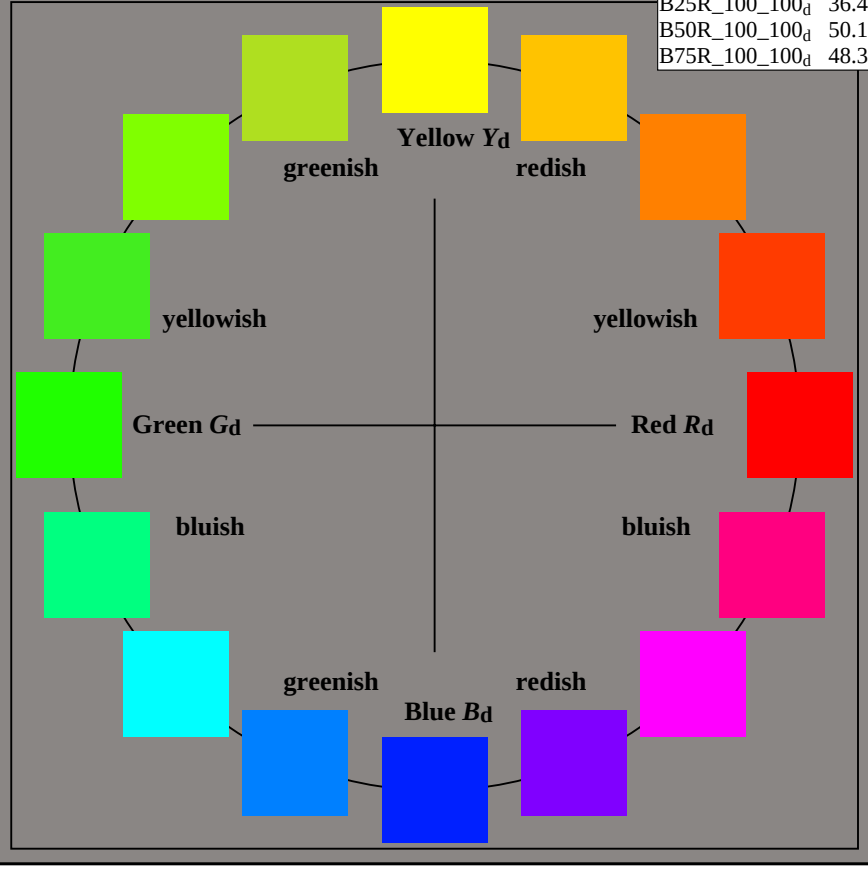
*H**$_d$	*L**=*L**$_a$	*a**$_a$	*b**$_a$	*C**$_{ab,a}$	*h**$_{ab,a}$
R00Y_100_100$_d$	48.1	63.3	42.5	76.2	33
R25Y_100_100$_d$	49.7	60.1	49.4	77.8	39
R50Y_100_100$_d$	63.4	33.2	64.3	72.4	62
R75Y_100_100$_d$	82.3	−0.3	83.5	83.5	90
Y00G_100_100$_d$	92.8	−17.5	95.2	96.8	100
Y25G_100_100$_d$	75.6	−36.7	67.3	76.7	118
Y50G_100_100$_d$	61.7	−53.9	46.2	71.0	139
Y75G_100_100$_d$	58.6	−59.0	41.0	71.9	145
G00B_100_100$_d$	58.5	−59.5	40.8	72.2	145
G25B_100_100$_d$	57.1	−60.7	32.7	68.9	151
G50B_100_100$_d$	57.0	−40.5	−21.8	46.1	208
G75B_100_100$_d$	47.1	−14.6	−50.0	52.1	253
B00R_100_100$_d$	41.5	−5.0	−49.0	49.2	264
B25R_100_100$_d$	36.4	8.1	−47.9	48.5	279
B50R_100_100$_d$	50.1	71.1	−10.5	71.8	351
B75R_100_100$_d$	48.3	68.4	11.9	69.5	9

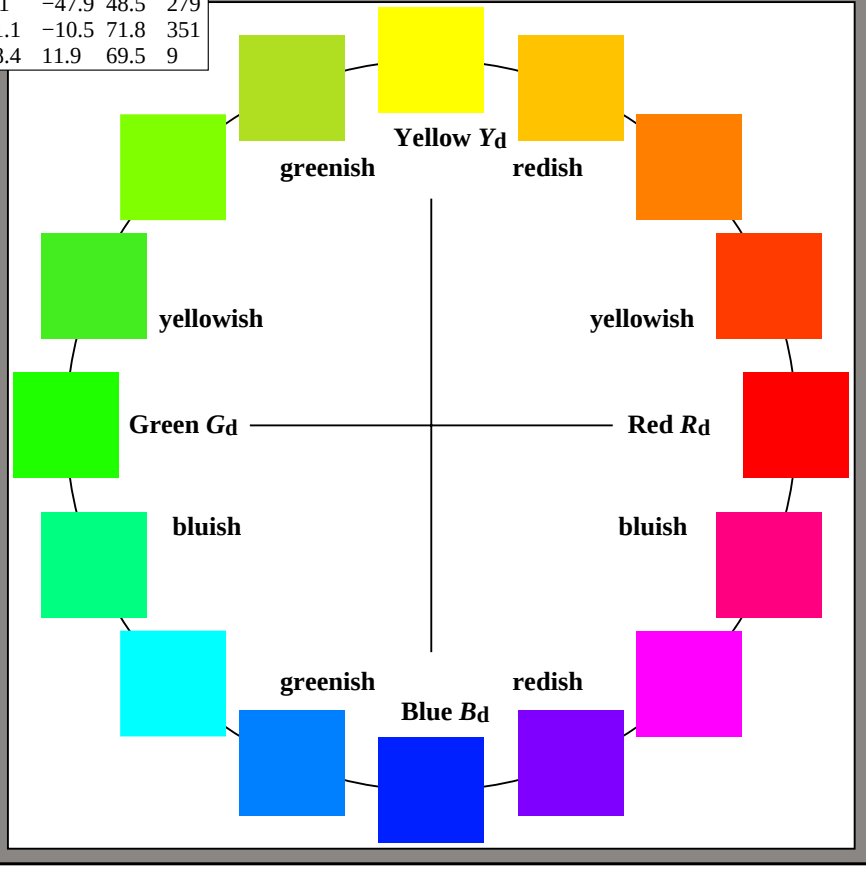


%Gamut
u*$_{rel}$ = 114
%Regularity
g*$_{H,rel}$ = 28
g*$_{C,rel}$ = 38

LRS18a; adapted (a) CIELAB data

name	*L**=*L**$_a$	*a**$_a$	*b**$_a$	*C**$_{ab,a}$	*h**$_{ab,a}$
R$_{d,Ma}$	48.1	63.3	42.5	76.2	33
Y$_{d,Ma}$	92.8	−17.5	95.2	96.8	100
G$_{d,Ma}$	58.5	−59.5	40.8	72.2	145
C$_{d,Ma}$	57.0	−40.5	−21.8	46.1	208
B$_{d,Ma}$	41.5	−5.0	−49.0	49.2	264
M$_{d,Ma}$	50.1	71.1	−10.5	71.8	351
N$_{d,Ma}$	15.7	0.0	0.0	0.0	0
W$_{d,Ma}$	96.3	0.0	0.0	0.0	0
R$_{d,CIE}$	39.9	58.7	27.9	65.0	25
Y$_{d,CIE}$	81.2	−2.8	71.5	71.6	92
G$_{d,CIE}$	52.2	−42.4	13.6	44.5	162
B$_{d,CIE}$	30.5	1.4	−46.4	46.4	271





RE810−72 1−103334−L0

TUB-test chart RE81; 16 step hue circle, *cf*=1
Test chart according to DIN 33872

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

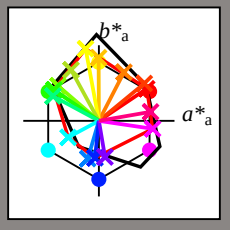
1−103334−F0

Input and Output: Laser Reflective System LRS18a

Data for any device (d) or elementary (e) colour:
*HIC**$_d$
hue text for the colours of this page:
*H**$_d$ = R00Y$_d$, R25Y$_d$, ..., B75R$_d$

LRS18a; adapted (a) CIELAB data

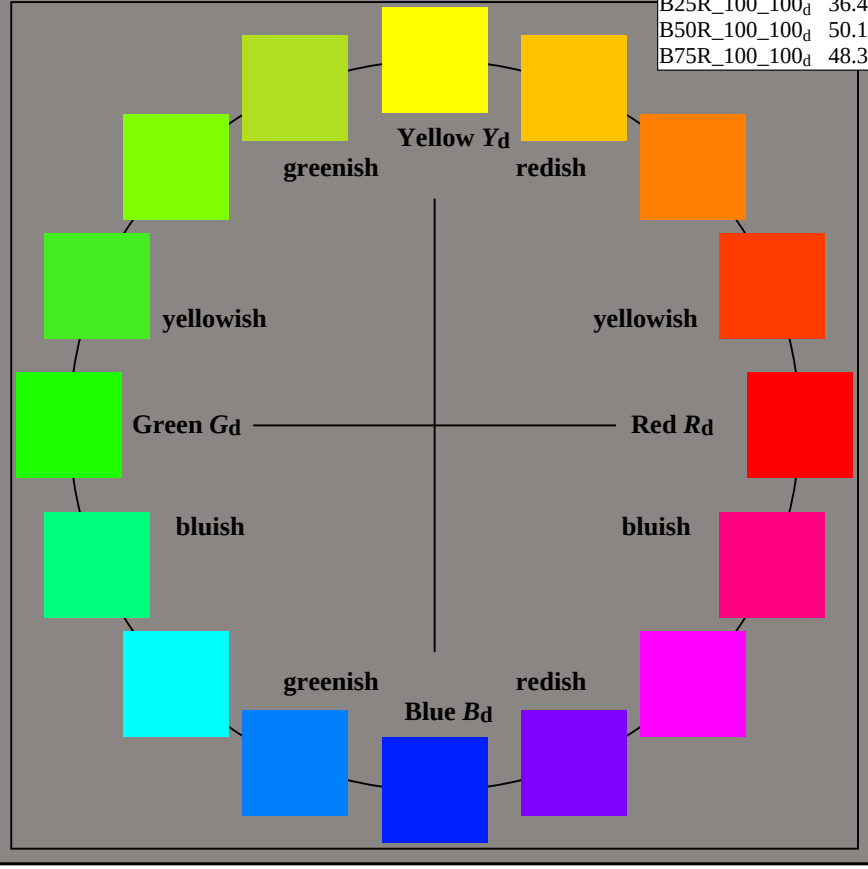
*H**$_d$	*L**=*L**$_a$	*a**$_a$	*b**$_a$	*C**$_{ab,a}$	*h**$_{ab,a}$
R00Y_100_100$_d$	48.1	63.3	42.5	76.2	33
R25Y_100_100$_d$	49.7	60.1	49.4	77.8	39
R50Y_100_100$_d$	63.4	33.2	64.3	72.4	62
R75Y_100_100$_d$	82.3	−0.3	83.5	83.5	90
Y00G_100_100$_d$	92.8	−17.5	95.2	96.8	100
Y25G_100_100$_d$	75.6	−36.7	67.3	76.7	118
Y50G_100_100$_d$	61.7	−53.9	46.2	71.0	139
Y75G_100_100$_d$	58.6	−59.0	41.0	71.9	145
G00B_100_100$_d$	58.5	−59.5	40.8	72.2	145
G25B_100_100$_d$	57.1	−60.7	32.7	68.9	151
G50B_100_100$_d$	57.0	−40.5	−21.8	46.1	208
G75B_100_100$_d$	47.1	−14.6	−50.0	52.1	253
B00R_100_100$_d$	41.5	−5.0	−49.0	49.2	264
B25R_100_100$_d$	36.4	8.1	−47.9	48.5	279
B50R_100_100$_d$	50.1	71.1	−10.5	71.8	351
B75R_100_100$_d$	48.3	68.4	11.9	69.5	9

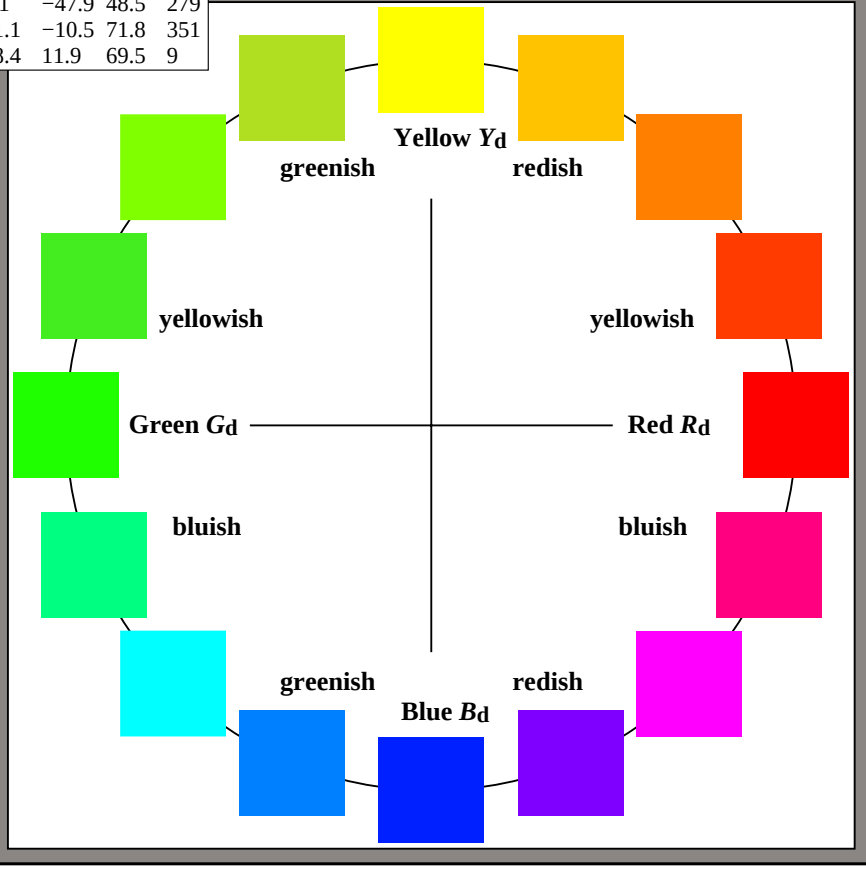


%Gamut
u*$_{rel}$ = 114
%Regularity
g*$_{H,rel}$ = 28
g*$_{C,rel}$ = 38

LRS18a; adapted (a) CIELAB data

name	*L**=*L**$_a$	*a**$_a$	*b**$_a$	*C**$_{ab,a}$	*h**$_{ab,a}$
R$_{d,Ma}$	48.1	63.3	42.5	76.2	33
Y$_{d,Ma}$	92.8	−17.5	95.2	96.8	100
G$_{d,Ma}$	58.5	−59.5	40.8	72.2	145
C$_{d,Ma}$	57.0	−40.5	−21.8	46.1	208
B$_{d,Ma}$	41.5	−5.0	−49.0	49.2	264
M$_{d,Ma}$	50.1	71.1	−10.5	71.8	351
N$_{d,Ma}$	15.7	0.0	0.0	0.0	0
W$_{d,Ma}$	96.3	0.0	0.0	0.0	0
R$_{d,CIE}$	39.9	58.7	27.9	65.0	25
Y$_{d,CIE}$	81.2	−2.8	71.5	71.6	92
G$_{d,CIE}$	52.2	−42.4	13.6	44.5	162
B$_{d,CIE}$	30.5	1.4	−46.4	46.4	271





RE810−72 1−103434−L0

TUB-test chart RE81; 16 step hue circle, *cf*=1
Test chart according to DIN 33872

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

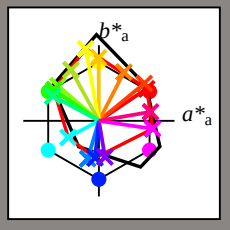
1−103434−F0

Input and Output: Laser Reflective System LRS18a

Data for any device (d) or elementary (e) colour:
HIC**d
hue text for the colours of this page:
***H**d = R00Yd, R25Yd, ..., B75Rd**

LRS18a; adapted (a) CIELAB data

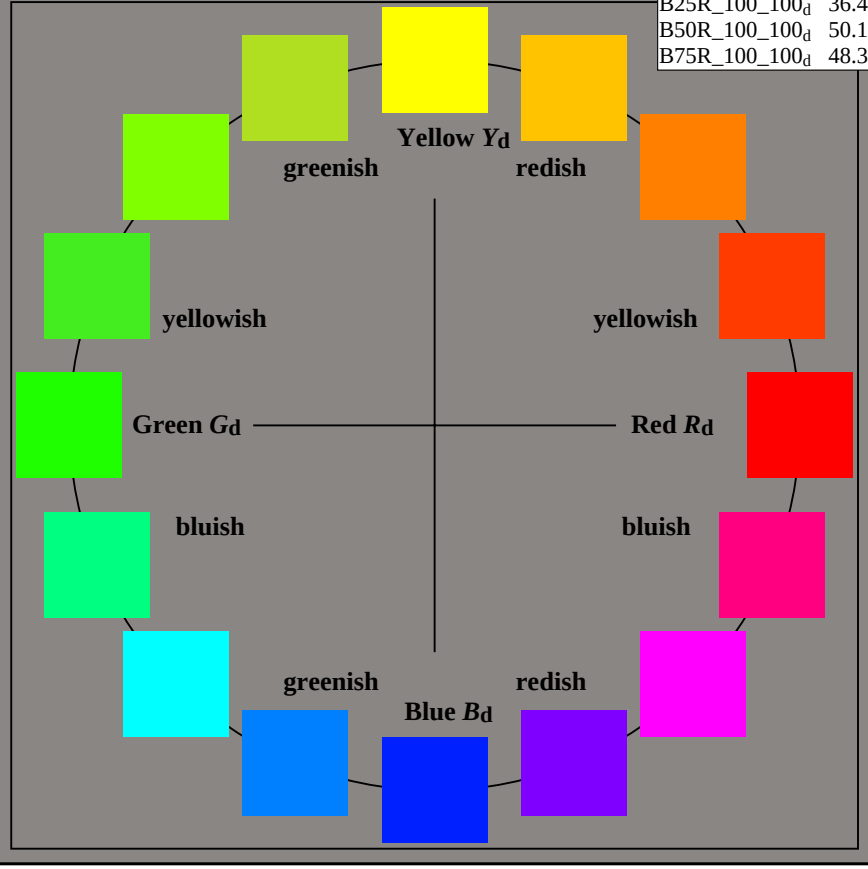
*H**d	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100d	48.1	63.3	42.5	76.2	33
R25Y_100_100d	49.7	60.1	49.4	77.8	39
R50Y_100_100d	63.4	33.2	64.3	72.4	62
R75Y_100_100d	82.3	−0.3	83.5	83.5	90
Y00G_100_100d	92.8	−17.5	95.2	96.8	100
Y25G_100_100d	75.6	−36.7	67.3	76.7	118
Y50G_100_100d	61.7	−53.9	46.2	71.0	139
Y75G_100_100d	58.6	−59.0	41.0	71.9	145
G00B_100_100d	58.5	−59.5	40.8	72.2	145
G25B_100_100d	57.1	−60.7	32.7	68.9	151
G50B_100_100d	57.0	−40.5	−21.8	46.1	208
G75B_100_100d	47.1	−14.6	−50.0	52.1	253
B00R_100_100d	41.5	−5.0	−49.0	49.2	264
B25R_100_100d	36.4	8.1	−47.9	48.5	279
B50R_100_100d	50.1	71.1	−10.5	71.8	351
B75R_100_100d	48.3	68.4	11.9	69.5	9

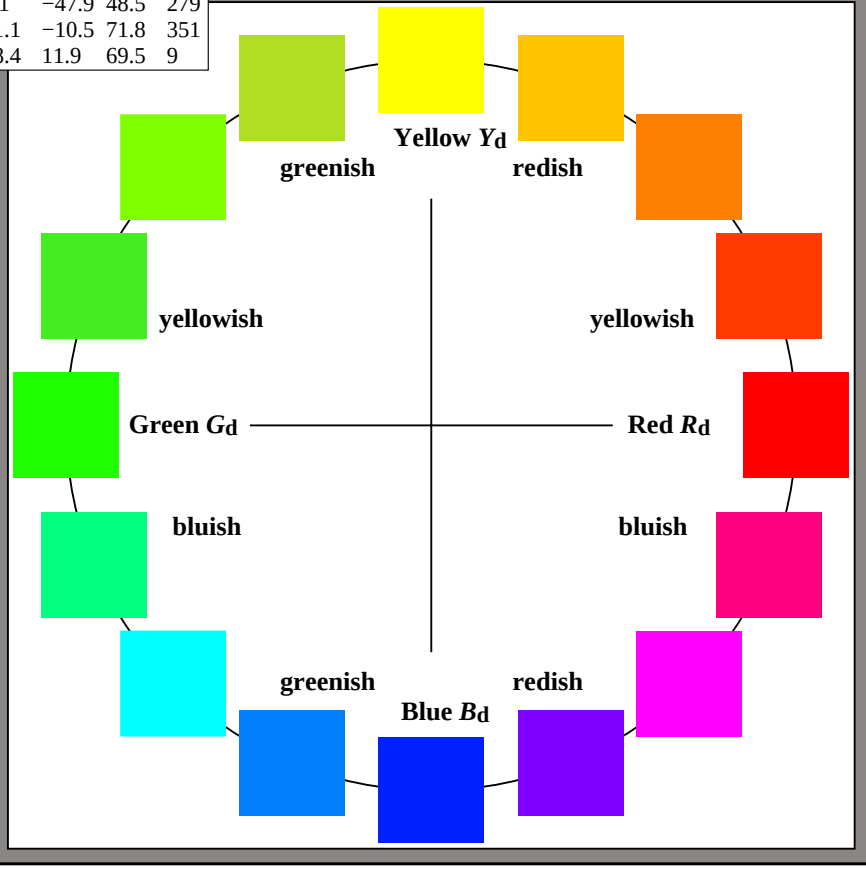


%Gamut
u*rel = 114
%Regularity
g*H,rel = 28
g*C,rel = 38

LRS18a; adapted (a) CIELAB data

name	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
Rd,Ma	48.1	63.3	42.5	76.2	33
Yd,Ma	92.8	−17.5	95.2	96.8	100
Gd,Ma	58.5	−59.5	40.8	72.2	145
Cd,Ma	57.0	−40.5	−21.8	46.1	208
Bd,Ma	41.5	−5.0	−49.0	49.2	264
Md,Ma	50.1	71.1	−10.5	71.8	351
Nd,Ma	15.7	0.0	0.0	0.0	0
Wd,Ma	96.3	0.0	0.0	0.0	0
Rd,CIE	39.9	58.7	27.9	65.0	25
Yd,CIE	81.2	−2.8	71.5	71.6	92
Gd,CIE	52.2	−42.4	13.6	44.5	162
Bd,CIE	30.5	1.4	−46.4	46.4	271

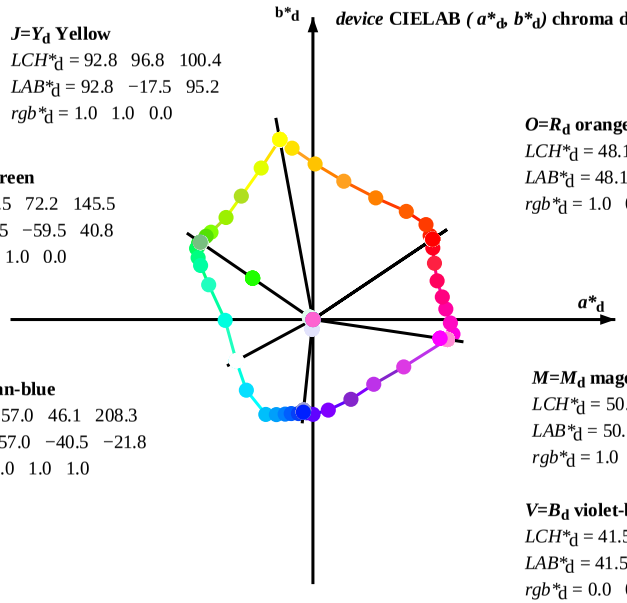




TUB-test chart RE81; 16 step hue circle, *cf*=1
Test chart according to DIN 33872

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

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 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

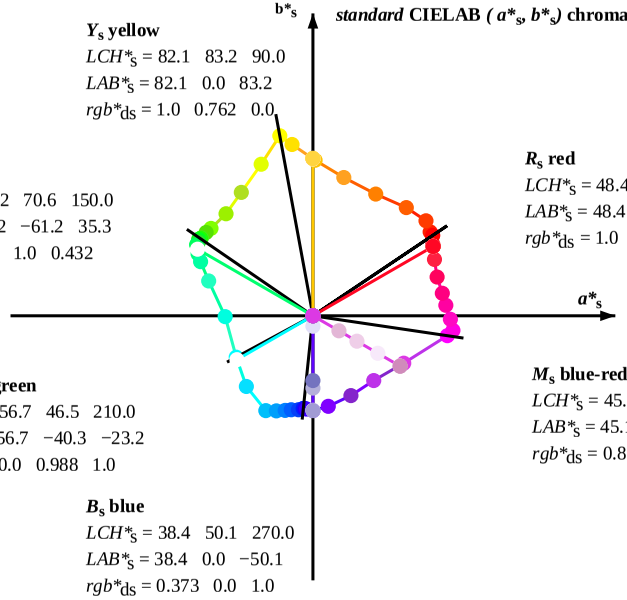
O=R_d orange-red
LCH^*_d = 48.1 76.2 33.8
LAB^*_d = 48.1 63.3 42.5
rgb^*_d = 1.0 0.0 0.0

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



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

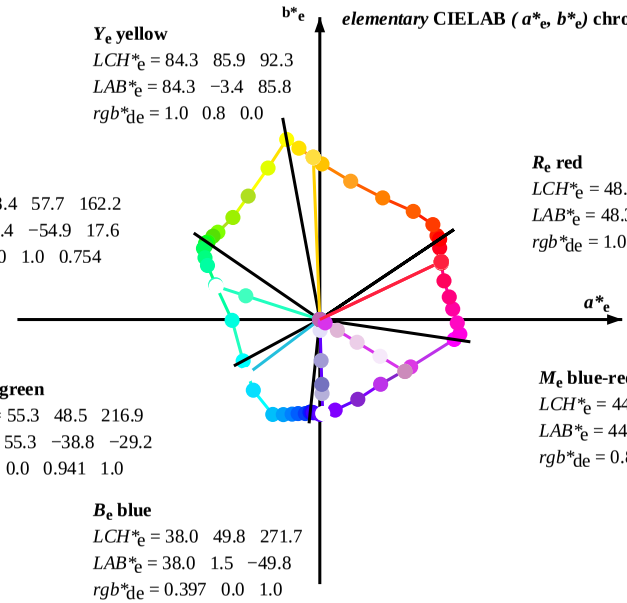
R_s red
LCH^*_s = 48.4 73.4 30.0
LAB^*_s = 48.4 63.5 36.7
rgb^*_{ds} = 1.0 0.0 0.142

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



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

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

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

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 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	0.94	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	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	50.8	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	−42.1	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	−29.4	−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	50.2	−21.3	−50.2	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	−49.8	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	0.266	1.0	42.6	−7.8	−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	0.0	1.0	38.4	−7.0	−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	0.5	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	266	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	50.0	269	0.583	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	−47.9	48.6	279	0.625	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	19.9	−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	41.4	32.2	−34.2	47.0	313	0.764	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	45.8	47.0	−25.3	53.7	331	0.80	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	71.1	−10.4	71.9	351	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	74.3	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	−1.8	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	48.4	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	

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

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	33.8
35.6	37.5	33.8	1.0	0.125	0.0		48.8	62.0	44.3	76.2	35.6	35.6
40.0	45.0	42.1	1.0	0.25	0.0		49.9	59.8	50.2	78.1	40.0	40.0
49.1	52.5	50.5	1.0	0.375	0.0		55.1	49.4	57.2	75.6	49.1	49.1
62.6	60.0	58.8	1.0	0.5	0.0		63.4	33.2	64.3	72.4	62.6	62.6
77.4	67.5	67.2	1.0	0.625	0.0		72.5	16.3	73.1	74.9	77.4	77.4
89.2	75.0	75.6	1.0	0.75	0.0		81.3	1.1	82.3	82.3	89.2	89.2
96.9	82.5	83.9	1.0	0.875	0.0		88.7	−11.0	90.6	91.3	96.9	96.9
100.4	90.0	92.3	1.0	1.0	0.0		92.8	−17.5	95.2	96.8	100.4	100.4
108.8	97.5	101.0	0.875	1.0	0.0		83.7	−27.3	80.1	84.7	108.8	108.8
120.1	105.0	109.7	0.75	1.0	0.0		74.4	−37.9	65.2	75.5	120.1	120.1
130.4	112.5	118.5	0.625	1.0	0.0		67.3	−45.9	53.9	70.9	130.4	130.4
139.3	120.0	127.2	0.5	1.0	0.0		61.7	−53.9	46.2	71.0	139.3	139.3
142.0	127.5	136.0	0.375	1.0	0.0		60.5	−56.5	44.0	71.6	142.0	142.0
145.1	135.0	144.7	0.25	1.0	0.0		58.6	−59.0	41.1	71.9	145.1	145.1
145.5	142.5	153.4	0.125	1.0	0.0		58.5	−59.5	40.8	72.2	145.5	145.5
145.5	150.0	162.2	0.0	1.0	0.0		58.5	−59.5	40.8	72.2	145.5	145.5
146.1	157.5	169.0	0.0	1.0	0.125		57.9	−60.4	40.4	72.7	146.1	146.1
147.2	165.0	175.9	0.0	1.0	0.25		57.6	−60.6	38.9	72.0	147.2	147.2
148.5	172.5	182.7	0.0	1.0	0.375		57.2	−61.5	37.6	72.1	148.5	148.5
151.6	180.0	189.6	0.0	1.0	0.5		57.1	−60.7	32.7	68.9	151.6	151.6
154.2	187.5	196.4	0.0	1.0	0.625		57.3	−59.4	28.6	65.9	154.2	154.2
161.5	195.0	203.2	0.0	1.0	0.75		58.4	−55.1	18.4	58.1	161.5	161.5
180.5	202.5	210.1	0.0	1.0	0.875		59.9	−46.4	−0.4	46.4	180.5	180.5
208.3	210.0	216.9	0.0	1.0	1.0		57.0	−40.5	−21.8	46.1	208.3	208.3
226.7	217.5	223.8	0.0	0.875	1.0		53.3	−35.2	−37.3	51.3	226.7	226.7
243.5	225.0	230.6	0.0	0.75	1.0		52.6	−24.9	−50.1	56.0	243.5	243.5
248.9	232.5	237.5	0.0	0.625	1.0		49.4	−19.3	−50.3	53.8	248.9	248.9
253.6	240.0	244.3	0.0	0.5	1.0		47.1	−14.6	−50.0	52.1	253.6	253.6
256.9	247.5	251.2	0.0	0.375	1.0		45.3	−11.4	−49.7	51.0	256.9	256.9
261.2	255.0	258.0	0.0	0.25	1.0		42.9	−7.6	−49.7	50.3	261.2	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
264.0	270.0	271.7	0.0	0.0	1.0		41.5	−5.0	−49.0	49.2	264.0	264.0
265.1	277.5	278.8	0.125	0.0	1.0		40.9	−4.1	−49.0	49.2	265.1	265.1
266.0	285.0	285.9	0.25	0.0	1.0		40.3	−3.3	−49.3	49.4	266.0	266.0
270.0	292.5	293.0	0.375	0.0	1.0		38.3	0.0	−50.1	50.1	270.0	270.0
279.6	300.0	300.1	0.5	0.0	1.0		36.4	8.1	−47.9	48.5	279.6	279.6
295.4	307.5	307.2	0.625	0.0	1.0		37.3	20.1	−42.2	46.7	295.4	295.4
313.1	315.0	314.3	0.75	0.0	1.0		41.4	32.1	−34.2	46.9	313.1	313.1
332.4	322.5	321.4	0.875	0.0	1.0		45.7	48.0	−25.0	54.1	332.4	332.4
351.5	330.0	328.6	1.0	0.0	1.0		50.1	71.1	−10.5	71.8	351.5	351.5
354.0	337.5	335.7	1.0	0.0	0.875		48.7	74.0	−7.7	74.4	354.0	354.0
358.5	345.0	342.8	1.0	0.0	0.75		48.3	72.7	−1.8	72.7	358.5	358.5
364.5	352.5	349.9	1.0	0.0	0.625		48.3	70.3	5.5	70.5	364.5	364.5
369.8	360.0	357.0	1.0	0.0	0.5		48.3	68.4	11.9	69.5	369.8	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			
1.0	0.0	0.237	48.3	64.2	30.6	71.2	25	33.8
1.0	0.0	0.025	48.2	63.4	41.6	75.8	33	35.6
1.0	0.279	0.0	51.2	57.5	52.1	77.5	42	40.0
1.0	0.382	0.0	55.7	48.5	57.8	75.4	49	49.1
1.0	0.465	0.0	61.1	37.9	62.8	73.4	58	62.6
1.0	0.534	0.0	65.9	28.9	67.2	73.2	66	77.4
1.0	0.61	0.0	71.4	18.6	72.3	74.7	75	89.2
1.0	0.689	0.0	77.0	9.0	78.2	78.7	83	96.9
1.0	0.8	0.0	84.3	−3.4	85.9	85.9	92	100.4
0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100	108.8
0.865	1.0	0.0	83.0	−28.3	79.0	84.0	109	120.1
0.774	1.0	0.0	76.2	−36.1	68.3	77.3	117	130.4
0.663	1.0	0.0	69.5	−43.7	57.6	72.3	127	139.3
0.555	1.0	0.0	64.2	−50.5	49.8	71.0	135	142.0
0.265	1.0	0.0	58.9	−58.6	41.5	71.9	144	145.1
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	145.5
0.0	1.0	0.797	59.0	−52.6	10.6	53.8	168	146.1
0.0	1.0	0.845	59.6	−49.1	3.5	49.3	175	147.2
0.0	1.0	0.883	59.8	−46.3	−1.8	46.4	182	148.5
0.0	1.0	0.916	59.0	−45.6	−7.6	46.3	189	151.6
0.0	1.0	0.944	58.4	−44.4	−12.6	46.2	195	154.2
0.0	1.0	0.97	57.6	−42.3	−18.2	46.2	203	161.5
0.0	1.0	1.0	56.8	−40.3	−22.9	46.5	209	180.5
0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216	208.3
0.0	0.898	1.0	54.0	−36.5	−34.5	50.4	223	226.7
0.0	0.846	1.0	53.2	−33.1	−40.5	52.5	230	243.5
0.0	0.798	1.0	52.9	−29.4	−45.4	54.2	237	248.9
0.0	0.732	1.0	52.2	−24.0	−50.1	55.7	244	253.6
0.0	0.578	1.0	48.6	−17.5	−50.2	53.2	250	256.9
0.0	0.344	1.0	44.7	−10.4	−49.7	50.9	258	261.2
0.043	0.0	1.0	41.4	−4.7	−49.0	49.3	264	264.0
0.397	0.0	1.0	38.1	1.5	−49.8	49.9	271	270.0
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	
0.758	0.0	1.0	41.7	33.2	−33.8	47.4	314	313.1
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	
0.893	0.0	1.0	46.4	51.6	−23.7	56.8	335	332.4
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	
1.0	0.0	0.976	49.9	71.7	−9.9	72.4	352	351.5
1.0	0.0	0.723	48.3	72.3	−0.1	72.3	359	354.0
1.0	0.0	0.526	48.4	68.9	10.6	69.7	368	358.5
1.0	0.0	0.388	48.5	66.0	19.6	68.9	376	364.5
1.0	0.0	0.237	48.3	64.2	30.6	71.2	385	369.8

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

RE810−72 1−103834−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

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

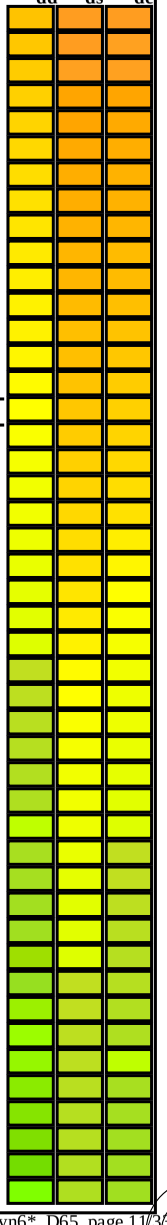
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					R_d	*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					R_s	*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					R_e	*rgb**dd361Mi		
33	30	25	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33		1.0	0.0	0.143	48.5	63.6	36.7	73.4	30		1.0	0.0	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

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

RE810−72 1−103934−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

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 RE81; 16 step hue circle, *cf*=1
48 step hue circles; *rgb−LabCh**tables

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

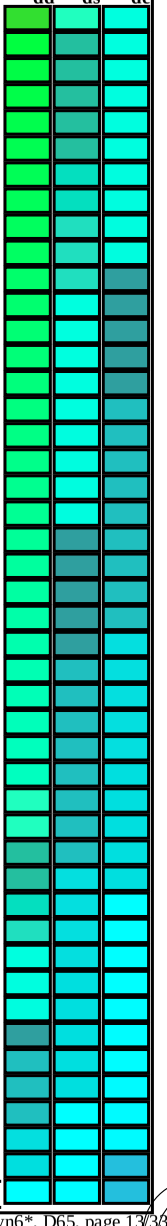
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 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

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

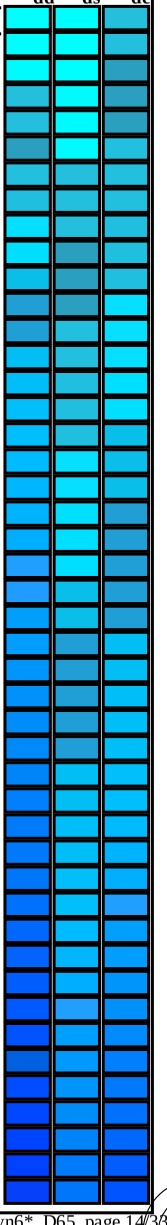
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 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			



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)				C_d	*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)				C_s	*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)				C_e	*rgb**dd361Mi		
208	210	216	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208	0.0	0.989	1.0	56.8	−40.2	−23.2	46.6	210	0.0	1.0	1.0	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216	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



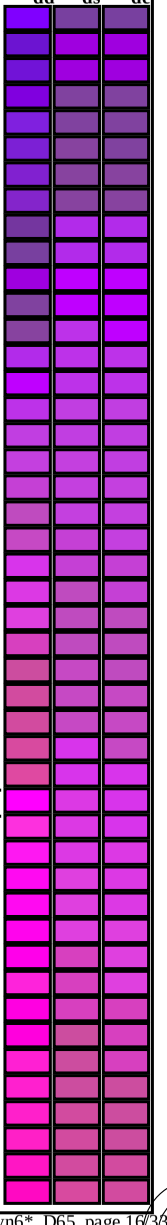
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 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		
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

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

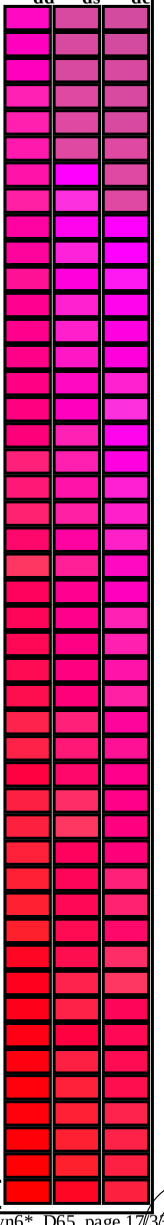
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 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	



