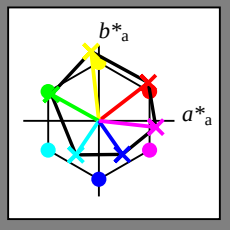
Input and Output: Offset Reflective System ORS18a

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

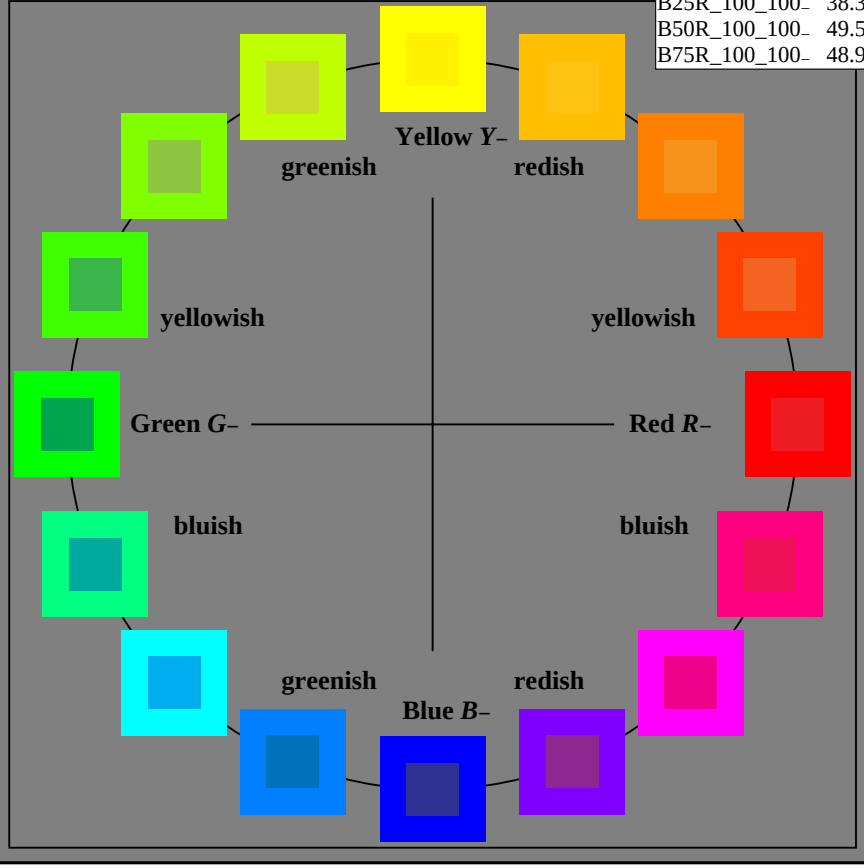
*H*_*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
R00Y_100_100_	48.4	66.1	40.2	77.3	31
R25Y_100_100_	56.8	48.0	50.5	69.6	46
R50Y_100_100_	68.6	25.0	63.9	68.6	68
R75Y_100_100_	80.6	4.8	77.2	77.3	86
Y00G_100_100_	90.2	−9.6	88.2	88.7	96
Y25G_100_100_	83.2	−18.4	79.9	81.9	102
Y50G_100_100_	73.3	−31.7	62.7	70.2	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

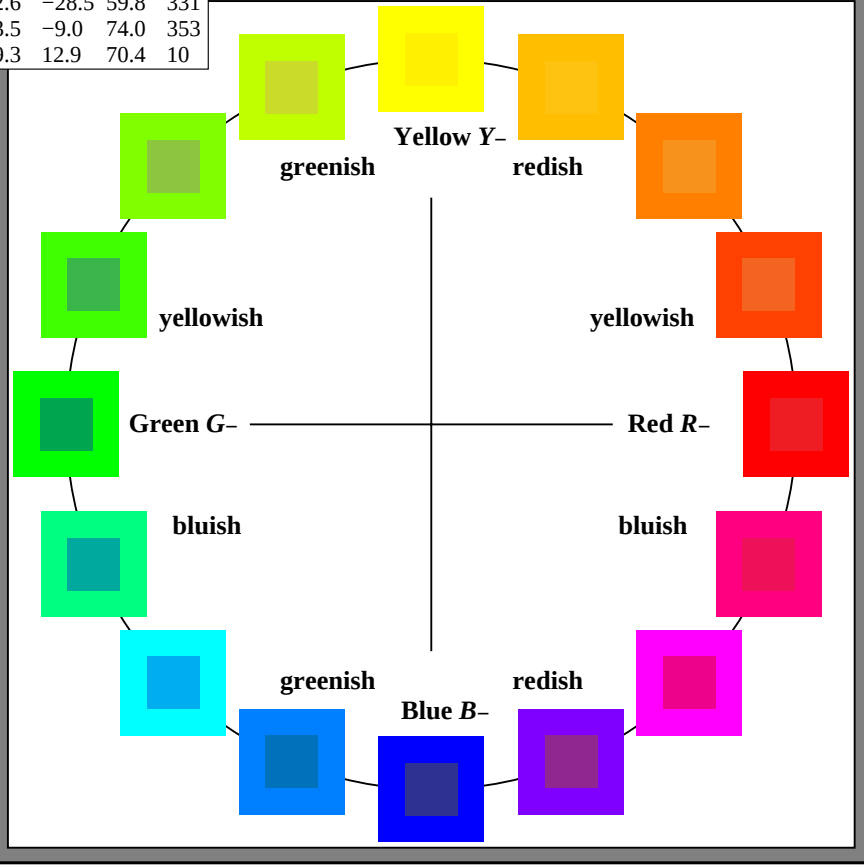


%Gamut
u^*_{rel} = 92
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 58

ORS18a; adapted (a) CIELAB data

Name	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
R–,Ma	47.9	65.3	50.5	82.6	37
Y–,Ma	90.3	−10.2	91.7	92.3	96
G–,Ma	50.9	−62.8	34.9	71.9	150
C–,Ma	58.6	−30.3	−45.0	54.2	236
B–,Ma	25.7	31.0	−44.4	54.2	305
M–,Ma	48.1	75.2	−8.3	75.7	353
N–,Ma	18.0	0.0	0.0	0.0	0
W–,Ma	95.4	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



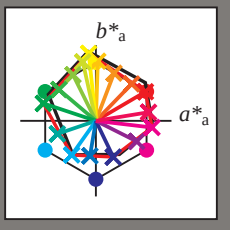


Input and Output: Offset Reflective System ORS18a

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$_d$

ORS20a; adapted (a) CIELAB data

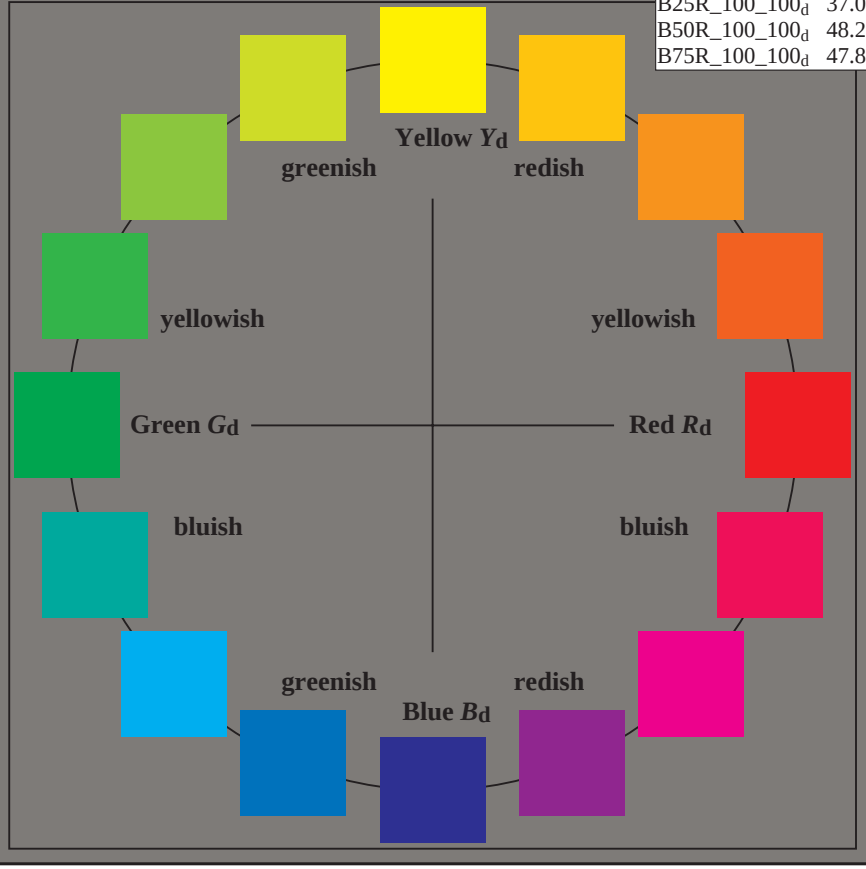
*H**$_d$	*L**=*L**$_a$	*a**$_a$	*b**$_a$	*C**$_{ab,a}$	*h**$_{ab,a}$
R00Y_100_100$_d$	47.5	65.5	38.4	76.0	30
R25Y_100_100$_d$	55.9	47.3	48.7	67.9	45
R50Y_100_100$_d$	68.1	24.0	63.0	67.4	69
R75Y_100_100$_d$	81.2	2.5	78.8	78.9	88
Y00G_100_100$_d$	89.4	−9.5	89.0	89.6	96
Y25G_100_100$_d$	84.1	−17.3	77.9	79.8	102
Y50G_100_100$_d$	73.1	−30.2	60.8	67.9	116
Y75G_100_100$_d$	60.3	−48.7	41.3	63.9	139
G00B_100_100$_d$	51.6	−69.3	23.0	73.1	161
G25B_100_100$_d$	54.6	−50.8	−17.3	53.7	198
G50B_100_100$_d$	57.8	−31.9	−45.1	55.3	234
G75B_100_100$_d$	42.3	−7.7	−46.3	46.9	260
B00R_100_100$_d$	24.9	22.9	−47.8	53.0	295
B25R_100_100$_d$	37.0	53.9	−27.1	60.4	333
B50R_100_100$_d$	48.2	74.2	−8.7	74.7	353
B75R_100_100$_d$	47.8	69.7	11.3	70.6	9

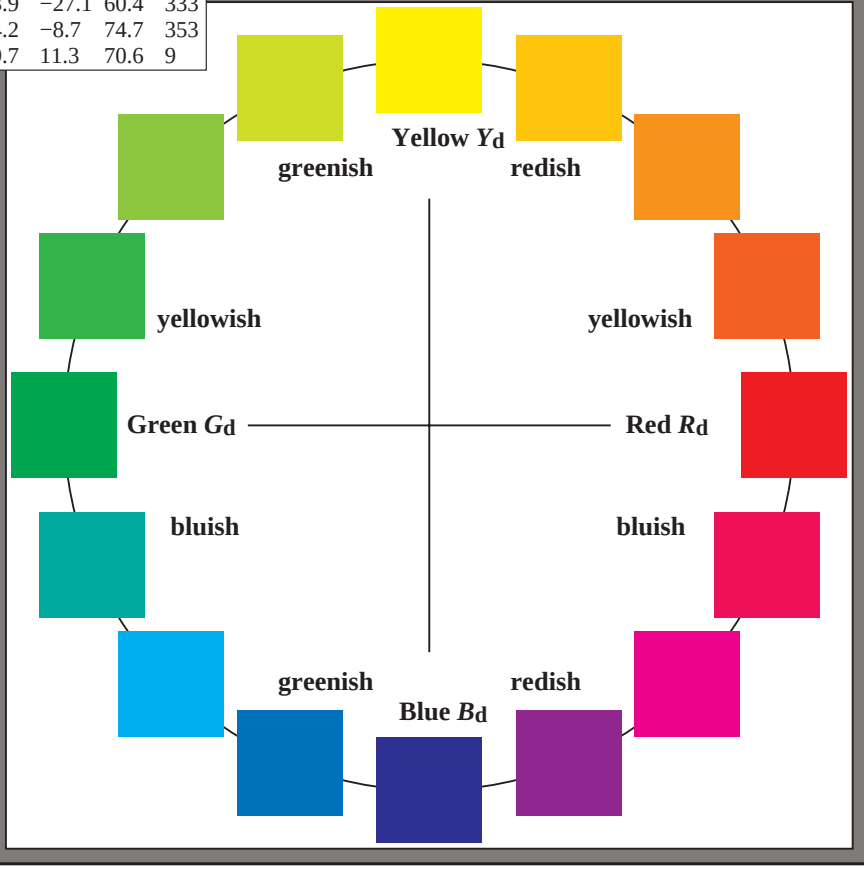


%Gamut
u*$_{rel}$ = 92
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 58

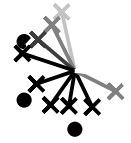
ORS20a; adapted (a) CIELAB data

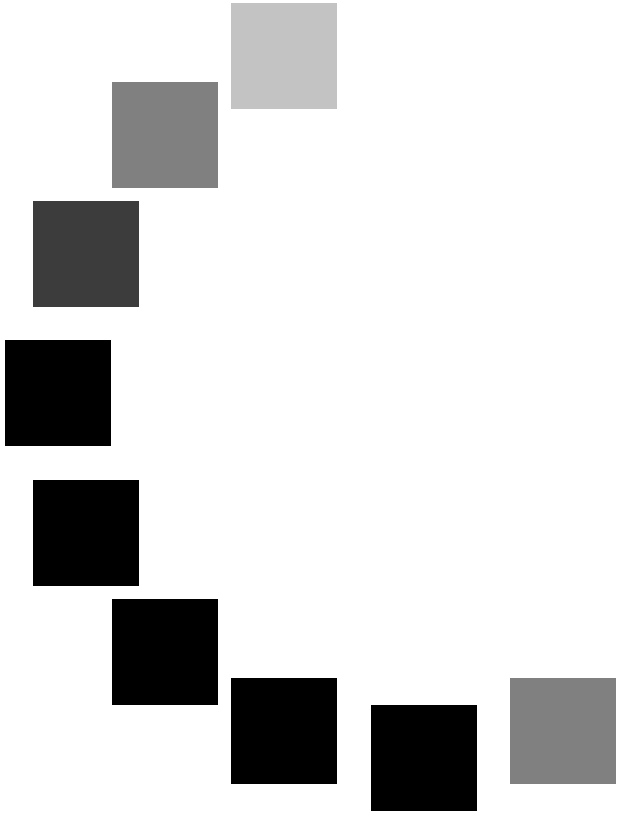
Name	*L**=*L**$_a$	*a**$_a$	*b**$_a$	*C**$_{ab,a}$	*h**$_{ab,a}$
R$_{d,Ma}$	47.5	65.5	38.4	76.0	30
Y$_{d,Ma}$	89.4	−9.5	89.0	89.6	96
G$_{d,Ma}$	51.6	−69.3	23.0	73.1	161
C$_{d,Ma}$	57.8	−31.9	−45.1	55.3	234
B$_{d,Ma}$	24.9	22.9	−47.8	53.0	295
M$_{d,Ma}$	48.2	74.2	−8.7	74.7	353
N$_{d,Ma}$	18.5	0.0	0.0	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

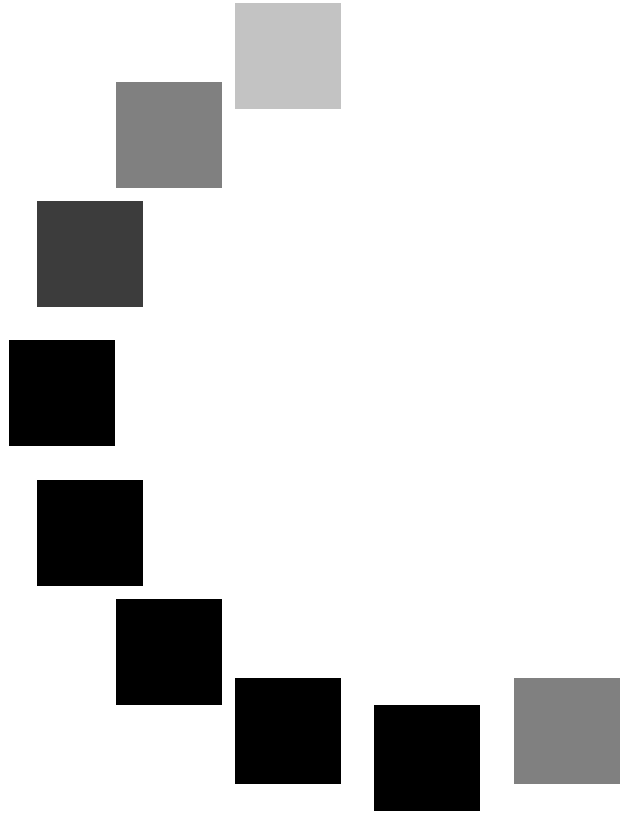




SE04 10A







see similar files: http://130.149.60.45/~farbmetrik/SE04/SE04.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-SE04/SE04L0FA.TXT /.PS
application for measurement of offset print output, separationcmyn6* (CMYK)

TUB material: code=rha4ta

1-103230-L0

SE040-72

TUB-test chart SE04; 16 hues, offset standard paper APCO
Test chart according to DIN 33872, 3D=1, de=0, *cmyk**

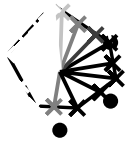
input: *rgb/cmyk* -> rgb_{dd}
output: 3D-linearization to $cmyk^*_{dd}$