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	



n/j	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'*$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
0/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.2	63.2	41.6	75.6	33.3	0.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
1/657	R13Y_100_100$_{dd}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	48.7	62.0	44.2	76.2	35.4	1.0	0.115	0.0	48.8	62.1	44.5	76.4	35.6	0.2	36	1.0	0.116	0.0	48.7	62.0	44.2	76.2	35.4
2/666	R25Y_100_100$_{dd}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4	1.0	0.231	0.0	49.7	60.2	50.5	78.6	40.0	1.0	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
3/675	R38Y_100_100$_{dd}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	54.8	50.1	56.8	75.7	48.5	1.0	0.366	0.0	55.2	49.4	57.8	76.0	49.4	1.2	51	1.0	0.366	0.0	54.8	50.1	56.8	75.7	48.5
4/684	R50Y_100_100$_{dd}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6	1.0	0.501	0.0	64.1	31.9	65.0	72.5	63.8	1.6	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
5/693	R63Y_100_100$_{dd}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	73.1	15.4	73.8	75.4	78.1	1.0	0.632	0.125	74.0	13.7	73.9	75.2	79.4	1.8	68	1.0	0.633	0.0	73.1	15.4	73.8	75.4	78.1
6/702	R75Y_100_100$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2	1.0	0.765	0.0	82.6	−1.0	82.6	82.6	90.7	1.1	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
7/711	R88Y_100_100$_{dd}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	89.0	−11.4	90.9	91.7	97.1	1.0	0.882	0.0	89.3	−11.8	90.7	91.4	97.4	0.5	83	1.0	0.883	0.0	89.0	−11.4	90.9	91.7	97.1
8/720	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	1.0	1.0	0.0	92.8	−17.6	94.8	96.4	100.5	0.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
9/639	Y13G_100_100$_{dd}$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	84.3	−26.8	81.2	85.5	108.2	0.884	1.0	0.0	84.9	−26.4	81.5	85.7	107.9	0.7	96	0.883	1.0	0.0	84.3	−26.8	81.2	85.5	108.2
10/558	Y25G_100_100$_{dd}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6	0.685	0.874	0.125	75.8	−36.2	66.4	75.7	118.6	1.0	102	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6
11/477	Y38G_100_100$_{dd}$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	67.7	−45.5	54.7	71.2	129.7	0.613	0.941	0.0	68.1	−45.2	54.7	71.0	129.5	0.4	111	0.633	1.0	0.0	67.7	−45.5	54.7	71.2	129.7
12/396	Y50G_100_100$_{dd}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3	0.5	1.0	0.0	62.4	−52.6	46.3	70.1	138.6	1.4	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
13/315	Y63G_100_100$_{dd}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	60.3	−56.6	43.9	71.6	142.2	0.334	0.877	0.014	61.4	−54.2	44.5	70.2	140.6	2.7	128	0.366	1.0	0.0	60.3	−56.6	43.9	71.6	142.2
14/234	Y75G_100_100$_{dd}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1	0.263	0.927	0.127	58.8	−59.1	41.3	72.1	145.0	0.2	137	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1
15/153	Y88G_100_100$_{dd}$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.125	1.0	0.0	58.8	−58.5	40.8	71.3	145.1	1.0	143	0.116	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
16/72	G00C_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.125	1.0	0.0	59.6	−57.9	41.3	71.1	144.4	2.0	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
17/73	G13C_100_100$_{dd}$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.116	58.0	−60.3	40.4	72.6	146.1	0.004	1.0	0.122	58.5	−59.3	40.5	71.9	145.6	1.1	156	0.0	1.0	0.116	58.0	−60.3	40.4	72.6	146.1
18/74	G25C_100_100$_{dd}$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147.1	0.194	0.874	0.19	57.8	−60.3	39.1	71.9	147.0	0.3	162	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147.1
19/75	G38C_100_100$_{dd}$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.366	57.2	−61.4	37.7	72.1	148.4	0.0	1.0	0.368	57.5	−60.4	37.0	70.9	148.4	1.2	171	0.0	1.0	0.366	57.2	−61.4	37.7	72.1	148.4
20/76	G50C_100_100$_{dd}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6	0.0	1.0	0.5	57.9	−59.1	32.5	67.5	151.2	1.7	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
21/77	G63C_100_100$_{dd}$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.633	57.3	−59.2	27.8	65.4	154.7	0.0	1.0	0.637	58.1	−57.3	26.3	63.0	155.3	2.5	188	0.0	1.0	0.633	57.3	−59.2	27.8	65.4	154.7
22/78	G75C_100_100$_{dd}$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164.0	0.125	1.0	0.75	60.0	−51.3	15.4	53.6	163.2	3.3	197	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164.0
23/79	G88C_100_100$_{dd}$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.883	59.7	−46.3	−1.9	46.4	182.4	0.0	0.997	0.874	60.6	−44.3	−1.8	44.3	182.4	2.2	203	0.0	1.0	0.883	59.7	−46.3	−1.9	46.4	182.4
24/80	C00B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3	0.0	1.0	1.0	57.6	−38.5	−22.7	44.7	210.5	2.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
25/71	C13B_100_100$_{dd}$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	53.5	−35.7	−36.3	51.0	225.5	0.022	0.874	1.0	53.6	−33.1	−38.2	50.5	229.0	3.1	216	0.0	0.883	1.0	53.5	−35.7	−36.3	51.0	225.5
26/62	C25B_100_100$_{dd}$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241.3	0.0	0.749	0.985	52.9	−24.0	−49.6	55.1	244.1	2.7	222	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241.3
27/53	C38B_100_100$_{dd}$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	49.6	−19.6	−50.3	54.0	248.6	0.0	0.623	0.983	49.7	−19.3	−49.8	53.5	248.7	0.5	231	0.0	0.633	1.0	49.6	−19.6	−50.3	54.0	248.6
28/44	C50B_100_100$_{dd}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6	0.0	0.5	1.0	47.2	−15.4	−50.1	52.4	252.9	0.7	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
29/35	C63B_100_100$_{dd}$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	45.1	−11.2	−49.7	50.9	257.2	0.0	0.366	1.0	45.1	−11.6	−49.8	51.1	256.8	0.4	248	0.0	0.366	1.0	45.1	−11.2	−49.7	50.9	257.2
30/26	C75B_100_100$_{dd}$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261.6	0.022	0.25	0.973	43.4	−8.5	−49.6	50.3	260.2	1.3	257	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261.6
31/17	C88B_100_100$_{dd}$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.125	1.0	41.9	−6.1	−49.0	49.4	262.8	1.1	263	0.0	0.116	1.0	41.5	−5.0	−49.0	49.2	264.0
32/8	B00M_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.125	1.0	41.9	−5.3	−48.8	49.1	263.7	0.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
33/89	B13M_100_100$_{dd}$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	40.9	−4.2	−49.0	49.2	265.0	0.125	0.0	1.0	40.8	−4.3	−48.9	49.1	264.9	0.2	276	0.116	0.0	1.0	40.9	−4.2	−49.0	49.2	265.0
34/170	B25M_100_100$_{dd}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9	0.238	0.001	1.0	40.4	−3.4	−49.2	49.3	265.9	0.0	282	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9
35/251	B38M_100_100$_{dd}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	38.5	−0.1	−50.1	50.1	269.7	0.377	0.014	1.0	39.0	−0.7	−49.8	49.8	269.1	0.7	291	0.366	0.0	1.0	38.5	−0.1	−50.1	50.1	269.7
36/332	B50M_100_100$_{dd}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6	0.5	0.0	1.0	37.6	7.5	−47.1	47.7	279.1	1.4	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
37/413	B63M_100_100$_{dd}$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	37.5	20.9	−41.8	46.7	296.6	0.516	0.146	0.797	37.9	21.8	−41.1	46.6	297.9	1.1	308	0.633	0.0	1.0	37.5	20.9	−41.8	46.7	296.6
38/494	B75M_100_100$_{dd}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7	0.741	0.195	0.911	43.5	33.3	−31.9	46.2	316.2	2.3	317	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7
39/575	B88M_100_100$_{dd}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	46.0	49.6	−24.5	55.3	333.7	0.861	0.224	0.896	47.3	48.5	−23.7	54.0	333.9	1.8	323	0.883	0.0	1.0	46.0	49.6	−24.5	55.3	333.7
40/656	M00R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	1.0	0.0	1.0	50.0	71.4	−10.0	72.1	352.0	0.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
41/655	M13R_100_100$_{dd}$	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	48.8	73.8	−7.9	74.3	353.8	0.999	0.001	0.882	48.4	74.5	−7.7	74.9	354.0	0.8	336	1.0	0.0	0.883	48.8	73.8	−7.9	74.3	353.8
42/654	M25R_100_100$_{dd}$	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9	1.0	0.035	0.76	48.2	73.0	−2.5	73.0	357.9	0.1	342	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9
43/653	M38R_100_100$_{dd}$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	48.3	70.4	5.1	70.6	4.1	1.0	0.008	0.632	48.5	70.4	4.2	70.6	363.4	0.8	351	1.0	0.0	0.633	48.3	70.4	5.1	70.6	4.1
44/652	M50R_100_100$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8	0.999	0.0	0.501	48.9	67.8	10.4	68.6	368.7	1.6	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
45/651	M63R_100_100$_{dd}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	48.4	65.6	21.1	68.9	17.8	1.0	0.006	0.368	48.6	65.6	19.8	68.5	376.8	1.2	368	1.0	0.0	0.366	48.4	65.6	21.1	68.9	17.8
46/650	M75R_100_100$_{dd}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6	0.996	0.125	0.259	48.7	64.1	29.5	70.6	384.7	1.3	377	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6
47/649	M88R_100_100$_{dd}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	48.4	63.4	38.1	74.0	31.0	1.0	0.0	0.116	48.6	63.2	36.6	73.0	390.0	1.5	383	1.0	0.0	0.116	48.4	63.4	38.1	74.0	31.0
48/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.2	63.2	41.6	75.6	393.3	0.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
49/0	NW_000$_{dd}$	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	15.9	0.0	0.0	0.0	0.0	0.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
50/91	NW_013$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.264	0.257	0.25	25.3	0.0	−0.8	0.8	272.4	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
51/182	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.338	0.313	0.302	31.4	0.7	0.2	0.7	19.5	4.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
52/273	NW_038$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.437	0.413	0.406	43.5	1.4	−0.6	1.5	336.9	2.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
53/364	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.542	0.524	0.517	54.4	0.4	−0.7	0.8	301.5	1.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
54/455	NW_063$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.647	0.638	0.635	66.7	0.0	−0.8	0.8	273.9	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
55/546	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.77	0.762	0.763	76.5	0.0	−0.1	0.1	290.8	0.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
56/637	NW_088$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	87.7	0.0	0.1	0.1	68.9	1.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
57/728	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 1.2

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, $\Delta E'^*$

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

1−1031734−F0

n/j	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'**$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
0/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.2	63.2	41.6	75.6	33.3	0.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
1/666	R25Y_100_100$_{dd}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4	1.0	0.231	0.0	49.7	60.2	50.5	78.6	40.0	1.0	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
2/684	R50Y_100_100$_{dd}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6	1.0	0.501	0.0	64.1	31.9	65.0	72.5	63.8	1.6	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
3/702	R75Y_100_100$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2	1.0	0.765	0.0	82.6	−1.0	82.6	82.6	90.7	1.1	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
4/720	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	1.0	1.0	0.0	92.8	−17.6	94.8	96.4	100.5	0.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
5/558	Y25G_100_100$_{dd}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6	0.685	0.874	0.125	75.8	−36.2	66.4	75.7	118.6	1.0	102	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6
6/396	Y50G_100_100$_{dd}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3	0.5	1.0	0.0	62.4	−52.6	46.3	70.1	138.6	1.4	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
7/234	Y75G_100_100$_{dd}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1	0.263	0.927	0.127	58.8	−59.1	41.3	72.1	145.0	0.2	137	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1
8/72	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.125	1.0	0.0	59.6	−57.9	41.3	71.1	144.4	2.0	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
9/72	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.125	1.0	0.0	59.6	−57.9	41.3	71.1	144.4	2.0	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
10/76	G25B_100_100$_{dd}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6	0.0	1.0	0.5	57.9	−59.1	32.5	67.5	151.2	1.7	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
11/80	G50B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3	0.0	1.0	1.0	57.6	−38.5	−22.7	44.7	210.5	2.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
12/44	G75B_100_100$_{dd}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6	0.0	0.5	1.0	47.2	−15.4	−50.1	52.4	252.9	0.7	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
13/8	B00M_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.125	1.0	41.9	−5.3	−48.8	49.1	263.7	0.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
14/332	B25R_100_100$_{dd}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6	0.5	0.0	1.0	37.6	7.5	−47.1	47.7	279.1	1.4	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
15/656	B50R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	1.0	0.0	1.0	50.0	71.4	−10.0	72.1	352.0	0.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
16/652	B75R_100_100$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8	0.999	0.0	0.501	48.9	67.8	10.4	68.6	8.7	1.6	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
17/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.2	63.2	41.6	75.6	33.3	0.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
18/688	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	72.2	31.6	21.2	38.1	33.8	1.0	0.602	0.536	72.9	25.4	17.1	30.6	33.9	7.5	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
19/706	R50Y_100_050$_{dd}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	79.9	16.6	32.1	36.2	62.6	1.0	0.701	0.53	80.7	10.6	27.3	29.3	68.6	7.7	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
20/724	Y00G_100_050$_{dd}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	94.6	−8.7	47.6	48.4	100.4	1.0	0.963	0.623	93.6	−11.9	45.3	46.8	104.7	4.0	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
21/562	Y50G_100_050$_{dd}$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	79.0	−26.9	23.1	35.5	139.3	0.645	0.871	0.613	79.8	−26.5	23.3	35.4	138.6	0.9	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
22/400	G00B_100_050$_{dd}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	77.4	−29.7	20.4	36.1	145.5	0.6	0.874	0.623	77.9	−27.2	17.6	32.4	147.0	3.7	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
23/404	G50B_100_050$_{dd}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	76.7	−20.2	−10.9	23.0	208.3	0.545	0.84	0.872	77.5	−20.0	−9.9	22.4	206.3	1.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
24/368	B00R_100_050$_{dd}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	68.9	−2.5	−24.5	24.6	264.0	0.624	0.625	0.835	70.9	−2.6	−25.4	25.6	264.0	2.1	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
25/692	B50R_100_050$_{dd}$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	73.2	35.5	−5.2	35.9	351.5	1.0	0.638	0.83	73.5	33.6	−6.5	34.2	348.9	2.3	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
26/688	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	72.2	31.6	21.2	38.1	33.8	1.0	0.602	0.536	72.9	25.4	17.1	30.6	33.9	7.5	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
27/506	R00Y_075_050$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	52.1	31.6	21.2	38.1	33.8	0.722	0.366	0.314	54.7	28.6	19.2	34.5	33.9	4.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
28/524	R50Y_075_050$_{dd}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	59.7	16.6	32.1	36.2	62.6	0.728	0.467	0.309	61.5	14.5	28.6	32.1	63.1	4.4	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
29/542	Y00G_075_050$_{dd}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	74.4	−8.7	47.6	48.4	100.4	0.738	0.679	0.379	75.6	−9.1	45.3	46.2	101.3	2.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
30/380	Y50G_075_050$_{dd}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	58.9	−26.9	23.1	35.5	139.3	0.417	0.557	0.367	61.1	−25.3	21.4	33.1	139.7	3.2	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
31/218	G00B_075_050$_{dd}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	57.2	−29.7	20.4	36.1	145.5	0.372	0.543	0.366	56.9	−28.9	18.8	34.5	146.8	1.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
32/222	G50B_075_050$_{dd}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	56.5	−20.2	−10.9	23.0	208.3	0.338	0.549	0.584	57.7	−17.8	−12.5	21.8	215.0	3.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
33/186	B00R_075_050$_{dd}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	48.8	−2.5	−24.5	24.6	264.0	0.386	0.409	0.561	50.1	−2.7	−24.8	25.0	263.7	1.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
34/510	B50R_075_050$_{dd}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	53.1	35.5	−5.2	35.9	351.5	0.712	0.393	0.5	53.5	35.6	−7.3	36.4	348.3	2.1	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
35/506	R00Y_075_050$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	52.1	31.6	21.2	38.1	33.8	0.722	0.366	0.314	54.7	28.6	19.2	34.5	33.9	4.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
36/324	R00Y_050_050$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	31.9	31.6	21.2	38.1	33.8	0.487	0.158	0.087	33.7	33.2	22.3	40.0	33.8	2.6	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
37/342	R50Y_050_050$_{dd}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	39.6	16.6	32.1	36.2	62.6	0.507	0.279	0.126	40.3	16.0	33.3	36.9	64.2	1.4	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
38/360	Y00G_050_050$_{dd}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	54.3	−8.7	47.6	48.4	100.4	0.508	0.473	0.165	55.6	−10.4	51.1	52.2	101.4	4.1	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
39/198	Y50G_050_050$_{dd}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	38.7	−26.9	23.1	35.5	139.3	0.248	0.359	0.154	41.4	−27.0	26.7	38.0	135.3	4.4	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
40/36	G00B_050_050$_{dd}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	37.1	−29.7	20.4	36.1	145.5	0.208	0.341	0.155	40.0	−30.6	23.3	38.5	142.6	4.2	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
41/40	G50B_050_050$_{dd}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	36.4	−20.2	−10.9	23.0	208.3	0.197	0.349	0.374	38.9	−17.6	−12.5	21.6	215.3	3.9	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
42/4	B00R_050_050$_{dd}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	28.6	−2.5	−24.5	24.6	264.0	0.171	0.184	0.318	30.7	−5.0	−25.8	26.2	258.8	3.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
43/328	B50R_050_050$_{dd}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.9	35.5	−5.2	35.9	351.5	0.49	0.17	0.292	33.1	40.5	−5.8	41.0	351.7	5.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
44/324	R00Y_050_050$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	31.9	31.6	21.2	38.1	33.8	0.487	0.158	0.087	33.7	33.2	22.3	40.0	33.8	2.6	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
45/0	NW_000$_{dd}$	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	15.9	0.0	0.0	0.0	0.0	0.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
46/91	NW_013$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.264	0.257	0.25	25.3	0.0	−0.8	0.8	272.4	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
47/182	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.338	0.313	0.302	31.4	0.7	0.2	0.7	19.5	4.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
48/273	NW_038$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.437	0.413	0.406	43.5	1.4	−0.6	1.5	336.9	2.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
49/364	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.542	0.524	0.517	54.4	0.4	−0.7	0.8	301.5	1.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
50/455	NW_063$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.647	0.638	0.635	66.7	0.0	−0.8	0.8	273.9	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
51/546	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.77	0.762	0.763	76.5	0.0	−0.1	0.1	290.8	0.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
52/637	NW_088$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	87.7	0.0	0.1	0.1	68.9	1.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
53/728	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 2.4

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, $\Delta E'^*$

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

1−1031834−F0

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 20/33

n=j	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd				
0	NW_000dd	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_012dd	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
2	B00R_025_025dd	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
3	B00R_037_037dd	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
4	B00R_050_050dd	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
5	B00R_062_062dd	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
6	B00R_075_075dd	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
7	B00R_087_087dd	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
8	B00R_100_100dd	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
9	G00B_012_012dd	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	21.1	−7.4	5.1	9.0	145.5
10	G50B_012_012dd	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	20.9	−5.0	−2.7	5.7	208.3
11	G75B_025_025dd	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.125	0.25	23.6	−3.6	−12.5	13.0	253.6
12	G84B_037_037dd	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.118	0.375	26.4	−3.6	−18.6	19.0	258.9
13	G88B_050_050dd	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.116	0.5	29.2	−3.6	−24.8	25.0	261.6
14	G90B_062_062dd	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.114	0.625	32.3	−3.9	−30.8	31.1	262.7
15	G92B_075_075dd	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_087dd	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.116	0.875	38.4	−4.5	−42.9	43.1	263.8
17	G94B_100_100dd	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
18	G00B_025_025dd	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	26.4	−14.8	10.2	18.0	145.5
19	G25B_025_025dd	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.125	26.1	−15.1	8.1	17.2	151.6
20	G50B_025_025dd	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
21	G65B_037_037dd	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.256	0.375	28.9	−8.2	−18.8	20.5	246.4
22	G75B_050_050dd	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.25	0.5	31.4	−7.3	−25.0	26.0	253.6
23	G80B_062_062dd	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.239	0.625	34.3	−7.3	−31.1	31.9	256.7
24	G84B_075_075dd	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.237	0.75	37.1	−7.2	−37.3	38.0	258.9
25	G86B_087_087dd	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.233	0.875	39.8	−7.1	−43.5	44.1	260.6
26	G88B_100_100dd	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
27	G00B_037_037dd	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	31.8	−22.3	15.3	27.0	145.5
28	G15B_037_037dd	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.118	31.4	−22.9	14.3	27.0	147.9
29	G34B_037_037dd	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.256	31.5	−21.6	8.8	23.3	157.6
30	G50B_037_037dd	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
31	G61B_050_050dd	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.383	0.5	34.2	−13.2	−24.3	27.7	241.3
32	G69B_062_062dd	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.385	0.625	36.7	−11.8	−31.4	33.6	249.2
33	G75B_075_075dd	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.375	0.75	39.3	−11.0	−37.5	39.1	253.6
34	G79B_087_087dd	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.364	0.875	42.1	−10.9	−43.6	44.9	255.8
35	G81B_100_100dd	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
36	G00B_050_050dd	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
37	G11B_050_050dd	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.116	36.7	−30.2	19.5	36.0	147.1
38	G25B_050_050dd	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.25	36.4	−30.3	16.3	34.4	151.6
39	G38B_050_050dd	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.383	37.2	−27.2	7.7	28.2	164.0
40	G50B_050_050dd	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
41	G59B_062_062dd	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.51	0.625	39.0	−19.3	−27.2	33.4	234.6
42	G65B_075_075dd	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.512	0.75	42.1	−16.4	−37.7	41.1	246.4
43	G70B_087_087dd	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.51	0.875	44.5	−15.5	−43.9	46.6	250.5
44	G75B_100_100dd	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
45	G00B_062_062dd	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	42.4	−37.2	25.5	45.1	145.5
46	G09B_062_062dd	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.114	42.0	−37.8	24.8	45.2	146.7
47	G19B_062_062dd	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.239	41.7	−38.4	23.3	44.9	148.7
48	G30B_062_062dd	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.385	41.7	−37.2	18.0	41.3	154.1
49	G40B_062_062dd	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.51	42.9	−32.0	4.6	32.4	171.6
50	G50B_062_062dd	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
51	G57B_075_075dd	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.637	0.75	43.8	−25.1	−30.0	39.2	230.1
52	G63B_087_087dd	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.641	0.875	47.6	−21.1	−43.9	48.7	244.3
53	G68B_100_100dd	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
54	G00B_075_075dd	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	47.8	−44.6	30.6	54.1	145.5
55	G07B_075_075dd	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.112	47.3	−45.3	30.1	54.4	146.4
56	G15B_075_075dd	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.237	47.0	−45.8	28.6	54.0	147.9
57	G25B_075_075dd	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.375	46.8	−45.5	24.5	51.7	151.6
58	G34B_075_075dd	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.512	47.3	−43.2	17.7	46.7	157.6
59	G42B_075_075dd	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.637	48.6	−36.5	2.0	36.5	176.7
60	G50B_075_075dd	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
61	G56B_087_087dd	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.758	0.875	48.5	−30.3	−33.5	45.2	227.8
62	G61B_100_100dd	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
63	G00B_087_087dd	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	53.1	−52.1	35.7	63.1	145.5
64	G06B_087_087dd	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.116	52.6	−52.8	35.3	63.5	146.2
65	G13B_087_087dd	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.233	52.3	−53.1	33.9	63.0	147.4
66	G20B_087_087dd	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.364	52.0	−53.6	31.4	62.2	149.6
67	G29B_087_087dd	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.51	52.0	−52.4	26.2	58.6	153.4
68	G36B_087_087dd	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.641	52.9	−48.8	17.2	51.7	160.5
69	G43B_087_087dd	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.758	54.3	−41.2	0.5	41.3	179.2
70	G50B_087_087dd	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
71	G55B_100_100dd	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
72	G00B_100_100dd	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
73	G05B_100_100dd	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
74	G11B_100_100dd	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
75	G18B_100_100dd	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
76	G25B_100_100dd	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
77	G31B_100_100dd	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
78	G38B_100_100dd	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
79	G44B_100_100dd	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
80	G50B_100_100dd	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

n=j	rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
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
1	0.13	0.127	0.157	16.2	−0.8	−0.8	1.2	225.9	5.9	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
2	0.148	0.14	0.2	20.7	−3.1	−9.1	9.7	251.0	3.8	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
3	0.168	0.17	0.263	21.2	−0.8	−25.3	25.3	268.0	8.1	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
4	0.171	0.184	0.318	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
5	0.174	0.201	0.371	32.1	−3.2	−38.4	38.5	265.1	7.8	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
6	0.177	0.215	0.445	35.6	−4.3	−42.2	42.4	264.0	5.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
7	0.177	0.233	0.524	37.8	−4.1	−45.6	45.8	264.8	2.8	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
8	0.0	0.125	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
9	0.134	0.153	0.031	23.1	−24.2	9.1	25.9	159.3	17.4	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
10	0.13	0.15	0.152	17.4	−11.4	−4.3	12.2	200.8	7.4	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
11	0.149	0.158	0.214	22.8	−6.1	−23.7	24.5	255.4	11.5	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
12	0.166	0.183	0.276	27.2	−2.6	−34.0	34.1	265.5	15.3	251	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
13	0.169	0.192	0.326	31.3	−3.4	−38.5	38.6	264.8	13.8	257	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261.6
14	0.173	0.208	0.377	35.1	−3.9	−41.8	42.0	264.6	11.3	260	0.0	0.183	1.0	42.2	−6.2	−49.3	49.7	262.7
15	0.175	0.219	0.448	37.7	−4.8	−44.4	44.7	263.7	8.0	262	0.0	0.15	1.0	41.8	−5.5	−49.1	49.5	263.5
16	0.176	0.235	0.526	39.6	−4.4	−47.1	47.3	264.5	4.4	262	0.0	0.133	1.0	41.6	−5.2	−49.0	49.3	263.8
17	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
18	0.157	0.209	0.104	32.6	−40.9	19.0	45.1	155.0	28.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
19	0.141	0.204	0.127	31.7	−46.5	17.3	49.7	159.5	33.2	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
20	0.181	0.247	0.254	26.8	−29.3	−6.7	30.0	192.9	19.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
21	0.162	0.221	0.309	32.8	−13.6	−34.1	36.7	248.2	16.6	228	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
22	0.167	0.229	0.354	36.6	−6.9	−42.8	43.4	260.7	18.5	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
23	0.17	0.242	0.409	39.7	−7.0	−45.2	45.8	261.1	15.1	247	0.0	0.383	1.0	45.4	−11.6	−49.7	51.1	256.7
24	0.167	0.252	0.468	41.6	−6.7	−47.8	48.3	261.9	11.4	251	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
25	0.159	0.266	0.56	42.3	−6.1	−49.5	49.8	262.9	6.5	255	0.0	0.266	1.0	43.2	−8.1	−49.7	50.4	260.6
26	0.022	0.25	0.973	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
27	0.182	0.279	0.141	41.5	−49.4	26.8	56.2	151.5	31.0	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
28	0.168	0.269	0.137	40.5	−53.3	25.5	59.1	154.3	33.7	168	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147.9
29	0.18	0.288	0.193	41.2	−68.2	22.9	72.0	161.3	49.6	191	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157.6
30	0.181	0.282	0.298	40.3	−48.4	−6.5	48.9	187.6	34.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
31	0.159	0.274	0.384	43.4	−22.7	−39.6	45.7	240.1	20.2	222	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241.3
32	0.156	0.278	0.441	45.0	−12.4	−47.6	49.2	255.3	18.2	232	0.0	0.616	1.0	49.2	−19.0	−50.2	53.7	249.2
33	0.157	0.292	0.497	44.2	−9.0	−49.4	50.2	259.6	12.9	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
34	0.144	0.323	0.593	44.3	−9.7	−49.7	50.6	258.9	6.5	245	0.0	0.416	1.0	45.9	−12.5	−49.8	51.4	255.8
35	0.0	0.366	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
36	0.208	0.341	0.155	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
37	0.198	0.336	0.156	47.0	−56.7	30.9	64.6	151.3	30.6	162	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147.1
38	0.189	0.335	0.18	46.6	−63.9	28.5	70.0	155.9	37.1	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
39	0.198	0.35	0.261	47.8	−77.6	25.3	81.7	161.8	54.4	197	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164.0
40	0.197	0.349	0.374	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
41	0.146	0.338	0.455	50.9	−33.5	−37.2	50.1	227.9	21.0	219	0.0	0.816	1.0	53.0	−31.0	−43.6	53.5	234.6
42	0.138	0.364	0.545	49.0	−16.8	−49.5	52.3	251.2	13.6	228	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
43	0.125	0.384	0.612	46.9	−14.1	−49.8	51.8	254.2	6.5	234	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	0.0	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
45	0.225	0.402	0.161	52.2	−57.6	35.4	67.6	148.3	24.7	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
46	0.215	0.396	0.162	51.5	−60.2	34.5	69.4	150.1	26.2	159	0.0	1.0	0.183	57.8	−60.5	39.7	72.4	146.7
47	0.204	0.392	0.172	51.7	−64.2	34.0	72.6	152.1	29.6	172	0.0	1.0	0.383	57.2	−61.5	37.2	71.9	148.7
48	0.199	0.395	0.226	51.5	−72.1	32.4	79.0	155.7	39.0	187	0.0	1.0	0.616	57.3	−59.5	28.8	66.1	154.1
49	0.215	0.429	0.357	50.2	−72.2	17.0	74.2	166.7	42.6	200	0.0	1.0	0.816	59.2	−51.3	7.5	51.8	171.6
50	0.19	0.4	0.435	51.8	−55.1	−12.5	56.5	192.8	31.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
51	0.14	0.408	0.529	52.5	−37.6	−36.2	52.2	223.9	16.4	217	0.0	0.85	1.0	53.1	−33.5	−40.1	52.2	230.1
52	0.125	0.462	0.692	51.6	−22.3	−50.2	54.9	245.9	7.5	224	0.0	0.733	1.0	52.2	−24.1	−50.2	55.7	244.3
53	0.0	0.623	0.983	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
54	0.243	0.471	0.178	57.0	−60.2	38.8	71.6	147.1	19.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
55	0.232	0.468	0.178	56.7	−62.2	38.3	73.0	148.3	20.9	157	0.0	1.0	0.15	57.9	−60.4	40.1	72.5	146.4
56	0.221	0.465	0.192	55.8	−63.6	37.3	73.8	149.5	21.7	168	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147.9
57	0.212	0.462	0.25	54.7	−65.6	35.4	74.5	151.6	24.1	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
58	0.213	0.472	0.312	54.2	−65.8	27.3	71.2	157.4	25.4	191	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157.6
59	0.22	0.488	0.428	55.5	−57.3	7.6	57.8	172.4	22.6	202	0.0	1.0	0.85	59.6	−48.6	2.7	48.7	176.7
60	0.194	0.46	0.504	55.2	−48.5	−14.0	50.5	196.1	20.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
61	0.133	0.482	0.611	52.7	−36.7	−37.2	52.2	225.3	8.4	217	0.0	0.866	1.0	53.2	−34.6	−38.3	51.6	227.8
62	0.0	0.749	0.985	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
63	0.261	0.553	0.204	58.9	−58.7	40.8	71.5	145.1	10.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
64	0.252	0.552	0.201	58.0	−60.1	40.3	72.4	146.1	10.3	157	0.0	1.0	0.133	57.9	−60.4	40.3	72.6	146.2
65	0.241	0.544	0.228	57.4	−60.6	39.3	72.2	147.0	10.5	164	0.0	1.0	0.266	57.5	−60.7	38.7	72.0	147.4
66	0.228	0.535	0.25	56.4	−62.6	37.5	73.0	149.0	11.6	174	0.0	1.0	0.416	57.2	−61.3	35.9	71.0	149.6
67	0.217	0.543	0.312	56.0	−62.8	32.5	70.7	152.6	12.8	185	0.0	1.0	0.583	57.2	−59.8	29.9	66.9	153.4
68	0.125	1.0	0.75	56.8	−58.9	22.5	63.1	159.1	12.0	195	0.0	1.0	0.733	58.2	−55.8	19.7	59.1	160.5
69	0.125	1.0	0.875	58.3	−51.2	4.3	51.4	175.1	11.4	202	0.0	1.0	0.866	59.8	−47.1	0.5	47.2	179.2
70	0.125	1.0	1.0	56.8	−43.3	−17.5	46.7	202.0	9.3	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
71	0.022	0.874	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
72	0.125	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
73	0.004	1.0	0.122	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
74	0.194	0.874	0.19	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
75	0.0	1.0	0.368	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
76	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
77	0.0	1.0	0.637	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
78	0.125	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
79	0.0	0.997	0.874	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
80	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

Mean color difference of this page: delta 14.8

1-1031934-F0 RE810−7N, Page 20/33−F

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, $\Delta E'^*$

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

1−1031934−F0

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 21/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
81	R00Y_012_012dd	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	19.8	7.9	5.3	9.5	33.8	0.235	0.108	0.047	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_012dd	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	0.229	0.119	0.14	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_025dd	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	0.155	0.125	0.19	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_037dd	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	0.166	0.157	0.251	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_050dd	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	0.168	0.174	0.31	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_062dd	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	0.172	0.191	0.365	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_075dd	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	0.175	0.205	0.438	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_087dd	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	0.176	0.22	0.517	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_100dd	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_012dd	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	0.244	0.217	0.133	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_012dd	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	0.264	0.257	0.25	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_012dd	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	0.27	0.263	0.29	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_025dd	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	0.276	0.273	0.334	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_037dd	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	0.284	0.293	0.39	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_050dd	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	0.284	0.306	0.445	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_062dd	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	0.284	0.32	0.5	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_075dd	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	0.315	0.359	0.597	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_087dd	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	0.379	0.402	0.739	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_025dd	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	0.177	0.222	0.124	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_012dd	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	0.266	0.299	0.246	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_012dd	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	0.264	0.288	0.286	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_025dd	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	0.273	0.29	0.348	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_037dd	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	0.28	0.307	0.404	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_050dd	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	0.282	0.314	0.454	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_062dd	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	0.284	0.328	0.509	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_075dd	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	0.314	0.363	0.6	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_087dd	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	0.379	0.403	0.74	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_037dd	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	0.196	0.288	0.146	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_025dd	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	0.268	0.341	0.242	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_025dd	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	0.26	0.341	0.254	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_025dd	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	0.273	0.345	0.348	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_037dd	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	0.268	0.344	0.436	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_050dd	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	0.271	0.347	0.48	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_062dd	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	0.286	0.37	0.55	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_075dd	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	0.308	0.4	0.632	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_087dd	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	0.375	0.436	0.814	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_050dd	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	0.21	0.342	0.156	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_037dd	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	0.275	0.388	0.246	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_037dd	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	0.265	0.385	0.247	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_037dd	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	0.271	0.402	0.303	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_037dd	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	0.272	0.402	0.416	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_050dd	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	0.252	0.398	0.514	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_062dd	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	0.275	0.421	0.593	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_075dd	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	0.3	0.456	0.692	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_087dd	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	0.339	0.502	0.852	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_062dd	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	0.226	0.402	0.161	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_050dd	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	0.292	0.45	0.276	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_050dd	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	0.284	0.448	0.278	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_050dd	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	0.274	0.451	0.301	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_050dd	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	0.274	0.466	0.373	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_050dd	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	0.264	0.449	0.472	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_062dd	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	0.24	0.495	0.612	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_075dd	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	0.269	0.532	0.747	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_087dd	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	0.284	0.574	0.908	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_075dd	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	0.244	0.471	0.178	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_062dd	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	0.301	0.504	0.294	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_062dd	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	0.292	0.502	0.296	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_062dd	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	0.282	0.503	0.305	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_062dd	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	0.272	0.509	0.344	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_062dd	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	0.276	0.532	0.453	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_062dd	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	0.255	0.525	0.559	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_075dd	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	0.225	0.573	0.72	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_087dd	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	0.216	0.712	0.996	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_087dd	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	0.261	0.553	0.204	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_075dd	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	0.323	0.581	0.32	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_075dd	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	0.313	0.579	0.321	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_075dd	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	0.302	0.579	0.333	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_075dd	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	0.25	1.0	0.623	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_075dd	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	0.274	0.588	0.428	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_075dd	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	0.25	1.0	0.875	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_075dd	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	0.25	1.0	1.0	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_087dd	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	0.204	0.749	0.915	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_100dd	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_087dd	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	0.323	0.874	0.376	58.3	−59.3	39.8	71.5	146.0	9.6	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
155	G06B_100_087dd	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.241	62.7	−52.8	35.3	63.5	146.2	0.25	1.0	0.375	58.7	−58.5	38.6	70.1	146.5	7.7	157	0.0	1.0	0.133	57.9	−60.4	40.3	72.6	146.2
156	G13B_100_087dd	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.358	62.4	−53.1	33.9	63.0	147.4	0.25	1.0	0.375	58.0	−59.1	36.8	69.7	148.1	7.9	164	0.0	1.0	0.266	57.5	−60.7	38.7	72.0	147.4
157	G20B_100_087dd	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.489	62.1	−53.6	31.4	62.2	149.6	0.25	1.0	0.5	58.3	−58.0	32.2	66.3	150.9	5.8	174	0.0	1.0	0.416	57.2	−61.3	35.9	71.0	149.6
158	G29B_100_087dd	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.635	62.1	−52.4	26.2	58.6	153.4	0.25	0.874	0.501	58.2	−56.5	27.0	62.7	154.4	5.7	185	0.0	1.0	0.583	57.2	−59.8	29.9	66.9	153.4
159	G36B_100_087dd	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.766	63.0	−48.8	17.2	51.7	160.5	0.215	0.874	0.623	59.1	−52.5	16.6	55.1	162.3	5.3	195	0.0	1.0	0.733	58.2	−55.8	19.7	59.1	160.5
160	G43B_100_087dd	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	1.0	0.883	64.3	−41.2	0.5	41.3	179.2	0.25	1.0	0.875	60.7	−44.0	−1.8	44.0	182.4	5.1	202	0.0	1.0	0.866	59.8	−47.1	0.5	47.2	179.2
161	G50B_100_087dd	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	0.25	1.0	1.0	58.6	−38.1	−20.4	43.2	208.1	4.4	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3

Mean color difference of this page: delta 18.4

1−1032034−F0 RE810−7N, Page 21/33−F

TUB-test chart RE81; 16 step hue circle, cf=1
colors and differences, $\Delta E'^*$