1-103230-F0

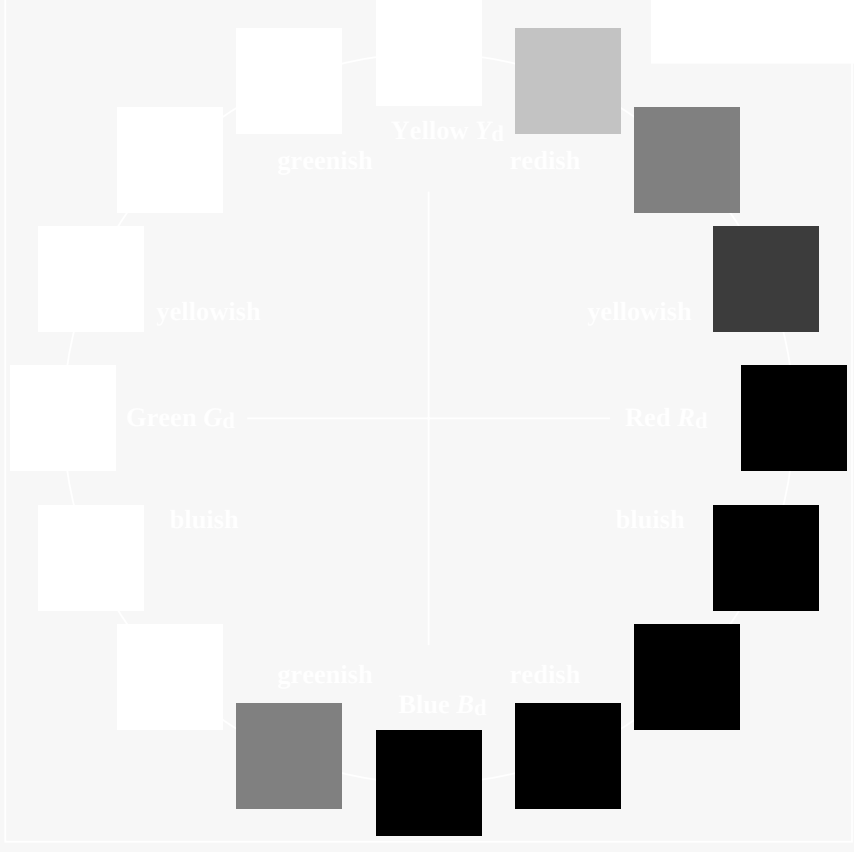
SE04 10A

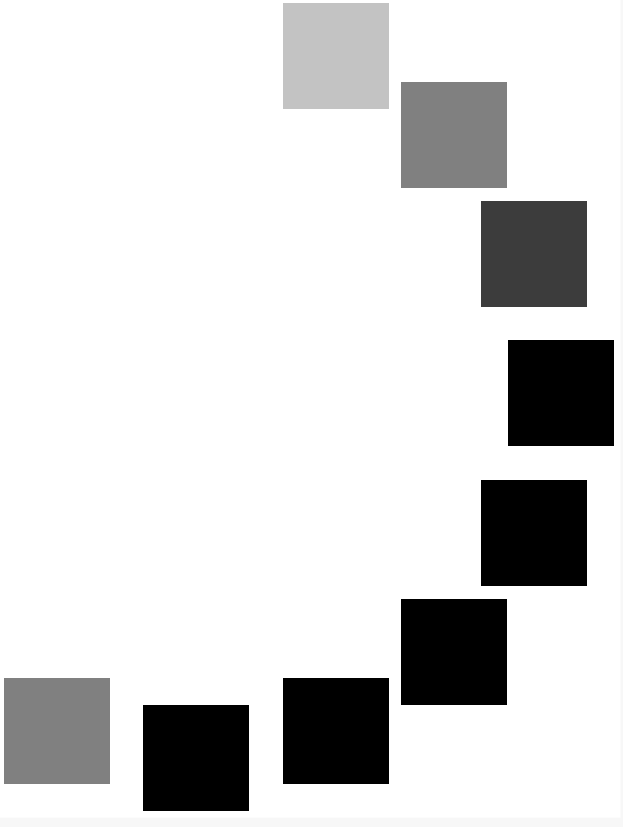
Input and Output: Offset Reflective System ORS18a

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$_d$



%Gamut
u^*_{rel} = 92
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 58





see similar files: http://130.149.60.45/~farbmetrik/SE04/SE04.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-SE04/SE04L0FA.TXT /.PS
application for measurement of offset print output, separationcmyn6* (CMYK)
TUB material: code=rha4ta

1−103330−L0 SE040−72
1−103330−F0

TUB-test chart SE04; 16 hues, offset standard paper APCO
Test chart according to DIN 33872, 3D=1, de=0, *cmyk**

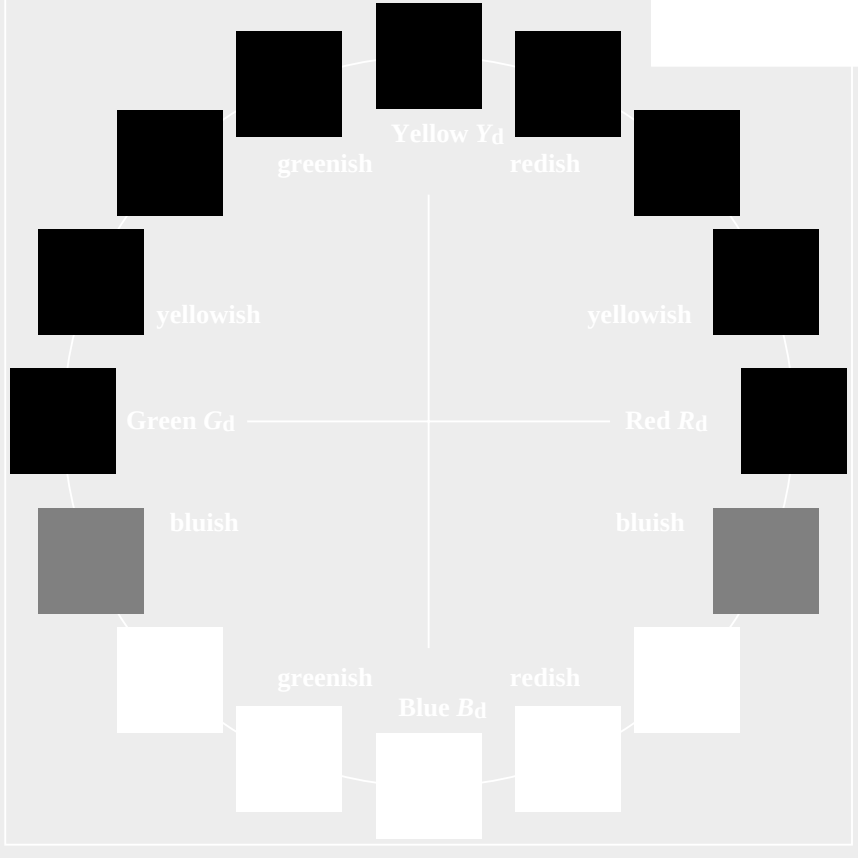
input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$

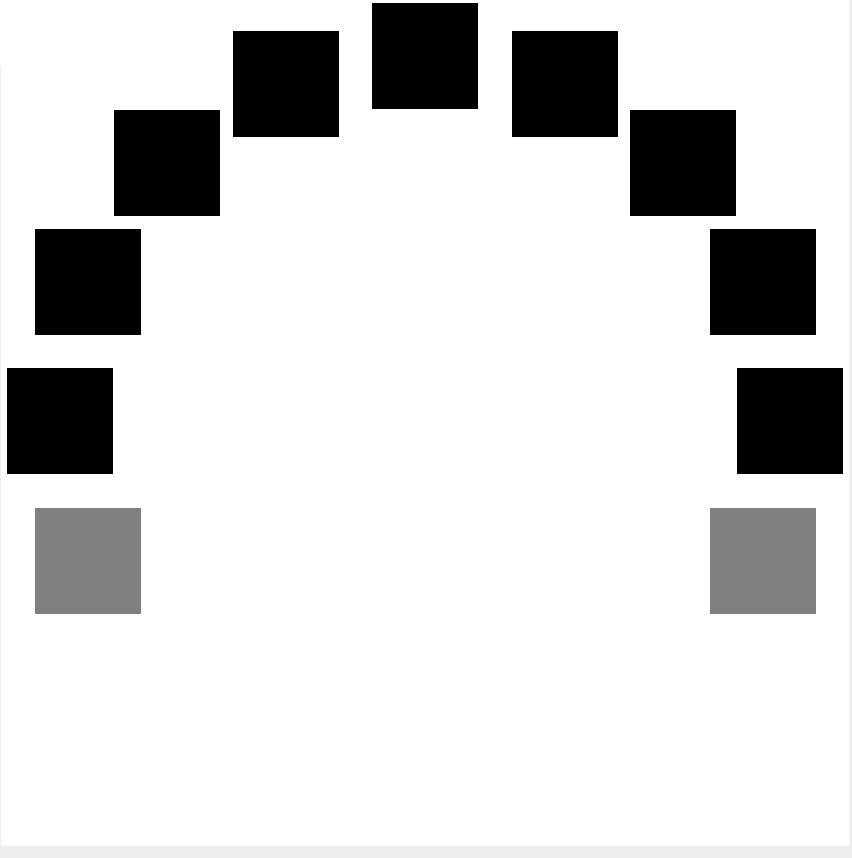
SE04 10A

Input and Output: Offset Reflective System ORS18a

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$_d$

%Gamut
u^*_{rel} = 92
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 58





see similar files: http://130.149.60.45/~farbmetrik/SE04/SE04.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-SE04/SE04L0FA.TXT /.PS
application for measurement of offset print output, separationcmyn6* (CMYK)
TUB material: code=rha4ta

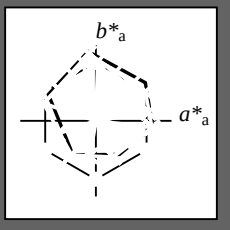
1−103430−L0 SE040−72
TUB-test chart SE04; 16 hues, offset standard paper APCO
Test chart according to DIN 33872, 3D=1, de=0, *cmyk**
input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$
1−103430−F0

Input and Output: Offset Reflective System ORS18a

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$_d$**

ORS20a; adapted (a) CIELAB data

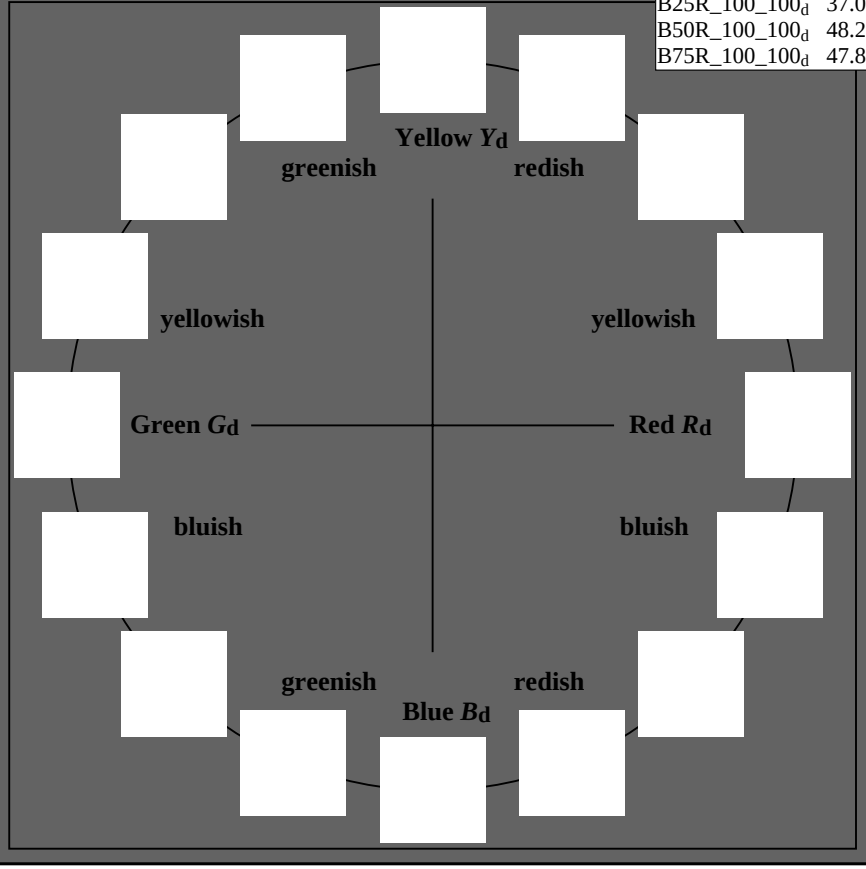
H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100$_d$	47.5	65.5	38.4	76.0	30
R25Y_100_100$_d$	55.9	47.3	48.7	67.9	45
R50Y_100_100$_d$	68.1	24.0	63.0	67.4	69
R75Y_100_100$_d$	81.2	2.5	78.8	78.9	88
Y00G_100_100$_d$	89.4	−9.5	89.0	89.6	96
Y25G_100_100$_d$	84.1	−17.3	77.9	79.8	102
Y50G_100_100$_d$	73.1	−30.2	60.8	67.9	116
Y75G_100_100$_d$	60.3	−48.7	41.3	63.9	139
G00B_100_100$_d$	51.6	−69.3	23.0	73.1	161
G25B_100_100$_d$	54.6	−50.8	−17.3	53.7	198
G50B_100_100$_d$	57.8	−31.9	−45.1	55.3	234
G75B_100_100$_d$	42.3	−7.7	−46.3	46.9	260
B00R_100_100$_d$	24.9	22.9	−47.8	53.0	295
B25R_100_100$_d$	37.0	53.9	−27.1	60.4	333
B50R_100_100$_d$	48.2	74.2	−8.7	74.7	353
B75R_100_100$_d$	47.8	69.7	11.3	70.6	9

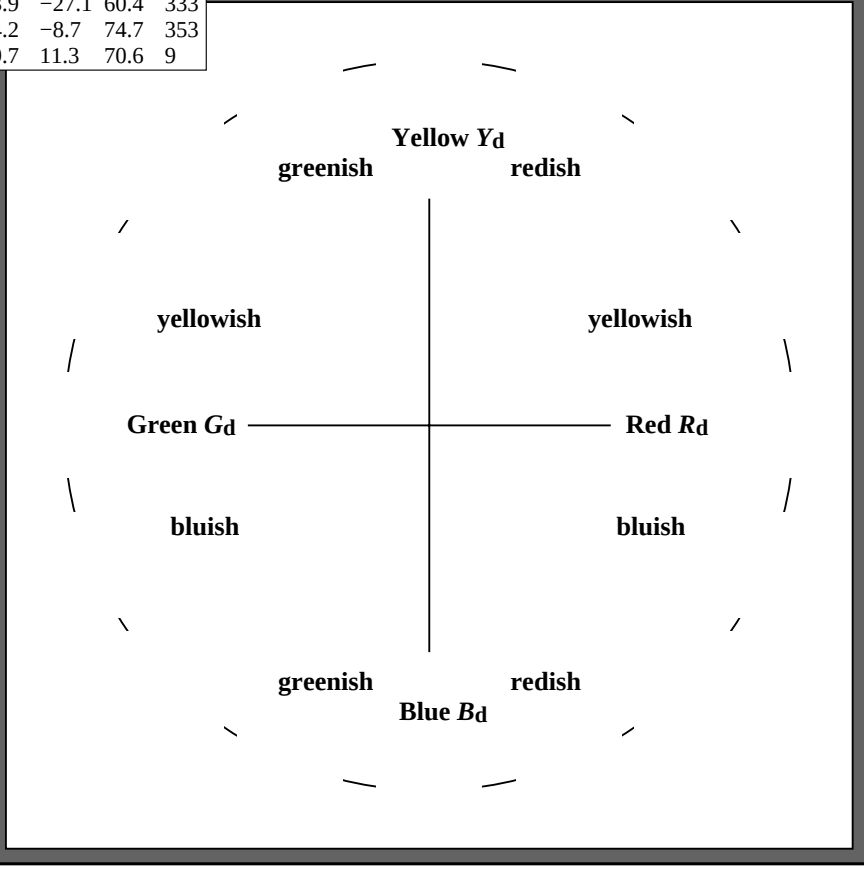


%Gamut
u^*_{rel} = 92
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 58

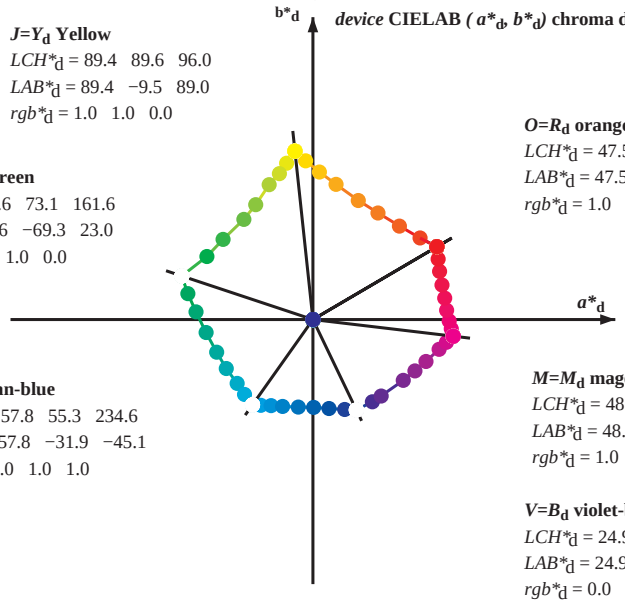
ORS20a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R$_{d,Ma}$	47.5	65.5	38.4	76.0	30
Y$_{d,Ma}$	89.4	−9.5	89.0	89.6	96
G$_{d,Ma}$	51.6	−69.3	23.0	73.1	161
C$_{d,Ma}$	57.8	−31.9	−45.1	55.3	234
B$_{d,Ma}$	24.9	22.9	−47.8	53.0	295
M$_{d,Ma}$	48.2	74.2	−8.7	74.7	353
N$_{d,Ma}$	18.5	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





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*$_d$: $h_{ab,d}$ = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6



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

J=Y_d Yellow
LCH^*_d = 89.4 89.6 96.0
LAB^*_d = 89.4 −9.5 89.0
rgb^*_d = 1.0 1.0 0.0

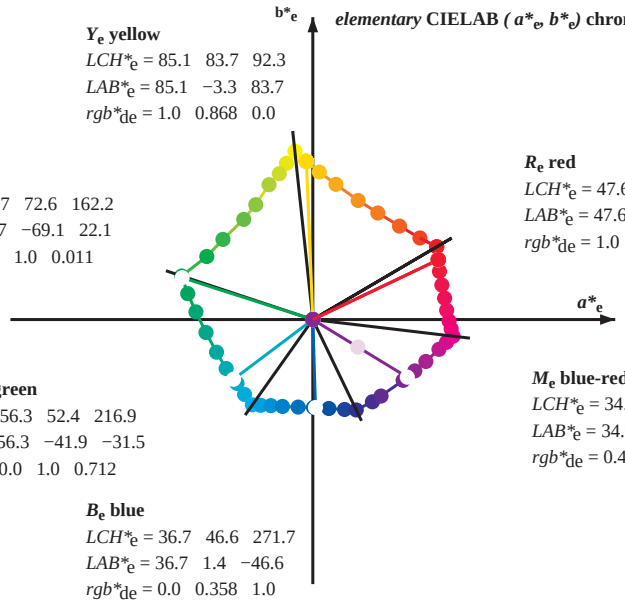
O=R_d orange-red
LCH^*_d = 47.5 76.0 30.4
LAB^*_d = 47.5 65.5 38.4
rgb^*_d = 1.0 0.0 0.0

L=G_d leaf-green
LCH^*_d = 51.6 73.1 161.6
LAB^*_d = 51.6 −69.3 23.0
rgb^*_d = 0.0 1.0 0.0

C=C_d cyan-blue
LCH^*_d = 57.8 55.3 234.6
LAB^*_d = 57.8 −31.9 −45.1
rgb^*_d = 0.0 1.0 1.0

M=M_d magenta-red
LCH^*_d = 48.2 74.7 353.2
LAB^*_d = 48.2 74.2 −8.7
rgb^*_d = 1.0 0.0 1.0

V=B_d violet-blue
LCH^*_d = 24.9 53.0 295.6
LAB^*_d = 24.9 22.9 −47.8
rgb^*_d = 0.0 0.0 1.0



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

Y_e yellow
LCH^*_e = 85.1 83.7 92.3
LAB^*_e = 85.1 −3.3 83.7
rgb^*_{de} = 1.0 0.868 0.0

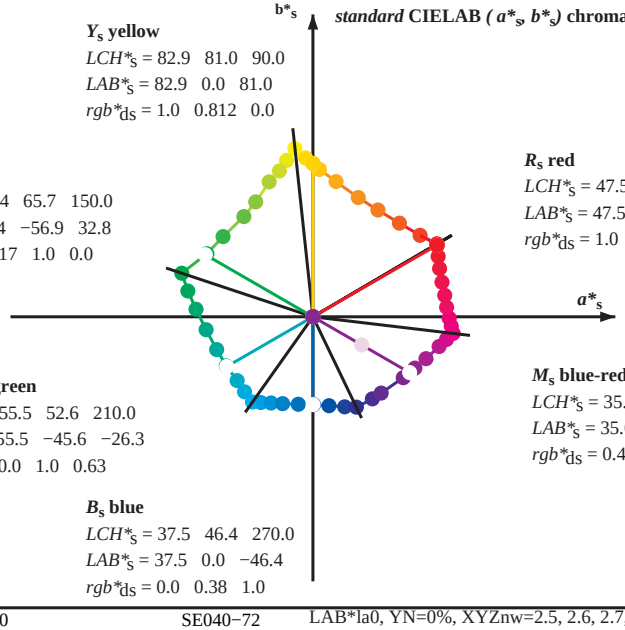
R_e red
LCH^*_e = 47.6 73.4 25.4
LAB^*_e = 47.6 66.3 31.6
rgb^*_{de} = 1.0 0.0 0.131