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

1−1032034−F0

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 22/33

n	HIC*Fdd	*rgb*_Fdd			*ict*_Fdd			$h_{si\_F,dd}$	*rgb**Fdd			*LabCh**Fdd				
162	R00Y_025_025dd	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	23.8	15.8	10.6	19.0	33.8
163	R00Y_025_025dd	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.125	23.9	17.1	2.9	17.3	9.8
164	B50R_025_025dd	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
165	B34R_037_037dd	0.25	0.0	0.375	0.375	0.375	0.187	311	0.256	0.0	0.375	24.5	9.7	−14.6	17.5	303.7
166	B25R_050_050dd	0.25	0.0	0.5	0.5	0.5	0.25	300	0.25	0.0	0.5	26.1	4.0	−23.9	24.2	279.6
167	B19R_062_062dd	0.25	0.0	0.625	0.625	0.625	0.312	293	0.239	0.0	0.625	29.8	0.3	−31.2	31.2	270.6
168	B15R_075_075dd	0.25	0.0	0.75	0.75	0.75	0.375	289	0.237	0.0	0.75	33.4	−1.1	−37.3	37.3	268.1
169	B13R_087_087dd	0.25	0.0	0.875	0.875	0.875	0.437	286	0.233	0.0	0.875	37.0	−2.5	−43.2	43.3	266.6
170	B11R_100_100dd	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
171	R50Y_025_025dd	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.125	0.0	27.7	8.3	16.0	18.1	62.6
172	R00Y_025_012dd	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
173	B50R_025_012dd	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
174	B25R_037_025dd	0.25	0.125	0.375	0.375	0.25	0.25	300	0.25	0.124	0.375	31.0	2.0	−11.9	12.1	279.6
175	B15R_050_037dd	0.25	0.125	0.5	0.5	0.375	0.312	289	0.243	0.124	0.5	34.6	−0.5	−18.6	18.6	268.1
176	B11R_062_050dd	0.25	0.125	0.625	0.625	0.5	0.375	284	0.241	0.125	0.625	38.1	−1.7	−24.6	24.7	265.9
177	B09R_075_062dd	0.25	0.125	0.75	0.75	0.625	0.437	281	0.239	0.125	0.75	41.4	−2.3	−30.7	30.8	265.5
178	B07R_087_075dd	0.25	0.125	0.875	0.875	0.75	0.5	279	0.237	0.125	0.875	44.6	−3.0	−36.8	36.9	265.3
179	B06R_100_087dd	0.25	0.125	1.0	1.0	0.875	0.562	278	0.241	0.125	1.0	47.8	−3.6	−42.9	43.1	265.1
180	Y00G_025_025dd	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	35.0	−4.3	23.8	24.2	100.4
181	Y00G_025_012dd	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
182	NW_025dd	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
183	B00R_037_012dd	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
184	B00R_050_025dd	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
185	B00R_062_037dd	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
186	B00R_075_050dd	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
187	B00R_087_062dd	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
188	B00R_100_075dd	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
189	Y31G_037_037dd	0.25	0.375	0.0	0.375	0.375	0.187	109	0.256	0.375	0.0	36.3	−15.9	22.2	27.3	125.6
190	Y50G_037_025dd	0.25	0.375	0.125	0.375	0.25	0.25	120	0.25	0.375	0.124	37.3	−13.4	11.5	17.7	139.3
191	G00B_037_012dd	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	41.2	−7.4	5.1	9.0	145.5
192	G50B_037_012dd	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
193	G75B_050_025dd	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.375	0.5	43.7	−3.6	−12.5	13.0	253.6
194	G84B_062_037dd	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.368	0.625	46.6	−3.6	−18.6	19.0	258.9
195	G88B_075_050dd	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.366	0.75	49.4	−3.6	−24.8	25.0	261.6
196	G90B_087_062dd	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.364	0.875	52.4	−3.9	−30.8	31.1	262.7
197	G92B_100_075dd	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
198	Y50G_050_050dd	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
199	Y68G_050_037dd	0.25	0.5	0.125	0.5	0.375	0.312	131	0.243	0.5	0.124	42.3	−21.6	16.0	26.9	143.4
200	G00B_050_025dd	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	46.6	−14.8	10.2	18.0	145.5
201	G25B_050_025dd	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.375	46.2	−15.1	8.1	17.2	151.6
202	G50B_050_025dd	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
203	G65B_062_037dd	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.506	0.625	49.1	−8.2	−18.8	20.5	246.4
204	G75B_075_050dd	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.5	0.75	51.6	−7.3	−25.0	26.0	253.6
205	G80B_087_062dd	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.489	0.875	54.4	−7.3	−31.1	31.9	256.7
206	G84B_100_075dd	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.487	1.0	57.2	−7.2	−37.3	38.0	258.9
207	Y61G_062_062dd	0.25	0.625	0.0	0.625	0.625	0.312	127	0.239	0.625	0.0	43.7	−35.2	27.6	44.7	141.8
208	Y76G_062_050dd	0.25	0.625	0.125	0.625	0.5	0.375	136	0.241	0.625	0.125	47.2	−29.5	20.5	35.9	145.1
209	G00B_062_037dd	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
210	G15B_062_037dd	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.368	51.5	−22.9	14.3	27.0	147.9
211	G34B_062_037dd	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.506	51.7	−21.6	8.8	23.3	157.6
212	G50B_062_037dd	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
213	G61B_075_050dd	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.633	0.75	54.4	−13.2	−24.3	27.7	241.3
214	G69B_087_062dd	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.635	0.875	56.8	−11.8	−31.4	33.6	249.2
215	G75B_100_075dd	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.625	1.0	59.4	−11.0	−37.5	39.1	253.6
216	Y68G_075_075dd	0.25	0.75	0.0	0.75	0.75	0.375	131	0.237	0.75	0.0	48.6	−43.2	32.0	53.8	143.4
217	Y81G_075_062dd	0.25	0.75	0.125	0.75	0.625	0.437	139	0.239	0.75	0.125	52.6	−37.0	25.6	45.0	145.3
218	G00B_075_050dd	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
219	G11B_075_050dd	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.366	56.8	−30.2	19.5	36.0	147.1
220	G25B_075_050dd	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.5	56.6	−30.3	16.3	34.4	151.6
221	G38B_075_050dd	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.633	57.3	−27.2	7.7	28.2	164.0
222	G50B_075_050dd	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
223	G59B_087_062dd	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.76	0.875	59.2	−19.3	−27.2	33.4	234.6
224	G65B_100_075dd	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.762	1.0	62.2	−16.4	−37.7	41.1	246.4
225	Y73G_087_087dd	0.25	0.875	0.0	0.875	0.875	0.437	134	0.233	0.875	0.0	53.5	−51.3	36.3	62.9	144.7
226	Y85G_087_075dd	0.25	0.875	0.125	0.875	0.75	0.5	141	0.237	0.875	0.125	57.9	−44.5	30.6	54.1	145.4
227	G00B_087_062dd	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
228	G09B_087_062dd	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.364	62.1	−37.8	24.8	45.2	146.7
229	G19B_087_062dd	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.489	61.8	−38.4	23.3	44.9	148.7
230	G30B_087_062dd	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.635	61.8	−37.2	18.0	41.3	154.1
231	G40B_087_062dd	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.76	63.0	−32.0	4.6	32.4	171.6
232	G50B_087_062dd	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
233	G57B_100_075dd	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	0.887	1.0	63.9	−25.1	−30.0	39.2	230.1
234	Y76G_100_100dd	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
235	Y86G_100_087dd	0.25	1.0	0.125	1.0	0.875	0.562	142	0.241	1.0	0.125	63.2	−52.0	35.7	63.1	145.5
236	G00B_100_075dd	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
237	G07B_100_075dd	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.362	67.5	−45.3	30.1	54.4	146.4
238	G15B_100_075dd	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.487	67.1	−45.8	28.6	54.0	147.9
239	G25B_100_075dd	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.625	66.9	−45.5	24.5	51.7	151.6
240	G34B_100_075dd	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.762	67.4	−43.2	17.7	46.7	157.6
241	G42B_100_075dd	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.887	68.8	−36.5	2.0	36.5	176.7
242	G50B_100_075dd	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

n	*rgb'**Fdd			*LabCh'**Fdd					*DE'**Fdd	$h_{siM,dd}$	*rgb**Mdd			*LabCh**Mdd				
162	0.316	0.137	0.062	19.5	15.1	5.1	15.9	18.6	7.0	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
163	0.306	0.134	0.143	17.1	13.1	−2.8	13.4	347.8	9.7	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
164	0.3	0.136	0.178	20.4	19.7	−24.4	31.4	308.9	22.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
165	0.247	0.169	0.259	25.5	23.4	−46.1	51.7	296.9	34.3	311	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
166	0.187	0.146	0.284	31.8	10.3	−48.9	50.0	281.9	26.3	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
167	0.171	0.162	0.347	34.3	1.5	−45.0	45.0	271.9	14.4	292	0.383	0.0	1.0	38.2	0.6	−50.0	50.0	270.6
168	0.172	0.181	0.424	35.6	2.0	−47.4	47.4	272.4	10.7	288	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
169	0.174	0.203	0.511	38.3	−0.3	−49.3	49.3	269.6	6.5	284	0.266	0.0	1.0	40.0	−2.9	−49.4	49.5	266.6
170	0.238	0.001	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
171	0.321	0.198	0.082	20.3	7.1	9.5	11.9	53.0	9.9	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
172	0.331	0.234	0.21	20.3	9.8	1.8	10.0	10.7	10.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
173	0.335	0.242	0.257	24.0	15.8	−19.6	25.1	308.9	20.4	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
174	0.25	0.25	0.351	31.4	16.6	−39.6	43.0	292.7	31.2	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
175	0.284	0.279	0.379	33.6	10.9	−47.4	48.6	282.9	31.0	288	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
176	0.285	0.298	0.439	36.4	4.1	−48.6	48.7	274.8	24.7	282	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9
177	0.285	0.312	0.494	38.4	0.2	−48.7	48.7	270.2	18.3	279	0.183	0.0	1.0	40.6	−3.8	−49.2	49.3	265.5
178	0.314	0.349	0.591	40.1	−2.7	−49.1	49.1	266.8	13.0	278	0.15	0.0	1.0	40.8	−4.0	−49.1	49.3	265.3
179	0.376	0.397	0.749	41.1	−4.6	−49.3	49.5	264.6	9.2	277	0.133	0.0	1.0	40.9	−4.1	−49.1	49.2	265.1
180	0.329	0.29	0.135	26.7	−6.5	18.8	19.8	109.0	9.9	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
181	0.337	0.305	0.221	27.1	−5.6	17.5	18.4	107.9	10.6	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
182	0.338	0.313	0.302	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	0.368	0.372	0.403	32.9	−2.2	−23.3	23.4	264.5	18.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
184	0.37	0.377	0.447	39.4	−1.7	−40.2	40.2	267.4	28.1	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
185	0.371	0.381	0.489	39.8	−1.9	−48.2	48.3	267.6	30.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
186	0.386	0.409	0.561	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
187	0.41	0.449	0.653	41.9	−5.8	−49.4	49.8	263.2	21.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
188	0.441	0.486	0.749	42.1	−6.5	−49.5	50.0	262.4	18.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
189	0.282	0.328	0.153	40.6	−34.7	29.7	45.7	139.4	20.6	108	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125.6
190	0.286	0.344	0.239	40.7	−32.2	28.6	43.1	138.4	25.6	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
191	0.361	0.401	0.35	40.6	−22.7	11.9	25.6	152.3	16.7	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
192	0.36	0.396	0.397	36.5	−14.8	−6.5	16.1	203.7	11.4	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
193	0.361	0.389	0.455	43.0	−10.8	−25.5	27.7	246.9	14.9	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
194	0.365	0.392	0.497	44.8	−10.0	−41.2	42.4	256.3	23.5	251	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
195	0.383	0.419	0.572	44.3	−8.6	−48.9	49.6	259.9	25.1	257	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261.6
196	0.409	0.457	0.662	44.5	−9.5	−49.0	49.9	258.9	20.6	260	0.0	0.183	1.0	42.2	−6.2	−49.3	49.7	262.7
197	0.441	0.49	0.757	45.1	−11.3	−49.6	50.8	257.1	17.8	262	0.0	0.15	1.0	41.8	−5.5	−49.1	49.5	263.5
198	0.248	0.359	0.154	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
199	0.285	0.392	0.247	49.9	−49.9	36.2	61.7	144.0	35.6	131	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143.4
200	0.361	0.443	0.35	50.5	−47.0	30.2	55.9	147.2	38.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
201	0.352	0.443	0.362	50.7	−35.4	12.1	37.4	161.1	21.1	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
202	0.352	0.428	0.438	49.0	−26.3	−9.3	27.9	199.5	16.9	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
203	0.355	0.434	0.534	49.3	−17.7	−27.8	32.9	237.5	13.0	228	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
204	0.373	0.458	0.603	49.6	−14.4	−42.5	44.9	251.1	19.0	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
205	0.4	0.492	0.691	48.8	−13.3	−47.8	49.7	254.3	18.7	247	0.0	0.383	1.0	45.4	−11.6	−49.7	51.1	256.7
206	0.451	0.525	0.831	50.4	−15.6	−47.7	50.2	251.8	15.0	251	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
207	0.255	0.416	0.159	54.1	−54.2	38.2	66.3	144.7	24.1	127	0.383	1.0	0.0	60.5	−56.3	44.2	71.6	141.8
208	0.294	0.45	0.276	54.2	−57.0	38.3	68.7	146.1	33.5	137	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1
209	0.361	0.485	0.351	56.9	−61.6	39.3	73.1	147.4	46.3	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
210	0.351	0.484	0.355	57.9	−56.1	30.2	63.8	151.6	37.4	168	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147.9
211	0.347	0.488	0.392	60.9	−44.9	14.2	47.1	162.4	25.6	191	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157.6
212	0.348	0.49	0.505	61.1	−35.5	−7.0	36.2	191.1	22.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
213	0.348	0.517	0.647	57.0	−26.0	−26.1	36.9	225.0	13.2	222	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241.3
214	0.374	0.542	0.731	55.3	−17.8	−43.6	47.1	247.7	13.6	232	0.0	0.616	1.0	49.2	−19.0	−50.2	53.7	249.2
215	0.427	0.562	0.859	56.7	−17.2	−43.3	46.6	248.3	8.8	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
216	0.261	0.476	0.176	58.1	−57.2	40.7	70.2	144.5	18.9	131	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143.4
217	0.303	0.504	0.294	58.0	−59.6	40.9	72.4	145.5	27.8	140	0.183	1.0	0.0	58.5	−59.3	40.9	72.0	145.3
218	0.372	0.543	0.366	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
219	0.363	0.541	0.37	60.7	−54.4	34.6	64.5	147.5	28.7	162	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147.1
220	0.351	0.544	0.394	62.4	−49.5	24.5	55.2	153.6	21.6	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
221	0.348	0.556	0.464	64.9	−41.9	10.3	43.2	166.1	16.8	197	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164.0
222	0.338	0.549	0.584	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
223	0.324	0.619	0.756	60.9	−30.5	−27.4	41.1	221.9	11.3	219	0.0	0.816	1.0	53.0	−31.0	−43.6	53.5	234.6
224	0.366	0.627	0.871	60.9	−21.3	−41.7	46.8	242.9	6.4	228	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
225	0.269	0.555	0.2	58.8	−59.0	41.5	72.2	144.8	10.7	135	0.266	1.0	0.0	58.9	−58.6	41.5	71.9	144.7
226	0.324	0.581	0.32	57.8	−60.6	40.9	73.2	145.9	19.0	142	0.15	1.0	0.0	58.5	−59.4	40.9	72.1	145.4
227	0.385	0.608	0.393	58.5	−58.6	38.6	70.2	146.6	25.4	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
228	0.374	0.605	0.394	60.2	−55.4	34.9	65.5	147.7	20.3	159	0.0	1.0	0.183	57.8	−60.5	39.7	72.4	146.7
229	0.361	0.607	0.407	61.1	−52.6	28.9	60.0	151.1	15.2	172	0.0	1.0	0.383	57.2	−61.5	37.2	71.9	148.7
230	0.345	0.623	0.441	63.2	−46.8	18.3	50.2	158.5	9.7	187	0.0	1.0	0.616	57.3	−59.5	28.8	66.1	154.1
231	0.375	1.0	0.875	64.7	−40.3	5.0	40.6	172.9	8.4	200	0.0	1.0	0.816	59.2	−51.3	7.5	51.8	171.6
232	0.375	1.0	1.0	64.3	−34.5	−11.7	36.4	198.7	9.7	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
233	0.31	0.74	0.903	61.1	−28.2	−31.3	42.2	227.9	4.4	217	0.0	0.85	1.0	53.1	−33.5	−40.1	52.2	230.1
234	0.263	0.927	0.127	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
235	0.323	0.874	0.376	58.9	−58.1	40.4	70.8	145.1	8.8	142	0.133	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
236	0.375	1.0	0.5	60.3	−55.3	38.3	67.2	145.3	15.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
237	0.375	1.0	0.5	61.0	−53.4	35.0	63.9	146.7	11.4	157	0.0	1.0	0.15	57.9	−60.4	40.1	72.5	146.4
238	0.356	0.749	0.46	61.3	−52.2	30.7	60.6	149.5	8.8	168	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147.9
239	0.375	1.0	0.625	61.7	−50.0	24.1	55.5	154.2	6.8	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
240	0.337	1.0	0.749	62.8	−45.8	14.4	48.1	162.5	6.3	191	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157.6
241	0.375	1.0	0.875	64.0	−38.6	−2.2	38.7	183.3	6.8	202	0.0	1.0	0.85	59.6	−48.6	2.7	48.7	176.7
242	0.365	1.0	1.0	61.5	−34.6	−19.0	39.5	208.7	7.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3

Mean color difference of this page: **delta** **18.0**

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TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, $\Delta E'^*$

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

TUB registration: 20150701-RE81/RE81L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb* (RGB)

n	HIC^*_{Fdd}	$rgb_{\_Fdd}$			$ict_{\_Fdd}$			$h_{si\_F,dd}$	rgb^*_{Fdd}			$LabCh^*_{Fdd}$				
243	R00Y_037_037dd	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	27.9	23.7	15.9	28.6	33.8
244	R18Y_037_037dd	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_037dd	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_037dd	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_050dd	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_062dd	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_075dd	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_087dd	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_100dd	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_037dd	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_025dd	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_025dd	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_025dd	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_037dd	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_050dd	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_062dd	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_075dd	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_087dd	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_037dd	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_025dd	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_012dd	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_012dd	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	40.2	8.8	−1.3	8.9	351.5
265	B25R_050_025dd	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_037dd	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_050dd	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_062dd	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_075dd	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_037dd	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_025dd	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_012dd	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_037dd	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_012dd	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_025dd	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_037dd	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_050dd	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_062dd	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_050dd	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_037dd	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_025dd	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_012dd	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_012dd	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_025dd	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_037dd	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_050dd	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_062dd	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_062dd	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_050dd	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_037dd	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_025dd	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_025dd	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_025dd	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_037dd	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_050dd	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_062dd	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_075dd	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_062dd	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_050dd	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_037dd	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_037dd	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_037dd	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_037dd	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_050dd	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_062dd	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_087dd	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_075dd	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_062dd	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_050dd	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_050dd	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_050dd	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_050dd	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_050dd	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_062dd	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_100dd	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_087dd	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_075dd	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_062dd	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_062dd	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_062dd	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_062dd	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_062dd	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_062dd	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'^*_{Fdd}			$LabCh'^*_{Fdd}$					DE'^*_{Fdd}	$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
243	0.393	0.149	0.067	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	0.378	0.145	0.136	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	0.372	0.144	0.189	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	0.371	0.155	0.226	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	0.312	0.176	0.299	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	0.259	0.164	0.331	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	0.203	0.152	0.373	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	0.197	0.165	0.486	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	0.377	0.014	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	0.404	0.177	0.047	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	0.414	0.231	0.197	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	0.418	0.236	0.246	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	0.412	0.238	0.28	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	0.346	0.256	0.348	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	0.305	0.265	0.409	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	0.29	0.287	0.478	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	0.313	0.327	0.58	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	0.5	0.375	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	0.41	0.296	0.131	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	0.422	0.288	0.205	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	0.431	0.325	0.3	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	0.432	0.34	0.356	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	0.379	0.36	0.433	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	0.373	0.371	0.484	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	0.386	0.4	0.554	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	0.408	0.44	0.643	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	0.445	0.479	0.747	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	0.418	0.382	0.152	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	0.432	0.388	0.232	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	0.44	0.406	0.325	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	0.437	0.413	0.406	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	0.444	0.44	0.47	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	0.467	0.482	0.551	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	0.484	0.5	0.607	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	0.503	0.523	0.685	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	0.544	0.56	0.818	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	0.358	0.409	0.161	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	0.369	0.422	0.256	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	0.379	0.446	0.347	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	0.444	0.476	0.424	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	0.442	0.479	0.479	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	0.464	0.501	0.567	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	0.476	0.51	0.617	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	0.498	0.532	0.696	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	0.544	0.566	0.829	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	0.324	0.442	0.167	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	0.327	0.457	0.273	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	0.37	0.486	0.349	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	0.451	0.538	0.445	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	0.439	0.536	0.455	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	0.444	0.533	0.546	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	0.457	0.545	0.654	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	0.481	0.568	0.727	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	0.528	0.59	0.847	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	0.292	0.483	0.173	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	0.328	0.51	0.289	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	0.543	0.365	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	0.45	0.588	0.455	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	0.438	0.585	0.458	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	0.426	0.588	0.498	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	0.433	0.584	0.614	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	0.445	0.629	0.767	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	0.494	0.621	0.858	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	0.305	0.566	0.183	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	0.343	0.583	0.313	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	0.387	0.608	0.393	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	0.455	0.659	0.472	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	0.441	0.655	0.475	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	0.419	0.656	0.498	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	0.42	0.672	0.577	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	0.421	0.671	0.708	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	0.432	0.715	0.872	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	0.334	0.877	0.014	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	0.376	0.749	0.291	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	0.5	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	0.472	0.749	0.501	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	0.454	0.749	0.501	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	0.427	0.749	0.501	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	0.396	1.0	0.749	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	0.875	0.75	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	0.452	0.994	0.991	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** **16.9**

1−1032234−F0 RE810−7N, Page 23/33−F

TUB-test chart RE81; 16 step hue circle, cf=1
colors and differences, $\Delta E'^*$

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

1−1032234−F0

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 24/33

n	HIC*$_{Fdd}$	*rgb*$_{\_Fdd}$			*ict*$_{\_Fdd}$			$h_{si\_F,dd}$	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'**$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
324	R00Y_050_050dd	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	31.9	31.6	21.2	38.1	33.8	0.487	0.158	0.087	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_050dd	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	0.482	0.157	0.145	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_050dd	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	0.493	0.159	0.211	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_050dd	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	0.501	0.158	0.262	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_050dd	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	0.49	0.17	0.292	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_062dd	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	0.396	0.197	0.354	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_075dd	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	0.34	0.189	0.401	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_087dd	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	0.297	0.173	0.462	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_100dd	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_050dd	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	0.497	0.176	0.061	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_037dd	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	0.516	0.251	0.207	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_037dd	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	0.516	0.251	0.246	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_037dd	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	0.504	0.249	0.294	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_037dd	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	0.494	0.261	0.329	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_050dd	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	0.42	0.285	0.408	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_062dd	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	0.367	0.271	0.449	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_075dd	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	0.329	0.279	0.522	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_087dd	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	0.408	0.342	0.727	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_050dd	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	0.507	0.279	0.126	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_037dd	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	0.519	0.275	0.197	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_025dd	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	0.525	0.332	0.295	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_025dd	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	0.519	0.338	0.346	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_025dd	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	0.518	0.346	0.387	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_037dd	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	0.445	0.36	0.462	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_050dd	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	0.402	0.365	0.521	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_062dd	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	0.409	0.412	0.618	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_075dd	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	0.448	0.46	0.749	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_050dd	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	0.513	0.408	0.154	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_037dd	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	0.525	0.395	0.226	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_025dd	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	0.533	0.383	0.298	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_012dd	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	0.537	0.421	0.396	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_012dd	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	0.53	0.431	0.447	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_025dd	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	0.477	0.462	0.535	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_037dd	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	0.484	0.489	0.602	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_050dd	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	0.504	0.515	0.678	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_062dd	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	0.544	0.553	0.811	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_050dd	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	0.508	0.473	0.165	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_037dd	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	0.527	0.478	0.259	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_025dd	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	0.537	0.491	0.336	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_012dd	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	0.545	0.51	0.425	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_050dd	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	0.542	0.524	0.517	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_012dd	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	0.547	0.542	0.575	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_025dd	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	0.561	0.575	0.653	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_037dd	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	0.573	0.6	0.726	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_050dd	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	0.624	0.625	0.835	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_062dd	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	0.45	0.498	0.174	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_050dd	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	0.458	0.508	0.28	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_037dd	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	0.47	0.525	0.357	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_025dd	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	0.475	0.545	0.446	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_012dd	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	0.538	0.573	0.527	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_012dd	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	0.538	0.569	0.575	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_025dd	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	0.555	0.593	0.671	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_037dd	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	0.566	0.613	0.736	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_050dd	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	0.623	0.634	0.845	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_075dd	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	0.408	0.53	0.172	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_062dd	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	0.417	0.541	0.29	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_050dd	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	0.417	0.557	0.367	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_037dd	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	0.462	0.59	0.454	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_025dd	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	0.535	0.628	0.54	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_025dd	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	0.523	0.624	0.549	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_025dd	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	0.536	0.635	0.655	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_037dd	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	0.554	0.647	0.774	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_050dd	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	0.606	0.665	0.864	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_087dd	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	0.384	0.584	0.167	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_075dd	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	0.382	0.587	0.303	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_062dd	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	0.418	0.615	0.388	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_050dd	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	0.458	0.658	0.471	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_037dd	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	0.539	0.705	0.566	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_037dd	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	0.527	0.702	0.568	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_037dd	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	0.514	0.705	0.612	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_037dd	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	0.527	0.695	0.732	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_050dd	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	0.56	0.722	0.887	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_100dd	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
397	Y58G_100_087dd	0.5	1.0	0.125	1.0	0.875	0.562	125	0.489	1.0	0.125	65.3	−48.7	39.2	62.5	141.1	0.409	0.749	0.296	62.6	−52.8	46.5	70.4	138.5	8.8	125	0.416	1.0	0.0	60.9	−55.6	44.8	71.4	141.1
398	Y68G_100_075dd	0.5	1.0	0.25	1.0	0.75	0.625	131	0.487	1.0	0.25	68.8	−43.2	32.0	53.8	143.4	0.375	1.0	0.5	64.8	−48.8	41.9	64.3	139.3	12.0	131	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143.4
399	Y81G_100_062dd	0.5	1.0	0.375	1.0	0.625	0.687	139	0.489	1.0	0.375	72.7	−37.0	25.6	45.0	145.3	0.475	0.749	0.501	68.5	−42.5	34.8	55.0	140.6	11.5	140	0.183	1.0	0.0	58.5	−59.3	40.9	72.0	145.3
400	G00B_100_050dd	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	0.6	0.874	0.623	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
401	G11B_100_050dd	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.616	77.0	−30.2	19.5	36.0	147.1	0.584	0.874	0.623	72.8	−34.5	21.9	40.9	147.5	6.4	162	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147.1
402	G25B_100_050dd	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.75	76.7	−30.3	16.3	34.4	151.6	0.562	0.874	0.683	75.5	−30.1	13.8	33.1	155.3	2.8	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
403	G38B_100_050dd	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.883	77.5	−27.2	7.7	28.2	164.0	0.549	0.874	0.749	75.2	−27.3	2.2	27.4	175.3	5.9	197	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164.0
404	G50B_100_050dd	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	0.545	0.84	0.872	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

Mean color difference of this page: delta 15.9

1−1032334−F0

RE810−7N, Page 24/33−F

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, Δ*E'**

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

1−1032334−F0

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 25/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
405	R00Y_062_062dd	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	36.0	39.5	26.5	47.6	33.8	0.594	0.176	0.116	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_062dd	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	0.596	0.179	0.163	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_062dd	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	0.601	0.179	0.231	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_062dd	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	0.601	0.173	0.289	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_062dd	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	0.596	0.172	0.334	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_062dd	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	0.583	0.201	0.361	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_075dd	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	0.483	0.233	0.422	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_087dd	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	0.425	0.226	0.473	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_100dd	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	0.516	0.146	0.797	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_062dd	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	0.596	0.199	0.098	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_050dd	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	0.607	0.282	0.225	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_050dd	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	0.606	0.282	0.261	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_050dd	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	0.6	0.284	0.321	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_050dd	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	0.598	0.285	0.367	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_050dd	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	0.593	0.296	0.398	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_062dd	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	0.506	0.316	0.47	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_075dd	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	0.459	0.311	0.537	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_087dd	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	0.25	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_062dd	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	0.594	0.278	0.117	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_050dd	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	0.61	0.293	0.21	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_037dd	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	0.624	0.347	0.297	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_037dd	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	0.621	0.35	0.341	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_037dd	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	0.617	0.351	0.398	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_037dd	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	0.609	0.36	0.433	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_050dd	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	0.526	0.386	0.515	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_062dd	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	0.489	0.39	0.581	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_075dd	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	0.501	0.413	0.749	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_062dd	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	0.605	0.401	0.146	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_050dd	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	0.618	0.372	0.208	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_037dd	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	0.63	0.364	0.28	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_025dd	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	0.635	0.426	0.387	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_025dd	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	0.626	0.434	0.442	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_025dd	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	0.624	0.446	0.487	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_037dd	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	0.558	0.471	0.575	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_050dd	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	0.524	0.484	0.649	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_062dd	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	0.551	0.533	0.793	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_062dd	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	0.613	0.505	0.158	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_050dd	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	0.626	0.497	0.248	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_037dd	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	0.633	0.491	0.319	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_025dd	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	0.638	0.481	0.391	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_012dd	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	0.645	0.526	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_012dd	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	0.635	0.529	0.547	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_025dd	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	0.572	0.555	0.632	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_037dd	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	0.577	0.59	0.72	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_050dd	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	0.619	0.831	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_062dd	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	0.606	0.565	0.162	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_050dd	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	0.618	0.569	0.276	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_037dd	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	0.624	0.572	0.347	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_025dd	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	0.631	0.585	0.432	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_012dd	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	0.64	0.609	0.532	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_062dd	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	0.647	0.638	0.635	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_012dd	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	0.649	0.651	0.695	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_025dd	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	0.668	0.68	0.775	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_037dd	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	0.699	0.704	0.855	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_075dd	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	0.556	0.6	0.179	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_062dd	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	0.559	0.602	0.296	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_050dd	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	0.558	0.603	0.366	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_037dd	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	0.555	0.615	0.452	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_025dd	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	0.561	0.641	0.545	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_012dd	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	0.643	0.689	0.648	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_012dd	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	0.636	0.677	0.694	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_025dd	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	0.665	0.698	0.794	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_037dd	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	0.689	0.713	0.861	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_087dd	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	0.514	0.644	0.17	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_075dd	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	0.514	0.641	0.305	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_062dd	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	0.517	0.648	0.379	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_050dd	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	0.623	0.874	0.623	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_037dd	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	0.552	0.706	0.566	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_025dd	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	0.639	0.745	0.667	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_025dd	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	0.623	0.749	0.668	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_025dd	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	0.642	0.742	0.775	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_037dd	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	0.661	0.741	0.869	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_100dd	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	0.613	0.941	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_087dd	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	0.62	0.998	0.259	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_075dd	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	0.558	0.874	0.414	69.2	−42.8	45.7	62.7	133.0	11.4	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
480	Y61G_100_062dd	0.625	1.0	0.375	1.0	0.625	0.687	127	0.614	1.0	0.375	74.0	−35.2	27.6	44.7	141.8	0.514	0.749	0.497	71.4	−38.5	35.4	52.3	137.3	8.8	127	0.383	1.0	0.0	60.5	−56.3	44.2	71.6	141.8
481	Y76G_100_050dd	0.625	1.0	0.5	1.0	0.5	0.75	136	0.616	1.0	0.5	77.5	−29.5	20.5	35.9	145.1	0.603	0.874	0.623	76.3	−31.0	27.8	41.7	138.1	7.5	137	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1
482	G00B_100_037dd	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	0.666	0.873	0.719	78.6	−27.4	20.6	34.3	143.1	8.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
483	G15B_100_037dd	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.743	81.7	−22.9	14.3	27.0	147.9	0.654	0.874	0.724	80.8	−23.7	14.3	27.7	148.9	1.2	168	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147.9
484	G34B_100_037dd	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.881	81.9	−21.6	8.8	23.3	157.6	0.644	0.874	0.774	81.3	−20.9	5.7	21.7	164.7	3.2	191	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157.6
485	G50B_100_037dd	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	0.646	0.846	0.886	80.5	−17.1	−8.5	19.1	206.5	2.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
																	Mean color difference of this page:							delta	14.9									

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RE810−7N, Page 25/33−F

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, $\Delta E'^*$

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

TUB registration: 20150701-RE81/RE81L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb* (RGB)

n	HIC^*_{Fdd}	rgb_{Fdd}			ict_{Fdd}			$h_{si\_F,dd}$	rgb^*_{Fdd}			$LabCh^*_{Fdd}$					rgb'^*_{Fdd}			$LabCh'^*_{Fdd}$					DE'^*_{Fdd}	$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
486	R00Y_075_075dd	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	0.694	0.222	0.155	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_075dd	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	0.695	0.233	0.197	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_075dd	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	0.7	0.234	0.26	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_075dd	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	0.701	0.228	0.325	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_075dd	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	0.706	0.221	0.375	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_075dd	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	0.701	0.22	0.418	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_075dd	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	0.681	0.257	0.438	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_087dd	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	0.875	0.25	1.0	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_100dd	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	0.741	0.195	0.911	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_075dd	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	0.684	0.25	0.155	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_062dd	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	0.711	0.305	0.246	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_062dd	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	0.709	0.307	0.281	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_062dd	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	0.704	0.308	0.338	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_062dd	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	0.706	0.307	0.395	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_062dd	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	0.702	0.308	0.439	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_062dd	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	0.695	0.321	0.466	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_075dd	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	0.875	0.375	1.0	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_087dd	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	0.574	0.356	0.625	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_075dd	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	0.689	0.284	0.131	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_062dd	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	0.712	0.313	0.231	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_050dd	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	0.722	0.366	0.314	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_050dd	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	0.719	0.368	0.351	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_050dd	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	0.716	0.372	0.414	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_050dd	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	0.715	0.376	0.464	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_050dd	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	0.712	0.393	0.5	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_062dd	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	0.875	0.5	1.0	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_075dd	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	0.628	0.437	0.719	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_075dd	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	0.698	0.38	0.138	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_062dd	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	0.713	0.358	0.21	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_050dd	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	0.725	0.373	0.297	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_037dd	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	0.737	0.443	0.397	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_037dd	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	0.733	0.452	0.446	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_037dd	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	0.736	0.459	0.508	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_037dd	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	0.732	0.473	0.55	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_050dd	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	0.633	0.489	0.622	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_062dd	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	0.626	0.507	0.729	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_075dd	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	0.706	0.504	0.146	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_062dd	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	0.717	0.488	0.239	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_050dd	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	0.728	0.467	0.309	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_037dd	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	0.742	0.462	0.381	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_025dd	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	0.754	0.535	0.503	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_025dd	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	0.747	0.551	0.564	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_025dd	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	0.749	0.571	0.613	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_037dd	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	0.668	0.581	0.701	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_050dd	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	0.652	0.596	0.813	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_075dd	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	0.702	0.606	0.164	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_062dd	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	0.721	0.604	0.285	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_050dd	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	0.736	0.601	0.355	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_037dd	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	0.749	0.6	0.435	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_025dd	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	0.757	0.595	0.517	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_012dd	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	0.767	0.652	0.629	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_012dd	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	0.759	0.655	0.678	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_025dd	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	0.674	0.661	0.751	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_037dd	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	0.704	0.695	0.853	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_075dd	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	0.706	0.668	0.158	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_062dd	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	0.723	0.674	0.302	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_050dd	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	0.738	0.679	0.379	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_037dd	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	0.749	0.692	0.471	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_025dd	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	0.762	0.715	0.568	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_012dd	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	0.774	0.747	0.673	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_075dd	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	0.77	0.762	0.763	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_012dd	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	0.769	0.764	0.816	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_025dd	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	0.769	0.768	0.87	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_087dd	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	0.654	0.717	0.16	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_075dd	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	0.662	0.714	0.313	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_062dd	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	0.661	0.714	0.394	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_050dd	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	0.656	0.718	0.478	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_037dd	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	0.661	0.736	0.576	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_025dd	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	0.683	0.781	0.685	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_012dd	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	0.762	0.813	0.778	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_012dd	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	0.758	0.793	0.816	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_025dd	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	0.8	0.827	0.975	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_100dd	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	0.685	0.874	0.125	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
559	Y26G_100_087dd	0.75	1.0	0.125	1.0	0.875	0.562	106	0.766	1.0	0.125	76.3	−34.2	55.8	65.5	121.5	0.671	0.86	0.295	75.0	−37.4	63.1	73.4	120.6	8.0	104	0.733	1.0	0.0	73.4	−39.1	63.8	74.8	121.5
560	Y31G_100_075dd	0.75	1.0	0.25	1.0	0.75	0.625	109	0.762	1.0	0.25	77.0	−31.9	44.5	54.7	125.6	0.666	0.855	0.405	76.8	−35.0	57.7	67.5	121.2	13.5	108	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125.6
561	Y38G_100_062dd	0.75	1.0	0.375	1.0	0.625	0.687	113	0.76	1.0	0.375	77.9	−29.0	33.4	44.3	131.0	0.658	0.855	0.511	78.0	−32.2	45.1	55.4	125.4	12.1	112	0.616	1.0	0.0	66.9	−46.5	53.5	70.9	131.0
562	Y50G_100_050dd	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	0.645	0.871	0.613	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
563	Y68G_100_037dd	0.75	1.0	0.625	1.0	0.375	0.812	131	0.743	1.0	0.625	82.6	−21.6	16.0	26.9	143.4	0.677	0.87	0.716	83.0	−23.5	27.0	35.8	131.1	11.1	131	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143.4
564	G00B_100_025dd	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	86.9	−14.8	10.2	18.0	145.5	0.752	0.87	0.796	84.9	−20.4	19.8	28.5	135.8	11.3	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
565	G25B_100_025dd	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.875	86.5	−15.1	8.1	17.2	151.6	0.74	0.87	0.808	86.6	−16.2	9.8	19.0	148.8	1.9	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
566	G50B_100_025dd	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	0.756	0.864	0.913	86.0	−11.9	−5.8	13.3	205.8	1.9	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3

Mean color difference of this page: delta 15.2

1-1032534-F0 RE810-7N, Page 26/33-F

TUB-test chart RE81; 16 step hue circle, cf=1
colors and differences, $\Delta E'^*$

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

see similar files: http://130.149.60.45/~farbmetrik/RE81/RE81.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-1032534-F0

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 27/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			$h_{si\_F,dd}$	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	$h_{siM,dd}$	rgb*Mdd			LabCh*Mdd				
567	R00Y_087_087dd	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	44.0	55.4	37.2	66.7	33.8	0.875	0.0	0.125	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_087dd	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	0.801	0.257	0.213	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_087dd	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_087dd	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	0.781	0.25	0.351	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_087dd	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	0.802	0.251	0.405	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_087dd	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	0.803	0.239	0.452	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_087dd	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	0.795	0.253	0.486	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_087dd	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	0.792	0.272	0.515	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_100dd	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	0.861	0.224	0.896	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_087dd	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	0.0	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_075dd	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	0.749	0.0	0.0	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_075dd	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	0.807	0.329	0.296	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_075dd	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	0.805	0.328	0.354	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_075dd	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	0.805	0.329	0.42	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_075dd	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	0.805	0.329	0.469	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_075dd	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	0.809	0.333	0.52	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_075dd	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	1.0	0.375	1.0	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_087dd	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	0.752	0.398	0.678	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_087dd	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	0.795	0.282	0.132	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_075dd	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	0.808	0.334	0.252	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_062dd	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	0.816	0.4	0.338	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_062dd	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	0.816	0.401	0.372	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_062dd	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	0.814	0.406	0.434	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_062dd	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	0.819	0.409	0.498	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_062dd	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	0.82	0.413	0.549	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_062dd	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	0.815	0.43	0.581	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_075dd	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	0.768	0.476	0.718	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_087dd	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	0.793	0.37	0.126	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_075dd	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	0.806	0.371	0.223	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_062dd	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	0.819	0.409	0.326	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_050dd	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	0.838	0.469	0.416	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_050dd	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	0.836	0.474	0.458	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_050dd	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	0.836	0.48	0.527	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_050dd	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	0.833	0.487	0.58	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_050dd	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	0.828	0.505	0.615	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_062dd	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	0.765	0.547	0.742	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_087dd	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	0.807	0.494	0.133	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_075dd	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	0.81	0.472	0.245	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_062dd	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	0.825	0.457	0.314	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_050dd	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	0.842	0.476	0.397	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_037dd	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	0.857	0.547	0.507	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_037dd	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	0.849	0.56	0.559	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_037dd	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	0.849	0.572	0.623	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_037dd	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	0.844	0.583	0.669	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_050dd	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	0.771	0.615	0.775	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_087dd	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	0.813	0.614	0.149	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_075dd	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	0.826	0.604	0.281	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_062dd	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	0.837	0.591	0.343	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_050dd	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	0.848	0.568	0.409	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_037dd	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	0.862	0.567	0.492	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_025dd	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	0.867	0.647	0.614	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_025dd	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	0.854	0.659	0.674	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_025dd	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	0.849	0.673	0.723	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_037dd	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	0.794	0.691	0.842	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_087dd	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	0.808	0.721	0.159	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_075dd	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	0.829	0.725	0.313	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_062dd	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	0.845	0.717	0.388	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_050dd	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	0.853	0.714	0.466	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_037dd	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	0.863	0.714	0.548	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_025dd	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	0.869	0.712	0.633	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_012dd	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	0.881	0.768	0.743	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_012dd	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	0.865	0.766	0.796	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_025dd	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	0.785	0.755	0.859	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_087dd	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	0.823	0.798	0.125	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_075dd	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	0.84	0.802	0.322	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_062dd	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	0.85	0.8	0.41	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_050dd	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	0.861	0.805	0.493	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_037dd	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	0.869	0.818	0.586	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_025dd	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	0.834	0.682	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_012dd	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	0.876	0.851	0.777	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_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	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_012dd	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	0.887	0.885	0.983	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_100dd	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	0.884	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_087dd	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	0.838	0.947	0.29	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_075dd	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	0.799	0.874	0.423	85.2	−25.9	69.8	74.4	110.3	12.3	97	0.85	1.0	0.0	81.9	−29.8	77.3	82.8	111.1
642	Y18G_100_062dd	0.875	1.0	0.375	1.0	0.625	0.687	101	0.885	1.0	0.375	85.7	−20.5	45.8	50.2	114.1	0.799	0.873	0.518	87.0	−23.1	57.1	61.6	112.0	11.6	99	0.816	1.0	0.0	79.4	−32.8	73.4	80.4	114.1
643	Y23G_100_050dd	0.875	1.0	0.5	1.0	0.5	0.75	104	0.883	1.0	0.5	86.0	−18.3	33.6	38.3	118.6	0.794	0.872	0.613	88.5	−20.5	45.2	49.6	114.4	12.0	102	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6
644	Y31G_100_037dd	0.875	1.0	0.625	1.0	0.375	0.812	109	0.881	1.0	0.625	86.7	−15.9	22.2	27.3	125.6	0.784	0.873	0.709	88.0	−19.7	34.7	39.9	119.5	13.0	108	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125.6
645	Y50G_100_025dd	0.875	1.0	0.75	1.0	0.25	0.875	120	0.875	1.0	0.75	87.7	−13.4	11.5	17.7	139.3	0.797	0.953	0.831	90.0	−15.9	24.9	29.6	122.6	13.7	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
646	G00B_100_012dd	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	0.878	0.983	0.929	92.0	−10.7	13.2	17.1	129.0	8.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
647	G50B_100_012dd	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	0.967	0.986	92.1	−5.7	−2.9	6.4	207.4	0.9	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3

Mean color difference of this page: delta 14.6

1−1032634−F0 RE810−7N, Page 27/33−F

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, $\Delta E'^*$

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

1−1032634−F0

n	HIC*$_{Fdd}$	rgb_$_{Fdd}$			ict_$_{Fdd}$			$h_{si\_F,dd}$	rgb*$_{Fdd}$			LabCh*$_{Fdd}$					rgb'*$_{Fdd}$			LabCh'*$_{Fdd}$					DE'*$_{Fdd}$	$h_{siM,dd}$	rgb*$_{Mdd}$			LabCh*$_{Mdd}$				
648	R00Y_100_100dd	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	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_100dd	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	0.116	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_100dd	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	0.996	0.125	0.259	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_100dd	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	0.006	0.368	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_100dd	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	0.999	0.0	0.501	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_100dd	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	0.008	0.632	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_100dd	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	0.035	0.76	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_100dd	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	0.999	0.001	0.882	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_100dd	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_100dd	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	0.115	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_087dd	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	0.376	0.3	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_087dd	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	0.376	0.337	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_087dd	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	0.375	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_087dd	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	0.383	0.491	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_087dd	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	0.874	0.36	0.501	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_087dd	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	0.361	0.684	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_087dd	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	0.361	0.759	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_087dd	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	0.998	0.384	0.818	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_100dd	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	0.231	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_087dd	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	0.375	0.25	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_075dd	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	0.874	0.431	0.36	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_075dd	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	0.874	0.431	0.376	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_075dd	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	0.479	0.496	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_075dd	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	0.453	0.623	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_075dd	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	0.452	0.706	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_075dd	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	0.453	0.786	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_075dd	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	0.473	0.828	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_100dd	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	0.366	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_087dd	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	0.875	0.375	0.25	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_075dd	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	0.874	0.438	0.35	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_062dd	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	0.501	0.478	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_062dd	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	0.5	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_062dd	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	0.5	0.5	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_062dd	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	0.5	0.625	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_062dd	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	0.538	0.792	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_062dd	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	0.556	0.829	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_100dd	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	0.501	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_087dd	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	0.501	0.254	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_075dd	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	0.874	0.468	0.328	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_062dd	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_050dd	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	0.602	0.536	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_050dd	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	0.602	0.609	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_050dd	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	0.623	0.72	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_050dd	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	0.619	0.788	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_050dd	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	0.638	0.83	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_100dd	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	0.632	0.125	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_087dd	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	0.623	0.258	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_075dd	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	0.614	0.348	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_062dd	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	0.875	0.5	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_050dd	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	0.61	0.501	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_037dd	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	0.673	0.642	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_037dd	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	0.688	0.708	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_037dd	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	0.703	0.791	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_037dd	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	0.721	0.842	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_100dd	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	0.765	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_087dd	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	0.749	0.277	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_075dd	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	0.749	0.38	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_062dd	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	0.735	0.464	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_050dd	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	0.701	0.53	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_037dd	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	0.69	0.612	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_025dd	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	0.773	0.745	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_025dd	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	0.79	0.817	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_025dd	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	0.805	0.868	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_100dd	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	0.882	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_087dd	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	0.91	0.216	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_075dd	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	0.375	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_062dd	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	0.5	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_050dd	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	0.874	0.613	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_037dd	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	0.844	0.672	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_025dd	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	0.823	0.748	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_012dd	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	0.874	0.846	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_012dd	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	0.921	0.976	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_100dd	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
721	Y00G_100_087dd	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	0.984	0.229	92.9	−17.6	92.5	94.1	100.8	9.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
722	Y00G_100_075dd	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	0.978	0.376	93.3	−17.3	81.3	83.1	102.0	10.7	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
723	Y00G_100_062dd	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	0.966	0.501	93.5	−16.8	72.5	74.4	103.0	14.2	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
724	Y00G_100_050dd	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	0.963	0.623	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
725	Y00G_100_037dd	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	0.955	0.744	94.5	−14.2	50.4	52.4	105.7	16.6	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
726	Y00G_100_025dd	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	0.976	0.854	94.9	−11.9	37.9	39.7	107.5	16.0	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
727	Y00G_100_012dd	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	0.99	0.934	95.5	−8.1	22.8	24.2	109.5	12.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
728	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta** **11.2**