G_e green
LCH^*_e = 51.7 72.6 162.2
LAB^*_e = 51.7 −69.1 22.1
rgb^*_{de} = 0.0 1.0 0.011

C_e blue-green
LCH^*_e = 56.3 52.4 216.9
LAB^*_e = 56.3 −41.9 −31.5
rgb^*_{de} = 0.0 1.0 0.712

M_e blue-red
LCH^*_e = 34.9 58.6 328.6
LAB^*_e = 34.9 50.0 −30.5
rgb^*_{de} = 0.42 0.0 1.0

B_e blue
LCH^*_e = 36.7 46.6 271.7
LAB^*_e = 36.7 1.4 −46.6
rgb^*_{de} = 0.0 0.358 1.0



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

Y_s yellow
LCH^*_s = 82.9 81.0 90.0
LAB^*_s = 82.9 0.0 81.0
rgb^*_{ds} = 1.0 0.812 0.0

R_s red
LCH^*_s = 47.5 75.8 30.0
LAB^*_s = 47.5 65.6 37.9
rgb^*_{ds} = 1.0 0.0 0.01

G_s green
LCH^*_s = 56.4 65.7 150.0
LAB^*_s = 56.4 −56.9 32.8
rgb^*_{ds} = 0.117 1.0 0.0

C_s blue-green
LCH^*_s = 55.5 52.6 210.0
LAB^*_s = 55.5 −45.6 −26.3
rgb^*_{ds} = 0.0 1.0 0.63

M_s blue-red
LCH^*_s = 35.6 59.1 330.0
LAB^*_s = 35.6 51.2 −29.5
rgb^*_{ds} = 0.443 0.0 1.0

B_s blue
LCH^*_s = 37.5 46.4 270.0
LAB^*_s = 37.5 0.0 −46.4
rgb^*_{ds} = 0.0 0.38 1.0

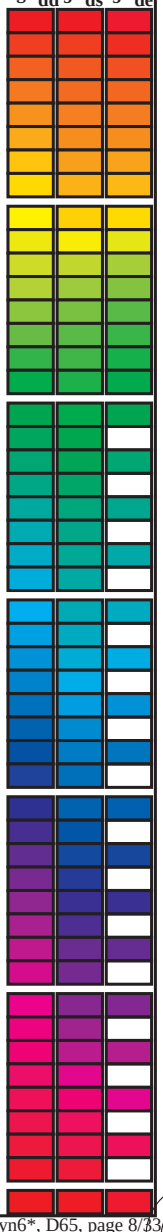
Notes to the CIELAB chroma diagrams (a^*_d, b^*_d), (a^*_s, b^*_s), (a^*_e, b^*_e)