1−1032734−F0

RE810−7N, Page 28/33−F

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, $\Delta E'^*$

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

TUB registration: 20150701-RE81/RE81L0FA.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/RE81/RE81.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−1032734−F0

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 29/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd				
729	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
730	G50B_100_012dd	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
731	G50B_100_025dd	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
732	G50B_100_037dd	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
733	G50B_100_050dd	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
734	G50B_100_062dd	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
735	G50B_100_075dd	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
736	G50B_100_087dd	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
737	G50B_100_100dd	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
738	R00Y_100_012dd	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
739	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0
740	G50B_087_012dd	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
741	G50B_087_025dd	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
742	G50B_087_037dd	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
743	G50B_087_050dd	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
744	G50B_087_062dd	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
745	G50B_087_075dd	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
746	G50B_087_087dd	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
747	R00Y_100_025dd	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
748	R00Y_087_012dd	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
749	NW_075dd	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
750	G50B_075_012dd	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
751	G50B_075_025dd	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
752	G50B_075_037dd	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
753	G50B_075_050dd	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
754	G50B_075_062dd	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
755	G50B_075_075dd	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
756	R00Y_100_037dd	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
757	R00Y_087_025dd	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
758	R00Y_075_012dd	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
759	NW_062dd	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
760	G50B_062_012dd	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
761	G50B_062_025dd	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
762	G50B_062_037dd	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
763	G50B_062_050dd	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
764	G50B_062_062dd	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
765	R00Y_100_050dd	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
766	R00Y_087_037dd	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
767	R00Y_075_025dd	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
768	R00Y_062_012dd	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	60.1	7.9	5.3	9.5	33.8
769	NW_050dd	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
770	G50B_050_012dd	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
771	G50B_050_025dd	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
772	G50B_050_037dd	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
773	G50B_050_050dd	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
774	R00Y_100_062dd	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
775	R00Y_087_050dd	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
776	R00Y_075_037dd	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
777	R00Y_062_025dd	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	54.0	15.8	10.6	19.0	33.8
778	R00Y_050_012dd	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
779	NW_037dd	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
780	G50B_037_012dd	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
781	G50B_037_025dd	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
782	G50B_037_037dd	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
783	R00Y_100_075dd	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
784	R00Y_087_062dd	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
785	R00Y_075_050dd	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
786	R00Y_062_037dd	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
787	R00Y_050_025dd	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	44.0	15.8	10.6	19.0	33.8
788	R00Y_037_012dd	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
789	NW_025dd	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
790	G50B_025_012dd	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
791	G50B_025_025dd	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
792	R00Y_100_087dd	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
793	R00Y_087_075dd	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
794	R00Y_075_062dd	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
795	R00Y_062_050dd	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
796	R00Y_050_037dd	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
797	R00Y_037_025dd	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
798	R00Y_025_012dd	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
799	NW_012dd	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
800	G50B_012_012dd	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	20.9	−5.0	−2.7	5.7	208.3
801	R00Y_100_100dd	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
802	R00Y_087_087dd	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
803	R00Y_075_075dd	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
804	R00Y_062_062dd	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
805	R00Y_050_050dd	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
806	R00Y_037_037dd	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
807	R00Y_025_025dd	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	23.8	15.8	10.6	19.0	33.8
808	R00Y_012_012dd	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
809	NW_000dd	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

n	rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
729	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	0.875	0.967	0.986	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	0.756	0.864	0.913	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	0.646	0.846	0.886	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	0.545	0.84	0.872	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	0.452	0.994	0.991	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	0.365	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	0.25	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	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	1.0	0.874	0.846	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	0.87	0.871	0.871	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	0.758	0.793	0.816	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	0.642	0.742	0.775	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	0.527	0.695	0.732	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	0.421	0.671	0.708	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	0.375	1.0	1.0	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	0.25	1.0	1.0	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	0.125	1.0	1.0	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	1.0	0.773	0.745	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	0.881	0.768	0.743	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	0.77	0.762	0.763	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	0.636	0.677	0.694	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	0.536	0.635	0.655	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	0.433	0.584	0.614	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	0.338	0.549	0.584	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	0.255	0.525	0.559	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	0.194	0.46	0.504	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	1.0	0.673	0.642	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	0.867	0.647	0.614	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	0.767	0.652	0.629	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	0.647	0.638	0.635	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	0.538	0.569	0.575	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	0.444	0.533	0.546	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	0.348	0.49	0.505	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	0.264	0.449	0.472	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	0.19	0.4	0.435	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	1.0	0.602	0.536	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	0.857	0.547	0.507	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	0.754	0.535	0.503	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	0.645	0.526	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	0.542	0.524	0.517	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	0.442	0.479	0.479	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	0.352	0.428	0.438	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	0.272	0.402	0.416	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	0.197	0.349	0.374	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	1.0	0.501	0.478	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	0.838	0.469	0.416	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	0.737	0.443	0.397	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	0.635	0.426	0.387	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	0.537	0.421	0.396	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	0.437	0.413	0.406	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	0.36	0.396	0.397	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	0.273	0.345	0.348	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	0.181	0.282	0.298	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	0.874	0.431	0.36	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	0.816	0.4	0.338	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	0.722	0.366	0.314	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	0.624	0.347	0.297	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	0.525	0.332	0.295	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	0.431	0.325	0.3	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	0.338	0.313	0.302	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	0.264	0.288	0.286	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	0.181	0.247	0.254	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	1.0	0.376	0.3	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	0.749	0.0	0.0	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	0.711	0.305	0.246	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	0.607	0.282	0.225	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	0.516	0.251	0.207	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	0.414	0.231	0.197	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	0.331	0.234	0.21	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	0.264	0.257	0.25	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	0.13	0.15	0.152	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	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	0.875	0.0	0.125	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	33.8
803	0.694	0.222	0.155	36.9	47.9	32.1	57.7	33.8	3.1	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
804	0.594	0.176	0.116	31.8	41.3	28.5	50.2	34.6	4.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
805	0.487	0.158	0.087	27.2	33.0	22.7	40.1	34.5	5.1	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
806	0.393	0.149	0.067	22.9	23.2	14.2	27.2	31.4	5.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
807	0.316	0.137	0.062	20.0	19.5	6.1	20.5	17.4	6.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
808	0.235	0.108	0.047	17.0	1.9	0.5	2.0	14.4	8.1	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
809	0.0	0.0	0.0	12.7	0.0	0.1	0.1	81.5	3.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: delta **11.7**

1-1032834-F0 RE810-7N, Page 29/33-F

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, $\Delta E'*$

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

1-1032834-F0

TUB registration: 20150701-RE81/RE81L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb* (RGB)

n	HIC^*_{Fdd}	rgb_{Fdd}			ict_{Fdd}			$h_{si\_F,dd}$	rgb^*_{Fdd}			$LabCh^*_{Fdd}$					rgb'^*_{Fdd}			$LabCh'^*_{Fdd}$					DE'^*_{Fdd}	$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
810	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	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_012dd	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	0.887	0.885	0.983	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_025dd	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	0.769	0.768	0.87	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_037dd	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	0.699	0.704	0.855	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_050dd	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	0.624	0.625	0.835	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_062dd	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	0.544	0.56	0.818	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_075dd	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	0.441	0.486	0.749	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_087dd	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	0.379	0.402	0.739	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_100dd	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	0.125	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_012dd	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	0.99	0.934	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_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	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_012dd	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	0.769	0.764	0.816	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_025dd	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	0.668	0.68	0.775	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_037dd	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	0.573	0.6	0.726	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_050dd	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	0.503	0.523	0.685	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_062dd	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	0.41	0.449	0.653	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_075dd	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	0.315	0.359	0.597	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_087dd	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	0.177	0.233	0.524	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_025dd	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	0.976	0.854	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_012dd	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	0.876	0.851	0.777	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_075dd	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	0.77	0.762	0.763	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_012dd	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	0.649	0.651	0.695	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_025dd	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	0.561	0.575	0.653	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_037dd	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	0.484	0.5	0.607	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_050dd	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	0.386	0.409	0.561	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_062dd	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	0.284	0.32	0.5	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_075dd	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	0.177	0.215	0.445	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_037dd	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	0.955	0.744	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_025dd	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	0.834	0.682	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_012dd	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	0.774	0.747	0.673	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_062dd	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	0.647	0.638	0.635	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_012dd	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	0.547	0.542	0.575	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_025dd	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	0.467	0.482	0.551	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_037dd	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	0.371	0.381	0.489	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_050dd	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	0.284	0.306	0.445	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_062dd	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	0.174	0.201	0.371	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_050dd	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	0.963	0.623	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_037dd	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	0.869	0.818	0.586	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_025dd	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	0.762	0.715	0.568	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_012dd	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	0.64	0.609	0.532	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_050dd	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	0.542	0.524	0.517	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_012dd	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	0.444	0.44	0.47	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_025dd	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	0.37	0.377	0.447	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_037dd	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	0.284	0.293	0.39	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_050dd	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	0.171	0.184	0.318	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_062dd	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	0.966	0.501	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_050dd	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	0.861	0.805	0.493	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_037dd	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	0.749	0.692	0.471	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_025dd	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	0.631	0.585	0.432	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_012dd	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	0.545	0.51	0.425	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_037dd	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	0.437	0.413	0.406	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_012dd	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	0.368	0.372	0.403	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_025dd	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	0.276	0.273	0.334	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_037dd	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	0.168	0.17	0.263	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_075dd	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	0.978	0.376	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_062dd	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	0.85	0.8	0.41	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_050dd	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	0.738	0.679	0.379	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_037dd	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	0.624	0.572	0.347	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_025dd	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	0.537	0.491	0.336	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_012dd	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	0.44	0.406	0.325	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_025dd	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	0.338	0.313	0.302	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_012dd	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	0.27	0.263	0.29	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_025dd	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	0.148	0.14	0.2	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_087dd	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	0.984	0.229	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_075dd	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	0.84	0.802	0.322	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_062dd	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	0.723	0.674	0.302	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_050dd	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	0.618	0.569	0.276	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_037dd	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	0.527	0.478	0.259	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_025dd	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	0.432	0.388	0.232	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_012dd	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	0.337	0.305	0.221	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_012dd	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	0.264	0.257	0.25	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_012dd	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	0.13	0.127	0.157	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_100dd	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_087dd	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	0.823	0.798	0.125	89.1	−17.5	90.7	92.4	100.9	9.7	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
884	Y00G_075_075dd	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	0.706	0.668	0.158	80.7	−16.8	81.6	83.3	101.6	12.9	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
885	Y00G_062_062dd	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	0.606	0.565	0.162	68.8	−15.3	68.4	70.1	102.6	11.0	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
886	Y00G_050_050dd	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	0.508	0.473	0.165	54.6	−12.7	53.1	54.6	103.4	6.8	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
887	Y00G_037_037dd	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	0.418	0.382	0.152	40.9	−10.4	38.6	40.0	105.1	6.1	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
888	Y00G_025_025dd	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	35.0	−4.3	23.8	24.2	100.4	0.329	0.29	0.135	29.3	−7.8	24.3	25.6	107.8	6.6	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
889	Y00G_012_012dd	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	0.244	0.217	0.133	19.2	−2.0	2.3	3.1	130.7	11.3	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
890	NW_000dd	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	11.5	0.0	0.3	0.3	80.2	4.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
																	Mean color difference of this page:							**delta**	**14.3**									

TUB-test chart RE81; 16 step hue circle, cf=1
colors and differences, $\Delta E'^*$

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

1−1032934−F0

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 31/33

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
891	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	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_012dd	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	0.921	0.976	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_025dd	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	0.805	0.868	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_037dd	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	0.721	0.842	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_050dd	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	0.638	0.83	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_062dd	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	0.556	0.829	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_075dd	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	0.473	0.828	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_087dd	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	0.998	0.384	0.818	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_100dd	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_012dd	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	0.878	0.983	0.929	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_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	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_012dd	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	0.865	0.766	0.796	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_025dd	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	0.849	0.673	0.723	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_037dd	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	0.844	0.583	0.669	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_050dd	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	0.828	0.505	0.615	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_062dd	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	0.815	0.43	0.581	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_075dd	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	1.0	0.375	1.0	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_087dd	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	0.792	0.272	0.515	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_025dd	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	0.752	0.87	0.796	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_012dd	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	0.762	0.813	0.778	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_075dd	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	0.77	0.762	0.763	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_012dd	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	0.759	0.655	0.678	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_025dd	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	0.749	0.571	0.613	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_037dd	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	0.732	0.473	0.55	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_050dd	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	0.712	0.393	0.5	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_062dd	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	0.695	0.321	0.466	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_075dd	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	0.681	0.257	0.438	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_037dd	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	0.666	0.873	0.719	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_025dd	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	0.639	0.745	0.667	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_012dd	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	0.643	0.689	0.648	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_062dd	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	0.647	0.638	0.635	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_012dd	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	0.635	0.529	0.547	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_025dd	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	0.624	0.446	0.487	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_037dd	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	0.609	0.36	0.433	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_050dd	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	0.593	0.296	0.398	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_062dd	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	0.583	0.201	0.361	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_050dd	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	0.6	0.874	0.623	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_037dd	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	0.539	0.705	0.566	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_025dd	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	0.535	0.628	0.54	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_012dd	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	0.538	0.573	0.527	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_050dd	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	0.542	0.524	0.517	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_012dd	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	0.53	0.431	0.447	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_025dd	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	0.518	0.346	0.387	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_037dd	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	0.494	0.261	0.329	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_050dd	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	0.49	0.17	0.292	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_062dd	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	0.472	0.749	0.501	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_050dd	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	0.455	0.659	0.472	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_037dd	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	0.45	0.588	0.455	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_025dd	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	0.451	0.538	0.445	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_012dd	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	0.444	0.476	0.424	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_037dd	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	0.437	0.413	0.406	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_012dd	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	40.2	8.8	−1.3	8.9	351.5	0.432	0.34	0.356	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_025dd	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	0.412	0.238	0.28	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_037dd	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	0.371	0.155	0.226	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_075dd	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	0.375	1.0	0.5	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_062dd	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	0.385	0.608	0.393	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_050dd	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	0.372	0.543	0.366	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_037dd	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	0.361	0.485	0.351	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_025dd	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	0.361	0.443	0.35	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_012dd	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	0.361	0.401	0.35	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_025dd	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	0.338	0.313	0.302	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_012dd	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	0.335	0.242	0.257	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_025dd	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	0.3	0.136	0.178	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_087dd	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	0.323	0.874	0.376	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_075dd	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	0.323	0.581	0.32	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_062dd	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	0.301	0.504	0.294	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_050dd	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	0.292	0.45	0.276	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_037dd	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	0.275	0.388	0.246	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_025dd	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	0.268	0.341	0.242	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_012dd	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	0.266	0.299	0.246	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_012dd	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	0.264	0.257	0.25	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_012dd	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	0.229	0.119	0.14	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_100dd	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	0.125	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_087dd	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	53.1	−52.1	35.7	63.1	145.5	0.261	0.553	0.204	59.2	−59.5	43.1	73.5	144.0	12.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
965	G00B_075_075dd	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	47.8	−44.6	30.6	54.1	145.5	0.243	0.471	0.178	57.5	−60.1	41.7	73.2	145.2	21.4	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
966	G00B_062_062dd	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	42.4	−37.2	25.5	45.1	145.5	0.225	0.402	0.161	51.5	−57.5	36.6	68.2	147.5	24.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
967	G00B_050_050dd	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	0.208	0.341	0.155	46.9	−54.9	32.3	63.7	149.5	29.5	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
968	G00B_037_037dd	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	31.8	−22.3	15.3	27.0	145.5	0.182	0.279	0.141	40.2	−50.2	27.0	57.1	151.6	31.4	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
969	G00B_025_025dd	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	26.4	−14.8	10.2	18.0	145.5	0.157	0.209	0.104	31.3	−41.0	19.7	45.5	154.3	28.2	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
970	G00B_012_012dd	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	21.1	−7.4	5.1	9.0	145.5	0.134	0.153	0.031	22.5	−23.9	9.6	25.8	157.9	17.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
971	NW_000dd	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	13.4	0.0	0.0	0.0	265.8	2.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 19.8

1−1033034−F0

RE810−7N, Page 31/33−F

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, Δ*E'**

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

1−1033034−F0

TUB registration: 20150701-RE81/RE81L0FA.TXT /.PS

TUB material: code=rha4ta

application for measurement of laser printer output, no separation rgb* (RGB)

n	HIC^*_{Fdd}	rgb_{Fdd}			ict_{Fdd}			$h_{si\_F,dd}$	rgb^*_{Fdd}			$LabCh^*_{Fdd}$					rgb'^*_{Fdd}			$LabCh'^*_{Fdd}$					DE'^*_{Fdd}	$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
972	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	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_012dd	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	0.264	0.257	0.25	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_025dd	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	0.338	0.313	0.302	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_037dd	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	0.437	0.413	0.406	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_050dd	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	0.542	0.524	0.517	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_062dd	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	0.647	0.638	0.635	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_075dd	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	0.77	0.762	0.763	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_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	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_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	−0.1	−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_000dd	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	12.1	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_012dd	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	0.264	0.257	0.25	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_025dd	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	0.338	0.313	0.302	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_037dd	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	0.437	0.413	0.406	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_050dd	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	0.542	0.524	0.517	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_062dd	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	0.647	0.638	0.635	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_075dd	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	0.77	0.762	0.763	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_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	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_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.5	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_000dd	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	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_012dd	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	0.264	0.257	0.25	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_025dd	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	0.338	0.313	0.302	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_037dd	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	0.437	0.413	0.406	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_050dd	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	0.542	0.524	0.517	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_062dd	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	0.647	0.638	0.635	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_075dd	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	0.77	0.762	0.763	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_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	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_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−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_000dd	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	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_012dd	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	0.264	0.257	0.25	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_025dd	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	0.338	0.313	0.302	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_037dd	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	0.437	0.413	0.406	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_050dd	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	0.542	0.524	0.517	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_062dd	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	0.647	0.638	0.635	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_075dd	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	0.77	0.762	0.763	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_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	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_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−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_000dd	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	0.0	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_006dd	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	0.176	0.149	0.144	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_013dd	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	0.269	0.259	0.252	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_020dd	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	0.305	0.282	0.272	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_026dd	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	0.352	0.331	0.321	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_033dd	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	0.413	0.396	0.389	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_040dd	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	0.454	0.429	0.422	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_046dd	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	0.522	0.512	0.504	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_053dd	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	0.562	0.539	0.534	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_060dd	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	0.631	0.627	0.621	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_066dd	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	0.677	0.66	0.662	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_073dd	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	0.761	0.756	0.756	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_080dd	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	0.799	0.783	0.792	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_086dd	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.853	0.849	0.856	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_093dd	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.929	0.936	0.957	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_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.2	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_000dd	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	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_006dd	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	0.176	0.149	0.144	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_013dd	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	0.269	0.259	0.252	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_020dd	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	0.305	0.282	0.272	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_026dd	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	0.352	0.331	0.321	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_033dd	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	0.413	0.396	0.389	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_040dd	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	0.454	0.429	0.422	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_046dd	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	0.522	0.512	0.504	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_053dd	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	0.562	0.539	0.534	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_060dd	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	0.631	0.627	0.621	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_066dd	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	0.677	0.66	0.662	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_073dd	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	0.761	0.756	0.756	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_080dd	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	0.799	0.783	0.792	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_086dd	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.853	0.849	0.856	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_093dd	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.929	0.936	0.957	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_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.4	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_000dd	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	10.9	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_006dd	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	0.176	0.149	0.144	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_013dd	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	0.269	0.259	0.252	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_020dd	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	0.305	0.282	0.272	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_026dd	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	0.352	0.331	0.321	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_033dd	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	0.413	0.396	0.389	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_040dd	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	0.454	0.429	0.422	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_046dd	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	0.522	0.512	0.504	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	0.0
1048	NW_053dd	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.7	0.0	0.0	0.0	0.0	0.562	0.539	0.534	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	0.0
1049	NW_060dd	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.1	0.0	0.0	0.0	0.0	0.631	0.627	0.621	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	0.0
1050	NW_066dd	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.0	0.677	0.66	0.662	66.4	0.2	−0.9	0.9	284.6	3.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1051	NW_073dd	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.9	0.0	0.0	0.0	0.0	0.761	0.756	0.756	72.7	0.1	−0.4	0.4	293.1	2.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1052	NW_080dd	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.2	0.0	0.0	0.0	0.0	0.799	0.783	0.792	78.5	0.3	−0.3	0.4	314.9	1.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta** **6.3**

1−1033134−F0

RE810−7N, Page 32/33−F

TUB-test chart RE81; 16 step hue circle, cf=1
colors and differences, $\Delta E'^*$

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

1−1033134−F0

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 33/33

n	HIC*$_{Fdd}$	*rgb*$_{\_Fdd}$			*ict*$_{\_Fdd}$			*h*$_{si\_F,dd}$	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'**$_{Fdd}$	*h*$_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
1053	NW_086$_{dd}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.853	0.849	0.856	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$_{dd}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.929	0.936	0.957	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$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	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$_{dd}$	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$_{dd}$	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	0.176	0.149	0.144	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$_{dd}$	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	0.269	0.259	0.252	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$_{dd}$	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	0.305	0.282	0.272	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$_{dd}$	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	0.352	0.331	0.321	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$_{dd}$	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	0.413	0.396	0.389	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$_{dd}$	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	0.454	0.429	0.422	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$_{dd}$	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	0.522	0.512	0.504	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$_{dd}$	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	0.562	0.539	0.534	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$_{dd}$	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	0.631	0.627	0.621	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$_{dd}$	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	0.677	0.66	0.662	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$_{dd}$	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	0.761	0.756	0.756	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$_{dd}$	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	0.799	0.783	0.792	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$_{dd}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.853	0.849	0.856	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$_{dd}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.929	0.936	0.957	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$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.0	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$_{dd}$	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$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.1	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$_{dd}$	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$_{dd}$	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$_{dd}$	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$_{dd}$	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	0.125	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$_{dd}$	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	0.125	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$_{dd}$	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** **4.4**

1−1033234−F0

RE810−7N, Page 33/33−F

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, Δ*E'**

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

see similar files: http://130.149.60.45/~farbmetrik/RE81/RE81.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE81/RE81L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb* (RGB)

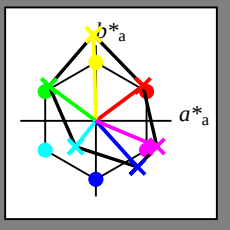
1−1033234−F0

Input and Output: Laser Reflective System LRS18a

Data for any device (d) or elementary (e) colour:
*HIC**_
hue text for the colours of this page:
*H**_ = R00Y–, R25Y–, ..., B75R–

ORS20a; adapted (a) CIELAB data

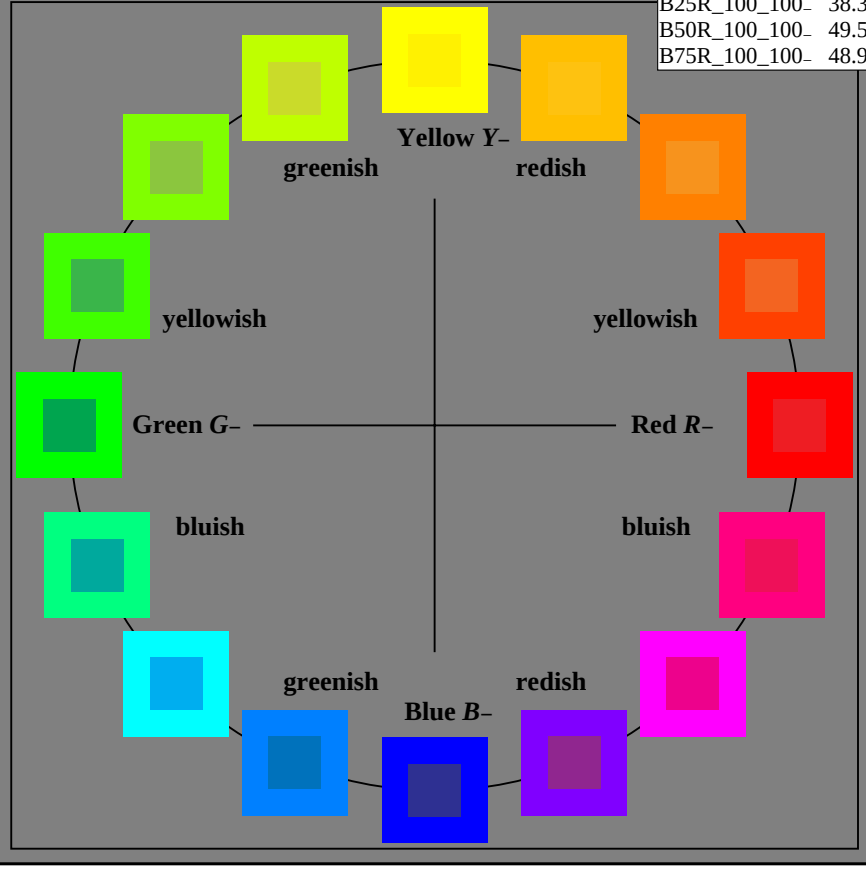
*H**_	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100_	48.4	66.1	40.2	77.3	31
R25Y_100_100_	56.8	48.0	50.5	69.6	46
R50Y_100_100_	68.6	25.0	63.9	68.6	68
R75Y_100_100_	80.6	4.8	77.2	77.3	86
Y00G_100_100_	90.2	−9.6	88.2	88.7	96
Y25G_100_100_	83.2	−18.4	79.9	81.9	102
Y50G_100_100_	73.3	−31.7	62.7	70.2	116
Y75G_100_100_	62.0	−49.7	43.2	65.8	139
G00B_100_100_	55.8	−65.2	33.8	73.4	152
G25B_100_100_	59.3	−50.3	−9.0	51.0	190
G50B_100_100_	63.0	−30.5	−42.0	51.9	234
G75B_100_100_	45.7	−5.7	−44.6	44.9	262
B00R_100_100_	27.5	25.9	−47.3	53.9	298
B25R_100_100_	38.3	52.6	−28.5	59.8	331
B50R_100_100_	49.5	73.5	−9.0	74.0	353
B75R_100_100_	48.9	69.3	12.9	70.4	10

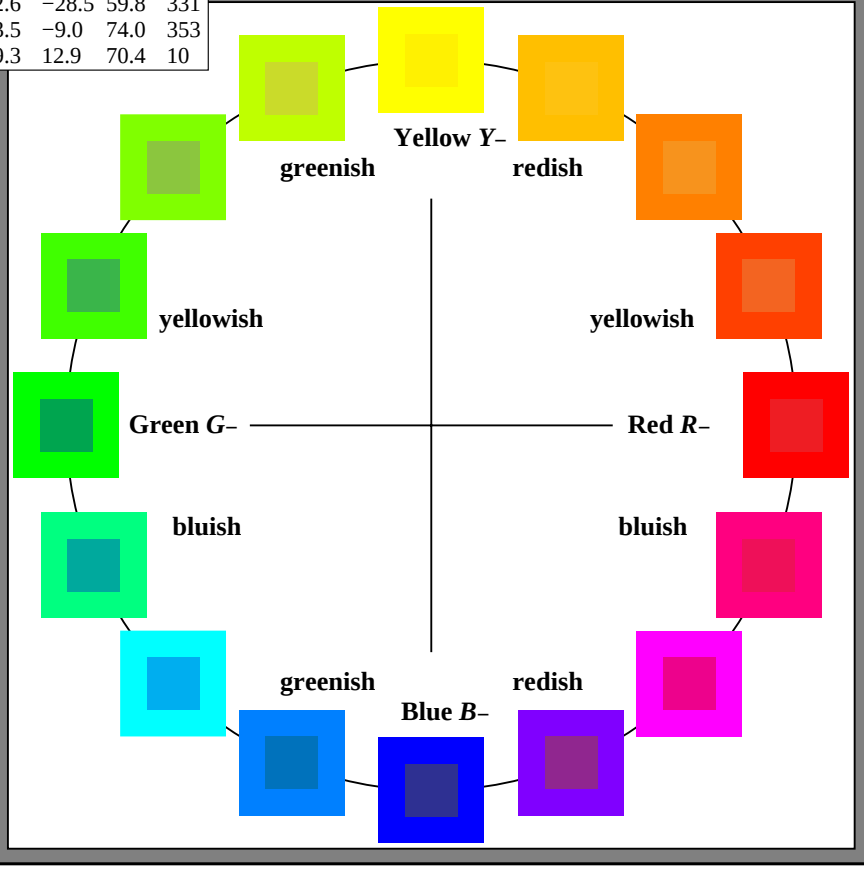


%Gamut
u^*_{rel} = 114
%Regularity
$g^*_{H,rel}$ = 28
$g^*_{C,rel}$ = 38

LRS18a; adapted (a) CIELAB data

name	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R–,Ma	32.5	62.3	46.4	77.7	36
Y–,Ma	82.7	−3.1	113.9	114.0	91
G–,Ma	39.4	−61.8	45.8	76.9	143
C–,Ma	47.8	−26.8	−34.2	43.4	231
B–,Ma	10.1	55.1	−61.0	82.2	312
M–,Ma	34.5	80.6	−33.9	87.5	337
N–,Ma	6.2	0.0	0.0	0.0	0
W–,Ma	91.9	0.0	0.0	0.0	0
R–,CIE	39.9	58.7	27.9	65.0	25
Y–,CIE	81.2	−2.8	71.5	71.6	92
G–,CIE	52.2	−42.4	13.6	44.5	162
B–,CIE	30.5	1.4	−46.4	46.4	271





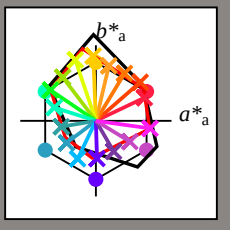
RE810−7N_RGB 1−113034−L0

Input and Output: Laser Reflective System LRS18a

Data for any device (d) or elementary (e) colour:
***HIC**e**
hue text for the colours of this page:
***H**e = R00Ye, R25Ye, ..., B75Re**

LRS18a; adapted (a) CIELAB data

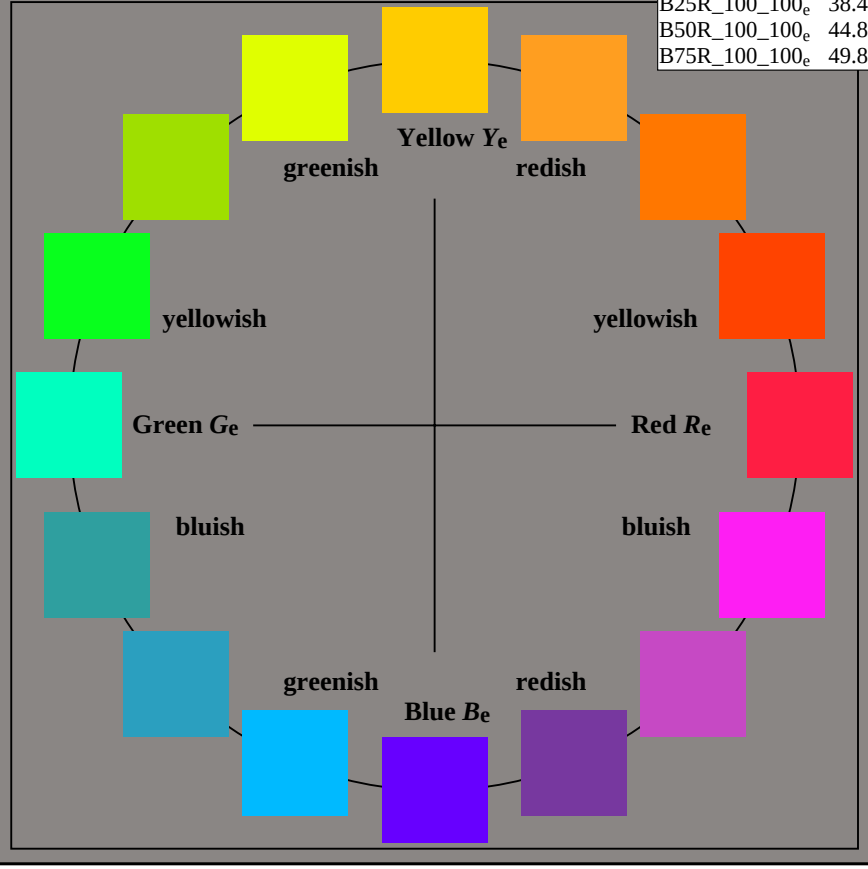
*H**e	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100e	48.3	64.2	30.6	71.1	25
R25Y_100_100e	50.5	58.6	51.1	77.8	41
R50Y_100_100e	61.1	37.8	62.8	73.3	58
R75Y_100_100e	72.1	17.1	72.8	74.8	76
Y00G_100_100e	84.3	−3.4	85.8	85.9	92
Y25G_100_100e	84.0	−27.1	80.6	85.0	108
Y50G_100_100e	69.4	−43.7	57.5	72.3	127
Y75G_100_100e	58.2	−60.0	40.6	72.5	145
G00B_100_100e	58.4	−54.9	17.6	57.7	162
G25B_100_100e	59.0	−45.6	−7.7	46.3	189
G50B_100_100e	55.3	−38.8	−29.2	48.5	216
G75B_100_100e	52.2	−24.1	−50.2	55.7	244
B00R_100_100e	38.0	1.5	−49.8	49.8	271
B25R_100_100e	38.4	23.5	−40.4	46.8	300
B50R_100_100e	44.8	45.0	−27.4	52.7	328
B75R_100_100e	49.8	71.7	−9.9	72.3	352

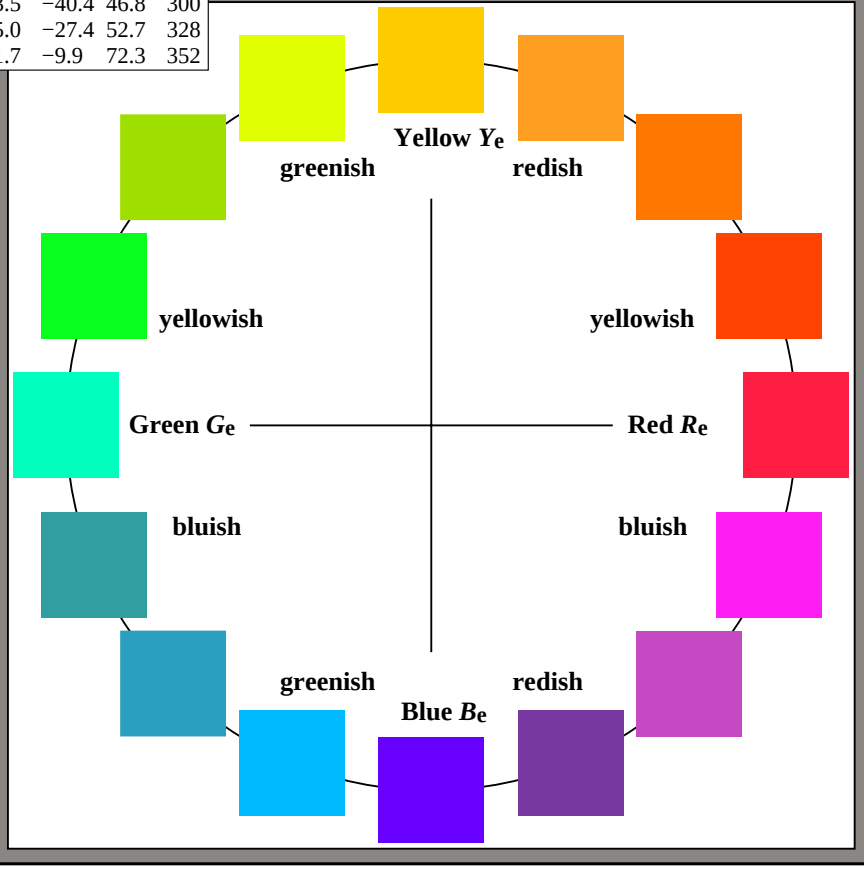


%Gamut
u*rel = 114
%Regularity
g*H,rel = 28
g*C,rel = 38

LRS18a; adapted (a) CIELAB data

name	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
Re,Ma	48.3	64.2	30.6	71.1	25
Ye,Ma	84.3	−3.4	85.8	85.9	92
Ge,Ma	58.4	−54.9	17.6	57.7	162
Ce,Ma	55.3	−38.8	−29.2	48.5	216
Be,Ma	38.0	1.5	−49.8	49.8	271
Me,Ma	44.8	45.0	−27.4	52.7	328
Ne,Ma	15.7	0.0	0.0	0.0	0
We,Ma	96.3	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	−2.8	71.5	71.6	92
Ge,CIE	52.2	−42.4	13.6	44.5	162
Be,CIE	30.5	1.4	−46.4	46.4	271





see similar files: http://130.149.60.45/~farbmetrik/RE81/RE81.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE81/RE81L0FA.TXT /.PS
application for measurement of laser printer output, no separation rgb* (RGB)
TUB material: code=rha4ta

RE810−73 1−113134−L0

TUB-test chart RE81; 16 step hue circle, *cf*=1
Test chart according to DIN 33872, 3D=1, de=1, *rgb**

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

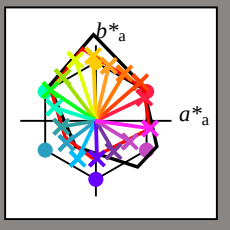
1−113134−F0

Input and Output: Laser Reflective System LRS18a

Data for any device (d) or elementary (e) colour:
*HIC**e
hue text for the colours of this page:
*H**e = R00Ye, R25Ye, ..., B75Re

LRS18a; adapted (a) CIELAB data

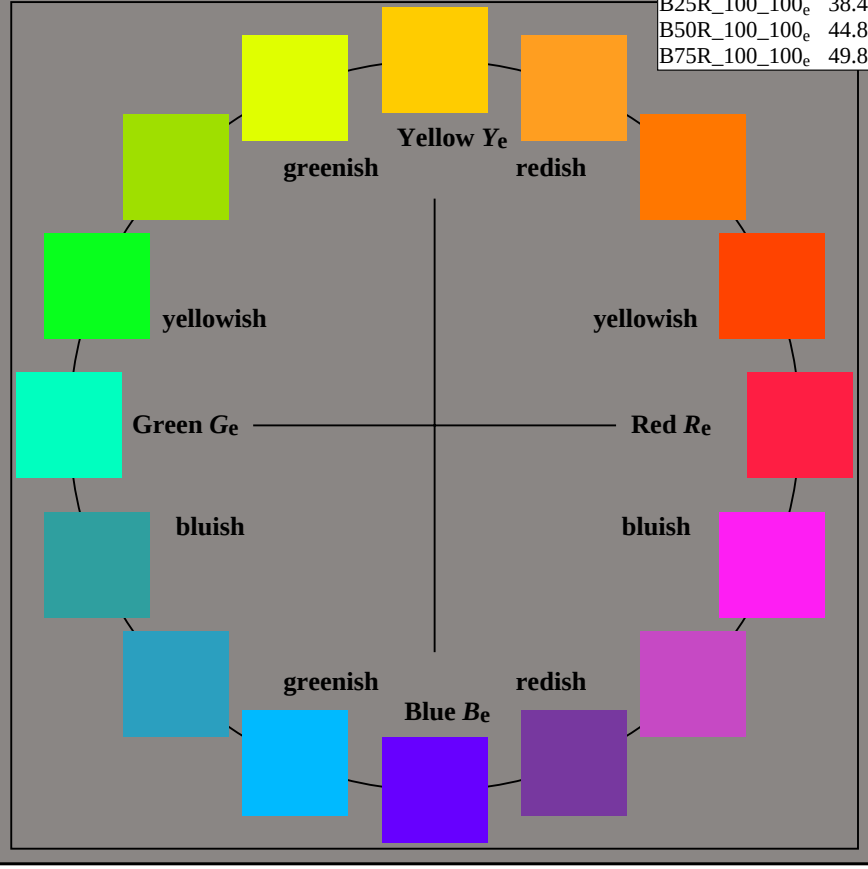
*H**e	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100e	48.3	64.2	30.6	71.1	25
R25Y_100_100e	50.5	58.6	51.1	77.8	41
R50Y_100_100e	61.1	37.8	62.8	73.3	58
R75Y_100_100e	72.1	17.1	72.8	74.8	76
Y00G_100_100e	84.3	−3.4	85.8	85.9	92
Y25G_100_100e	84.0	−27.1	80.6	85.0	108
Y50G_100_100e	69.4	−43.7	57.5	72.3	127
Y75G_100_100e	58.2	−60.0	40.6	72.5	145
G00B_100_100e	58.4	−54.9	17.6	57.7	162
G25B_100_100e	59.0	−45.6	−7.7	46.3	189
G50B_100_100e	55.3	−38.8	−29.2	48.5	216
G75B_100_100e	52.2	−24.1	−50.2	55.7	244
B00R_100_100e	38.0	1.5	−49.8	49.8	271
B25R_100_100e	38.4	23.5	−40.4	46.8	300
B50R_100_100e	44.8	45.0	−27.4	52.7	328
B75R_100_100e	49.8	71.7	−9.9	72.3	352

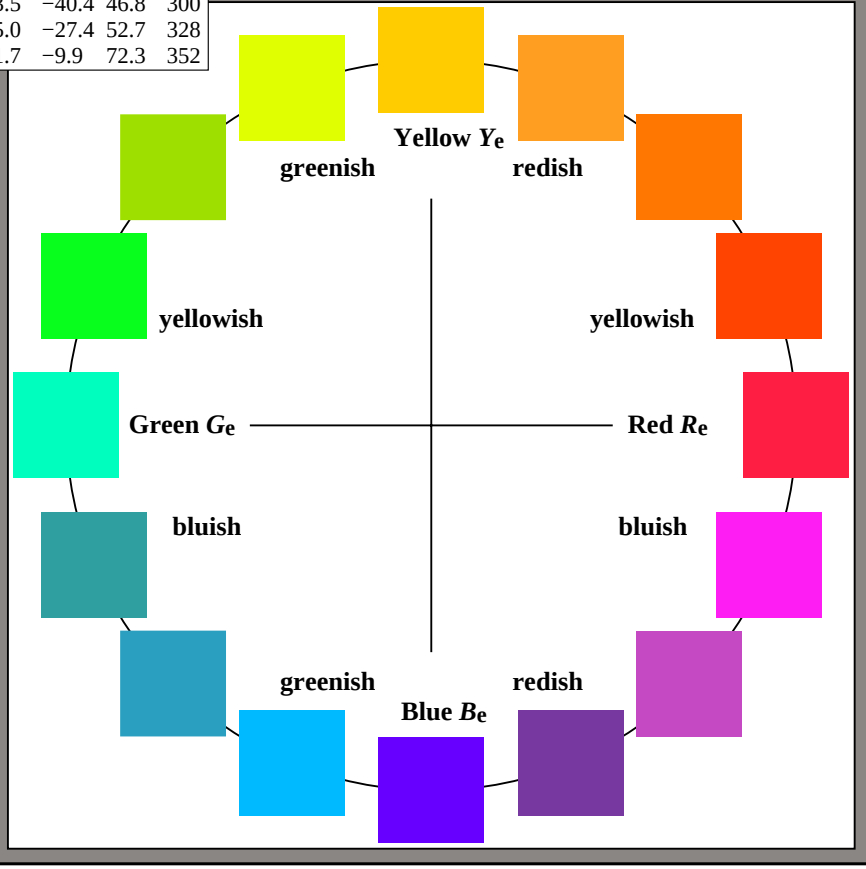


%Gamut
u*rel = 114
%Regularity
g*H,rel = 28
g*C,rel = 38

LRS18a; adapted (a) CIELAB data

name	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
Re,Ma	48.3	64.2	30.6	71.1	25
Ye,Ma	84.3	−3.4	85.8	85.9	92
Ge,Ma	58.4	−54.9	17.6	57.7	162
Ce,Ma	55.3	−38.8	−29.2	48.5	216
Be,Ma	38.0	1.5	−49.8	49.8	271
Me,Ma	44.8	45.0	−27.4	52.7	328
Ne,Ma	15.7	0.0	0.0	0.0	0
We,Ma	96.3	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	−2.8	71.5	71.6	92
Ge,CIE	52.2	−42.4	13.6	44.5	162
Be,CIE	30.5	1.4	−46.4	46.4	271





RE810−73 1−113234−L0

TUB-test chart RE81; 16 step hue circle, *cf*=1
Test chart according to DIN 33872

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

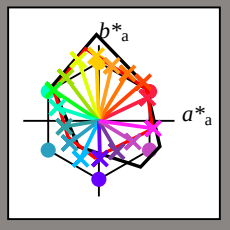
1−113234−F0

Input and Output: Laser Reflective System LRS18a

Data for any device (d) or elementary (e) colour:
HIC**e
hue text for the colours of this page:
***H**e = R00Ye, R25Ye, ..., B75Re**

LRS18a; adapted (a) CIELAB data

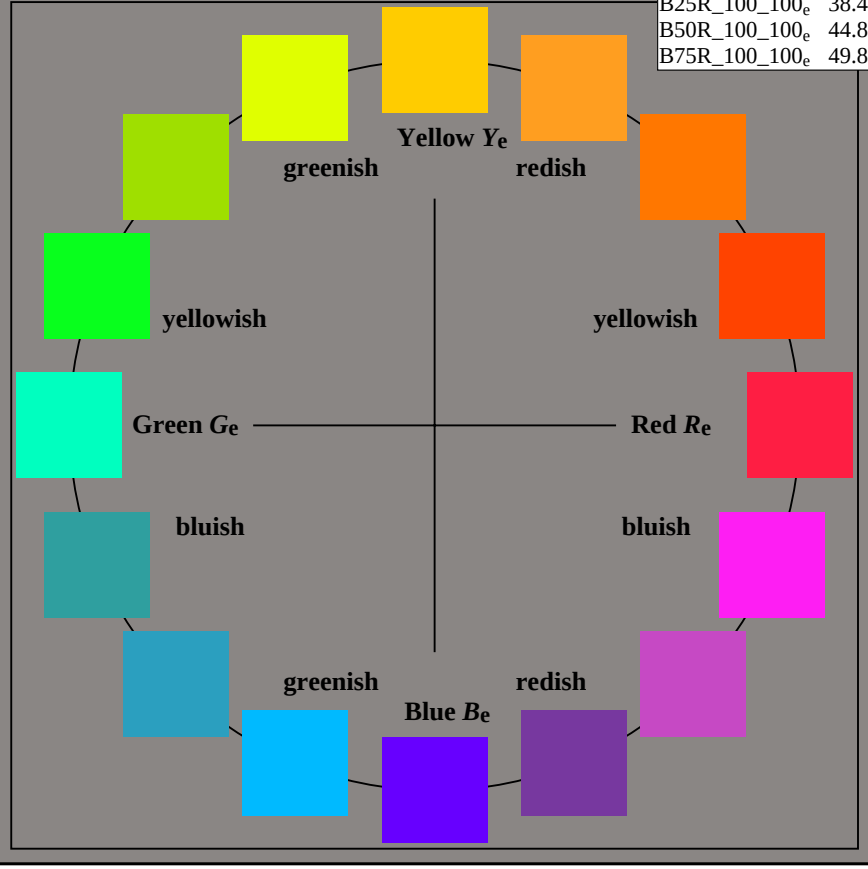
*H**e	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100e	48.3	64.2	30.6	71.1	25
R25Y_100_100e	50.5	58.6	51.1	77.8	41
R50Y_100_100e	61.1	37.8	62.8	73.3	58
R75Y_100_100e	72.1	17.1	72.8	74.8	76
Y00G_100_100e	84.3	−3.4	85.8	85.9	92
Y25G_100_100e	84.0	−27.1	80.6	85.0	108
Y50G_100_100e	69.4	−43.7	57.5	72.3	127
Y75G_100_100e	58.2	−60.0	40.6	72.5	145
G00B_100_100e	58.4	−54.9	17.6	57.7	162
G25B_100_100e	59.0	−45.6	−7.7	46.3	189
G50B_100_100e	55.3	−38.8	−29.2	48.5	216
G75B_100_100e	52.2	−24.1	−50.2	55.7	244
B00R_100_100e	38.0	1.5	−49.8	49.8	271
B25R_100_100e	38.4	23.5	−40.4	46.8	300
B50R_100_100e	44.8	45.0	−27.4	52.7	328
B75R_100_100e	49.8	71.7	−9.9	72.3	352

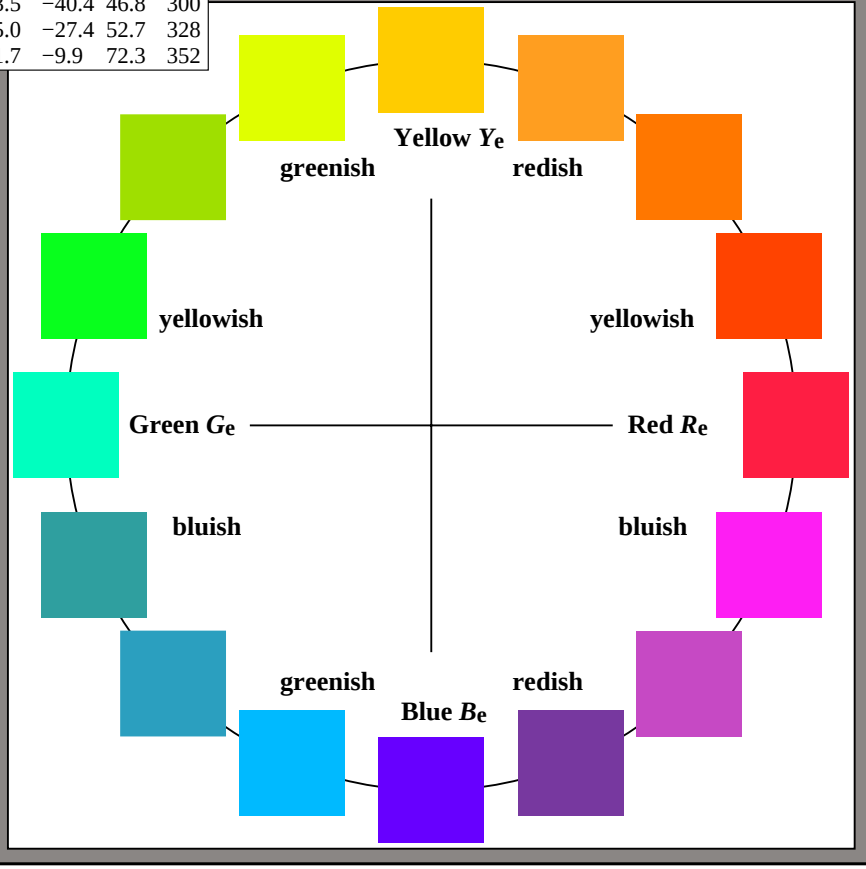


%Gamut
u*rel = 114
%Regularity
g*H,rel = 28
g*C,rel = 38

LRS18a; adapted (a) CIELAB data

name	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
Re,Ma	48.3	64.2	30.6	71.1	25
Ye,Ma	84.3	−3.4	85.8	85.9	92
Ge,Ma	58.4	−54.9	17.6	57.7	162
Ce,Ma	55.3	−38.8	−29.2	48.5	216
Be,Ma	38.0	1.5	−49.8	49.8	271
Me,Ma	44.8	45.0	−27.4	52.7	328
Ne,Ma	15.7	0.0	0.0	0.0	0
We,Ma	96.3	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	−2.8	71.5	71.6	92
Ge,CIE	52.2	−42.4	13.6	44.5	162
Be,CIE	30.5	1.4	−46.4	46.4	271



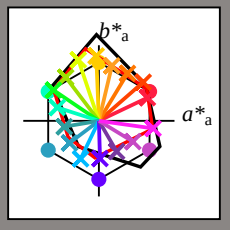


Input and Output: Laser Reflective System LRS18a

Data for any device (d) or elementary (e) colour:
*HIC**e
hue text for the colours of this page:
*H**e = R00Ye, R25Ye, ..., B75Re

LRS18a; adapted (a) CIELAB data

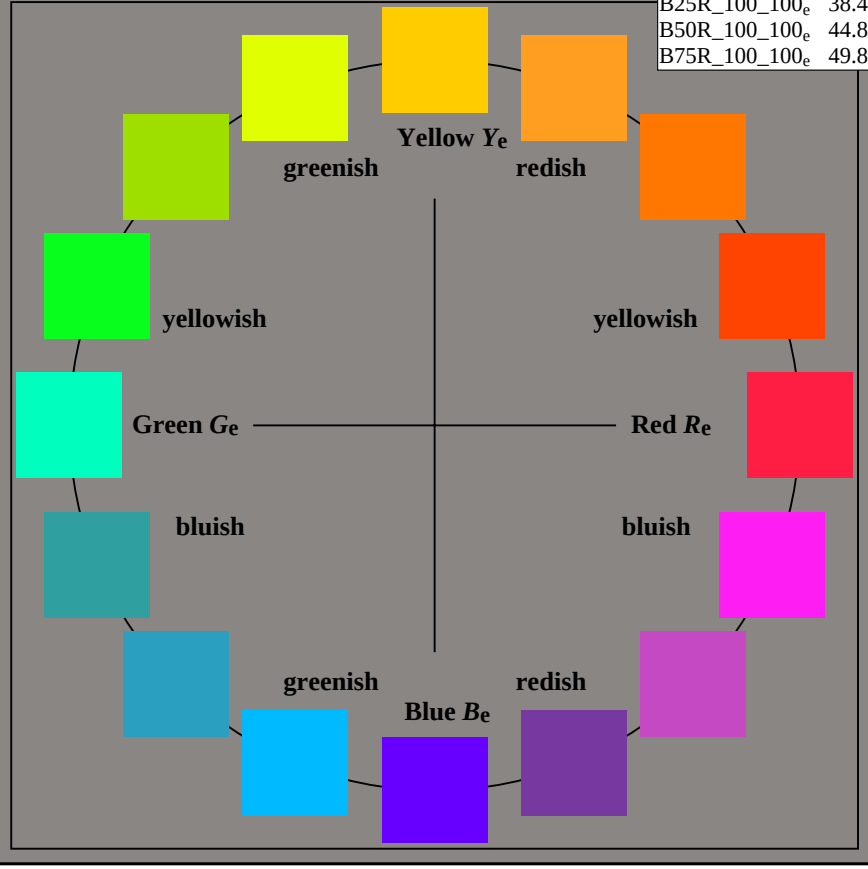
*H**e	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100e	48.3	64.2	30.6	71.1	25
R25Y_100_100e	50.5	58.6	51.1	77.8	41
R50Y_100_100e	61.1	37.8	62.8	73.3	58
R75Y_100_100e	72.1	17.1	72.8	74.8	76
Y00G_100_100e	84.3	−3.4	85.8	85.9	92
Y25G_100_100e	84.0	−27.1	80.6	85.0	108
Y50G_100_100e	69.4	−43.7	57.5	72.3	127
Y75G_100_100e	58.2	−60.0	40.6	72.5	145
G00B_100_100e	58.4	−54.9	17.6	57.7	162
G25B_100_100e	59.0	−45.6	−7.7	46.3	189
G50B_100_100e	55.3	−38.8	−29.2	48.5	216
G75B_100_100e	52.2	−24.1	−50.2	55.7	244
B00R_100_100e	38.0	1.5	−49.8	49.8	271
B25R_100_100e	38.4	23.5	−40.4	46.8	300
B50R_100_100e	44.8	45.0	−27.4	52.7	328
B75R_100_100e	49.8	71.7	−9.9	72.3	352

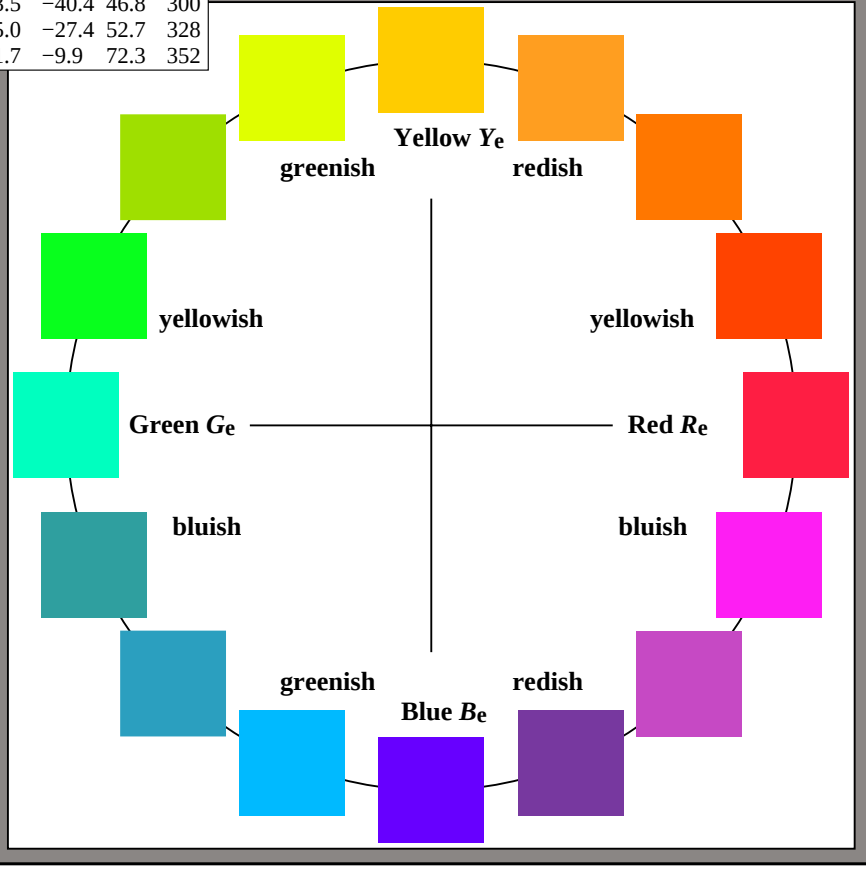


%Gamut
u*rel = 114
%Regularity
g*H,rel = 28
g*C,rel = 38

LRS18a; adapted (a) CIELAB data

name	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
Re,Ma	48.3	64.2	30.6	71.1	25
Ye,Ma	84.3	−3.4	85.8	85.9	92
Ge,Ma	58.4	−54.9	17.6	57.7	162
Ce,Ma	55.3	−38.8	−29.2	48.5	216
Be,Ma	38.0	1.5	−49.8	49.8	271
Me,Ma	44.8	45.0	−27.4	52.7	328
Ne,Ma	15.7	0.0	0.0	0.0	0
We,Ma	96.3	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	−2.8	71.5	71.6	92
Ge,CIE	52.2	−42.4	13.6	44.5	162
Be,CIE	30.5	1.4	−46.4	46.4	271





RE810−73 1−113434−L0

TUB-test chart RE81; 16 step hue circle, *cf*=1
Test chart according to DIN 33872

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

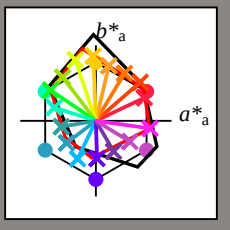
1−113434−F0

Input and Output: Laser Reflective System LRS18a

Data for any device (d) or elementary (e) colour:
HIC**e
hue text for the colours of this page:
***H**e = R00Ye, R25Ye, ..., B75Re**

LRS18a; adapted (a) CIELAB data

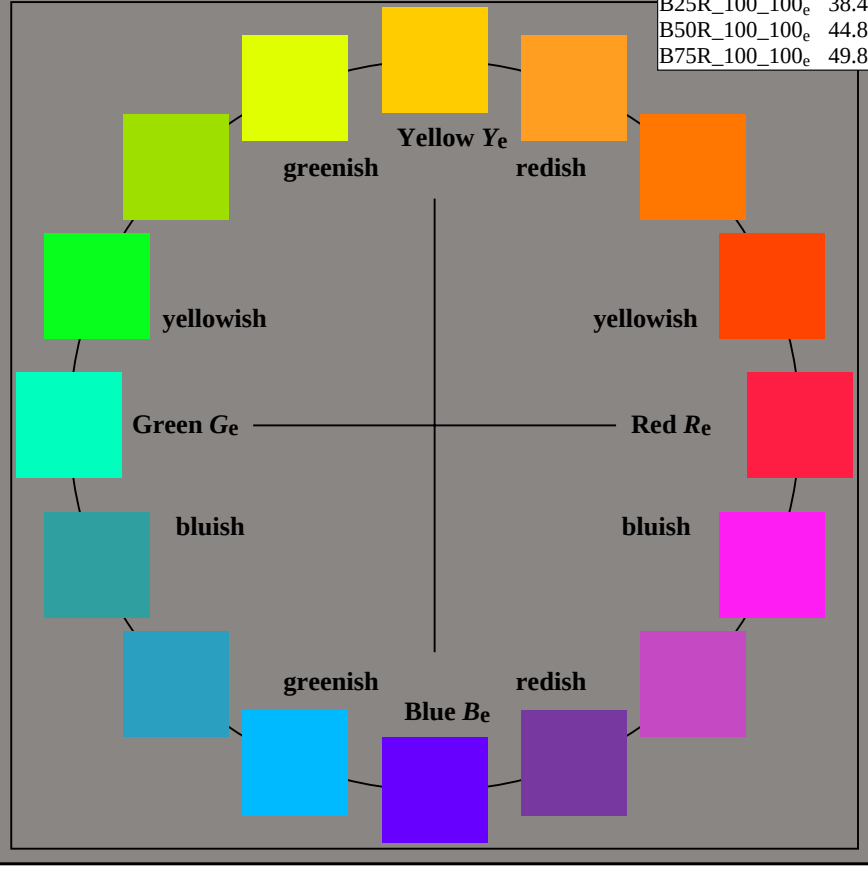
*H**e	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R00Y_100_100e	48.3	64.2	30.6	71.1	25
R25Y_100_100e	50.5	58.6	51.1	77.8	41
R50Y_100_100e	61.1	37.8	62.8	73.3	58
R75Y_100_100e	72.1	17.1	72.8	74.8	76
Y00G_100_100e	84.3	−3.4	85.8	85.9	92
Y25G_100_100e	84.0	−27.1	80.6	85.0	108
Y50G_100_100e	69.4	−43.7	57.5	72.3	127
Y75G_100_100e	58.2	−60.0	40.6	72.5	145
G00B_100_100e	58.4	−54.9	17.6	57.7	162
G25B_100_100e	59.0	−45.6	−7.7	46.3	189
G50B_100_100e	55.3	−38.8	−29.2	48.5	216
G75B_100_100e	52.2	−24.1	−50.2	55.7	244
B00R_100_100e	38.0	1.5	−49.8	49.8	271
B25R_100_100e	38.4	23.5	−40.4	46.8	300
B50R_100_100e	44.8	45.0	−27.4	52.7	328
B75R_100_100e	49.8	71.7	−9.9	72.3	352

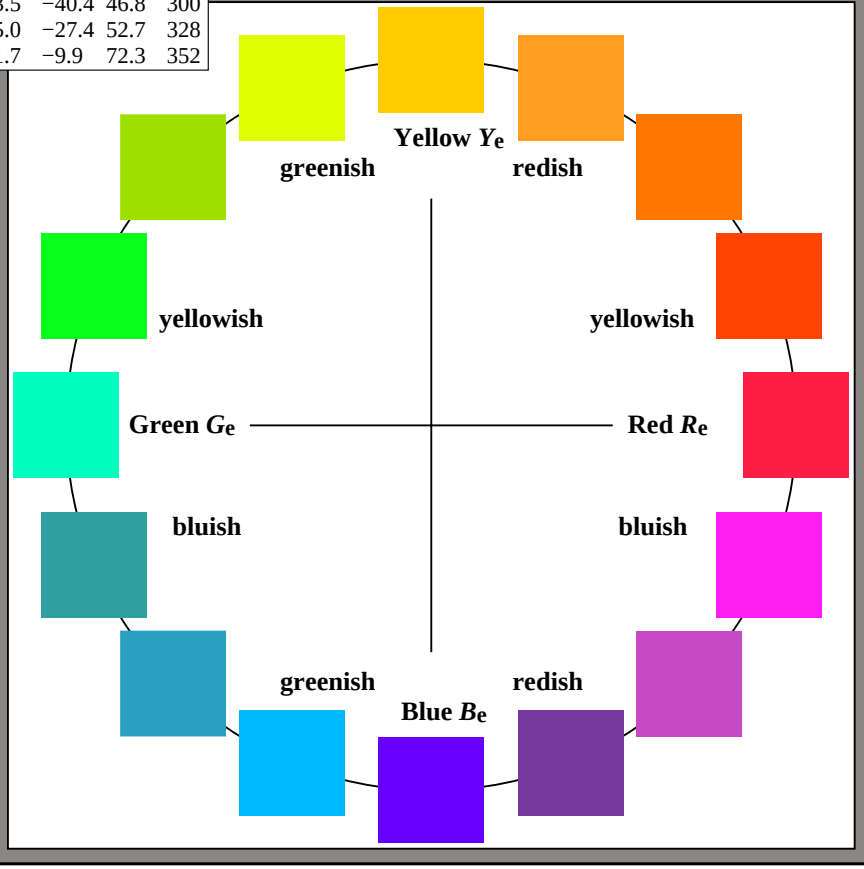


%Gamut
u*rel = 114
%Regularity
g*H,rel = 28
g*C,rel = 38

LRS18a; adapted (a) CIELAB data

name	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
Re,Ma	48.3	64.2	30.6	71.1	25
Ye,Ma	84.3	−3.4	85.8	85.9	92
Ge,Ma	58.4	−54.9	17.6	57.7	162
Ce,Ma	55.3	−38.8	−29.2	48.5	216
Be,Ma	38.0	1.5	−49.8	49.8	271
Me,Ma	44.8	45.0	−27.4	52.7	328
Ne,Ma	15.7	0.0	0.0	0.0	0
We,Ma	96.3	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	−2.8	71.5	71.6	92
Ge,CIE	52.2	−42.4	13.6	44.5	162
Be,CIE	30.5	1.4	−46.4	46.4	271





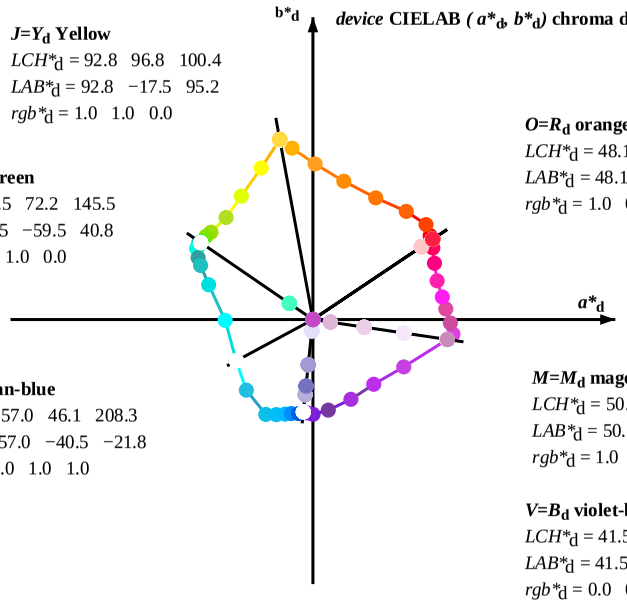
RE810−73 1−113534−L0

TUB-test chart RE81; 16 step hue circle, *cf*=1
Test chart according to DIN 33872

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

1−113534−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



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

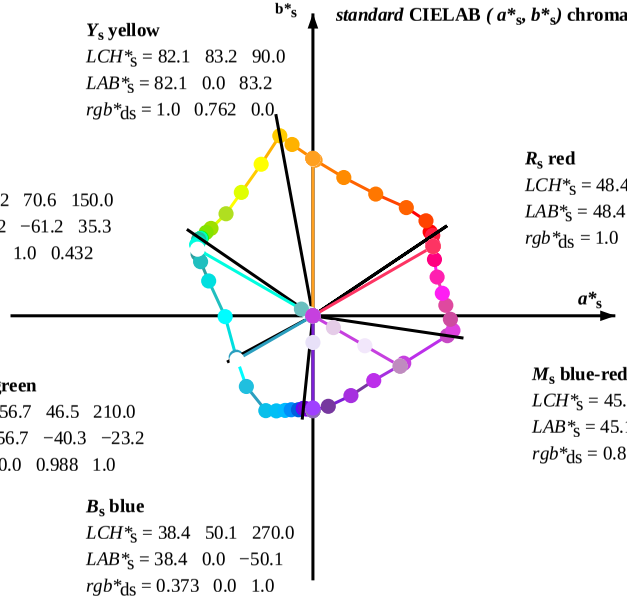
O=R_d orange-red
LCH^*_d = 48.1 76.2 33.8
LAB^*_d = 48.1 63.3 42.5
rgb^*_d = 1.0 0.0 0.0

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



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

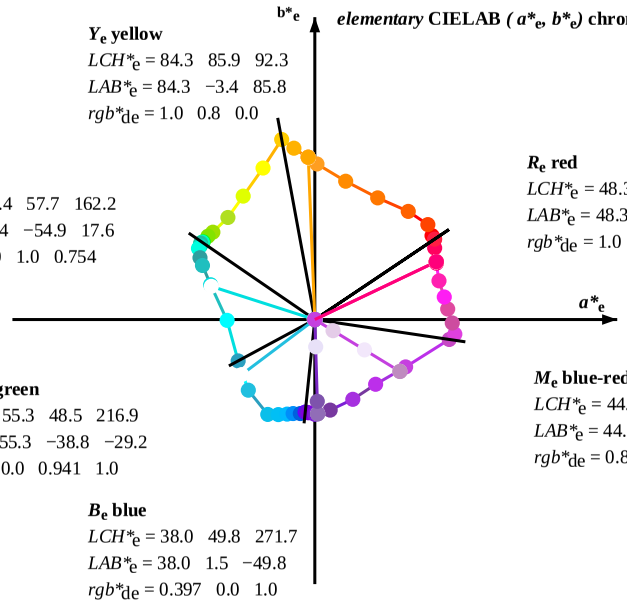
G_s green
LCH^*_s = 57.2 70.6 150.0
LAB^*_s = 57.2 −61.2 35.3
rgb^*_{ds} = 0.0 1.0 0.432

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

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



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

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

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

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

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

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

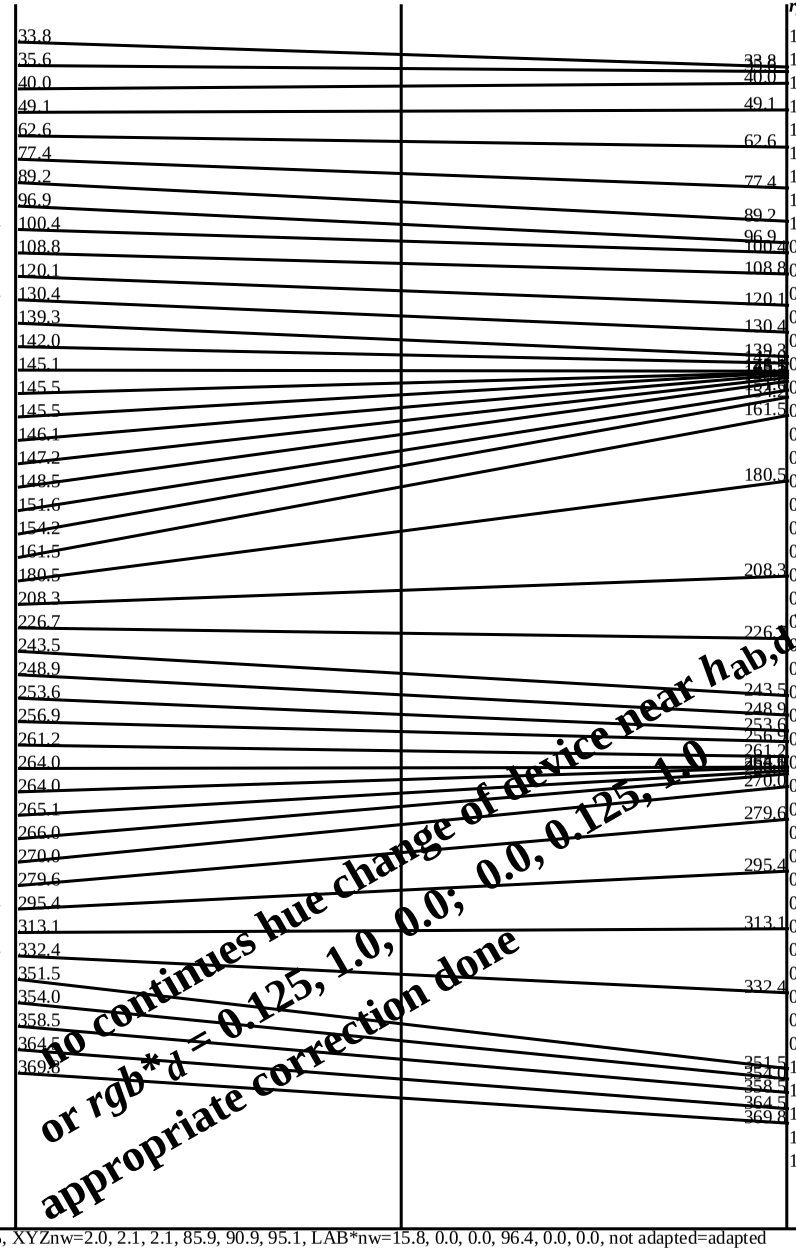
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 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	0.94	59.4	−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	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	50.8	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	−41.7	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	−29.1	−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	50.6	−21.3	−50.2	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	−49.8	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	0.266	1.0	42.6	−7.9	−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	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	0.46	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	266	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	50.2	269	0.588	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	−47.9	48.6	279	0.647	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	19.9	−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	41.4	32.2	−34.2	47.0	313	0.764	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	45.8	47.0	−25.3	53.7	331	0.830	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	71.1	−10.4	71.9	351	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	74.2	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	−1.8	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	48.4	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	

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

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** 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	0.237	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	0.0	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	0.279	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	0.382	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	0.465	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	0.534	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	0.61	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	0.689	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	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	0.999	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	0.865	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	0.774	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	0.663	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	0.555	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	0.265	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	0.0	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	0.755	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	0.797	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	0.845	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	0.883	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	0.916	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	0.944	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	0.97	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	0.9	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	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	0.898	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	0.846	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	0.798	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	0.732	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	0.578	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	0.344	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	0.043	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	0.397	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	0.484	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	0.55	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	0.602	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	0.658	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	0.705	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	0.758	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	0.801	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	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	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	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	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	0.976	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	0.723	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	0.526	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	0.388	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	0.237	48.3	64.2	30.6	71.2	385			

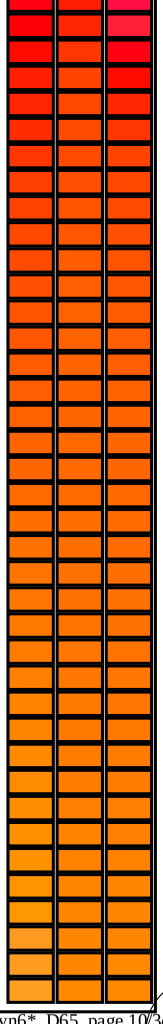


TUB-test chart RE81; 16 step hue circle, *cf*=1
48 step hue circles; *rgb−LabCh**tables

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

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 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		
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

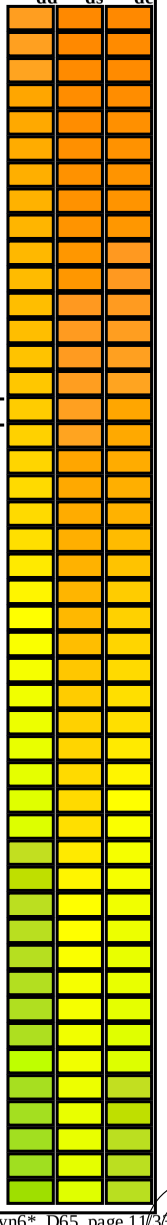


RE810−73 1−113934−L0 LAB*la0, YN=0%, XYZnw=2.0, 2.1, 2.1, 85.9, 90.9, 95.1, LAB*nw=15.8, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted Output: Offset standard print; separation cmyn6*, D65, page 10/33

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

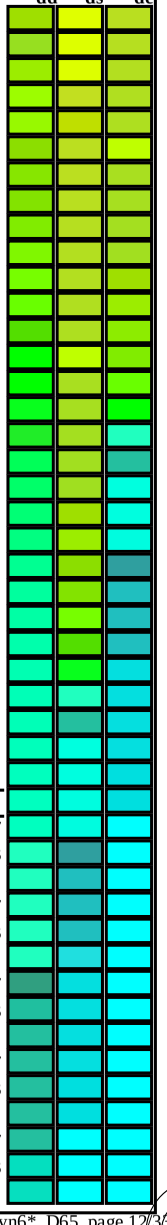
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M	*LAB**ddx361Mi (x=LabCh)	*rgb**ds361Mi	*LAB**dsx361Mi (x=LabCh)	*rgb**dd361Mi	*rgb**de361Mi	*LAB**dex361Mi (x=LabCh)	*rgb**dd361Mi
89	75	75	1.0 0.75 0.0	81.3 1.1 82.3 82.3 89	1.0 0.605 0.0	71.1 19.3 72.0 74.6 75	1.0 0.75 0.0	1.0 0.61 0.0	71.4 18.6 72.3 74.7 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

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



Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 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



TUB-test chart RE81; 16 step hue circle, *cf*=1
48 step hue circles; *rgb*−*LabCh**tables

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

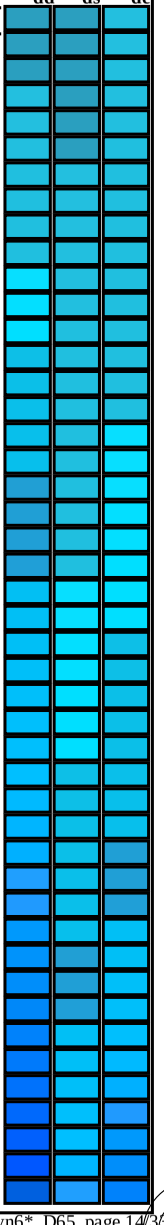
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 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	0.989	1.0	56.8	−40.2	−23.2	46.6	210	C_s	1.0	1.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216	C_e	1.0	1.0				

1−1131234−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

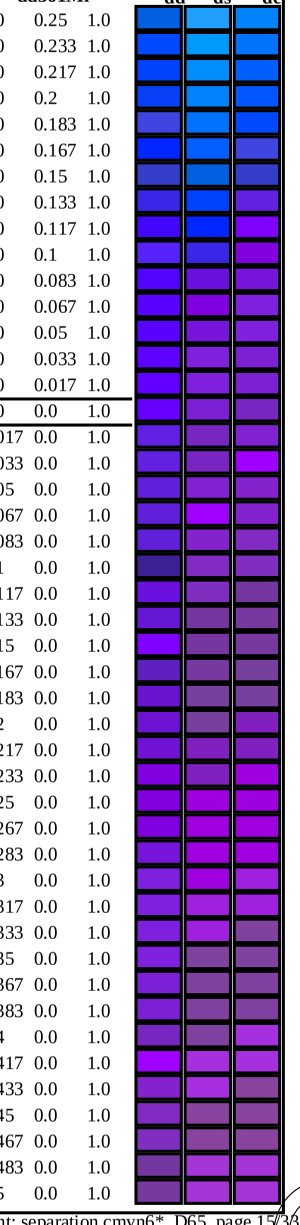
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb*dd361M*			*LAB*ddx361Mi (x=LabCh)*				C_d	*rgb*ds361Mi*			*LAB*dsx361Mi (x=LabCh)*				C_s	*rgb*dd361Mi*			*rgb*de361Mi*			*LAB*dex361Mi (x=LabCh)*				C_e	*rgb*dd361Mi*			*rgb*dd* *rgb*ds* *rgb*de*
208	210	216	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208	0.0	0.989	1.0	56.8	−40.2	−23.2	46.6	210	0.0	1.0	1.0	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216	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	



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

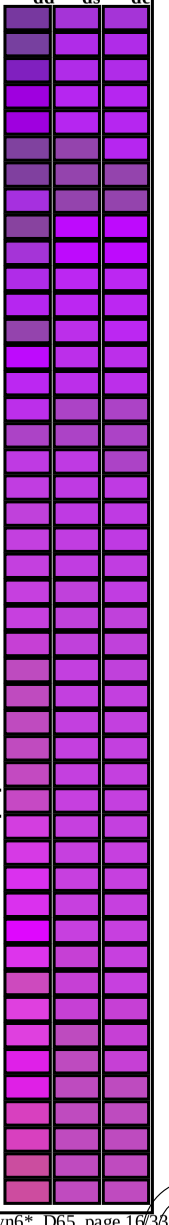
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M	*LAB**ddx361Mi (x=LabCh)	*rgb**ds361Mi	*LAB**dsx361Mi (x=LabCh)	*rgb**dd361Mi	*rgb**de361Mi	*LAB**dex361Mi (x=LabCh)	*rgb**dd361Mi
261	255	258	0.0 0.25 1.0	42.9 −7.6 −49.7 50.3 261	0.0 0.45 1.0	46.4 −13.3 −49.8 51.7 255	0.0 0.25 1.0	0.0 0.344 1.0	44.7 −10.4 −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

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



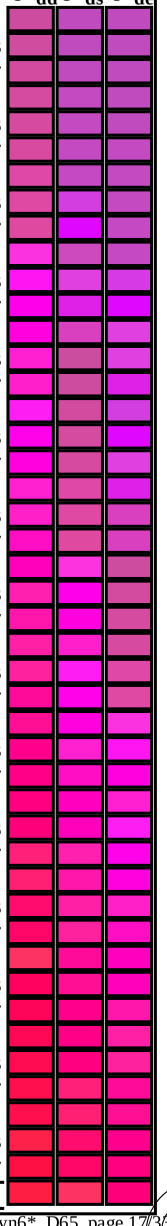
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 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		
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