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

SE04 10A

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*$_d$: $h_{ab,d}$ = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd64M			*LAB**ddx64M (x=LabCh)					*rgb**ddx361M			*LAB**ddx361M (x=LabCh)					*rgb**dsx361M			*LAB**dsx361M (x=LabCh)					*rgb**dex361M			*LAB**dex361M					rgb*$_{dd}$ *rgb**$_{ds}$ *rgb**$_{de}$
30.4	30.0	25.4	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4	1.0	0.0	0.0	47.5	65.6	38.5	76.1	30	1.0	0.0	0.011	47.5	65.7	37.9	75.8	30	1.0	0.0	0.131	47.7	66.3	31.6	73.5	25	
37.2	37.5	33.8	1.0	0.125	0.0	51.5	56.6	43.1	71.2	37.2	1.0	0.117	0.0	51.3	57.3	42.9	71.6	36	1.0	0.12	0.0	51.4	57.0	43.0	71.4	37	1.0	0.052	0.0	49.2	61.9	40.6	74.0	33	
47.2	45.0	42.1	1.0	0.25	0.0	56.6	45.8	49.4	67.4	47.2	1.0	0.25	0.0	56.6	45.8	49.5	67.4	47	1.0	0.222	0.0	55.5	48.3	48.3	68.3	45	1.0	0.187	0.0	54.1	51.4	46.6	69.4	42	
58.6	52.5	50.5	1.0	0.375	0.0	62.3	34.4	56.4	66.1	58.6	1.0	0.367	0.0	62.0	35.2	56.1	66.2	57	1.0	0.302	0.0	59.0	41.2	52.7	66.9	52	1.0	0.28	0.0	58.0	43.2	51.4	67.1	49	
69.1	60.0	58.8	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1	1.0	0.5	0.0	68.1	24.0	63.0	67.5	69	1.0	0.391	0.0	63.1	33.1	57.4	66.3	60	1.0	0.378	0.0	62.5	34.2	56.6	66.1	58	
80.3	67.5	67.2	1.0	0.625	0.0	74.9	12.1	71.5	72.5	80.3	1.0	0.617	0.0	74.5	13.1	71.1	72.2	79	1.0	0.475	0.0	66.9	26.3	61.8	67.2	67	1.0	0.471	0.0	66.8	26.6	61.7	67.1	66	
87.4	75.0	75.6	1.0	0.75	0.0	80.5	3.4	78.0	78.1	87.4	1.0	0.75	0.0	80.6	3.5	78.1	78.1	87	1.0	0.565	0.0	71.7	18.2	67.8	70.1	75	1.0	0.572	0.0	72.1	17.5	68.2	70.4	75	
92.5	82.5	83.9	1.0	0.875	0.0	85.4	−3.7	84.0	84.0	92.5	1.0	0.867	0.0	85.1	−3.2	83.6	83.7	92	1.0	0.654	0.0	76.3	10.3	73.2	73.9	82	1.0	0.679	0.0	77.4	8.6	74.5	75.0	83	
96.0	90.0	92.3	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0	1.0	1.0	0.0	89.4	−9.4	89.1	89.6	96	1.0	0.812	0.0	83.0	0.0	81.1	81.1	90	1.0	0.868	0.0	85.2	−3.3	83.7	83.8	92	
99.5	97.5	101.0	0.875	1.0	0.0	86.7	−13.9	82.7	83.8	99.5	0.883	1.0	0.0	86.9	−13.6	83.1	84.3	99	0.967	1.0	0.0	88.7	−10.6	87.4	88.1	97	0.842	1.0	0.0	85.9	−14.9	81.3	82.6	100	
102.9	105.0	109.7	0.75	1.0	0.0	83.7	−17.7	77.1	79.2	102.9	0.75	1.0	0.0	83.7	−17.7	77.2	79.2	102	0.7	1.0	0.0	81.4	−20.0	74.9	77.5	105	0.598	1.0	0.0	77.0	−24.8	69.2	73.5	109	
107.9	112.5	118.5	0.625	1.0	0.0	77.9	−23.1	71.3	75.0	107.9	0.633	1.0	0.0	78.4	−22.7	71.7	75.3	107	0.566	1.0	0.0	75.7	−26.7	66.4	71.6	112	0.477	1.0	0.0	72.4	−31.4	59.4	67.3	117	
116.4	120.0	127.2	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4	0.5	1.0	0.0	73.2	−30.1	60.8	67.9	116	0.445	1.0	0.0	71.3	−33.1	57.5	66.4	120	0.35	1.0	0.0	67.3	−38.8	51.1	64.3	127	
124.5	127.5	136.0	0.375	1.0	0.0	68.8	−36.5	53.0	64.4	124.5	0.383	1.0	0.0	69.1	−36.1	53.6	64.6	124	0.353	1.0	0.0	67.4	−38.6	51.3	64.3	127	0.276	1.0	0.0	62.5	−45.4	44.8	63.9	135	
138.2	135.0	144.7	0.25	1.0	0.0	60.8	−47.5	42.4	63.7	138.2	0.25	1.0	0.0	60.9	−47.4	42.4	63.7	138	0.28	1.0	0.0	62.8	−45.1	45.2	63.9	135	0.176	1.0	0.0	58.4	−52.7	37.3	64.6	144	
149.2	142.5	153.4	0.125	1.0	0.0	56.7	−56.1	33.3	65.2	149.2	0.133	1.0	0.0	57.0	−55.5	34.0	65.2	148	0.207	1.0	0.0	59.5	−50.5	39.6	64.2	142	0.088	1.0	0.0	55.2	−60.1	30.8	67.6	152	
161.6	150.0	162.2	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6	0.0	1.0	0.0	51.7	−69.3	23.1	73.1	161	0.117	1.0	0.0	56.4	−56.8	32.9	65.8	150	0.0	1.0	0.011	51.7	−69.0	22.2	72.6	162	
168.3	157.5	169.0	0.0	1.0	0.125	52.3	−66.1	13.6	67.5	168.3	0.0	1.0	0.117	52.3	−66.3	14.3	67.9	167	0.047	1.0	0.0	53.5	−64.5	27.4	70.2	157	0.0	1.0	0.129	52.4	−65.9	13.3	67.3	168	
176.2	165.0	175.9	0.0	1.0	0.25	53.0	−61.8	4.0	61.9	176.2	0.0	1.0	0.25	53.0	−61.8	4.0	62.0	176	0.0	1.0	0.063	52.0	−67.8	18.2	70.3	165	0.0	1.0	0.244	53.0	−62.0	4.4	62.2	175	
186.9	172.5	182.7	0.0	1.0	0.375	53.8	−56.5	−6.8	56.9	186.9	0.0	1.0	0.367	53.8	−56.9	−6.1	57.3	186	0.0	1.0	0.183	52.7	−64.2	9.0	65.0	172	0.0	1.0	0.321	53.5	−59.0	−2.3	59.1	182	
198.8	180.0	189.6	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8	0.0	1.0	0.5	54.7	−50.8	−17.2	53.7	198	0.0	1.0	0.294	53.3	−60.1	0.0	60.2	180	0.0	1.0	0.403	54.0	−55.4	−9.3	56.2	189	
209.5	187.5	196.4	0.0	1.0	0.625	55.4	−45.8	−25.9	52.6	209.5	0.0	1.0	0.617	55.4	−46.1	−25.3	52.7	208	0.0	1.0	0.376	53.9	−56.4	−6.8	56.9	187	0.0	1.0	0.47	54.5	−52.3	−14.9	54.5	195	
220.1	195.0	203.2	0.0	1.0	0.75	56.6	−40.0	−33.7	52.4	220.1	0.0	1.0	0.75	56.7	−40.0	−33.7	52.4	220	0.0	1.0	0.46	54.4	−52.8	−14.1	54.8	195	0.0	1.0	0.552	55.0	−48.9	−21.0	53.3	203	
227.6	202.5	210.1	0.0	1.0	0.875	57.2	−36.1	−39.6	53.6	227.6	0.0	1.0	0.867	57.3	−36.3	−39.2	53.6	227	0.0	1.0	0.537	54.9	−49.4	−19.9	53.4	202	0.0	1.0	0.627	55.5	−45.7	−26.0	52.7	209	
234.6	210.0	216.9	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6	0.0	1.0	1.0	57.9	−31.9	−45.0	55.3	234	0.0	1.0	0.631	55.5	−45.5	−26.2	52.7	210	0.0	1.0	0.713	56.3	−41.8	−31.5	52.5	216	
238.7	217.5	223.8	0.0	0.875	1.0	54.9	−27.5	−45.3	53.0	238.7	0.0	0.883	1.0	55.1	−27.8	−45.3	53.2	238	0.0	1.0	0.713	56.3	−41.8	−31.5	52.5	217	0.0	1.0	0.804	56.9	−38.4	−36.3	52.9	223	
244.0	225.0	230.6	0.0	0.75	1.0	51.3	−22.1	−45.6	50.7	244.0	0.0	0.75	1.0	51.3	−22.1	−45.5	50.7	244	0.0	1.0	0.831	57.1	−37.5	−37.5	53.2	225	0.0	1.0	0.929	57.5	−34.4	−41.9	54.4	230	
250.7	232.5	237.5	0.0	0.625	1.0	47.2	−16.0	−45.9	48.7	250.7	0.0	0.633	1.0	47.5	−16.3	−45.9	48.8	250	0.0	1.0	0.952	57.7	−33.6	−43.0	54.7	232	0.0	0.927	1.0	56.1	−29.3	−45.2	54.0	237	
260.4	240.0	244.3	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4	0.0	0.5	1.0	42.4	−7.7	−46.2	47.0	260	0.0	0.845	1.0	54.1	−26.2	−45.4	52.5	240	0.0	0.745	1.0	51.2	−21.8	−45.6	50.6	244	
270.4	247.5	251.2	0.0	0.375	1.0	37.3	0.3	−46.4	46.4	270.4	0.0	0.383	1.0	37.7	−0.1	−46.4	46.5	269	0.0	0.695	1.0	49.6	−19.4	−45.8	49.8	247	0.0	0.625	1.0	47.3	−16.0	−45.9	48.7	250	
280.2	255.0	258.0	0.0	0.25	1.0	32.7	8.5	−47.0	47.8	280.2	0.0	0.25	1.0	32.8	8.5	−47.0	47.8	280	0.0	0.57	1.0	45.1	−12.3	−46.2	47.9	255	0.0	0.531	1.0	43.6	−9.7	−46.3	47.4	258	
289.3	262.5	264.8	0.0	0.125	1.0	28.1	16.7	−47.6	50.4	289.3	0.0	0.133	1.0	28.4	16.2	−47.5	50.3	288	0.0	0.481	1.0	41.6	−6.4	−46.3	46.9	262	0.0	0.45	1.0	40.3	−4.4	−46.5	46.8	264	
295.6	270.0	271.7	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6	0.0	0.0	1.0	25.0	23.0	−47.7	53.1	295	0.0	0.38	1.0	37.5	0.0	−46.4	46.5	270	0.0	0.358	1.0	36.7	1.4	−46.5	46.7	271	
305.9	277.5	278.8	0.125	0.0	1.0	27.8	31.4	−43.4	53.6	305.9	0.117	0.0	1.0	27.7	30.9	−43.7	53.6	305	0.0	0.291	1.0	34.3	5.8	−46.9	47.4	277	0.0	0.274	1.0	33.7	6.9	−47.0	47.6	278	
311.7	285.0	285.9	0.25	0.0	1.0	29.9	36.0	−40.4	54.1	311.7	0.25	0.0	1.0	30.0	36.1	−40.3	54.2	311	0.0	0.185	1.0	30.4	12.7	−47.4	49.2	285	0.0	0.172	1.0	29.9	13.6	−47.5	49.5	285	
325.9	292.5	293.0	0.375	0.0	1.0	33.7	47.7	−32.2	57.5	325.9	0.367	0.0	1.0	33.5	47.0	−32.8	57.4	325	0.0	0.073	1.0	26.8	19.3	−47.7	51.6	292	0.0	0.061	1.0	26.5	19.9	−47.7	51.8	292	
333.2	300.0	300.1	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2	0.5	0.0	1.0	37.1	54.0	−27.1	60.4	333	0.053	0.0	1.0	26.2	26.7	−46.1	53.3	300	0.055	0.0	1.0	26.3	26.8	−46.0	53.3	300	
339.6	307.5	307.2	0.625	0.0	1.0	40.2	59.7	−22.1	63.7	339.6	0.617	0.0	1.0	40.0	59.4	−22.4	63.5	339	0.148	0.0	1.0	28.3	32.4	−42.8	53.8	307	0.144	0.0	1.0	28.2	32.2	−42.9	53.7	306	
346.7	315.0	314.3	0.75	0.0	1.0	43.3	66.7	−15.7	68.5	346.7	0.75	0.0	1.0	43.3	66.8	−15.6	68.6	346	0.279	0.0	1.0	30.8	38.9	−38.8	55.0	315	0.273	0.0	1.0	30.7	38.3	−39.1	54.8	314	
350.3	322.5	321.4	0.875	0.0	1.0	45.9	70.7	−12.0	71.7	350.3	0.867	0.0	1.0	45.8	70.5	−12.2	71.5	350	0.34	0.0	1.0	32.7	44.6	−34.8	56.6	322	0.332	0.0	1.0	32.5	43.9	−35.4	56.4	321	
353.2	330.0	328.6	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353	0.444	0.0	1.0	35.6	51.2	−29.5	59.1	330	0.42	0.0	1.0	35.0	50.0	−30.4	58.6	328	
356.1	337.5	335.7	1.0	0.0	0.875	48.2	73.1	−4.9	73.3	356.1	1.0	0.0	0.883	48.2	73.2	−5.1	73.4	355	0.573	0.0	1.0	38.9	57.4	−24.3	62.4	337	0.538	0.0	1.0	38.1	55.8	−25.6	61.4	335	
359.3	345.0	342.8	1.0	0.0	0.75	48.1	72.1	−0.7	72.1	359.3	1.0	0.0	0.75	48.1	72.1	−0.7	72.1	359	0.719	0.0	1.0	42.6	65.1	−17.3	67.4	345	0.681	0.0	1.0	41.6	63.0	−19.4	65.9	342	
364.0	352.5	349.9	1.0	0.0	0.625	48.0	70.7	4.9	70.9	364.0	1.0	0.0	0.633	48.1	70.9	4.6	71.0	363	0.946	0.0	1.0	47.3	72.7	−10.1	73.4	352	0.844	0.0	1.0	45.3	69.7	−12.9	70.9	349	
369.2	360.0	357.0	1.0	0.0	0.5	47.8	69.7	11.3	70.6	369.2	1.0	0.0	0.5	47.8	69.7	11.4	70.6	369	1.0	0.0	0.733	48.1	71.9	0.0	71.9	360	0.949	0.0	1.0	47.3	72.8	−10.1	73.5	352	
375.0	367.5	364.1	1.0	0.0	0.375	47.8	68.2	18.3	70.6	375.0	1.0	0.0	0.383	47.9	68.4	17.9	70.6	374	1.0	0.0	0.554	47.9	70.2	8.6	70.8	367	1.0	0.0	0.737	48.1	72.0	−0.1	72.0	359	
380.8	375.0	371.2	1.0	0.0	0.25	47.8	67.0	25.4	71.7	380.8	1.0	0.0	0.25	47.8	67.0	25.5	71.7	380	1.0	0.0	0.376	47.9	68.2	18.3	70.6	375	1.0	0.0	0.512	47.9	69.8	10.8	70.7	368	
385.7	382.5	378.3	1.0	0.0	0.125	47.6	66.2	31.9	73.5	385.7	1.0	0.0	0.133	47.7	66.4	31.5	73.5	385	1.0	0.0	0.22	47.8	66.9	27.0	72.2	382	1.0	0.0	0.342	47.9	68.0	20.2	70.9	376	
390.4	390.0	385.4	1.0	0.0	0.0	47.5	65.5	38.4	76.0	390.4	1.0	0.0	0.0	47.5	65.6	38.5	76.1	390	1.0	0.0	0.011	47.5	65.7	37.9	75.8	390	1.0	0.0	0.131	47.7	66.3	31.6	73.5	385	