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			



RE810−73 1−1131634−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

n/j	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$				*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$				*DE'*$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$			
0/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4	0.996	0.115	0.26	48.5	64.6	28.8	70.7	24.0	1.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
1/657	R13Y_100_100$_{de}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.0	0.024	48.2	63.3	41.5	75.8	33.2	1.0	0.0	0.024	48.2	63.4	40.9	75.5	32.8	0.6	388	1.0	0.0	0.024	48.2	63.3	41.5	75.8	33.2
2/666	R25Y_100_100$_{de}$	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	0.264	0.0	50.6	58.6	51.1	77.8	41.1	0.1	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
3/675	R38Y_100_100$_{de}$	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	0.382	0.0	56.3	47.2	57.6	74.5	50.6	1.3	52	1.0	0.382	0.0	55.6	48.5	57.7	75.4	49.9
4/684	R50Y_100_100$_{de}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8	1.0	0.464	0.0	62.7	34.5	63.5	72.3	61.4	3.8	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
5/693	R63Y_100_100$_{de}$	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	0.544	0.0	67.8	25.1	68.3	72.8	69.7	2.8	62	1.0	0.543	0.0	66.6	27.7	67.9	73.3	67.8
6/702	R75Y_100_100$_{de}$	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	0.999	0.617	0.126	72.7	15.9	72.8	74.6	77.6	1.3	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
7/711	R88Y_100_100$_{de}$	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	0.698	0.0	78.1	6.6	79.4	79.7	85.2	1.0	73	1.0	0.7	0.0	77.8	7.5	79.0	79.4	84.5
8/720	Y00G_100_100$_{de}$	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	0.799	0.0	84.3	−3.8	86.0	86.1	92.5	0.4	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
9/639	Y13G_100_100$_{de}$	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	1.0	1.0	0.0	92.8	−17.6	95.4	97.0	100.4	0.2	90	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
10/558	Y25G_100_100$_{de}$	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	0.878	1.0	0.0	84.8	−26.5	82.7	86.9	107.7	2.3	96	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6
11/477	Y38G_100_100$_{de}$	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	0.691	0.874	0.125	75.5	−36.6	65.9	75.4	119.0	2.4	102	0.774	1.0	0.0	76.2	−36.2	68.2	77.2	117.9
12/396	Y50G_100_100$_{de}$	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	0.625	0.875	0.0	69.9	−43.3	58.3	72.6	126.5	1.0	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
13/315	Y63G_100_100$_{de}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.539	1.0	0.0	63.4	−51.5	48.7	71.0	136.5	0.513	0.889	0.0	65.6	−49.2	51.7	71.3	133.5	4.3	117	0.539	1.0	0.0	63.4	−51.5	48.7	71.0	136.5
14/234	Y75G_100_100$_{de}$	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	0.031	1.0	0.111	59.0	−58.9	41.4	72.0	144.8	1.6	153	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9
15/153	Y88G_100_100$_{de}$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.0	1.0	0.614	57.2	−59.5	28.9	66.2	154.0	0.0	1.0	0.618	57.8	−59.5	29.3	66.4	153.7	0.6	187	0.0	1.0	0.614	57.2	−59.5	28.9	66.2	154.0
16/72	G00C_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2	0.0	1.0	0.75	59.2	−54.6	18.4	57.6	161.2	1.2	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
17/73	G13C_100_100$_{de}$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.796	58.9	−52.7	10.6	53.7	168.6	0.125	0.75	0.625	58.8	−51.6	7.2	52.2	171.9	3.4	198	0.0	1.0	0.796	58.9	−52.7	10.6	53.7	168.6
18/74	G25C_100_100$_{de}$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.838	59.4	−49.6	4.3	49.8	175.0	0.023	0.874	0.749	58.0	−50.8	2.3	50.9	177.3	2.7	201	0.0	1.0	0.838	59.4	−49.6	4.3	49.8	175.0
19/75	G38C_100_100$_{de}$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.882	59.7	−46.3	−1.8	46.4	182.3	0.0	0.997	0.874	59.8	−46.5	−1.7	46.5	182.1	0.2	203	0.0	1.0	0.882	59.7	−46.3	−1.8	46.4	182.3
20/76	G50C_100_100$_{de}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6	0.185	0.623	0.623	58.6	−44.0	−10.5	45.3	193.4	3.2	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
21/77	G63C_100_100$_{de}$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.948	58.2	−44.2	−13.4	46.2	196.9	0.125	0.75	0.75	58.4	−43.7	−12.2	45.4	195.6	1.2	207	0.0	1.0	0.948	58.2	−44.2	−13.4	46.2	196.9
22/78	G75C_100_100$_{de}$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.981	57.5	−42.0	−18.9	46.1	204.2	0.0	0.875	0.875	57.1	−42.5	−18.8	46.5	203.9	0.5	209	0.0	1.0	0.981	57.5	−42.0	−18.9	46.1	204.2
23/79	G88C_100_100$_{de}$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	0.984	1.0	56.6	−40.2	−23.7	46.7	210.5	0.0	0.993	1.0	57.5	−39.4	−23.4	45.9	210.7	1.2	210	0.0	0.984	1.0	56.6	−40.2	−23.7	46.7	210.5
24/80	C00B_100_100$_{de}$	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	0.169	0.623	0.749	55.7	−34.6	−30.2	46.0	221.1	4.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
25/71	C13B_100_100$_{de}$	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	0.125	0.75	0.875	54.6	−36.7	−33.2	49.5	222.1	1.5	215	0.0	0.897	1.0	54.0	−36.6	−34.6	50.4	223.3
26/62	C25B_100_100$_{de}$	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	0.038	0.749	0.916	52.6	−32.4	−41.1	52.4	231.7	1.9	217	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7
27/53	C38B_100_100$_{de}$	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	0.003	0.749	0.958	52.7	−25.2	−48.6	54.8	242.5	5.2	220	0.0	0.798	1.0	52.9	−29.4	−45.5	54.2	237.0
28/44	C50B_100_100$_{de}$	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	0.731	1.0	52.6	−23.2	−50.0	55.2	245.0	0.9	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
29/35	C63B_100_100$_{de}$	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	0.556	0.979	48.0	−15.9	−49.8	52.3	252.1	0.7	236	0.0	0.553	1.0	48.1	−16.6	−50.2	52.8	251.6
30/26	C75B_100_100$_{de}$	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	0.375	0.875	44.2	−9.7	−49.7	50.7	258.8	0.0	251	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9
31/17	C88B_100_100$_{de}$	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	0.222	0.15	0.902	41.1	−4.6	−49.3	49.5	264.6	0.7	278	0.155	0.0	1.0	40.8	−3.9	−49.1	49.3	265.3
32/8	B00M_100_100$_{de}$	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	0.401	0.0	1.0	38.4	0.0	−49.6	49.6	270.1	1.4	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
33/89	B13M_100_100$_{de}$	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	0.401	0.089	0.828	37.4	6.4	−47.9	48.3	277.6	1.0	298	0.483	0.0	1.0	36.7	7.1	−48.2	48.7	278.3
34/170	B25M_100_100$_{de}$	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	0.5	0.0	0.875	36.4	13.2	−44.8	46.8	286.4	1.6	302	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0
35/251	B38M_100_100$_{de}$	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	0.488	0.125	0.834	38.8	16.5	−43.4	46.5	290.8	2.2	306	0.602	0.0	1.0	37.1	18.0	−43.4	47.0	292.5
36/332	B50M_100_100$_{de}$	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	0.467	0.22	0.623	38.9	25.6	−39.6	47.1	302.9	2.3	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
37/413	B63M_100_100$_{de}$	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	0.652	0.187	0.874	41.1	29.2	−35.8	46.2	309.1	1.5	313	0.711	0.0	1.0	40.1	28.7	−37.0	46.9	307.7
38/494	B75M_100_100$_{de}$	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	0.739	0.185	0.919	43.5	32.9	−32.8	46.5	315.1	2.1	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3
39/575	B88M_100_100$_{de}$	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	0.774	0.25	0.874	45.9	36.7	−30.0	47.4	320.7	3.9	319	0.807	0.0	1.0	43.3	39.6	−30.9	50.2	321.9
40/656	M00R_100_100$_{de}$	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	0.775	0.285	0.77	46.9	42.1	−26.1	49.5	328.1	3.8	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
41/655	M13R_100_100$_{de}$	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	0.875	0.25	0.875	47.3	51.4	−21.9	55.9	336.8	2.0	324	0.893	0.0	1.0	46.3	51.5	−23.7	56.7	335.2
42/654	M25R_100_100$_{de}$	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	0.804	0.299	0.623	47.3	60.1	−18.0	62.7	343.3	1.7	326	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8
43/653	M38R_100_100$_{de}$	1.0	0.0	0.625	1.0	1.0	0.5	352	0.986	0.0	1.0	49.6	68.7	−12.7	69.9	349.4	0.873	0.285	0.622	49.5	68.8	−12.2	69.9	349.9	0.6	329	0.986	0.0	1.0	49.6	68.7	−12.7	69.9	349.4
44/652	M50R_100_100$_{de}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0	0.997	0.117	0.953	49.7	73.2	−9.4	73.8	352.6	1.5	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
45/651	M63R_100_100$_{de}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.699	48.3	71.8	1.2	71.8	0.9	1.0	0.125	0.691	48.3	72.3	−0.7	72.3	359.3	2.0	347	1.0	0.0	0.699	48.3	71.8	1.2	71.8	0.9
46/650	M75R_100_100$_{de}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8	1.0	0.0	0.501	48.6	68.7	9.9	69.5	368.2	2.0	360	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8
47/649	M88R_100_100$_{de}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.369	48.4	65.6	20.9	68.9	17.6	1.0	0.004	0.371	48.5	66.2	19.3	68.9	376.2	1.7	368	1.0	0.0	0.369	48.4	65.6	20.9	68.9	17.6
48/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4	0.996	0.115	0.26	48.5	64.6	28.8	70.7	384.0	1.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
49/0	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	0.0	0.0	0.0	0.0	1.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
50/91	NW_013$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.264	0.257	0.25	25.9	0.0	−0.8	0.8	271.5	0.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
51/182	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.338	0.313	0.302	32.2	0.8	0.0	0.8	6.3	3.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
52/273	NW_038$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.437	0.413	0.406	43.5	1.6	−0.8	1.8	332.7	3.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
53/364	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.542	0.524	0.517	54.6	0.5	−0.9	1.0	300.9	1.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
54/455	NW_063$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.647	0.638	0.635	66.7	0.1	−1.0	1.0	277.7	1.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
55/546	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.77	0.762	0.763	76.4	0.1	−0.1	0.2	305.2	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
56/637	NW_088$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	87.3	0.1	0.1	0.1	36.1	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
57/728	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	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 1.7

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, $\Delta E'^*$

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

1−1131734−F0

n/j	**HIC*$_{Fde}$**	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'**$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
0/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4	0.996	0.115	0.26	48.5	64.6	28.8	70.7	24.0	1.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
1/666	R25Y_100_100$_{de}$	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	0.264	0.0	50.6	58.6	51.1	77.8	41.1	0.1	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
2/684	R50Y_100_100$_{de}$	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	0.464	0.0	62.7	34.5	63.5	72.3	61.4	3.8	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
3/702	R75Y_100_100$_{de}$	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	0.999	0.617	0.126	72.7	15.9	72.8	74.6	77.6	1.3	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
4/720	Y00G_100_100$_{de}$	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	0.799	0.0	84.3	−3.8	86.0	86.1	92.5	0.4	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
5/558	Y25G_100_100$_{de}$	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	0.878	1.0	0.0	84.8	−26.5	82.7	86.9	107.7	2.3	96	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6
6/396	Y50G_100_100$_{de}$	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	0.625	0.875	0.0	69.9	−43.3	58.3	72.6	126.5	1.0	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
7/234	Y75G_100_100$_{de}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9	0.031	1.0	0.111	59.0	−58.9	41.4	72.0	144.8	1.6	153	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9
8/72	G00B_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2	0.0	1.0	0.75	59.2	−54.6	18.4	57.6	161.2	1.2	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
9/72	G00B_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2	0.0	1.0	0.75	59.2	−54.6	18.4	57.6	161.2	1.2	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
10/76	G25B_100_100$_{de}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6	0.185	0.623	0.623	58.6	−44.0	−10.5	45.3	193.4	3.2	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
11/80	G50B_100_100$_{de}$	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	0.169	0.623	0.749	55.7	−34.6	−30.2	46.0	221.1	4.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
12/44	G75B_100_100$_{de}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3	0.0	0.731	1.0	52.6	−23.2	−50.0	55.2	245.0	0.9	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
13/8	B00M_100_100$_{de}$	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	0.401	0.0	1.0	38.4	0.0	−49.6	49.6	270.1	1.4	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
14/332	B25R_100_100$_{de}$	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	0.467	0.22	0.623	38.9	25.6	−39.6	47.1	302.9	2.3	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
15/656	B50R_100_100$_{de}$	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	0.775	0.285	0.77	46.9	42.1	−26.1	49.5	328.1	3.8	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
16/652	B75R_100_100$_{de}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0	0.997	0.117	0.953	49.7	73.2	−9.4	73.8	352.6	1.5	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
17/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4	0.996	0.115	0.26	48.5	64.6	28.8	70.7	24.0	1.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
18/688	R00Y_100_050$_{de}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.618	72.3	32.1	15.3	35.5	25.4	1.0	0.602	0.61	72.4	28.4	10.7	30.4	20.6	5.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
19/706	R50Y_100_050$_{de}$	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	0.685	0.521	79.1	13.5	26.1	29.4	62.6	7.5	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
20/724	Y00G_100_050$_{de}$	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	0.89	0.62	90.2	−5.3	38.7	39.1	97.8	5.5	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
21/562	Y50G_100_050$_{de}$	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	0.729	0.86	0.611	84.2	−22.9	29.3	37.2	128.0	1.7	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
22/400	G00B_100_050$_{de}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.877	77.4	−27.4	8.8	28.8	162.2	0.551	0.874	0.749	77.9	−25.3	8.2	26.6	162.0	2.2	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
23/404	G50B_100_050$_{de}$	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	0.532	0.809	0.868	77.5	−19.1	−13.5	23.4	215.3	1.9	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
24/368	B00R_100_050$_{de}$	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	0.636	0.606	0.829	69.0	1.5	−25.6	25.6	273.4	2.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
25/692	B50R_100_050$_{de}$	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	0.805	0.613	0.749	72.5	21.0	−12.2	24.3	329.8	2.8	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
26/688	R00Y_100_050$_{de}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.618	72.3	32.1	15.3	35.5	25.4	1.0	0.602	0.61	72.4	28.4	10.7	30.4	20.6	5.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
27/506	R00Y_075_050$_{de}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.368	52.2	32.1	15.3	35.5	25.4	0.719	0.368	0.352	54.3	30.5	13.9	33.5	24.6	2.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
28/524	R50Y_075_050$_{de}$	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	0.728	0.45	0.304	60.3	16.6	28.3	32.8	59.6	4.2	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
29/542	Y00G_075_050$_{de}$	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	0.739	0.616	0.36	71.2	−1.9	40.9	41.0	92.6	2.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
30/380	Y50G_075_050$_{de}$	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	0.505	0.584	0.367	65.2	−19.5	27.3	33.6	125.5	3.6	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
31/218	G00B_075_050$_{de}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.627	57.2	−27.4	8.8	28.8	162.2	0.35	0.554	0.456	58.5	−25.8	7.4	26.8	163.8	2.4	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
32/222	G50B_075_050$_{de}$	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	0.328	0.542	0.599	56.1	−17.1	−15.6	23.2	222.3	2.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
33/186	B00R_075_050$_{de}$	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	0.391	0.379	0.538	50.7	−0.2	−23.6	23.6	269.2	4.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
34/510	B50R_075_050$_{de}$	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	0.579	0.391	0.513	48.9	22.2	−14.8	26.7	326.1	1.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
35/506	R00Y_075_050$_{de}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.368	52.2	32.1	15.3	35.5	25.4	0.719	0.368	0.352	54.3	30.5	13.9	33.5	24.6	2.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
36/324	R00Y_050_050$_{de}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.118	32.0	32.1	15.3	35.5	25.4	0.482	0.157	0.145	32.9	35.1	15.0	38.2	23.1	3.1	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
37/342	R50Y_050_050$_{de}$	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	0.509	0.267	0.108	39.9	18.5	32.3	37.2	60.1	1.7	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
38/360	Y00G_050_050$_{de}$	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	0.512	0.42	0.156	51.6	−3.6	45.4	45.6	94.6	3.5	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
39/198	Y50G_050_050$_{de}$	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	0.309	0.386	0.16	43.0	−20.5	31.7	37.7	122.8	3.2	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
40/36	G00B_050_050$_{de}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.377	37.1	−27.4	8.8	28.8	162.2	0.198	0.349	0.254	39.4	−23.7	5.9	24.5	165.9	5.2	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
41/40	G50B_050_050$_{de}$	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	0.176	0.321	0.369	37.3	−16.9	−16.7	23.8	224.5	3.6	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
42/4	B00R_050_050$_{de}$	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	0.171	0.155	0.295	29.2	−1.4	−27.0	27.1	267.0	3.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
43/328	B50R_050_050$_{de}$	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	0.357	0.18	0.298	32.2	24.9	−15.4	29.3	328.2	3.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
44/324	R00Y_050_050$_{de}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.118	32.0	32.1	15.3	35.5	25.4	0.482	0.157	0.145	32.9	35.1	15.0	38.2	23.1	3.1	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
45/0	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	0.0	0.0	0.0	0.0	1.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
46/91	NW_013$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.264	0.257	0.25	25.9	0.0	−0.8	0.8	271.5	0.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
47/182	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.338	0.313	0.302	32.2	0.8	0.0	0.8	6.3	3.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
48/273	NW_038$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.437	0.413	0.406	43.5	1.6	−0.8	1.8	332.7	3.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
49/364	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.542	0.524	0.517	54.6	0.5	−0.9	1.0	300.9	1.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
50/455	NW_063$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.647	0.638	0.635	66.7	0.1	−1.0	1.0	277.7	1.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
51/546	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.77	0.762	0.763	76.4	0.1	−0.1	0.2	305.2	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
52/637	NW_088$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	87.3	0.1	0.1	0.1	36.1	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
53/728	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 2.6

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, $\Delta E'^*$

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

1−1131834−F0

TUB registration: 20150701-RE81/RE81L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb* (RGB)

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 20/33

n=j	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde		
0	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0
1	B00R_012_012de	0.0	0.0	0.125	0.125	0.125	0.062	270	0.049	0.0	0.125
2	B00R_025_025de	0.0	0.0	0.25	0.25	0.25	0.125	270	0.099	0.0	0.25
3	B00R_037_037de	0.0	0.0	0.375	0.375	0.375	0.187	270	0.148	0.0	0.375
4	B00R_050_050de	0.0	0.0	0.5	0.5	0.5	0.25	270	0.198	0.0	0.5
5	B00R_062_062de	0.0	0.0	0.625	0.625	0.625	0.312	270	0.248	0.0	0.625
6	B00R_075_075de	0.0	0.0	0.75	0.75	0.75	0.375	270	0.297	0.0	0.75
7	B00R_087_087de	0.0	0.0	0.875	0.875	0.875	0.437	270	0.347	0.0	0.875
8	B00R_100_100de	0.0	0.0	1.0	1.0	1.0	0.5	270	0.397	0.0	1.0
9	G00B_012_012de	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.094
10	G50B_012_012de	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.117	0.125
11	G75B_025_025de	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.183	0.25
12	G84B_037_037de	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.177	0.375
13	G88B_050_050de	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.158	0.5
14	G90B_062_062de	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.143	0.625
15	G92B_075_075de	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.112	0.75
16	G93B_087_087de	0.0	0.125	0.875	0.875	0.875	0.437	262	0.037	0.0	0.875
17	G94B_100_100de	0.0	0.125	1.0	1.0	1.0	0.5	263	0.155	0.0	1.0
18	G00B_025_025de	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.188
19	G25B_025_025de	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.228
20	G50B_025_025de	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.235	0.25
21	G65B_037_037de	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.307	0.375
22	G75B_050_050de	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.366	0.5
23	G80B_062_062de	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.361	0.625
24	G84B_075_075de	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.354	0.75
25	G86B_087_087de	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.324	0.875
26	G88B_100_100de	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.317	1.0
27	G00B_037_037de	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.282
28	G15B_037_037de	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.325
29	G34B_037_037de	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.36
30	G50B_037_037de	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.352	0.375
31	G61B_050_050de	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.426	0.5
32	G69B_062_062de	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.494	0.625
33	G75B_075_075de	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.549	0.75
34	G79B_087_087de	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.547	0.875
35	G81B_100_100de	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.553	1.0
36	G00B_050_050de	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.377
37	G11B_050_050de	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.419
38	G25B_050_050de	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.457
39	G38B_050_050de	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.49
40	G50B_050_050de	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.47	0.5
41	G59B_062_062de	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.545	0.625
42	G65B_075_075de	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.614	0.75
43	G70B_087_087de	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.68	0.875
44	G75B_100_100de	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.732	1.0
45	G00B_062_062de	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.471
46	G09B_062_062de	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.512
47	G19B_062_062de	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.554
48	G30B_062_062de	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.59
49	G40B_062_062de	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.621
50	G50B_062_062de	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.588	0.625
51	G57B_075_075de	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.664	0.75
52	G63B_087_087de	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.734	0.875
53	G68B_100_100de	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.798	1.0
54	G00B_075_075de	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.565
55	G07B_075_075de	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.606
56	G15B_075_075de	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.651
57	G25B_075_075de	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.686
58	G34B_075_075de	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.72
59	G42B_075_075de	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.747	0.75
60	G50B_075_075de	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.705	0.75
61	G56B_087_087de	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.78	0.875
62	G61B_100_100de	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.852	1.0
63	G00B_087_087de	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.66
64	G06B_087_087de	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.702
65	G13B_087_087de	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.744
66	G20B_087_087de	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.783
67	G29B_087_087de	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.819
68	G36B_087_087de	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.851
69	G43B_087_087de	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.867	0.875
70	G50B_087_087de	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.823	0.875
71	G55B_100_100de	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.897	1.0
72	G00B_100_100de	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.754
73	G05B_100_100de	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.796
74	G11B_100_100de	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.838
75	G18B_100_100de	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.882
76	G25B_100_100de	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.915
77	G31B_100_100de	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.948
78	G38B_100_100de	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.981
79	G44B_100_100de	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	0.984	1.0
80	G50B_100_100de	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.941	1.0

n=j	LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde
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
1	18.5	0.1	-6.2	6.2	271.7	0.129	0.118	0.154	16.2	-0.8	-0.8	1.2	225.9	5.9
2	21.3	0.3	-12.4	12.4	271.7	0.147	0.13	0.194	20.7	-3.1	-9.1	9.7	251.0	4.8
3	24.1	0.5	-18.6	18.7	271.7	0.166	0.147	0.243	21.2	-0.8	-25.3	25.3	268.0	7.3
4	26.9	0.7	-24.9	24.9	271.7	0.171	0.155	0.295	27.3	-1.5	-34.8	34.8	267.4	10.1
5	29.7	0.9	-31.1	31.1	271.7	0.174	0.16	0.345	32.1	-3.2	-38.4	38.5	265.1	8.7
6	32.4	1.1	-37.3	37.4	271.7	0.178	0.165	0.407	35.6	-4.3	-42.2	42.4	264.0	8.0
7	35.2	1.3	-43.6	43.6	271.7	0.187	0.167	0.492	37.8	-4.1	-45.6	45.8	264.8	6.3
8	38.0	1.5	-49.8	49.8	271.7	0.401	0.0	1.0	40.4	-5.3	-47.8	48.1	263.6	7.5
9	21.1	-6.8	2.2	7.2	162.2	0.13	0.158	0.131	23.1	-24.2	9.1	25.9	159.3	18.8
10	20.7	-4.8	-3.6	6.0	216.9	0.126	0.147	0.155	17.4	-11.4	-4.3	12.2	200.8	7.3
11	24.8	-6.0	-12.5	13.9	244.3	0.153	0.179	0.231	22.8	-6.1	-23.7	24.5	255.4	11.3
12	27.3	-5.2	-18.7	19.4	254.3	0.165	0.197	0.289	27.2	-2.6	-34.0	34.1	265.5	15.4
13	30.0	-4.8	-24.8	25.3	258.9	0.168	0.204	0.336	31.3	-3.4	-38.5	38.6	264.8	13.7
14	32.6	-4.5	-31.0	31.3	261.6	0.171	0.212	0.384	35.1	-3.9	-41.8	42.0	264.6	11.1
15	35.3	-4.1	-36.8	37.1	263.5	0.175	0.219	0.448	37.7	-4.8	-44.4	44.7	263.7	8.0
16	38.1	-4.1	-42.9	43.1	264.4	0.177	0.229	0.521	39.6	-4.4	-47.1	47.3	264.5	4.5
17	40.8	-3.9	-49.1	49.3	265.3	0.222	0.15	0.902	41.5	-5.0	-49.0	49.2	264.0	1.3
18	26.4	-13.7	4.4	14.4	162.2	0.152	0.21	0.155	32.6	-40.9	19.0	45.1	155.0	31.4
19	26.5	-11.4	-1.9	11.5	189.6	0.185	0.254	0.239	31.7	-46.5	17.3	49.7	159.5	40.4
20	25.6	-9.7	-7.3	12.1	216.9	0.153	0.201	0.218	26.8	-29.3	-6.7	30.0	192.9	19.6
21	29.7	-11.6	-16.2	20.0	234.3	0.158	0.249	0.313	32.8	-13.6	-34.1	36.7	248.2	18.1
22	33.9	-12.0	-25.1	27.8	244.3	0.161	0.268	0.383	36.6	-6.9	-42.8	43.4	260.7	18.6
23	36.2	-10.9	-31.4	33.2	250.7	0.159	0.271	0.435	39.7	-7.0	-45.2	45.8	261.1	14.8
24	39.0	-10.4	-37.4	38.9	254.3	0.158	0.285	0.493	41.6	-6.7	-47.8	48.3	261.9	11.2
25	41.5	-9.9	-43.5	44.6	257.1	0.149	0.307	0.587	42.3	-6.1	-49.5	49.8	262.9	7.1
26	44.2	-9.7	-49.7	50.7	258.9	0.0	0.375	0.875	42.9	-7.6	-49.7	50.3	261.2	2.3
27	31.7	-20.6	6.6	21.6	162.2	0.189	0.297	0.22	41.5	-49.4	26.8	56.2	151.5	36.5
28	32.3	-17.6	0.1	17.6	179.5	0.2	0.304	0.271	40.5	-53.3	25.5	59.1	154.3	44.6
29	31.6	-16.3	-5.8	17.3	199.6	0.185	0.289	0.291	41.2	-68.2	22.9	72.0	161.3	60.1
30	30.6	-14.5	-10.9	18.2	216.9	0.169	0.27	0.302	40.3	-48.4	-6.5	48.9	187.6	35.5
31	34.4	-16.8	-19.9	26.1	229.7	0.157	0.291	0.37	43.4	-22.7	-39.6	45.7	240.1	22.4
32	38.9	-18.0	-28.8	34.0	237.9	0.147	0.33	0.46	45.0	-12.4	-47.6	49.2	255.3	20.5
33	43.1	-18.0	-37.6	41.8	244.3	0.136	0.382	0.558	44.2	-9.0	-49.4	50.2	259.6	14.8
34	45.2	-16.9	-44.0	47.1	248.9	0.04	0.391	0.605	44.3	-9.7	-49.7	50.6	258.9	9.2
35	48.1	-16.6	-50.2	52.8	251.6	0.0	0.556	0.979	45.3	-11.4	-49.7	51.0	256.9	5.8
36	37.1	-27.4	8.8	28.8	162.2	0.198	0.349	0.254	47.7	-54.5	31.7	63.1	149.8	37.0
37	37.6	-24.8	2.1	24.9	175.0	0.206	0.359	0.303	47.0	-56.7	30.9	64.6	151.3	44.0
38	37.3	-22.8	-3.8	23.1	189.6	0.206	0.364	0.344	46.6	-63.9	28.5	70.0	155.9	53.1
39	36.6	-21.0	-9.4	23.0	204.2	0.198	0.354	0.369	47.8	-77.6	25.3	81.7	161.8	67.4
40	35.5	-19.4	-14.6	24.2	216.9	0.176	0.321	0.369	49.5	-58.1	-7.4	58.6	187.2	41.8
41	39.2	-21.9	-23.5	32.1	227.0	0.15	0.354	0.444	50.9	-33.5	-37.2	50.1	227.9	21.5
42	43.7	-23.3	-32.5	40.1	234.3	0.136	0.402	0.54	49.0	-16.8	-49.5	52.3	251.2	18.9
43	48.1	-24.2	-41.5	48.1	239.7	0.015	0.446	0.623	46.9	-14.1	-49.8	51.8	254.2	13.1
44	52.2	-24.1	-50.2	55.7	244.3	0.0	0.731	1.0	47.1	-14.6	-50.0	52.1	253.6	10.7
45	42.4	-34.3	11.0	36.0	162.2	0.21	0.415	0.298	52.2	-57.6	35.4	67.6	148.3	35.1
46	42.9	-31.9	4.3	32.2	172.2	0.215	0.43	0.36	51.5	-60.2	34.5	69.4	150.1	42.3
47	43.2	-28.9	-1.6	28.9	183.2	0.218	0.43	0.397	51.7	-64.2	34.0	72.6	152.1	50.8
48	42.3	-27.7	-7.9	28.9	195.9	0.201	0.416	0.419	51.5	-72.1	32.4	79.0	155.7	60.6
49	41.6	-25.6	-13.0	28.8	206.9	0.19	0.402	0.433	50.2	-72.2	17.0	74.2	166.7	56.0
50	40.4	-24.2	-18.2	30.3	216.9	0.17	0.384	0.442	51.8	-55.1	-12.5	56.5	192.8	33.4
51	44.1	-26.9	-27.0	38.1	225.1	0.147	0.416	0.519	52.5	-37.6	-36.2	52.2	223.9	16.4
52	48.4	-28.6	-36.1	46.1	231.5	0.128	0.477	0.621	51.6	-22.3	-50.2	54.9	245.9	15.7
53	52.9	-29.4	-45.5	54.2	237.0	0.003	0.749	0.958	49.4	-19.3	-50.3	53.8	248.9	11.7
54	47.8	-41.2	13.2	43.2	162.2	0.216	0.478	0.353	57.0	-60.2	38.8	71.6	147.1	33.2
55	48.2	-38.9	6.5	39.4	170.4	0.215	0.483	0.4	56.7	-62.2	38.3	73.0	148.3	40.2
56	48.8	-35.2	0.2	35.2	179.5	0.223	0.491	0.44	55.8	-63.6	37.3	73.8	149.5	47.2
57	48.2	-34.2	-5.7	34.7	189.6	0.212	0.484	0.468	54.7	-65.6	35.4	74.5	151.6	52.1
58	47.4	-32.6	-11.6	34.6	199.6	0.201	0.472	0.49	54.2	-65.8	27.3	71.2	157.4	51.6
59	46.7	-30.3	-16.6	34.6	208.7	0.193	0.459	0.505	55.5	-57.3	7.6	57.8	172.4	37.3
60	45.4	-29.1	-21.9	36.4	216.9	0.169	0.437	0.512	55.2	-48.5	-14.0	50.5	196.1	23.1
61	49.0	-31.7	-30.9	44.3	224.2	0.143	0.494	0.606	52.7	-36.7	-37.2	52.2	225.3	8.7
62	53.2	-33.7	-39.8	52.2	229.7	0.038	0.749	0.916	52.6	-24.9	-50.1	56.0	243.5	13.5
63	53.1	-48.0	15.4	50.4	162.2	0.125	1.0	0.75	58.9	-58.7	40.8	71.5	145.1	28.2
64	53.6	-45.7	8.4	46.5	169.5	0.211	0.563	0.463	58.0	-60.1	40.3	72.4	146.1	35.2
65	54.1	-42.5	2.3	42.6	176.8	0.0	1.0	0.875	57.4	-60.6	39.3	72.2	147.0	41.2
66	54.0	-40.4	-3.5	40.5	185.0	0.125	1.0	0.874	56.4	-62.6	37.5	73.0	149.0	46.7
67	53.1	-39.2	-9.9	40.4	194.1	0.191	0.559	0.564	56.0	-62.8	32.5	70.7	152.6	48.6
68	52.4	-37.3	-15.3	40.4	202.3	0.125	0.874	0.874	56.8	-58.9	22.5	63.1	159.1	43.8
69	51.6	-35.3	-20.1	40.6	209.6	0.125	1.0	1.0	58.3	-51.2	4.3	51.4	175.1	29.9
70	50.3	-33.9	-25.5	42.5	216.9	0.158	0.52	0.604	56.8	-43.3	-17.5	46.7	202.0	13.9
71	54.0	-36.6	-34.6	50.4	223.3	0.125	0.75	0.875	53.3	-35.2	-37.3	51.3	226.7	3.2
72	58.4	-54.9	17.6	57.7	162.2	0.0	1.0	0.75	58.9	-58.6	41.3	71.8	144.8	24.0
73	58.9	-52.7	10.6	53.7	168.6	0.125	0.75	0.625	57.9	-60.4	40.4	72.7	146.1	30.8
74	59.4	-49.6	4.3	49.8	175.0	0.023	0.874	0.749	57.6	-60.6	38.9	72.0	147.2	36.3
75	59.7	-46.3	-1.8	46.4	182.3	0.0	0.997	0.874	57.2	-61.5	37.6	72.1	148.5	42.3
76	59.0	-45.6	-7.7	46.3	189.6	0.185	0.623	0.623	57.1	-60.7	32.7	68.9	151.6	43.2
77	58.2	-44.2	-13.4	46.2	196.9	0.125	0.75	0.75	57.3	-59.4	28.6	65.9	154.2	44.7
78	57.5	-42.0	-18.9	46.1	204.2	0.0	0.875	0.875	58.4	-55.1	18.4	58.1	161.5	39.5
79	56.6	-40.2	-23.7	46.7	210.5	0.0	0.993	1.0	59.9	-46.4	-0.4	46.4	180.5	24.3
80	55.3	-38.8	-29.2	48.5	216.9	0.169	0.623	0.749	57.0	-40.5	-21.8	46.1	208.3	7.7

Mean color difference of this page: **delta** **25.7**

n=j	hsiM,de	rgb*Mde			LabCh*Mde				
0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1	293	0.397	0.0	1.0	38.0	1.5	-49.8	49.8	271.7
2	293	0.397	0.0	1.0	38.0	1.5	-49.8	49.8	271.7
3	293	0.397	0.0	1.0	38.0	1.5	-49.8	49.8	271.7
4	293	0.397	0.0	1.0	38.0	1.5	-49.8	49.8	271.7
5	293	0.397	0.0	1.0	38.0	1.5	-49.8	49.8	271.7
6	293	0.397	0.0	1.0	38.0	1.5	-49.8	49.8	271.7
7	293	0.397	0.0	1.0	38.0	1.5	-49.8	49.8	271.7
8	293	0.397	0.0	1.0	38.0	1.5	-49.8	49.8	271.7
9	196	0.0	1.0	0.754	58.4	-54.9	17.6	57.7	162.2
10	213	0.0	0.941	1.0	55.3	-38.8	-29.2	48.5	216.9
11	224	0.0	0.732	1.0	52.2	-24.1	-50.2	55.7	244.3
12	241	0.0	0.472	1.0	46.7	-13.9	-49.9	51.9	254.3
13	251	0.0	0.317	1.0	44.2	-9.7	-49.7	50.7	258.9
14	257	0.0	0.229	1.0	42.7	-7.2	-49.6	50.1	261.6
15	262	0.0	0.149	1.0	41.8	-5.5	-49.1	49.4	263.5
16	272	0.042	0.0	1.0	41.3	-4.7	-49.0	49.2	264.4
17	278	0.155	0.0	1.0	40.8	-3.9	-49.1	49.3	265.3
18	196	0.0	1.0	0.754	58.4	-54.9	17.6	57.7	162.2
19	205	0.0	1.0	0.915	59.0	-45.6	-7.7	46.3	189.6
20	213	0.0	0.941	1.0	55.3	-38.8	-29.2	48.5	216.9
21	219	0.0	0.818	1.0	53.0	-31.1	-43.4	53.4	234.3
22	224	0.0	0.732	1.0	52.2	-24.1	-50.2	55.7	244.3
23	234	0.0	0.577	1.0	48.5	-17.5	-50.2	53.2	250.7
24	241	0.0	0.472	1.0	46.7	-13.9	-49.9	51.9	254.3
25	248	0.0	0.37	1.0	45.2	-11.3	-49.7	51.0	257.1
26	251	0.0	0.317	1.0	44.2	-9.7	-49.7	50.7	258.9
27	196	0.0	1.0	0.754	58.4	-54.9	17.6	57.7	162.2
28	203	0.0	1.0	0.868	59.8	-47.0	0.3	47.0	179.5
29	208	0.0	1.0	0.96	57.9	-43.5	-15.5	46.2	199.6
30	213	0.0	0.941	1.0	55.3	-38.8	-29.2	48.5	216.9
31	217	0.0	0.852	1.0	53.2	-33.7	-39.8	52.2	229.7
32	221	0.0	0.791	1.0	52.8	-28.8	-46.1	54.4	237.9
33	224	0.0	0.732	1.0	52.2	-24.1	-50.2	55.7	244.3
34	231	0.0	0.626	1.0	49.4	-19.3	-50.3	53.9	248.9
35	236	0.0	0.553	1.0	48.1	-16.6	-50.2	52.8	251.6
36	196	0.0	1.0	0.754	58.4	-54.9	17.6	57.7	162.2
37	201	0.0	1.0	0.838	59.4	-49.6	4.3	49.8	175.0
38	205	0.0	1.0	0.915	59.0	-45.6	-7.7	46.3	189.6
39	209	0.0	1.0	0.981	57.5	-42.0	-18.9	46.1	204.2
40	213	0.0	0.941	1.0	55.3	-38.8	-29.2	48.5	216.9
41	216	0.0	0.872	1.0	53.3	-35.0	-37.6	51.4	227.0
42	219	0.0	0.818	1.0	53.0	-31.1	-43.4	53.4	234.3
43	222	0.0	0.778	1.0	52.8	-27.6	-47.5	54.9	239.7
44	224	0.0	0.732	1.0	52.2	-24.1	-50.2	55.7	244.3
45	196	0.0	1.0	0.754	58.4	-54.9	17.6	57.7	162.2
46	200	0.0	1.0	0.82	59.2	-51.0	6.9	51.5	172.2
47	204	0.0	1.0	0.886	59.6	-46.3	-2.6	46.3	183.2
48	207	0.0	1.0	0.944	58.3	-44.4	-12.7	46.2	195.9
49	209	0.0	1.0	0.993	57.2	-41.1	-20.8	46.1	206.9
50	213	0.0	0.941	1.0	55.3	-38.8	-29.2	48.5	216.9
51	216	0.0	0.885	1.0	53.6	-35.8	-36.1	50.9	225.1
52	218	0.0	0.839	1.0	53.1	-32.7	-41.2	52.7	231.5
53	220	0.0	0.798	1.0	52.9	-29.4	-45.5	54.2	237.0
54	196	0.0	1.0	0.754	58.4	-54.9	17.6	57.7	162.2
55	199	0.0	1.0	0.808	59.1	-51.9	8.7	52.6	170.4
56	203	0.0	1.0	0.868	59.8	-47.0	0.3	47.0	179.5
57	205	0.0	1.0	0.915	59.0	-45.6	-7.7	46.3	189.6
58	208	0.0	1.0	0.96	57.9	-43.5	-15.5	46.2	199.6
59	210	0.0	0.997	1.0	57.0	-40.5	-22.2	46.2	208.7
60	213	0.0	0.941	1.0	55.3	-38.8	-29.2	48.5	216.9
61	215	0.0	0.891	1.0	53.8	-36.2	-35.3	50.6	224.2
62	217	0.0	0.852	1.0	53.2	-33.7	-39.8	52.2	229.7
63	196	0.0	1.0	0.754	58.4	-54.9	17.6	57.7	162.2
64	199	0.0	1.0	0.802	59.0	-52.3	9.6	53.2	169.5
65	202	0.0	1.0	0.85	59.6	-48.6	2.6	48.7	176.8
66	204	0.0	1.0	0.895	59.4	-46.1	-4.0	46.3	185.0
67	206	0.0	1.0	0.936	58.5	-44.8	-11.3	46.2	194.1
68	208	0.0	1.0	0.973	57.7	-42.6	-17.5	46.1	202.3
69	210	0.0	0.99	1.0	56.8	-40.3	-23.0	46.4	209.6
70	213	0.0	0.941	1.0	55.3	-38.8	-29.2	48.5	216.9
71	215	0.0	0.897	1.0	54.0	-36.6	-34.6	50.4	223.3
72	196	0.0	1.0	0.754	58.4	-54.9	17.6	57.7	162.2
73	198	0.0	1.0	0.796	58.9	-52.7	10.6	53.7	168.6
74	201	0.0	1.0	0.838	59.4	-49.6	4.3	49.8	175.0
75	203	0.0	1.0	0.882	59.7	-46.3	-1.8	46.4	182.3
76	205	0.0	1.0	0.915	59.0	-45.6	-7.7	46.3	189.6
77	207	0.0	1.0	0.948	58.2	-44.2	-13.4	46.2	196.9
78	209	0.0	1.0	0.981	57.5	-42.0	-18.9	46.1	204.2
79	210	0.0	0.984	1.0	56.6	-40.2	-23.7	46.7	210.5
80	213	0.0	0.941	1.0	55.3	-38.8	-29.2	48.5	216.9

1−1131934−F0 RE810−7N, Page 20/33−F

TUB-test chart RE81; 16 step hue circle, cf=1
colors and differences, $\Delta E'$*

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

1−1131934−F0

see similar files: http://130.149.60.45/~farbmetrik/RE81/RE81.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 21/33

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			$h_{si\_F,de}$	*rgb**$_{Fde}$			*LabCh**$_{Fde}$				
81	R00Y_012_012de	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.029	19.8	8.0	3.8	8.8	25.4
82	B50R_012_012de	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
83	B25R_025_025de	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
84	B15R_037_037de	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
85	B11R_050_050de	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
86	B09R_062_062de	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
87	B07R_075_075de	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
88	B06R_087_087de	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
89	B05R_100_100de	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
90	Y00G_012_012de	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
91	NW_012de	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
92	B00R_025_012de	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
93	B00R_037_025de	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
94	B00R_050_037de	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
95	B00R_062_050de	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
96	B00R_075_062de	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
97	B00R_087_075de	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
98	B00R_100_087de	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
99	Y50G_025_025de	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
100	G00B_025_012de	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
101	G50B_025_012de	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
102	G75B_037_025de	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
103	G84B_050_037de	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
104	G88B_062_050de	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
105	G90B_075_062de	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
106	G92B_087_075de	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
107	G93B_100_087de	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
108	Y68G_037_037de	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
109	G00B_037_025de	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
110	G25B_037_025de	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
111	G50B_037_025de	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
112	G65B_050_037de	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
113	G75B_062_050de	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
114	G80B_075_062de	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
115	G84B_087_075de	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
116	G86B_100_087de	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
117	Y76G_050_050de	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
118	G00B_050_037de	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
119	G15B_050_037de	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
120	G34B_050_037de	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
121	G50B_050_037de	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
122	G61B_062_050de	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
123	G69B_075_062de	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
124	G75B_087_075de	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
125	G79B_100_087de	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
126	Y81G_062_062de	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
127	G00B_062_050de	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
128	G11B_062_050de	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
129	G25B_062_050de	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
130	G38B_062_050de	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
131	G50B_062_050de	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
132	G59B_075_062de	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
133	G65B_087_075de	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
134	G70B_100_087de	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
135	Y85G_075_075de	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
136	G00B_075_062de	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
137	G09B_075_062de	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
138	G19B_075_062de	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
139	G30B_075_062de	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
140	G40B_075_062de	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
141	G50B_075_062de	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
142	G57B_087_075de	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
143	G63B_100_087de	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
144	Y86G_087_087de	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
145	G00B_087_075de	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
146	G07B_087_075de	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
147	G15B_087_075de	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
148	G25B_087_075de	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
149	G34B_087_075de	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
150	G42B_087_075de	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
151	G50B_087_075de	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
152	G56B_100_087de	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
153	Y88G_100_100de	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
154	G00B_100_087de	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
155	G06B_100_087de	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.827	63.7	−45.7	8.4	46.5	169.5
156	G13B_100_087de	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.869	64.2	−42.5	2.3	42.6	176.8
157	G20B_100_087de	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.908	64.0	−40.4	−3.5	40.5	185.0
158	G29B_100_087de	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.944	63.2	−39.2	−9.9	40.4	194.1
159	G36B_100_087de	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.976	62.5	−37.3	−15.3	40.4	202.3
160	G43B_100_087de	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	0.992	1.0	61.7	−35.3	−20.1	40.6	209.6
161	G50B_100_087de	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	0.948	1.0	60.4	−33.9	−25.5	42.5	216.9

n	*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'**$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
81	0.235	0.118	0.08	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	0.189	0.117	0.146	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	0.192	0.128	0.187	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	0.201	0.142	0.237	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	0.205	0.15	0.286	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	0.206	0.151	0.33	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	0.207	0.153	0.373	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	0.229	0.157	0.458	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	0.401	0.089	0.828	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	0.241	0.198	0.123	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	0.264	0.257	0.25	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	0.271	0.258	0.288	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	0.278	0.262	0.328	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	0.286	0.271	0.372	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	0.29	0.278	0.424	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	0.293	0.285	0.476	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	0.316	0.307	0.565	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	0.401	0.347	0.729	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	0.238	0.273	0.157	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	0.264	0.297	0.263	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	0.262	0.285	0.289	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	0.271	0.313	0.366	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	0.277	0.32	0.416	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	0.278	0.325	0.463	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	0.284	0.335	0.518	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	0.314	0.363	0.6	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	0.38	0.399	0.737	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	0.216	0.301	0.152	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	0.266	0.344	0.282	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	0.275	0.35	0.329	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	0.268	0.338	0.353	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	0.258	0.372	0.439	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	0.256	0.391	0.514	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	0.278	0.409	0.584	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	0.302	0.448	0.686	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	0.35	0.483	0.845	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	0.204	0.339	0.154	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	0.277	0.41	0.327	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	0.287	0.421	0.383	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	0.274	0.408	0.407	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	0.263	0.393	0.424	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	0.242	0.414	0.495	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	0.243	0.492	0.621	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	0.262	0.558	0.783	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	0.255	0.603	0.948	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	0.203	0.392	0.178	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	0.276	0.464	0.365	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	0.278	0.467	0.409	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	0.274	0.464	0.442	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	0.264	0.453	0.467	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	0.251	0.437	0.483	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	0.237	0.501	0.591	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	0.232	0.575	0.742	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	0.207	0.746	0.975	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	0.212	0.462	0.25	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	0.275	0.523	0.404	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	0.276	0.532	0.456	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	0.279	0.536	0.498	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	0.261	0.532	0.532	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	0.256	0.526	0.556	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	0.243	0.515	0.575	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	0.222	0.574	0.699	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	0.202	0.749	0.935	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	0.226	0.501	0.25	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	0.269	0.591	0.464	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	0.25	0.875	0.75	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	0.25	1.0	0.875	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	0.249	0.594	0.587	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	0.24	0.589	0.614	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	0.25	1.0	1.0	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	0.228	0.583	0.674	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	0.21	0.749	0.9	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	0.0	1.0	0.618	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	0.25	1.0	0.75	58.3	−59.3	39.8	71.5	146.0	27.3	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
155	0.185	0.749	0.623	58.7	−58.5	38.6	70.1	146.5	33.1	199	0.0	1.0	0.802	59.0	−52.3	9.6	53.2	169.5
156	0.25	0.875	0.75	58.0	−59.1	36.8	69.7	148.1	38.7	202	0.0	1.0	0.85	59.6	−48.6	2.6	48.7	176.8
157	0.25	1.0	0.875	58.3	−58.0	32.2	66.3	150.9	40.3	204	0.0	1.0	0.895	59.4	−46.1	−4.0	46.3	185.0
158	0.201	0.749	0.749	58.2	−56.5	27.0	62.7	154.4	41.1	206	0.0	1.0	0.936	58.5	−44.8	−11.3	46.2	194.1
159	0.192	0.874	0.874	59.1	−52.5	16.6	55.1	162.3	35.6	208	0.0	1.0	0.973	57.7	−42.6	−17.5	46.1	202.3
160	0.25	1.0	1.0	60.7	−44.0	−1.8	44.0	182.4	20.2	210	0.0	0.99	1.0	56.8	−40.3	−23.0	46.4	209.6
161	0.227	0.749	0.871	58.6	−38.1	−20.4	43.2	208.1	6.8	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9

Mean color difference of this page: **delta** **25.4**

1−1132034−F0

RE810−7N, Page 21/33−F

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, $\Delta E'^*$

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

TUB registration: 20150701-RE81/RE81L0FA.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/RE81/RE81.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−1132034−F0

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 22/33

TUB registration: 20150701-RE81/RE81L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb* (RGB)

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
162	R00Y_025_025de	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.059	23.9	16.0	7.6	17.7	25.4	0.311	0.137	0.107	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_025de	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	0.301	0.135	0.176	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_025de	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	0.255	0.144	0.193	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_037de	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	0.264	0.173	0.26	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_050de	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	0.26	0.167	0.295	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_062de	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	0.256	0.163	0.332	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_075de	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	0.26	0.165	0.374	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_087de	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	0.279	0.168	0.46	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_100de	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	0.5	0.0	0.875	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_025de	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	0.321	0.189	0.071	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_012de	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	0.332	0.237	0.221	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_012de	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	0.312	0.25	0.271	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_025de	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	0.313	0.251	0.311	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_037de	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	0.315	0.255	0.354	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_050de	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	0.32	0.264	0.406	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_062de	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	0.323	0.27	0.457	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_075de	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	0.332	0.279	0.521	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_087de	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	0.425	0.32	0.705	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_025de	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	0.327	0.266	0.133	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_012de	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	0.336	0.293	0.219	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_025de	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	0.338	0.313	0.302	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_012de	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	0.368	0.366	0.398	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_025de	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	0.372	0.366	0.439	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_037de	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	0.376	0.365	0.479	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_050de	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	0.391	0.379	0.538	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_062de	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	0.412	0.409	0.615	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_075de	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	0.457	0.445	0.749	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_037de	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	0.329	0.344	0.15	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_025de	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	0.321	0.355	0.237	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_012de	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	0.362	0.406	0.374	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_012de	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	0.357	0.393	0.4	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_025de	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	0.353	0.401	0.463	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_037de	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	0.361	0.406	0.51	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_050de	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	0.381	0.431	0.582	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_062de	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	0.408	0.463	0.669	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_075de	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	0.441	0.49	0.757	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_050de	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	0.309	0.386	0.16	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_037de	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	0.301	0.397	0.249	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_025de	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	0.356	0.445	0.388	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_025de	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	0.356	0.438	0.424	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_025de	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	0.347	0.423	0.445	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_037de	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	0.342	0.459	0.533	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_050de	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	0.355	0.51	0.647	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_062de	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	0.38	0.531	0.723	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_075de	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	0.43	0.557	0.854	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_062de	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	0.295	0.431	0.163	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_050de	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	0.289	0.449	0.276	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_037de	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	0.35	0.49	0.409	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_037de	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	0.359	0.496	0.458	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_037de	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	0.348	0.495	0.494	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_037de	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	0.34	0.479	0.514	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_050de	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	0.326	0.53	0.621	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_062de	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	0.333	0.612	0.765	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_075de	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	0.346	0.685	0.985	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_075de	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	0.287	0.482	0.173	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_062de	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	0.28	0.503	0.309	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_050de	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	0.35	0.554	0.456	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_050de	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	0.348	0.561	0.508	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_050de	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	0.345	0.558	0.546	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_050de	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	0.338	0.552	0.576	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_050de	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	0.328	0.542	0.599	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_062de	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	0.312	0.621	0.732	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_075de	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	0.313	0.734	0.927	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_087de	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	0.28	0.56	0.193	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_075de	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	1.0	0.623	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_062de	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	0.332	0.615	0.507	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_062de	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	0.375	1.0	0.875	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_062de	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	0.341	0.631	0.605	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_062de	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	0.325	0.633	0.646	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_062de	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	0.375	1.0	1.0	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_062de	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	0.314	0.631	0.708	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_075de	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	0.312	0.744	0.875	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_100de	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	0.031	1.0	0.111	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_087de	0.25	1.0	0.125	1.0	0.875	0.562	142	0.125	1.0	0.613	62.1	−52.6	26.9	59.1	152.9	0.25	0.875	0.5	58.9	−58.1	40.4	70.8	145.1	14.9	183	0.0	1.0	0.558	57.2	−60.1	30.7	67.5	152.9
236	G00B_100_075de	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	0.334	1.0	0.749	60.3	−55.3	38.3	67.2	145.3	29.7	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
237	G07B_100_075de	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.856	68.4	−38.9	6.5	39.4	170.4	0.25	0.875	0.75	61.0	−53.4	35.0	63.9	146.7	32.8	199	0.0	1.0	0.808	59.1	−51.9	8.7	52.6	170.4
238	G15B_100_075de	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.901	68.9	−35.2	0.2	35.2	179.5	0.376	1.0	0.874	61.3	−52.2	30.7	60.6	149.5	35.7	203	0.0	1.0	0.868	59.8	−47.0	0.3	47.0	179.5
239	G25B_100_075de	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.936	68.3	−34.2	−5.7	34.7	189.6	0.307	0.749	0.749	61.7	−50.0	24.1	55.5	154.2	34.5	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
240	G34B_100_075de	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.97	67.5	−32.6	−11.6	34.6	199.6	0.263	0.874	0.874	62.8	−45.8	14.4	48.1	162.5	29.6	208	0.0	1.0	0.96	57.9	−43.5	−15.5	46.2	199.6
241	G42B_100_075de	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	0.997	1.0	66.8	−30.3	−16.6	34.6	208.7	0.364	1.0	1.0	64.0	−38.6	−2.2	38.7	183.3	16.8	210	0.0	0.997	1.0	57.0	−40.5	−22.2	46.2	208.7
242	G50B_100_075de	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	0.314	0.749	0.854	61.5	−34.6	−19.0	39.5	208.7	7.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9

Mean color difference of this page: delta 22.7

1−1132134−F0

RE810−7N, Page 22/33−F

TUB-test chart RE81; 16 step hue circle, cf=1
colors and differences, $\Delta E'^*$

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

see similar files: http://130.149.60.45/~farbmetrik/RE81/RE81.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−1132134−F0

TUB registration: 20150701-RE81/RE81L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb* (RGB)

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 23/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde				
243	R00Y_037_037de	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
244	R18Y_037_037de	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
245	B65R_037_037de	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
246	B50R_037_037de	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
247	B38R_050_050de	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
248	B30R_062_062de	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
249	B25R_075_075de	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
250	B20R_087_087de	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
251	B18R_100_100de	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
252	R31Y_037_037de	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
253	R00Y_037_025de	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
254	R00Y_037_025de	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
255	B50R_037_025de	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
256	B34R_050_037de	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
257	B25R_062_050de	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
258	B19R_075_062de	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
259	B15R_087_075de	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
260	B13R_100_087de	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
261	R68Y_037_037de	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
262	R50Y_037_025de	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
263	R00Y_037_012de	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
264	B50R_037_012de	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
265	B25R_050_025de	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
266	B15R_062_037de	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
267	B11R_075_050de	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
268	B09R_087_062de	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
269	B07R_100_075de	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
270	Y00G_037_037de	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
271	Y00G_037_025de	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
272	Y00G_037_012de	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
273	NW_037de	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_012de	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
275	B00R_062_025de	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
276	B00R_075_037de	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
277	B00R_087_050de	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
278	B00R_100_062de	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
279	Y23G_050_050de	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
280	Y31G_050_037de	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
281	Y50G_050_025de	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
282	G00B_050_012de	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
283	G50B_050_012de	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
284	G75B_062_025de	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
285	G84B_075_037de	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
286	G88B_087_050de	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
287	G90B_100_062de	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
288	Y38G_062_062de	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
289	Y50G_062_050de	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
290	Y68G_062_037de	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
291	G00B_062_025de	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
292	G25B_062_025de	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
293	G50B_062_025de	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
294	G65B_075_037de	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
295	G75B_087_050de	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
296	G80B_100_062de	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
297	Y50G_075_075de	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
298	Y61G_075_062de	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
299	Y76G_075_050de	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
300	G00B_075_037de	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
301	G15B_075_037de	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
302	G34B_075_037de	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
303	G50B_075_037de	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
304	G61B_087_050de	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
305	G69B_100_062de	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
306	Y58G_087_087de	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
307	Y68G_087_075de	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
308	Y81G_087_062de	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
309	G00B_087_050de	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
310	G11B_087_050de	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
311	G25B_087_050de	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
312	G38B_087_050de	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
313	G50B_087_050de	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
314	G59B_100_062de	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
315	Y63G_100_100de	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
316	Y73G_100_087de	0.375	1.0	0.125	1.0	0.875	0.562	134	0.398	1.0	0.125	64.1	−50.5	37.3	62.8	143.5
317	Y85G_100_075de	0.375	1.0	0.25	1.0	0.75	0.625	141	0.25	1.0	0.626	66.9	−45.5	24.4	51.6	151.7
318	G00B_100_062de	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
319	G09B_100_062de	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.887	73.1	−31.9	4.3	32.2	172.2
320	G19B_100_062de	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.929	73.4	−28.9	−1.6	28.9	183.2
321	G30B_100_062de	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.965	72.6	−27.7	−7.9	28.9	195.9
322	G40B_100_062de	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.996	71.9	−25.6	−13.0	28.8	206.9
323	G50B_100_062de	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

n	rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
243	0.381	0.145	0.12	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	0.372	0.144	0.182	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	0.356	0.158	0.235	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	0.306	0.171	0.254	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	0.31	0.176	0.299	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	0.315	0.179	0.342	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	0.318	0.181	0.393	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	0.325	0.18	0.461	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	0.488	0.125	0.834	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	0.405	0.183	0.049	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	0.415	0.234	0.217	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	0.413	0.237	0.279	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	0.358	0.246	0.296	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	0.363	0.259	0.346	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	0.365	0.269	0.401	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	0.364	0.271	0.45	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	0.37	0.277	0.504	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	0.473	0.325	0.707	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	0.412	0.258	0.107	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	0.422	0.279	0.201	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	0.43	0.328	0.311	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	0.412	0.358	0.381	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	0.41	0.356	0.423	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	0.409	0.357	0.466	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	0.418	0.365	0.519	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	0.501	0.388	0.654	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	0.501	0.413	0.749	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	0.413	0.338	0.143	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	0.429	0.363	0.226	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	0.44	0.395	0.323	43.6	−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	0.437	0.413	0.406	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	0.445	0.434	0.466	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	0.467	0.468	0.541	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	0.488	0.482	0.597	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	0.511	0.498	0.665	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	0.552	0.53	0.787	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	0.434	0.437	0.16	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	0.429	0.439	0.255	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	0.419	0.453	0.343	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	0.442	0.478	0.445	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	0.439	0.474	0.481	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	0.453	0.512	0.576	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	0.469	0.521	0.629	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	0.493	0.543	0.706	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	0.541	0.57	0.833	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	0.41	0.476	0.166	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	0.398	0.478	0.271	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	0.386	0.489	0.347	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	0.441	0.542	0.487	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	0.445	0.54	0.53	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	0.439	0.527	0.553	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	0.435	0.563	0.65	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	0.454	0.619	0.767	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	0.504	0.613	0.857	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	0.392	0.519	0.169	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	0.376	0.52	0.28	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	0.369	0.542	0.366	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	0.43	0.59	0.516	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	0.444	0.594	0.567	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	0.432	0.588	0.602	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	0.426	0.576	0.625	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	0.414	0.652	0.748	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	0.443	0.708	0.895	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	0.388	0.585	0.168	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	0.376	0.585	0.303	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	0.358	0.607	0.412	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	0.421	0.671	0.568	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	0.5	1.0	0.875	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	0.423	0.679	0.668	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	0.42	0.674	0.7	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	0.5	1.0	1.0	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	0.412	0.734	0.856	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	0.513	0.889	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
316	0.376	0.749	0.301	61.9	−54.1	44.3	69.9	140.6	8.2	132	0.312	1.0	0.0	59.5	−57.7	42.6	71.8	143.5
317	0.375	1.0	0.625	63.5	−50.9	40.6	65.1	141.3	17.4	180	0.0	1.0	0.502	57.1	−60.7	32.6	68.9	151.7
318	0.382	0.749	0.623	65.9	−46.9	35.8	59.0	142.6	28.6	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
319	0.375	0.875	0.75	67.2	−44.3	31.2	54.2	144.7	30.2	200	0.0	1.0	0.82	59.2	−51.0	6.9	51.5	172.2
320	0.46	1.0	0.874	68.3	−41.6	25.6	48.9	148.3	30.5	204	0.0	1.0	0.886	59.6	−46.3	−2.6	46.3	183.2
321	0.42	0.874	0.874	70.0	−37.5	16.5	41.0	156.1	26.5	207	0.0	1.0	0.944	58.3	−44.4	−12.7	46.2	195.9
322	0.464	1.0	1.0	69.9	−33.1	1.3	33.1	177.7	16.3	209	0.0	1.0	0.993	57.2	−41.1	−20.8	46.1	206.9
323	0.416	0.919	0.974	68.0	−29.2	−14.9	32.9	207.1	6.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9

Mean color difference of this page: delta 20.2

1−1132234−F0 RE810−7N, Page 23/33−F

TUB-test chart RE81; 16 step hue circle, cf=1
colors and differences, $\Delta E'^*$

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

see similar files: http://130.149.60.45/~farbmetrik/RE81/RE81.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−1132234−F0

TUB registration: 20150701-RE81/RE81L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb* (RGB)

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 24/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
324	R00Y_050_050de	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.118	32.0	32.1	15.3	35.5	25.4	0.482	0.157	0.145	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_050de	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	0.493	0.159	0.211	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_050de	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	0.491	0.167	0.29	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_050de	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	0.426	0.175	0.297	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_050de	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	0.357	0.18	0.298	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_062de	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	0.369	0.194	0.35	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_075de	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	0.379	0.204	0.407	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_087de	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	0.388	0.207	0.471	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_100de	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	0.467	0.22	0.623	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_050de	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	0.184	0.058	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_037de	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	0.515	0.251	0.233	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_037de	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	0.505	0.25	0.288	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_037de	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	0.474	0.262	0.336	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_037de	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	0.41	0.264	0.345	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_050de	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	0.418	0.285	0.408	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_062de	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	0.424	0.292	0.461	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_075de	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	0.435	0.301	0.529	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_087de	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	0.493	0.324	0.656	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_050de	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	0.509	0.267	0.108	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_037de	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	0.519	0.28	0.198	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_025de	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	0.521	0.335	0.315	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_025de	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	0.518	0.345	0.385	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_025de	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	0.462	0.355	0.41	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_037de	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	0.463	0.364	0.459	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_050de	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	0.465	0.369	0.511	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_062de	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	0.486	0.39	0.582	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_075de	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	0.553	0.426	0.724	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_050de	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	0.512	0.342	0.142	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_037de	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	0.524	0.356	0.215	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_025de	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	0.533	0.374	0.293	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_012de	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	0.534	0.423	0.407	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_012de	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	0.501	0.441	0.464	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_025de	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	0.516	0.464	0.532	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_037de	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	0.525	0.471	0.583	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_050de	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	0.539	0.482	0.645	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_062de	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	0.574	0.508	0.737	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_050de	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	0.512	0.42	0.156	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_037de	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	0.525	0.433	0.241	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_025de	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	0.534	0.46	0.327	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_012de	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	0.545	0.497	0.421	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_050de	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	0.542	0.524	0.517	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_012de	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	0.55	0.536	0.571	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_025de	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	0.564	0.561	0.642	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_037de	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	0.583	0.583	0.716	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_050de	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	0.636	0.606	0.829	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_062de	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	0.55	0.543	0.167	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_050de	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	0.543	0.54	0.28	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_037de	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	0.534	0.544	0.353	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_025de	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	0.519	0.556	0.444	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_012de	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	0.536	0.573	0.545	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_012de	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	0.535	0.565	0.578	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_025de	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	0.546	0.61	0.685	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_037de	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	0.558	0.624	0.744	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_050de	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	0.619	0.644	0.853	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_075de	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	0.522	0.585	0.176	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_062de	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	0.518	0.584	0.296	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_050de	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	0.505	0.584	0.367	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_037de	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	0.481	0.594	0.452	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_025de	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	0.531	0.638	0.587	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_025de	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	0.537	0.643	0.638	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_025de	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	0.532	0.628	0.661	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_037de	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	0.533	0.668	0.768	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_050de	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	0.583	0.718	0.926	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_087de	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	0.514	0.644	0.17	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_075de	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	0.495	0.624	0.306	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_062de	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	0.475	0.625	0.379	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_050de	0.5	0.875	0.375	0.875	0.5	0.625	136	0.575	0.875	0.409	67.2	-30.0	20.3	36.2	145.9	0.451	0.658	0.472	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_037de	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	0.501	1.0	0.874	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_037de	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	0.534	0.709	0.686	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_037de	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	0.525	0.701	0.719	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_037de	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	1.0	1.0	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_050de	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	0.523	0.744	0.852	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_100de	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	0.625	0.875	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
397	Y58G_100_087de	0.5	1.0	0.125	1.0	0.875	0.562	125	0.639	1.0	0.125	69.4	-42.4	45.3	62.0	133.0	0.531	0.81	0.298	62.6	-52.8	46.5	70.4	138.5	12.4	114	0.587	1.0	0.0	65.6	-48.4	51.8	70.9	133.0
398	Y68G_100_075de	0.5	1.0	0.25	1.0	0.75	0.625	131	0.6	1.0	0.25	70.1	-40.9	34.2	53.4	140.0	0.5	1.0	0.375	64.8	-48.8	41.9	64.3	139.3	12.2	122	0.467	1.0	0.0	61.4	-54.6	45.6	71.2	140.0
399	Y81G_100_062de	0.5	1.0	0.375	1.0	0.625	0.687	139	0.375	1.0	0.63	71.9	-38.3	22.6	44.5	149.4	0.421	0.749	0.501	68.5	-42.5	34.8	55.0	140.6	13.3	173	0.0	1.0	0.408	57.2	-61.3	36.2	71.2	149.4
400	G00B_100_050de	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	0.551	0.874	0.749	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
401	G11B_100_050de	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.919	77.9	-24.8	2.1	24.9	175.0	0.547	1.0	0.874	72.8	-34.5	21.9	40.9	147.5	22.6	201	0.0	1.0	0.838	59.4	-49.6	4.3	49.8	175.0
402	G25B_100_050de	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.957	77.6	-22.8	-3.8	23.1	189.6	0.568	0.874	0.874	75.5	-30.1	13.8	33.1	155.3	19.2	205	0.0	1.0	0.915	59.0	-45.6	-7.7	46.3	189.6
403	G38B_100_050de	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.99	76.9	-21.0	-9.4	23.0	204.2	0.541	0.874	0.895	75.2	-27.3	2.2	27.4	175.3	13.4	209	0.0	1.0	0.981	57.5	-42.0	-18.9	46.1	204.2
404	G50B_100_050de	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	0.97	1.0	75.8	-19.4	-14.6	24.2	216.9	0.532	0.809	0.868	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

Mean color difference of this page: delta 18.0

1-1132334-F0 RE810-7N, Page 24/33-F

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, $\Delta E'^*$

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

see similar files: http://130.149.60.45/~farbmetrik/RE81/RE81.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-1132334-F0

TUB registration: 20150701-RE81/RE81L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb* (RGB)

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 25/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
405	R00Y_062_062de	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	0.596	0.179	0.179	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_062de	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	0.606	0.175	0.251	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_062de	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	0.598	0.17	0.314	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_062de	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	0.573	0.2	0.361	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_062de	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	0.484	0.2	0.361	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_062de	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	0.422	0.199	0.355	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_075de	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	0.433	0.216	0.418	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_087de	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	0.749	0.0	1.0	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_100de	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	0.652	0.187	0.874	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_062de	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	0.596	0.199	0.098	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_050de	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	0.606	0.282	0.262	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_050de	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	0.6	0.284	0.321	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_050de	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	0.594	0.294	0.395	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_050de	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	0.535	0.295	0.406	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_050de	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	0.469	0.293	0.409	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_062de	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	0.479	0.31	0.469	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_075de	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	0.623	0.376	0.749	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_087de	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	0.563	0.348	0.669	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_062de	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	0.594	0.282	0.122	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_050de	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	0.61	0.297	0.207	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_037de	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	0.621	0.349	0.327	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_037de	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	0.619	0.351	0.39	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_037de	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	0.588	0.362	0.441	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_037de	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	0.517	0.366	0.452	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_050de	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	0.524	0.386	0.515	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_062de	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	0.549	0.406	0.587	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_075de	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	0.606	0.432	0.718	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_062de	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	0.603	0.355	0.139	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_050de	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	0.617	0.358	0.206	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_037de	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	0.631	0.368	0.28	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_025de	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	0.63	0.43	0.409	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_025de	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	0.624	0.444	0.485	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_025de	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	0.568	0.462	0.517	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_037de	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	0.576	0.473	0.572	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_050de	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	0.581	0.48	0.629	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_062de	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	0.623	0.507	0.73	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_062de	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	0.606	0.421	0.148	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_050de	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	0.62	0.429	0.224	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_037de	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	0.631	0.449	0.305	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_025de	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	0.639	0.472	0.387	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_012de	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	0.642	0.527	0.51	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_012de	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	0.601	0.532	0.557	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_025de	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	0.61	0.56	0.631	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_037de	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	0.627	0.574	0.703	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_050de	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	0.672	0.598	0.811	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_062de	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	0.613	0.497	0.157	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_050de	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	0.626	0.511	0.253	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_037de	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	0.629	0.531	0.333	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_025de	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	0.632	0.556	0.421	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_012de	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	0.638	0.591	0.523	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_062de	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	0.647	0.638	0.635	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_012de	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	0.652	0.647	0.691	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_025de	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	0.667	0.667	0.762	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_037de	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	0.711	0.69	0.852	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_075de	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	0.664	0.653	0.168	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_062de	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	0.652	0.647	0.3	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_050de	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	0.634	0.637	0.372	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_037de	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	0.623	0.647	0.459	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_025de	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	0.612	0.663	0.554	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_012de	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	0.639	0.686	0.666	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_012de	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	0.634	0.674	0.697	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_025de	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	0.656	0.713	0.805	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_037de	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	0.68	0.723	0.864	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_087de	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	0.636	0.711	0.155	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_075de	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	0.62	0.697	0.309	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_062de	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	0.75	1.0	0.5	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_050de	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	0.59	0.697	0.473	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_037de	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	0.571	0.711	0.566	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_025de	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	0.635	0.752	0.713	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_025de	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	0.646	0.76	0.764	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_025de	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	0.635	0.731	0.778	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_037de	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	0.641	0.773	0.871	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_100de	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	0.691	0.874	0.125	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
478	Y41G_100_087de	0.625	1.0	0.125	1.0	0.875	0.562	115	0.767	1.0	0.125	76.3	−34.1	55.9	65.5	121.4	0.672	0.86	0.295	67.8	−45.4	52.3	69.3	130.9	14.6	104	0.734	1.0	0.0	73.5	−39.0	63.9	74.9	121.4
479	Y50G_100_075de	0.625	1.0	0.25	1.0	0.75	0.625	120	0.747	1.0	0.25	76.2	−32.8	43.1	54.2	127.2	0.653	0.853	0.405	69.2	−42.8	45.7	62.7	133.0	12.4	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
480	Y61G_100_062de	0.625	1.0	0.375	1.0	0.625	0.687	127	0.722	1.0	0.375	76.2	−31.6	31.1	44.3	135.4	0.631	0.865	0.509	71.4	−38.5	35.4	52.3	137.3	9.4	116	0.555	1.0	0.0	64.2	−50.5	49.8	70.9	135.4
481	Y76G_100_050de	0.625	1.0	0.5	1.0	0.5	0.75	136	0.5	1.0	0.534	77.2	−30.0	20.3	36.2	145.9	0.595	0.874	0.623	76.3	−31.0	27.8	41.7	138.1	7.6	153	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9
482	G00B_100_037de	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.907	82.1	−20.6	6.6	21.6	162.2	0.648	0.874	0.794	78.6	−27.4	20.6	34.3	143.1	15.9	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
483	G15B_100_037de	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.95	82.6	−17.6	0.1	17.6	179.5	0.658	0.968	0.911	80.8	−23.7	14.3	27.7	148.9	15.5	203	0.0	1.0	0.868	59.8	−47.0	0.3	47.0	179.5
484	G34B_100_037de	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.985	81.9	−16.3	−5.8	17.3	199.6	0.645	0.863	0.882	81.3	−20.9	5.7	21.7	164.7	12.4	208	0.0	1.0	0.96	57.9	−43.5	−15.5	46.2	199.6
485	G50B_100_037de	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	0.64	0.833	0.897	80.5	−17.1	−8.5	19.1	206.5	3.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
																	Mean color difference of this page:						delta		16.6									

1−1132434−F0

RE810−7N, Page 25/33−F

TUB-test chart RE81; 16 step hue circle, cf=1
colors and differences, $\Delta E'^*$

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

see similar files: http://130.149.60.45/~farbmetrik/RE81/RE81.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1−1132434−F0

TUB registration: 20150701-RE81/RE81L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb* (RGB)

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 26/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
486	R00Y_075_075de	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.177	40.1	48.1	22.9	53.3	25.4	0.698	0.231	0.227	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_075de	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	0.698	0.234	0.293	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_075de	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	0.704	0.222	0.358	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_075de	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	0.682	0.254	0.434	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_075de	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	0.631	0.257	0.437	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_075de	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	0.546	0.249	0.429	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_075de	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	0.483	0.233	0.422	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_087de	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	0.497	0.266	0.489	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_100de	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	0.739	0.185	0.919	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_075de	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	0.686	0.245	0.157	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_062de	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	0.707	0.306	0.294	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_062de	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	0.707	0.307	0.355	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_062de	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	0.703	0.307	0.419	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_062de	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	0.685	0.321	0.467	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_062de	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	0.596	0.32	0.471	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_062de	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	0.532	0.318	0.471	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_075de	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	0.559	0.336	0.549	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_087de	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	0.575	0.359	0.623	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_075de	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	0.69	0.293	0.13	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_062de	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	0.712	0.313	0.231	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_050de	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	0.719	0.368	0.352	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_050de	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	0.716	0.372	0.414	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_050de	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	0.713	0.39	0.497	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_050de	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	0.649	0.391	0.508	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_050de	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	0.579	0.391	0.513	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_062de	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	0.604	0.418	0.589	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_075de	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	0.662	0.449	0.714	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_075de	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	0.697	0.359	0.134	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_062de	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	0.713	0.362	0.21	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_050de	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	0.726	0.377	0.293	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_037de	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	0.734	0.45	0.43	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_037de	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	0.736	0.458	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_037de	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	0.709	0.474	0.556	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_037de	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	0.629	0.473	0.563	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_050de	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	0.631	0.489	0.622	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_062de	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	0.658	0.52	0.749	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_075de	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	0.701	0.429	0.14	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_062de	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	0.715	0.438	0.225	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_050de	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	0.728	0.45	0.304	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_037de	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	0.743	0.467	0.38	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_025de	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	0.542	0.527	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_025de	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	0.749	0.569	0.611	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_025de	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	0.678	0.574	0.633	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_037de	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	0.69	0.587	0.7	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_050de	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	0.721	0.605	0.794	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_075de	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	0.706	0.499	0.146	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_062de	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	0.719	0.51	0.247	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_050de	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	0.73	0.527	0.325	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_037de	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	0.746	0.552	0.411	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_025de	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	0.757	0.585	0.512	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_012de	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	0.764	0.653	0.64	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_012de	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	0.719	0.653	0.685	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_025de	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	0.732	0.679	0.762	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_037de	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	0.758	0.685	0.845	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_075de	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	0.702	0.577	0.158	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_062de	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	0.719	0.595	0.282	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_050de	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	0.739	0.616	0.36	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_037de	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	0.644	0.454	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_025de	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	0.759	0.681	0.553	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_012de	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	0.77	0.727	0.663	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_075de	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	0.77	0.762	0.763	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_012de	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	0.772	0.76	0.813	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_025de	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	0.775	0.758	0.863	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_087de	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	0.796	0.789	0.127	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_075de	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	0.796	0.786	0.32	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_062de	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	0.779	0.775	0.409	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_050de	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	0.766	0.772	0.5	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_037de	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	0.762	0.792	0.597	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_025de	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	0.742	0.805	0.696	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_012de	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	0.758	0.807	0.793	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_012de	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	0.755	0.789	0.819	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_025de	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	0.786	0.848	0.987	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_100de	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	0.878	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_087de	0.75	1.0	0.125	1.0	0.875	0.562	106	0.87	1.0	0.125	83.8	−25.9	67.8	72.6	110.9	0.822	0.947	0.288	75.0	−37.4	63.1	73.4	120.6	15.2	97	0.851	1.0	0.0	82.0	−29.6	77.5	83.0	110.9
560	Y31G_100_075de	0.75	1.0	0.25	1.0	0.75	0.625	109	0.859	1.0	0.25	83.4	−24.8	54.7	60.1	114.4	0.76	0.864	0.412	76.8	−35.0	57.7	67.5	121.2	12.5	100	0.813	1.0	0.0	79.1	−33.1	72.9	80.1	114.4
561	Y38G_100_062de	0.75	1.0	0.375	1.0	0.625	0.687	113	0.85	1.0	0.375	83.1	−23.2	41.6	47.7	119.1	0.751	0.858	0.514	78.0	−32.2	45.1	55.4	125.4	10.9	103	0.761	1.0	0.0	75.2	−37.1	66.6	76.3	119.1
562	Y50G_100_050de	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	0.729	0.86	0.611	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
563	Y68G_100_037de	0.75	1.0	0.625	1.0	0.375	0.812	131	0.8	1.0	0.625	83.2	−20.4	17.1	26.7	140.0	0.697	0.867	0.713	83.0	−23.5	27.0	35.8	131.1	10.3	122	0.467	1.0	0.0	61.4	−54.6	45.6	71.2	140.0
564	G00B_100_025de	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	0.746	0.869	0.835	84.9	−20.4	19.8	28.5	135.8	16.9	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
565	G25B_100_025de	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.978	87.0	−11.4	−1.9	11.5	189.6	0.766	0.937	0.935	86.6	−16.2	9.8	19.0	148.8	12.7	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
566	G50B_100_025de	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	0.755	0.859	0.927	86.0	−11.9	−5.8	13.3	205.8	2.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9

Mean color difference of this page: delta 16.8

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TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, ΔE'*

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

see similar files: http://130.149.60.45/~farbmetrik/RE81/RE81.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE81/RE81L0FA.TXT /.PS   TUB material: code=rha4ta

application for measurement of laser printer output, no separation rgb* (RGB)

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization

F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 27/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
567	R00Y_087_087de	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.207	44.2	56.2	26.7	62.2	25.4	0.875	0.0	0.25	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_087de	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	0.921	0.0	0.376	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_087de	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	0.803	0.252	0.396	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_087de	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	0.8	0.245	0.463	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_087de	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	0.789	0.268	0.501	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_087de	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	0.125	0.875	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_087de	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	0.874	0.0	1.0	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_087de	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	0.551	0.275	0.496	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_100de	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	0.774	0.25	0.874	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_087de	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	0.0	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_075de	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	0.804	0.328	0.324	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_075de	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	0.805	0.328	0.387	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_075de	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	0.805	0.329	0.453	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_075de	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	1.0	0.375	1.0	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_075de	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	0.766	0.355	0.555	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_075de	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	0.375	0.875	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_075de	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	0.375	1.0	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_087de	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	0.685	0.384	0.686	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_087de	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	0.795	0.296	0.129	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_075de	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	0.808	0.332	0.257	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_062de	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	0.814	0.401	0.385	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_062de	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	0.816	0.406	0.453	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_062de	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	0.819	0.41	0.526	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_062de	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	0.808	0.431	0.583	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_062de	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	0.73	0.433	0.593	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_062de	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	0.659	0.426	0.59	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_075de	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	0.5	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_087de	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	0.793	0.367	0.126	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_075de	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	0.805	0.381	0.222	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_062de	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	0.819	0.409	0.326	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_050de	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	0.836	0.474	0.459	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_050de	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	0.836	0.48	0.527	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_050de	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	0.829	0.502	0.611	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_050de	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	0.776	0.514	0.635	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_050de	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	0.699	0.507	0.634	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_062de	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	0.749	0.547	0.749	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_087de	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	0.798	0.441	0.134	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_075de	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	0.81	0.45	0.235	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_062de	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	0.825	0.462	0.314	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_050de	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	0.843	0.48	0.394	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_037de	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	0.851	0.556	0.542	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_037de	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	0.849	0.57	0.614	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_037de	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	0.822	0.587	0.678	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_037de	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	0.754	0.596	0.695	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_050de	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	0.769	0.614	0.775	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_087de	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	0.808	0.507	0.135	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_075de	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	0.816	0.522	0.257	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_062de	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	0.833	0.538	0.328	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_050de	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	0.848	0.551	0.402	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_037de	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	0.862	0.572	0.492	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_025de	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	0.861	0.654	0.639	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_025de	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	0.85	0.672	0.72	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_025de	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	0.794	0.69	0.756	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_037de	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	0.812	0.697	0.84	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_087de	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	0.812	0.578	0.142	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_075de	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	0.822	0.603	0.25	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_062de	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	0.841	0.613	0.347	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_050de	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	0.853	0.629	0.426	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_037de	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	0.863	0.657	0.519	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_025de	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	0.869	0.701	0.627	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_012de	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	0.877	0.769	0.755	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_012de	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	0.828	0.764	0.805	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_025de	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	0.822	0.764	0.862	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_087de	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	0.812	0.668	0.152	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_075de	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	0.829	0.691	0.303	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_062de	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	0.845	0.707	0.384	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_050de	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	0.855	0.73	0.473	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_037de	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	0.865	0.764	0.569	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_025de	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	0.873	0.801	0.669	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_012de	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	0.835	0.77	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_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	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_012de	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	0.889	0.875	0.977	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_100de	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	1.0	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_087de	0.875	1.0	0.125	1.0	0.875	0.562	98	0.984	1.0	0.125	92.1	−16.7	81.5	83.2	101.6	0.992	0.984	0.233	83.4	−27.9	77.2	82.1	109.8	14.7	90	0.982	1.0	0.0	91.5	−19.1	93.1	95.1	101.6
641	Y15G_100_075de	0.875	1.0	0.25	1.0	0.75	0.625	99	0.973	1.0	0.25	91.8	−15.5	68.3	70.1	102.7	0.984	0.975	0.39	85.2	−25.9	69.8	74.4	110.3	12.3	91	0.964	1.0	0.0	90.3	−20.7	91.1	93.4	102.7
642	Y18G_100_062de	0.875	1.0	0.375	1.0	0.625	0.687	101	0.956	1.0	0.375	91.0	−14.6	54.3	56.3	105.1	0.956	0.959	0.506	87.0	−23.1	57.1	61.6	112.0	9.7	93	0.93	1.0	0.0	87.7	−23.5	86.9	90.1	105.1
643	Y23G_100_050de	0.875	1.0	0.5	1.0	0.5	0.75	104	0.939	1.0	0.5	90.2	−13.5	40.3	42.5	108.6	0.933	0.951	0.626	88.5	−20.5	45.2	49.6	114.4	8.6	96	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6
644	Y31G_100_037de	0.875	1.0	0.625	1.0	0.375	0.812	109	0.929	1.0	0.625	89.9	−12.4	27.3	30.0	114.4	0.902	0.954	0.725	88.0	−19.7	34.7	39.9	119.5	10.5	100	0.813	1.0	0.0	79.1	−33.1	72.9	80.1	114.4
645	Y50G_100_025de	0.875	1.0	0.75	1.0	0.25	0.875	120	0.915	1.0	0.75	89.6	−10.9	14.3	18.0	127.2	0.858	0.968	0.829	90.0	−15.9	24.9	29.6	122.6	11.6	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
646	G00B_100_012de	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.969	91.6	−6.8	2.2	7.2	162.2	0.874	0.984	0.952	92.0	−10.7	13.2	17.1	129.0	11.7	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
647	G50B_100_012de	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	0.872	0.959	0.99	92.1	−5.7	−2.9	6.4	207.4	1.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9

Mean color difference of this page: delta 17.9

1-1132634-F0   RE810-7N, Page 27/33-F

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, $\Delta E'^*$

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

see similar files: http://130.149.60.45/~farbmetrik/RE81/RE81.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-1132634-F0

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 28/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
648	R00Y_100_100de	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4	0.996	0.115	0.26	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_100de	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	0.004	0.371	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_100de	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	0.501	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_100de	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	0.125	0.691	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_100de	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	0.997	0.117	0.953	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_100de	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	0.873	0.285	0.622	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_100de	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	0.804	0.299	0.623	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_100de	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	0.875	0.25	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_100de	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	0.775	0.285	0.77	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_100de	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	0.0	0.024	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_087de	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	0.375	0.375	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_087de	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	0.383	0.471	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_087de	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	0.874	0.361	0.495	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_087de	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	0.376	0.705	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_087de	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	0.999	0.379	0.801	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_087de	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	0.852	0.391	0.679	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_087de	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	0.8	0.396	0.696	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_087de	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	0.875	0.375	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_100de	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	0.264	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_087de	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	0.874	0.37	0.285	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_075de	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	0.874	0.432	0.421	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_075de	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	0.464	0.576	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_075de	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	0.449	0.623	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_075de	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	0.469	0.823	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_075de	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	0.965	0.475	0.835	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_075de	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	0.825	0.47	0.72	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_075de	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	0.768	0.476	0.718	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_100de	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	0.382	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_087de	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	0.874	0.408	0.25	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_075de	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	0.874	0.436	0.354	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_062de	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	0.5	0.5	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_062de	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	0.532	0.623	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_062de	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	0.539	0.749	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_062de	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	0.557	0.83	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_062de	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	0.902	0.555	0.805	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_062de	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	0.788	0.547	0.738	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_100de	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	0.464	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_087de	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	0.501	0.253	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_075de	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	0.874	0.476	0.326	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_062de	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_050de	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	0.602	0.61	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_050de	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	0.623	0.72	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_050de	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	0.635	0.826	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_050de	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	0.929	0.633	0.812	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_050de	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	0.805	0.613	0.749	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_100de	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	0.544	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_087de	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	0.875	0.5	0.25	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_075de	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	0.598	0.347	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_062de	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	0.875	0.5	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_050de	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	0.613	0.501	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_037de	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	0.683	0.687	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_037de	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	0.701	0.779	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_037de	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	0.98	0.718	0.846	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_037de	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	0.866	0.708	0.838	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_100de	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	0.999	0.617	0.126	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_087de	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	0.623	0.261	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_075de	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	0.623	0.346	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_062de	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	0.625	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_050de	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	0.685	0.521	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_037de	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	0.694	0.61	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_025de	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	0.781	0.775	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_025de	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	0.803	0.866	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_025de	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	0.92	0.805	0.911	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_100de	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	0.698	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_087de	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	0.727	0.268	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_075de	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	0.749	0.378	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_062de	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	0.749	0.475	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_050de	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	0.749	0.547	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_037de	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	0.749	0.608	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_025de	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	0.815	0.744	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_012de	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	0.874	0.857	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_012de	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	0.959	0.911	0.982	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_100de	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	0.799	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
721	Y00G_100_087de	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	0.851	0.25	92.9	−17.6	92.5	94.1	100.8	23.8	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
722	Y00G_100_075de	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	0.875	0.375	93.3	−17.3	81.3	83.1	102.0	23.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
723	Y00G_100_062de	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	0.874	0.507	93.5	−16.8	72.5	74.4	103.0	24.3	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
724	Y00G_100_050de	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	0.89	0.62	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
725	Y00G_100_037de	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	0.891	0.696	94.5	−14.2	50.4	52.4	105.7	22.5	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
726	Y00G_100_025de	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	0.928	0.807	94.9	−11.9	37.9	39.7	107.5	19.8	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
727	Y00G_100_012de	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	0.975	0.929	95.5	−8.1	22.8	24.2	109.5	14.4	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
728	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta** **18.0**

1−1132734−F0

RE810−7N, Page 28/33−F

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, $\Delta E'^*$

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

1−1132734−F0

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 29/33

n	HIC*Fde	rgb_Fde			ict_Fde			$h_{si\_F,de}$	rgb*Fde			LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde	$h_{siM,de}$	rgb*Mde			LabCh*Mde				
729	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	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_012de	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	0.872	0.959	0.99	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_025de	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	0.755	0.859	0.927	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_037de	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	0.64	0.833	0.897	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_050de	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	0.532	0.809	0.868	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_062de	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	0.416	0.919	0.974	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_075de	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	0.314	0.749	0.854	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_087de	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	0.227	0.749	0.871	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_100de	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	0.169	0.623	0.749	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_012de	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	0.874	0.857	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_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	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_012de	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	0.755	0.789	0.819	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_025de	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	0.635	0.731	0.778	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_037de	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	1.0	1.0	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_050de	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	0.5	1.0	1.0	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_062de	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	0.314	0.631	0.708	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_075de	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	0.228	0.583	0.674	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_087de	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	0.158	0.52	0.604	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_025de	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	0.781	0.775	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_012de	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	0.877	0.769	0.755	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_075de	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	0.77	0.762	0.763	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_012de	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	0.634	0.674	0.697	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_025de	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	0.532	0.628	0.661	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_037de	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	0.426	0.576	0.625	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_050de	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	0.328	0.542	0.599	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_062de	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	0.243	0.515	0.575	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_075de	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	0.169	0.437	0.512	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_037de	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	0.683	0.687	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_025de	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	0.861	0.654	0.639	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_012de	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	0.764	0.653	0.64	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_062de	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	0.647	0.638	0.635	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_012de	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	0.535	0.565	0.578	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_025de	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	0.439	0.527	0.553	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_037de	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	0.34	0.479	0.514	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_050de	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	0.251	0.437	0.483	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_062de	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	0.17	0.384	0.442	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_050de	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	0.602	0.61	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_037de	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	0.851	0.556	0.542	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_025de	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	0.542	0.527	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_012de	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	0.642	0.527	0.51	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_050de	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	0.542	0.524	0.517	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_012de	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	0.439	0.474	0.481	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_025de	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	0.347	0.423	0.445	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_037de	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	0.263	0.393	0.424	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_050de	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	0.176	0.321	0.369	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_062de	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	0.5	0.5	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_050de	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	0.836	0.474	0.459	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_037de	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	0.734	0.45	0.43	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_025de	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	0.63	0.43	0.409	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_012de	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	0.534	0.423	0.407	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_037de	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	0.437	0.413	0.406	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_012de	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	0.357	0.393	0.4	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_025de	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	0.268	0.338	0.353	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_037de	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	0.169	0.27	0.302	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_075de	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	0.874	0.432	0.421	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_062de	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	0.814	0.401	0.385	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_050de	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	0.719	0.368	0.352	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_037de	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	0.621	0.349	0.327	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_025de	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	0.521	0.335	0.315	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_012de	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	0.43	0.328	0.311	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_025de	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	0.338	0.313	0.302	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_012de	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	0.262	0.285	0.289	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_025de	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	0.153	0.201	0.218	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_087de	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	0.375	0.375	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_075de	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	0.804	0.328	0.324	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_062de	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	0.707	0.306	0.294	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_050de	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	0.606	0.282	0.262	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_037de	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	0.515	0.251	0.233	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_025de	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	0.415	0.234	0.217	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_012de	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	0.332	0.237	0.221	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_012de	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	0.264	0.257	0.25	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_012de	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	0.126	0.147	0.155	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_100de	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	0.996	0.115	0.26	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_087de	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	0.25	42.4	55.8	39.4	68.4	35.2	12.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
803	R00Y_075_075de	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	0.698	0.231	0.227	36.9	47.9	32.1	57.7	33.8	9.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
804	R00Y_062_062de	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	0.596	0.179	0.179	31.8	41.3	28.5	50.2	34.6	10.4	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
805	R00Y_050_050de	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	0.482	0.157	0.145	27.2	33.0	22.7	40.1	34.5	8.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
806	R00Y_037_037de	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	0.381	0.145	0.12	22.9	23.2	14.2	27.2	31.4	5.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
807	R00Y_025_025de	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.059	23.9	16.0	7.6	17.7	25.4	0.311	0.137	0.107	20.0	19.5	6.1	20.5	17.4	5.4	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
808	R00Y_012_012de	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	0.235	0.118	0.08	17.0	1.9	0.5	2.0	14.4	7.4	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
809	NW_000de	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	12.7	0.0	0.1	0.1	81.5	3.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
																	Mean color difference of this page:						**delta**		**12.5**									

1−1132834−F0 RE810−7N, Page 29/33−F

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, Δ*E'**

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

1−1132834−F0

TUB registration: 20150701-RE81/RE81L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb* (RGB)

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 30/33

n	HIC^*_{Fde}	rgb_{Fde}			ict_{Fde}			$h_{si\_F,de}$
810	NW_100_{de}	1.0	1.0	1.0	1.0	0.0	1.0	360
811	$B00R\_100\_012_{de}$	0.875	0.875	1.0	1.0	0.125	0.937	270
812	$B00R\_100\_025_{de}$	0.75	0.75	1.0	1.0	0.25	0.875	270
813	$B00R\_100\_037_{de}$	0.625	0.625	1.0	1.0	0.375	0.812	270
814	$B00R\_100\_050_{de}$	0.5	0.5	1.0	1.0	0.5	0.75	270
815	$B00R\_100\_062_{de}$	0.375	0.375	1.0	1.0	0.625	0.687	270
816	$B00R\_100\_075_{de}$	0.25	0.25	1.0	1.0	0.75	0.625	270
817	$B00R\_100\_087_{de}$	0.125	0.125	1.0	1.0	0.875	0.562	270
818	$B00R\_100\_100_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270
819	$Y00G\_100\_012_{de}$	1.0	1.0	0.875	1.0	0.125	0.937	90
820	NW_087_{de}	0.875	0.875	0.875	0.875	0.0	0.875	360
821	$B00R\_087\_012_{de}$	0.75	0.75	0.875	0.875	0.125	0.812	270
822	$B00R\_087\_025_{de}$	0.625	0.625	0.875	0.875	0.25	0.75	270
823	$B00R\_087\_037_{de}$	0.5	0.5	0.875	0.875	0.375	0.687	270
824	$B00R\_087\_050_{de}$	0.375	0.375	0.875	0.875	0.5	0.625	270
825	$B00R\_087\_062_{de}$	0.25	0.25	0.875	0.875	0.625	0.562	270
826	$B00R\_087\_075_{de}$	0.125	0.125	0.875	0.875	0.75	0.5	270
827	$B00R\_087\_087_{de}$	0.0	0.0	0.875	0.875	0.875	0.437	270
828	$Y00G\_100\_025_{de}$	1.0	1.0	0.75	1.0	0.25	0.875	90
829	$Y00G\_087\_012_{de}$	0.875	0.875	0.75	0.875	0.125	0.812	90
830	NW_075_{de}	0.75	0.75	0.75	0.75	0.0	0.75	360
831	$B00R\_075\_012_{de}$	0.625	0.625	0.75	0.75	0.125	0.687	270
832	$B00R\_075\_025_{de}$	0.5	0.5	0.75	0.75	0.25	0.625	270
833	$B00R\_075\_037_{de}$	0.375	0.375	0.75	0.75	0.375	0.562	270
834	$B00R\_075\_050_{de}$	0.25	0.25	0.75	0.75	0.5	0.5	270
835	$B00R\_075\_062_{de}$	0.125	0.125	0.75	0.75	0.625	0.437	270
836	$B00R\_075\_075_{de}$	0.0	0.0	0.75	0.75	0.75	0.375	270
837	$Y00G\_100\_037_{de}$	1.0	1.0	0.625	1.0	0.375	0.812	90
838	$Y00G\_087\_025_{de}$	0.875	0.875	0.625	0.875	0.25	0.75	90
839	$Y00G\_075\_012_{de}$	0.75	0.75	0.625	0.75	0.125	0.687	90
840	NW_062_{de}	0.625	0.625	0.625	0.625	0.0	0.625	360
841	$B00R\_062\_012_{de}$	0.5	0.5	0.625	0.625	0.125	0.562	270
842	$B00R\_062\_025_{de}$	0.375	0.375	0.625	0.625	0.25	0.5	270
843	$B00R\_062\_037_{de}$	0.25	0.25	0.625	0.625	0.375	0.437	270
844	$B00R\_062\_050_{de}$	0.125	0.125	0.625	0.625	0.5	0.375	270
845	$B00R\_062\_062_{de}$	0.0	0.0	0.625	0.625	0.625	0.312	270
846	$Y00G\_100\_050_{de}$	1.0	1.0	0.5	1.0	0.5	0.75	90
847	$Y00G\_087\_037_{de}$	0.875	0.875	0.5	0.875	0.375	0.687	90
848	$Y00G\_075\_025_{de}$	0.75	0.75	0.5	0.75	0.25	0.625	90
849	$Y00G\_062\_012_{de}$	0.625	0.625	0.5	0.625	0.125	0.562	90
850	NW_050_{de}	0.5	0.5	0.5	0.5	0.0	0.5	360
851	$B00R\_050\_012_{de}$	0.375	0.375	0.5	0.5	0.125	0.437	270
852	$B00R\_050\_025_{de}$	0.25	0.25	0.5	0.5	0.25	0.375	270
853	$B00R\_050\_037_{de}$	0.125	0.125	0.5	0.5	0.375	0.312	270
854	$B00R\_050\_050_{de}$	0.0	0.0	0.5	0.5	0.5	0.25	270
855	$Y00G\_100\_062_{de}$	1.0	1.0	0.375	1.0	0.625	0.687	90
856	$Y00G\_087\_050_{de}$	0.875	0.875	0.375	0.875	0.5	0.625	90
857	$Y00G\_075\_037_{de}$	0.75	0.75	0.375	0.75	0.375	0.562	90
858	$Y00G\_062\_025_{de}$	0.625	0.625	0.375	0.625	0.25	0.5	90
859	$Y00G\_050\_012_{de}$	0.5	0.5	0.375	0.5	0.125	0.437	90
860	NW_037_{de}	0.375	0.375	0.375	0.375	0.0	0.375	360
861	$B00R\_037\_012_{de}$	0.25	0.25	0.375	0.375	0.125	0.312	270
862	$B00R\_037\_025_{de}$	0.125	0.125	0.375	0.375	0.25	0.25	270
863	$B00R\_037\_037_{de}$	0.0	0.0	0.375	0.375	0.375	0.187	270
864	$Y00G\_100\_075_{de}$	1.0	1.0	0.25	1.0	0.75	0.625	90
865	$Y00G\_087\_062_{de}$	0.875	0.875	0.25	0.875	0.625	0.562	90
866	$Y00G\_075\_050_{de}$	0.75	0.75	0.25	0.75	0.5	0.5	90
867	$Y00G\_062\_037_{de}$	0.625	0.625	0.25	0.625	0.375	0.437	90
868	$Y00G\_050\_025_{de}$	0.5	0.5	0.25	0.5	0.25	0.375	90
869	$Y00G\_037\_012_{de}$	0.375	0.375	0.25	0.375	0.125	0.312	90
870	NW_025_{de}	0.25	0.25	0.25	0.25	0.0	0.25	360
871	$B00R\_025\_012_{de}$	0.125	0.125	0.25	0.25	0.125	0.187	270
872	$B00R\_025\_025_{de}$	0.0	0.0	0.25	0.25	0.25	0.125	270
873	$Y00G\_100\_087_{de}$	1.0	1.0	0.125	1.0	0.875	0.562	90
874	$Y00G\_087\_075_{de}$	0.875	0.875	0.125	0.875	0.75	0.5	90
875	$Y00G\_075\_062_{de}$	0.75	0.75	0.125	0.75	0.625	0.437	90
876	$Y00G\_062\_050_{de}$	0.625	0.625	0.125	0.625	0.5	0.375	90
877	$Y00G\_050\_037_{de}$	0.5	0.5	0.125	0.5	0.375	0.312	90
878	$Y00G\_037\_025_{de}$	0.375	0.375	0.125	0.375	0.25	0.25	90
879	$Y00G\_025\_012_{de}$	0.25	0.25	0.125	0.25	0.125	0.187	90
880	NW_012_{de}	0.125	0.125	0.125	0.125	0.0	0.125	360
881	$B00R\_012\_012_{de}$	0.0	0.0	0.125	0.125	0.125	0.062	270
882	$Y00G\_100\_100_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90
883	$Y00G\_087\_087_{de}$	0.875	0.875	0.0	0.875	0.875	0.437	90
884	$Y00G\_075\_075_{de}$	0.75	0.75	0.0	0.75	0.75	0.375	90
885	$Y00G\_062\_062_{de}$	0.625	0.625	0.0	0.625	0.625	0.312	90
886	$Y00G\_050\_050_{de}$	0.5	0.5	0.0	0.5	0.5	0.25	90
887	$Y00G\_037\_037_{de}$	0.375	0.375	0.0	0.375	0.375	0.187	90
888	$Y00G\_025\_025_{de}$	0.25	0.25	0.0	0.25	0.25	0.125	90
889	$Y00G\_012\_012_{de}$	0.125	0.125	0.0	0.125	0.125	0.062	90
890	NW_000_{de}	0.0	0.0	0.0	0.0	0.0	0.0	360

n	rgb^*_{Fde}			$LabCh^*_{Fde}$				
810	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
811	0.924	0.875	1.0	89.0	0.1	−6.2	6.2	271.7
812	0.849	0.75	1.0	81.8	0.3	−12.4	12.4	271.7
813	0.773	0.625	1.0	74.5	0.5	−18.6	18.7	271.7
814	0.698	0.5	1.0	67.2	0.7	−24.9	24.9	271.7
815	0.623	0.375	1.0	59.9	0.9	−31.1	31.1	271.7
816	0.547	0.25	1.0	52.6	1.1	−37.3	37.4	271.7
817	0.472	0.125	1.0	45.3	1.3	−43.6	43.6	271.7
818	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
819	1.0	0.975	0.875	94.8	−0.4	10.7	10.7	92.3
820	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0
821	0.799	0.75	0.875	79.0	0.1	−6.2	6.2	271.7
822	0.724	0.625	0.875	71.7	0.3	−12.4	12.4	271.7
823	0.648	0.5	0.875	64.4	0.5	−18.6	18.7	271.7
824	0.573	0.375	0.875	57.1	0.7	−24.9	24.9	271.7
825	0.498	0.25	0.875	49.8	0.9	−31.1	31.1	271.7
826	0.422	0.125	0.875	42.5	1.1	−37.3	37.4	271.7
827	0.347	0.0	0.875	35.2	1.3	−43.6	43.6	271.7
828	1.0	0.95	0.75	93.3	−0.8	21.4	21.4	92.3
829	0.875	0.85	0.75	84.8	−0.4	10.7	10.7	92.3
830	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0
831	0.674	0.625	0.75	68.9	0.1	−6.2	6.2	271.7
832	0.599	0.5	0.75	61.6	0.3	−12.4	12.4	271.7
833	0.523	0.375	0.75	54.3	0.5	−18.6	18.7	271.7
834	0.448	0.25	0.75	47.0	0.7	−24.9	24.9	271.7
835	0.373	0.125	0.75	39.7	0.9	−31.1	31.1	271.7
836	0.297	0.0	0.75	32.4	1.1	−37.3	37.4	271.7
837	1.0	0.925	0.625	91.8	−1.3	32.2	32.2	92.3
838	0.875	0.825	0.625	83.2	−0.8	21.4	21.4	92.3
839	0.75	0.725	0.625	74.7	−0.4	10.7	10.7	92.3
840	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0
841	0.549	0.5	0.625	58.8	0.1	−6.2	6.2	271.7
842	0.474	0.375	0.625	51.5	0.3	−12.4	12.4	271.7
843	0.398	0.25	0.625	44.2	0.5	−18.6	18.7	271.7
844	0.323	0.125	0.625	36.9	0.7	−24.9	24.9	271.7
845	0.248	0.0	0.625	29.7	0.9	−31.1	31.1	271.7
846	1.0	0.9	0.5	90.3	−1.7	42.9	42.9	92.3
847	0.875	0.8	0.5	81.7	−1.3	32.2	32.2	92.3
848	0.75	0.7	0.5	73.2	−0.8	21.4	21.4	92.3
849	0.625	0.6	0.5	64.6	−0.4	10.7	10.7	92.3
850	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0
851	0.424	0.375	0.5	48.7	0.1	−6.2	6.2	271.7
852	0.349	0.249	0.5	41.5	0.3	−12.4	12.4	271.7
853	0.273	0.124	0.5	34.2	0.5	−18.6	18.7	271.7
854	0.198	0.0	0.5	26.9	0.7	−24.9	24.9	271.7
855	1.0	0.875	0.375	88.8	−2.1	53.6	53.7	92.3
856	0.875	0.775	0.375	80.2	−1.7	42.9	42.9	92.3
857	0.75	0.675	0.375	71.7	−1.3	32.2	32.2	92.3
858	0.625	0.575	0.375	63.1	−0.8	21.4	21.4	92.3
859	0.5	0.475	0.375	54.5	−0.4	10.7	10.7	92.3
860	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0
861	0.299	0.249	0.375	38.7	0.1	−6.2	6.2	271.7
862	0.224	0.124	0.375	31.4	0.3	−12.4	12.4	271.7
863	0.148	0.0	0.375	24.1	0.5	−18.6	18.7	271.7
864	1.0	0.85	0.25	87.3	−2.6	64.4	64.4	92.3
865	0.875	0.75	0.25	78.7	−2.1	53.6	53.7	92.3
866	0.75	0.65	0.25	70.2	−1.7	42.9	42.9	92.3
867	0.625	0.55	0.25	61.6	−1.3	32.2	32.2	92.3
868	0.5	0.45	0.249	53.0	−0.8	21.4	21.4	92.3
869	0.375	0.35	0.249	44.5	−0.4	10.7	10.7	92.3
870	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0
871	0.174	0.124	0.25	28.6	0.1	−6.2	6.2	271.7
872	0.099	0.0	0.25	21.3	0.3	−12.4	12.4	271.7
873	1.0	0.825	0.125	85.8	−3.0	75.1	75.2	92.3
874	0.875	0.725	0.125	77.2	−2.6	64.4	64.4	92.3
875	0.75	0.625	0.125	68.6	−2.1	53.6	53.7	92.3
876	0.625	0.525	0.125	60.1	−1.7	42.9	42.9	92.3
877	0.5	0.425	0.124	51.5	−1.3	32.2	32.2	92.3
878	0.375	0.325	0.124	42.9	−0.8	21.4	21.4	92.3
879	0.25	0.225	0.124	34.4	−0.4	10.7	10.7	92.3
880	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0
881	0.049	0.0	0.125	18.5	0.1	−6.2	6.2	271.7
882	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
883	0.875	0.7	0.0	75.7	−3.0	75.1	75.2	92.3
884	0.75	0.6	0.0	67.1	−2.6	64.4	64.4	92.3
885	0.625	0.5	0.0	58.6	−2.1	53.6	53.7	92.3
886	0.5	0.4	0.0	50.0	−1.7	42.9	42.9	92.3
887	0.375	0.3	0.0	41.4	−1.3	32.2	32.2	92.3
888	0.25	0.2	0.0	32.9	−0.8	21.4	21.4	92.3
889	0.125	0.1	0.0	24.3	−0.4	10.7	10.7	92.3
890	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0

n	rgb'^*_{Fde}			$LabCh'^*_{Fde}$					DE'^*_{Fde}	$h_{siM,de}$
810	1.0	1.0	1.0	96.4	0.0	−0.5	0.5	276.3	0.5	360
811	0.889	0.875	0.977	89.3	−1.8	−8.7	8.9	257.9	3.3	293
812	0.775	0.758	0.863	77.7	−6.0	−21.0	21.8	254.0	11.4	293
813	0.711	0.69	0.852	66.9	−7.6	−30.9	31.8	256.0	16.5	293
814	0.636	0.606	0.829	54.8	−8.6	−40.9	41.8	258.0	22.2	293
815	0.552	0.53	0.787	45.9	−9.2	−48.1	49.0	259.1	24.2	293
816	0.457	0.445	0.749	42.1	−7.5	−50.2	50.7	261.4	18.6	293
817	0.401	0.347	0.729	40.8	−5.6	−50.4	50.7	263.5	10.7	293
818	0.401	0.0	1.0	39.4	−5.6	−48.5	48.8	263.3	7.3	293
819	1.0	0.975	0.929	95.7	−6.9	18.8	20.1	110.1	10.4	79
820	0.87	0.871	0.871	88.1	0.1	0.0	0.1	324.7	1.8	360
821	0.772	0.76	0.813	82.2	−1.5	−15.5	15.6	264.2	10.0	293
822	0.667	0.667	0.762	68.5	−4.3	−28.0	28.4	261.1	16.5	293
823	0.583	0.583	0.716	55.7	−4.4	−38.6	38.8	263.4	22.3	293
824	0.511	0.498	0.665	45.4	−6.0	−46.9	47.2	262.6	25.8	293
825	0.412	0.409	0.615	41.4	−6.0	−50.1	50.4	263.1	21.8	293
826	0.316	0.307	0.565	39.8	−5.4	−49.1	49.4	263.6	13.7	293
827	0.187	0.167	0.492	36.7	−4.7	−46.1	46.3	264.1	6.7	293
828	1.0	0.928	0.807	95.1	−10.9	33.8	35.5	107.9	16.0	79
829	0.875	0.835	0.77	89.0	−6.5	17.5	18.7	110.5	10.1	79
830	0.77	0.762	0.763	76.0	0.1	−0.5	0.6	286.7	0.6	360
831	0.652	0.647	0.691	69.8	0.3	−17.2	17.2	271.2	11.0	293
832	0.564	0.561	0.642	57.8	−1.1	−34.1	34.1	268.1	22.0	293
833	0.488	0.482	0.597	46.2	−3.9	−45.5	45.7	265.0	28.4	293
834	0.391	0.379	0.538	40.7	−4.5	−49.7	49.9	264.7	26.1	293
835	0.293	0.285	0.476	38.1	−4.3	−47.5	47.7	264.7	17.2	293
836	0.178	0.165	0.407	33.9	−4.5	−42.7	42.9	263.8	7.9	293
837	1.0	0.891	0.696	94.6	−13.5	46.1	48.0	106.3	18.7	79
838	0.873	0.801	0.669	89.4	−11.5	35.8	37.6	107.9	18.9	79
839	0.77	0.727	0.663	78.2	−6.9	17.1	18.4	111.9	9.7	79
840	0.647	0.638	0.635	64.0	0.1	−1.2	1.2	276.5	2.5	360
841	0.55	0.536	0.571	56.4	−0.6	−20.4	20.4	268.2	14.3	293
842	0.467	0.468	0.541	47.4	−0.3	−37.0	37.0	269.4	24.9	293
843	0.376	0.365	0.479	39.8	−2.6	−49.2	49.3	266.8	31.0	293
844	0.29	0.278	0.424	35.9	−3.3	−46.3	46.5	265.8	21.8	293
845	0.174	0.16	0.345	30.2	−3.1	−39.2	39.3	265.3	9.0	293
846	1.0	0.89	0.62	94.1	−15.3	58.1	60.1	104.7	20.7	79
847	0.865	0.764	0.569	89.5	−14.6	53.2	55.2	105.3	26.1	79
848	0.759	0.681	0.553	80.4	−12.2	36.2	38.2	108.6	20.0	79
849	0.638	0.591	0.523	67.5	−6.9	16.8	18.2	112.2	9.3	79
850	0.542	0.524	0.517	50.6	0.1	−1.2	1.2	274.4	5.6	360
851	0.445	0.434	0.466	46.0	−1.0	−20.7	20.8	267.0	14.8	293
852	0.372	0.366	0.439	40.3	−1.6	−39.8	39.8	267.6	27.4	293
853	0.286	0.271	0.372	33.9	−1.6	−45.1	45.1	267.9	26.5	293
854	0.171	0.155	0.295	26.6	−1.5	−35.8	35.8	267.5	11.1	293
855	1.0	0.874	0.507	93.2	−16.4	71.0	72.9	103.0	22.9	79
856	0.855	0.73	0.473	89.3	−16.8	73.6	75.5	102.9	35.3	79
857	0.75	0.644	0.454	80.8	−15.4	57.1	59.2	105.1	30.1	79
858	0.632	0.556	0.421	68.6	−12.0	36.1	38.0	108.3	19.2	79
859	0.545	0.497	0.421	53.6	−7.0	15.9	17.4	113.9	8.5	79
860	0.437	0.413	0.406	36.5	0.0	−1.1	1.1	270.5	9.5	360
861	0.368	0.366	0.398	35.3	−1.7	−23.0	23.1	265.6	17.2	293
862	0.278	0.262	0.328	30.9	−2.3	−39.6	39.7	266.6	27.3	293
863	0.166	0.147	0.243	21.7	−0.9	−26.7	26.8	267.9	8.5	293
864	1.0	0.875	0.375	93.3	−17.4	82.2	84.0	101.9	23.9	79
865	0.845	0.707	0.384	88.9	−17.5	90.0	91.7	101.0	40.7	79
866	0.739	0.616	0.36	80.3	−16.5	78.4	80.1	101.8	39.7	79
867	0.629	0.531	0.333	68.0	−14.7	58.9	60.7	104.0	30.6	79
868	0.534	0.46	0.327	54.0	−11.8	38.6	40.4	107.0	20.4	79
869	0.44	0.395	0.323	39.2	−6.0	15.5	16.6	111.4	9.0	79
870	0.338	0.313	0.302	25.7	0.0	−0.8	0.8	273.4	10.2	360
871	0.271	0.258	0.288	25.6	−2.2	−25.7	25.8	264.9	19.9	293
872	0.147	0.13	0.194	21.1	−3.1	−9.5	10.0	252.0	4.5	293
873	1.0	0.851	0.25	92.9	−17.7	92.5	94.2	100.8	23.8	79
874	0.829	0.691	0.303	88.9	−17.3	90.6	92.2	100.8	32.2	79
875	0.719	0.595	0.282	80.1	−16.6	81.0	82.7	101.6	33.0	79
876	0.626	0.511	0.253	68.3	−15.2	67.1	68.8	102.7	28.9	79
877	0.525	0.433	0.241	54.7	−12.8	53.3	54.8	103.5	24.3	79
878	0.429	0.363	0.226	40.4	−9.8	35.7	37.0	105.3	17.0	79
879	0.336	0.293	0.219	29.2	−6.2	19.2	20.2	108.1	11.5	79
880	0.264	0.257	0.25	16.7	0.0	0.0	0.0	12.3	9.1	360
881	0.129	0.118	0.154	15.5	−0.9	−0.3	0.9	202.7	6.6	293
882	1.0	0.799	0.0	92.8	−17.6	95.6	97.2	100.4	19.1	79
883	0.812	0.668	0.152	89.1	−17.5	90.7	92.4	100.9	25.1	79
884	0.702	0.577	0.158	80.7	−16.8	81.6	83.3	101.6	26.1	79
885	0.613	0.497	0.157	68.8	−15.3	68.4	70.1	102.6	22.3	79
886	0.512	0.42	0.156	54.6	−12.7	53.1	54.6	103.4	15.7	79
887	0.413	0.338	0.143	40.9	−10.4	38.6	40.0	105.1	11.2	79
888	0.327	0.266	0.133	29.3	−7.8	24.3	25.6	107.8	8.3	79
889	0.241	0.198	0.123	19.2	−2.0	2.3	3.1	130.7	9.9	79
890	0.0	0.0	0.0	11.5	0.0	0.3	0.3	80.2	4.2	360
Mean color difference of this page:								**delta**	**17.3**	

n	rgb^*_{Mde}			$LabCh^*_{Mde}$				
810	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
811	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
812	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
813	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
814	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
815	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
816	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
817	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
818	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
819	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
820	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
821	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
822	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
823	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
824	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
825	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
826	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
827	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
828	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
829	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
830	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
831	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
832	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
833	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
834	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
835	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
836	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
837	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
838	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
839	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
840	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
841	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
842	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
843	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
844	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
845	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
846	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
847	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
848	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
849	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
850	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
851	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
852	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
853	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
854	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
855	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
856	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
857	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
858	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
859	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
860	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
861	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
862	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
863	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
864	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
865	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
866	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
867	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
868	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
869	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
870	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
871	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
872	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
873	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
874	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
875	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
876	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
877	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
878	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
879	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
880	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
881	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
882	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
883	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
884	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
885	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
886	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
887	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
888	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
889	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
890	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

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RE810−7N, Page 30/33−F

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, $\Delta E'^*$

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

1−1132934−F0

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 31/33

n	HIC^*_{Fde}	$rgb_{\_Fde}$			$ict_{\_Fde}$			$h_{si\_F,de}$	rgb^*_{Fde}			$LabCh^*_{Fde}$					rgb'^*_{Fde}			$LabCh'^*_{Fde}$					DE'^*_{Fde}	$h_{siM,de}$	rgb^*_{Mde}			$LabCh^*_{Mde}$				
891	NW_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	-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_012de	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	0.959	0.911	0.982	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_025de	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	0.92	0.805	0.911	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_037de	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	0.866	0.708	0.838	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_050de	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	0.805	0.613	0.749	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_062de	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	0.788	0.547	0.738	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_075de	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	0.768	0.476	0.718	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_087de	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	0.875	0.375	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_100de	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	0.775	0.285	0.77	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_012de	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	0.874	0.984	0.952	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_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	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_012de	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	0.828	0.764	0.805	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_025de	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	0.794	0.69	0.756	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_037de	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	0.754	0.596	0.695	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_050de	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	0.699	0.507	0.634	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_062de	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	0.659	0.426	0.59	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_075de	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	0.375	1.0	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_087de	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	0.551	0.275	0.496	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_025de	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	0.746	0.869	0.835	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_012de	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	0.758	0.807	0.793	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_075de	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	0.77	0.762	0.763	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_012de	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	0.719	0.653	0.685	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_025de	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	0.678	0.574	0.633	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_037de	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	0.629	0.473	0.563	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_050de	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	0.579	0.391	0.513	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_062de	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	0.532	0.318	0.471	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_075de	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	0.483	0.233	0.422	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_037de	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	0.648	0.874	0.794	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_025de	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	0.635	0.752	0.713	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_012de	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	0.639	0.686	0.666	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_062de	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	0.647	0.638	0.635	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_012de	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	0.601	0.532	0.557	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_025de	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	0.568	0.462	0.517	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_037de	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	0.517	0.366	0.452	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_050de	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	0.469	0.293	0.409	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_062de	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	0.422	0.199	0.355	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_050de	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	0.551	0.874	0.749	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_037de	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	0.501	1.0	0.874	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_025de	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	0.531	0.638	0.587	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_012de	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	0.536	0.573	0.545	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_050de	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	0.542	0.524	0.517	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_012de	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	0.501	0.441	0.464	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_025de	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	0.462	0.355	0.41	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_037de	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	0.41	0.264	0.345	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_050de	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	0.357	0.18	0.298	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_062de	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	0.382	0.749	0.623	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_050de	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	0.421	0.671	0.568	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_037de	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	0.43	0.59	0.516	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_025de	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	0.441	0.542	0.487	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_012de	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	0.442	0.478	0.445	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_037de	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	0.437	0.413	0.406	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_012de	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	0.412	0.358	0.381	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_025de	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	0.358	0.246	0.296	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_037de	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	0.306	0.171	0.254	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_075de	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	0.334	1.0	0.749	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_062de	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	0.332	0.615	0.507	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_050de	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	0.35	0.554	0.456	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_037de	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	0.35	0.49	0.409	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_025de	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	0.356	0.445	0.388	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_012de	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	0.362	0.406	0.374	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_025de	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	0.338	0.313	0.302	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_012de	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	0.312	0.25	0.271	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_025de	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	0.255	0.144	0.193	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_087de	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	0.25	1.0	0.75	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_075de	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	0.269	0.591	0.464	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_062de	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	0.275	0.523	0.404	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_050de	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	0.276	0.464	0.365	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_037de	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	0.277	0.41	0.327	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_025de	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	0.266	0.344	0.282	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_012de	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	0.264	0.297	0.263	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_012de	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	0.264	0.257	0.25	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_012de	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	0.189	0.117	0.146	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_100de	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	0.75	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	G00B_087_087de	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	0.125	1.0	0.75	59.2	-59.5	43.1	73.5	144.0	30.6	196	0.0	1.0	0.754	58.4	-54.9	17.6	57.7	162.2
965	G00B_075_075de	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	0.216	0.478	0.353	57.5	-60.1	41.7	73.2	145.2	35.6	196	0.0	1.0	0.754	58.4	-54.9	17.6	57.7	162.2
966	G00B_062_062de	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	0.21	0.415	0.298	51.5	-57.5	36.6	68.2	147.5	35.7	196	0.0	1.0	0.754	58.4	-54.9	17.6	57.7	162.2
967	G00B_050_050de	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	0.198	0.349	0.254	46.9	-54.9	32.3	63.7	149.5	37.4	196	0.0	1.0	0.754	58.4	-54.9	17.6	57.7	162.2
968	G00B_037_037de	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	0.189	0.297	0.22	40.2	-50.2	27.0	57.1	151.6	37.0	196	0.0	1.0	0.754	58.4	-54.9	17.6	57.7	162.2
969	G00B_025_025de	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	0.152	0.21	0.155	31.3	-41.0	19.7	45.5	154.3	31.7	196	0.0	1.0	0.754	58.4	-54.9	17.6	57.7	162.2
970	G00B_012_012de	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	0.13	0.158	0.131	22.5	-23.9	9.6	25.8	157.9	18.7	196	0.0	1.0	0.754	58.4	-54.9	17.6	57.7	162.2
971	NW_000de	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	13.4	0.0	0.0	0.0	265.8	2.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta** **25.0**

1-1133034-F0

RE810-7N, Page 31/33-F

TUB-test chart RE81; 16 step hue circle, cf=1
colors and differences, $\Delta E'^*$

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

1-1133034-F0

TUB registration: 20150701-RE81/RE81L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of laser printer output, no separation rgb* (RGB)

http://130.149.60.45/~farbmetrik/RE81/RE81L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization RE81/RE81LE30FA.DAT in file (F), page 32/33

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_F,de	rgb*Fde			LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde				
972	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	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_012de	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	0.264	0.257	0.25	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_025de	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	0.338	0.313	0.302	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_037de	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	0.437	0.413	0.406	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_050de	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	0.542	0.524	0.517	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_062de	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	0.647	0.638	0.635	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_075de	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	0.77	0.762	0.763	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_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	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_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	−0.1	−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_000de	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	12.1	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_012de	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	0.264	0.257	0.25	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_025de	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	0.338	0.313	0.302	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_037de	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	0.437	0.413	0.406	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_050de	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	0.542	0.524	0.517	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_062de	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	0.647	0.638	0.635	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_075de	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	0.77	0.762	0.763	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_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	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_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.5	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_000de	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	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_012de	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	0.264	0.257	0.25	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_025de	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	0.338	0.313	0.302	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_037de	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	0.437	0.413	0.406	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_050de	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	0.542	0.524	0.517	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_062de	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	0.647	0.638	0.635	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_075de	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	0.77	0.762	0.763	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_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	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_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−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_000de	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	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_012de	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	0.264	0.257	0.25	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_025de	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	0.338	0.313	0.302	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_037de	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	0.437	0.413	0.406	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_050de	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	0.542	0.524	0.517	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_062de	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	0.647	0.638	0.635	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_075de	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	0.77	0.762	0.763	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_087de	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	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_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−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_000de	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	0.0	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_006de	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	0.176	0.149	0.144	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_013de	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	0.269	0.259	0.252	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_020de	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	0.305	0.282	0.272	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_026de	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	0.352	0.331	0.321	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_033de	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	0.413	0.396	0.389	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_040de	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	0.454	0.429	0.422	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_046de	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	0.522	0.512	0.504	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_053de	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	0.562	0.539	0.534	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_060de	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	0.631	0.627	0.621	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_066de	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	0.677	0.66	0.662	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_073de	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	0.761	0.756	0.756	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_080de	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	0.799	0.783	0.792	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_086de	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.853	0.849	0.856	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_093de	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.929	0.936	0.957	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_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.2	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_000de	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	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_006de	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	0.176	0.149	0.144	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_013de	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	0.269	0.259	0.252	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_020de	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	0.305	0.282	0.272	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_026de	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	0.352	0.331	0.321	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_033de	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	0.413	0.396	0.389	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_040de	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	0.454	0.429	0.422	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_046de	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	0.522	0.512	0.504	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_053de	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	0.562	0.539	0.534	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_060de	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	0.631	0.627	0.621	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_066de	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	0.677	0.66	0.662	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_073de	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	0.761	0.756	0.756	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_080de	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	0.799	0.783	0.792	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_086de	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.853	0.849	0.856	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_093de	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.929	0.936	0.957	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_100de	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.4	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_000de	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	10.9	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_006de	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	0.176	0.149	0.144	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_013de	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	0.269	0.259	0.252	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_020de	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	0.305	0.282	0.272	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_026de	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	0.352	0.331	0.321	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_033de	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	0.413	0.396	0.389	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_040de	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	0.454	0.429	0.422	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_046de	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	0.522	0.512	0.504	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	0.0
1048	NW_053de	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.7	0.0	0.0	0.0	0.0	0.562	0.539	0.534	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	0.0
1049	NW_060de	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.1	0.0	0.0	0.0	0.0	0.631	0.627	0.621	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	0.0
1050	NW_066de	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.0	0.677	0.66	0.662	66.4	0.2	−0.9	0.9	284.6	3.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1051	NW_073de	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.9	0.0	0.0	0.0	0.0	0.761	0.756	0.756	72.7	0.1	−0.4	0.4	293.1	2.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1052	NW_080de	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.2	0.0	0.0	0.0	0.0	0.799	0.783	0.792	78.5	0.3	−0.3	0.4	314.9	1.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

Mean color difference of this page: delta 6.3

1-1133134-F0 RE810-7N, Page 32/33-F

TUB-test chart RE81; 16 step hue circle, cf=1
colors and differences, $\Delta E'^*$

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

see similar files: http://130.149.60.45/~farbmetrik/RE81/RE81.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-1133134-F0

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'**$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
1053	NW_086$_{de}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.853	0.849	0.856	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$_{de}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.929	0.936	0.957	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$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−0.3	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$_{de}$	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$_{de}$	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	0.176	0.149	0.144	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$_{de}$	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	0.269	0.259	0.252	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$_{de}$	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	0.305	0.282	0.272	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$_{de}$	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	0.352	0.331	0.321	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$_{de}$	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	0.413	0.396	0.389	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$_{de}$	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	0.454	0.429	0.422	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$_{de}$	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	0.522	0.512	0.504	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$_{de}$	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	0.562	0.539	0.534	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$_{de}$	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	0.631	0.627	0.621	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$_{de}$	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	0.677	0.66	0.662	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$_{de}$	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	0.761	0.756	0.756	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$_{de}$	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	0.799	0.783	0.792	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$_{de}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.853	0.849	0.856	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$_{de}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.929	0.936	0.957	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$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.0	0.2	−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$_{de}$	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$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.1	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$_{de}$	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	0.996	0.115	0.26	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$_{de}$	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	0.169	0.623	0.749	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$_{de}$	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	0.799	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$_{de}$	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	0.401	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$_{de}$	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	0.75	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$_{de}$	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	0.775	0.285	0.77	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 8.0

TUB-test chart RE81; 16 step hue circle, *cf*=1
colors and differences, $\Delta E'^*$

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

1−1133234−F0