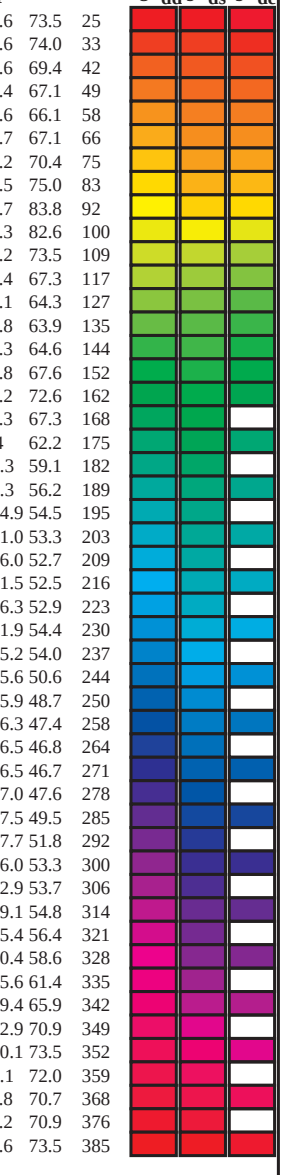


1−103730−L0 SE040−72 LAB*la0, YN=0%, XYZnw=2.5, 2.6, 2.7, 86.0, 90.9, 95.9, LAB*nw=18.5, 0.0, 0.0, 96.4, 0.0, 0.0 Output: Offset standard print; separation cmyn6*, D65, page 8/33

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*$_d$: $h_{ab,d}$ = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd64M			*LAB** ddx64M (x=LabCh)				
30.4	30.0	25.4	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
37.2	37.5	33.8	1.0	0.125	0.0	51.5	56.6	43.1	71.2	37.2
47.2	45.0	42.1	1.0	0.25	0.0	56.6	45.8	49.4	67.4	47.2
58.6	52.5	50.5	1.0	0.375	0.0	62.3	34.4	56.4	66.1	58.6
69.1	60.0	58.8	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
80.3	67.5	67.2	1.0	0.625	0.0	74.9	12.1	71.5	72.5	80.3
87.4	75.0	75.6	1.0	0.75	0.0	80.5	3.4	78.0	78.1	87.4
92.5	82.5	83.9	1.0	0.875	0.0	85.4	−3.7	84.0	84.0	92.5
96.0	90.0	92.3	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
99.5	97.5	101.0	0.875	1.0	0.0	86.7	−13.9	82.7	83.8	99.5
102.9	105.0	109.7	0.75	1.0	0.0	83.7	−17.7	77.1	79.2	102.9
107.9	112.5	118.5	0.625	1.0	0.0	77.9	−23.1	71.3	75.0	107.9
116.4	120.0	127.2	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
124.5	127.5	136.0	0.375	1.0	0.0	68.8	−36.5	53.0	64.4	124.5
138.2	135.0	144.7	0.25	1.0	0.0	60.8	−47.5	42.4	63.7	138.2
149.2	142.5	153.4	0.125	1.0	0.0	56.7	−56.1	33.3	65.2	149.2
161.6	150.0	162.2	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
168.3	157.5	169.0	0.0	1.0	0.125	52.3	−66.1	13.6	67.5	168.3
176.2	165.0	175.9	0.0	1.0	0.25	53.0	−61.8	4.0	61.9	176.2
186.9	172.5	182.7	0.0	1.0	0.375	53.8	−56.5	−6.8	56.9	186.9
198.8	180.0	189.6	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8
209.5	187.5	196.4	0.0	1.0	0.625	55.4	−45.8	−25.9	52.6	209.5
220.1	195.0	203.2	0.0	1.0	0.75	56.6	−40.0	−33.7	52.4	220.1
227.6	202.5	210.1	0.0	1.0	0.875	57.2	−36.1	−39.6	53.6	227.6
234.6	210.0	216.9	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
238.7	217.5	223.8	0.0	0.875	1.0	54.9	−27.5	−45.3	53.0	238.7
244.0	225.0	230.6	0.0	0.75	1.0	51.3	−22.1	−45.6	50.7	244.0
250.7	232.5	237.5	0.0	0.625	1.0	47.2	−16.0	−45.9	48.7	250.7
260.4	240.0	244.3	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4
270.4	247.5	251.2	0.0	0.375	1.0	37.3	0.3	−46.4	46.4	270.4
280.2	255.0	258.0	0.0	0.25	1.0	32.7	8.5	−47.0	47.8	280.2
289.3	262.5	264.8	0.0	0.125	1.0	28.1	16.7	−47.6	50.4	289.3
295.6	270.0	271.7	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
305.9	277.5	278.8	0.125	0.0	1.0	27.8	31.4	−43.4	53.6	305.9
311.7	285.0	285.9	0.25	0.0	1.0	29.9	36.0	−40.4	54.1	311.7
325.9	292.5	293.0	0.375	0.0	1.0	33.7	47.7	−32.2	57.5	325.9
333.2	300.0	300.1	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
339.6	307.5	307.2	0.625	0.0	1.0	40.2	59.7	−22.1	63.7	339.6
346.7	315.0	314.3	0.75	0.0	1.0	43.3	66.7	−15.7	68.5	346.7
350.3	322.5	321.4	0.875	0.0	1.0	45.9	70.7	−12.0	71.7	350.3
353.2	330.0	328.6	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
356.1	337.5	335.7	1.0	0.0	0.875	48.2	73.1	−4.9	73.3	356.1
359.3	345.0	342.8	1.0	0.0	0.75	48.1	72.1	−0.7	72.1	359.3
364.0	352.5	349.9	1.0	0.0	0.625	48.0	70.7	4.9	70.9	364.0
369.2	360.0	357.0	1.0	0.0	0.5	47.8	69.7	11.3	70.6	369.2
375.0	367.5	364.1	1.0	0.0	0.375	47.8	68.2	18.3	70.6	375.0
380.8	375.0	371.2	1.0	0.0	0.25	47.8	67.0	25.4	71.7	380.8
385.7	382.5	378.3	1.0	0.0	0.125	47.6	66.2	31.9	73.5	385.7
390.4	390.0	385.4	1.0	0.0	0.0	47.5	65.5	38.4	76.0	390.4

*rgb** dex361M			*LAB** dex361M				
1.0	0.0	0.131	47.7	66.3	31.6	73.5	25
1.0	0.052	0.0	49.2	61.9	40.6	74.0	33
1.0	0.187	0.0	54.1	51.4	46.6	69.4	42
1.0	0.28	0.0	58.0	43.2	51.4	67.1	49
1.0	0.378	0.0	62.5	34.2	56.6	66.1	58
1.0	0.471	0.0	66.8	26.6	61.7	67.1	66
1.0	0.572	0.0	72.1	17.5	68.2	70.4	75
1.0	0.679	0.0	77.4	8.6	74.5	75.0	83
1.0	0.868	0.0	85.2	−3.3	83.7	83.8	92
0.842	1.0	0.0	85.9	−14.9	81.3	82.6	100
0.598	1.0	0.0	77.0	−24.8	69.2	73.5	109
0.477	1.0	0.0	72.4	−31.4	59.4	67.3	117
0.35	1.0	0.0	67.3	−38.8	51.1	64.3	127
0.276	1.0	0.0	62.5	−45.4	44.8	63.9	135
0.176	1.0	0.0	58.4	−52.7	37.3	64.6	144
0.088	1.0	0.0	55.2	−60.1	30.8	67.6	152
0.0	1.0	0.011	51.7	−69.0	22.2	72.6	162
0.0	1.0	0.129	52.4	−65.9	13.3	67.3	168
0.0	1.0	0.244	53.0	−62.0	4.4	62.2	175
0.0	1.0	0.321	53.5	−59.0	−2.3	59.1	182
0.0	1.0	0.403	54.0	−55.4	−9.3	56.2	189
0.0	1.0	0.47	54.5	−52.3	−14.9	54.5	195
0.0	1.0	0.552	55.0	−48.9	−21.0	53.3	203
0.0	1.0	0.627	55.5	−45.7	−26.0	52.7	209
0.0	1.0	0.713	56.3	−41.8	−31.5	52.5	216
0.0	1.0	0.804	56.9	−38.4	−36.3	52.9	223
0.0	1.0	0.929	57.5	−34.4	−41.9	54.4	230
0.0	0.927	1.0	56.1	−29.3	−45.2	54.0	237
0.0	0.745	1.0	51.2	−21.8	−45.6	50.6	244
0.0	0.625	1.0	47.3	−16.0	−45.9	48.7	250
0.0	0.531	1.0	43.6	−9.7	−46.3	47.4	258
0.0	0.45	1.0	40.3	−4.4	−46.5	46.8	264
0.0	0.358	1.0	36.7	1.4	−46.5	46.7	271
0.0	0.274	1.0	33.7	6.9	−47.0	47.6	278
0.0	0.172	1.0	29.9	13.6	−47.5	49.5	285
0.0	0.061	1.0	26.5	19.9	−47.7	51.8	292
0.055	0.0	1.0	26.3	26.8	−46.0	53.3	300
0.144	0.0	1.0	28.2	32.2	−42.9	53.7	306
0.273	0.0	1.0	30.7	38.3	−39.1	54.8	314
0.332	0.0	1.0	32.5	43.9	−35.4	56.4	321
0.42	0.0	1.0	35.0	50.0	−30.4	58.6	328
0.538	0.0	1.0	38.1	55.8	−25.6	61.4	335
0.681	0.0	1.0	41.6	63.0	−19.4	65.9	342
0.844	0.0	1.0	45.3	69.7	−12.9	70.9	349
0.949	0.0	1.0	47.3	72.8	−10.1	73.5	352
1.0	0.0	0.737	48.1	72.0	−0.1	72.0	359
1.0	0.0	0.512	47.9	69.8	10.8	70.7	368
1.0	0.0	0.342	47.9	68.0	20.2	70.9	376
1.0	0.0	0.131	47.7	66.3	31.6	73.5	385



Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb*dd361M*			*LAB*ddx361Mi (x=LabCh)*					R_d	*rgb*ds361Mi*			*LAB*dsx361Mi (x=LabCh)*					R_s	*rgb*dd361Mi*			*rgb*de361Mi*			*LAB*dex361Mi (x=LabCh)*					R_e	*rgb*dd361Mi*		
30	30	25	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30		1.0	0.0	0.011	47.5	65.7	37.9	75.8	30		1.0	0.0	0.0	1.0	0.0	0.131	47.7	66.3	31.6	73.5	25		1.0	0.0	0.0
31	31	26	1.0	0.016	0.0	48.0	64.4	39.2	75.4	31		1.0	0.011	0.0	47.9	64.8	39.0	75.6	31		1.0	0.017	0.0	1.0	0.0	0.102	47.6	66.2	33.1	74.0	26		1.0	0.017	0.0
32	32	27	1.0	0.033	0.0	48.5	63.2	39.8	74.7	32		1.0	0.029	0.0	48.5	63.6	39.7	74.9	32		1.0	0.033	0.0	1.0	0.0	0.072	47.6	66.1	34.7	74.6	27		1.0	0.033	0.0
33	33	28	1.0	0.05	0.0	49.1	62.0	40.5	74.1	33		1.0	0.047	0.0	49.0	62.3	40.4	74.2	33		1.0	0.05	0.0	1.0	0.0	0.043	47.6	65.9	36.3	75.2	28		1.0	0.05	0.0
34	34	29	1.0	0.066	0.0	49.6	60.8	41.1	73.4	34		1.0	0.065	0.0	49.6	61.0	41.1	73.5	34		1.0	0.067	0.0	1.0	0.0	0.013	47.5	65.7	37.8	75.8	29		1.0	0.067	0.0
34	35	31	1.0	0.083	0.0	50.2	59.6	41.7	72.8	34		1.0	0.084	0.0	50.2	59.7	41.8	72.8	35		1.0	0.083	0.0	1.0	0.012	0.0	47.9	64.8	39.0	75.6	31		1.0	0.083	0.0
35	36	32	1.0	0.1	0.0	50.7	58.4	42.3	72.1	35		1.0	0.102	0.0	50.8	58.3	42.4	72.1	36		1.0	0.1	0.0	1.0	0.032	0.0	48.6	63.3	39.8	74.8	32		1.0	0.1	0.0
36	37	33	1.0	0.116	0.0	51.2	57.2	42.8	71.5	36		1.0	0.12	0.0	51.4	57.0	43.0	71.4	37		1.0	0.117	0.0	1.0	0.052	0.0	49.2	61.9	40.6	74.0	33		1.0	0.117	0.0
37	38	34	1.0	0.133	0.0	51.8	55.9	43.6	70.9	37		1.0	0.134	0.0	51.9	55.9	43.7	71.0	38		1.0	0.133	0.0	1.0	0.073	0.0	49.9	60.5	41.4	73.3	34		1.0	0.133	0.0
39	39	35	1.0	0.15	0.0	52.5	54.5	44.5	70.4	39		1.0	0.147	0.0	52.4	54.8	44.4	70.6	39		1.0	0.15	0.0	1.0	0.093	0.0	50.5	59.0	42.1	72.5	35		1.0	0.15	0.0
40	40	36	1.0	0.166	0.0	53.2	53.1	45.5	69.9	40		1.0	0.159	0.0	52.9	53.8	45.1	70.2	40		1.0	0.167	0.0	1.0	0.113	0.0	51.2	57.5	42.8	71.7	36		1.0	0.167	0.0
41	41	37	1.0	0.183	0.0	53.9	51.7	46.3	69.4	41		1.0	0.172	0.0	53.5	52.7	45.8	69.8	41		1.0	0.183	0.0	1.0	0.131	0.0	51.8	56.2	43.5	71.1	37		1.0	0.183	0.0
43	42	38	1.0	0.2	0.0	54.5	50.2	47.2	68.9	43		1.0	0.185	0.0	54.0	51.6	46.5	69.4	42		1.0	0.2	0.0	1.0	0.145	0.0	52.4	55.0	44.3	70.6	38		1.0	0.2	0.0
44	43	39	1.0	0.216	0.0	55.2	48.7	48.0	68.4	44		1.0	0.197	0.0	54.5	50.5	47.1	69.0	43		1.0	0.217	0.0	1.0	0.159	0.0	52.9	53.8	45.1	70.2	39		1.0	0.217	0.0
45	44	41	1.0	0.233	0.0	55.9	47.3	48.7	67.9	45		1.0	0.21	0.0	55.0	49.4	47.7	68.7	44		1.0	0.233	0.0	1.0	0.173	0.0	53.5	52.6	45.8	69.8	41		1.0	0.233	0.0
47	45	42	1.0	0.25	0.0	56.6	45.8	49.4	67.4	47		1.0	0.222	0.0	55.5	48.3	48.3	68.3	45		1.0	0.25	0.0	1.0	0.187	0.0	54.1	51.4	46.6	69.4	42		1.0	0.25	0.0
48	46	43	1.0	0.266	0.0	57.3	44.3	50.5	67.2	48		1.0	0.235	0.0	56.0	47.2	48.8	67.9	46		1.0	0.267	0.0	1.0	0.201	0.0	54.6	50.2	47.3	68.9	43		1.0	0.267	0.0
50	47	44	1.0	0.283	0.0	58.1	42.8	51.5	67.0	50		1.0	0.247	0.0	56.5	46.1	49.4	67.5	47		1.0	0.283	0.0	1.0	0.215	0.0	55.2	48.9	47.9	68.5	44		1.0	0.283	0.0
51	48	45	1.0	0.3	0.0	58.9	41.4	52.5	66.9	51		1.0	0.259	0.0	57.0	45.1	50.1	67.4	48		1.0	0.3	0.0	1.0	0.229	0.0	55.8	47.7	48.6	68.1	45		1.0	0.3	0.0
53	49	46	1.0	0.316	0.0	59.6	39.8	53.5	66.7	53		1.0	0.27	0.0	57.5	44.1	50.7	67.2	49		1.0	0.317	0.0	1.0	0.243	0.0	56.3	46.5	49.2	67.7	46		1.0	0.317	0.0
54	50	47	1.0	0.333	0.0	60.4	38.3	54.3	66.5	54		1.0	0.281	0.0	58.0	43.1	51.4	67.1	50		1.0	0.333	0.0	1.0	0.256	0.0	56.9	45.3	49.9	67.4	47		1.0	0.333	0.0
56	51	48	1.0	0.35	0.0	61.2	36.7	55.2	66.3	56		1.0	0.292	0.0	58.5	42.2	52.1	67.0	51		1.0	0.35	0.0	1.0	0.268	0.0	57.5	44.2	50.7	67.2	48		1.0	0.35	0.0
57	52	49	1.0	0.366	0.0	62.0	35.2	56.0	66.2	57		1.0	0.302	0.0	59.0	41.2	52.7	66.9	52		1.0	0.367	0.0	1.0	0.28	0.0	58.0	43.2	51.4	67.1	49		1.0	0.367	0.0
59	53	51	1.0	0.383	0.0	62.7	33.7	56.9	66.2	59		1.0	0.313	0.0	59.6	40.2	53.3	66.8	53		1.0	0.383	0.0	1.0	0.293	0.0	58.6	42.1	52.1	67.0	51		1.0	0.383	0.0
60	54	52	1.0	0.4	0.0	63.5	32.4	57.9	66.3	60		1.0	0.324	0.0	60.1	39.2	53.9	66.7	54		1.0	0.4	0.0	1.0	0.305	0.0	59.2	41.0	52.8	66.9	52		1.0	0.4	0.0
62	55	53	1.0	0.416	0.0	64.2	31.1	58.8	66.5	62		1.0	0.335	0.0	60.6	38.2	54.5	66.5	55		1.0	0.417	0.0	1.0	0.317	0.0	59.7	39.9	53.5	66.7	53		1.0	0.417	0.0
63	56	54	1.0	0.433	0.0	65.0	29.7	59.7	66.7	63		1.0	0.346	0.0	61.1	37.1	55.1	66.4	56		1.0	0.433	0.0	1.0	0.329	0.0	60.3	38.7	54.2	66.6	54		1.0	0.433	0.0
64	57	55	1.0	0.45	0.0	65.8	28.3	60.6	66.9	64		1.0	0.357	0.0	61.6	36.1	55.6	66.3	57		1.0	0.45	0.0	1.0	0.341	0.0	60.8	37.6	54.8	66.5	55		1.0	0.45	0.0
66	58	56	1.0	0.466	0.0	66.5	26.9	61.4	67.0	66		1.0	0.368	0.0	62.1	35.1	56.1	66.2	58		1.0	0.467	0.0	1.0	0.354	0.0	61.4	36.5	55.4	66.3	56		1.0	0.467	0.0
67	59	57	1.0	0.483	0.0	67.3	25.4	62.2	67.2	67		1.0	0.379	0.0	62.6	34.1	56.7	66.2	59		1.0	0.483	0.0	1.0	0.366	0.0	62.0	35.3	56.0	66.2	57		1.0	0.483	0.0
69	60	58	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69		1.0	0.391	0.0	63.1	33.1	57.4	66.3	60		1.0	0.5	0.0	1.0	0.378	0.0	62.5	34.2	56.6	66.1	58		1.0	0.5	0.0
70	61	60	1.0	0.516	0.0	69.0	22.5	64.2	68.1	70		1.0	0.403	0.0	63.7	32.2	58.1	66.4	61		1.0	0.517	0.0	1.0	0.391	0.0	63.1	33.1	57.4	66.3	60		1.0	0.517	0.0
72	62	61	1.0	0.533	0.0	69.9	21.1	65.5	68.8	72		1.0	0.415	0.0	64.2	31.2	58.8	66.5	62		1.0	0.533	0.0	1.0	0.405	0.0	63.8	32.1	58.2	66.4	61		1.0	0.533	0.0
73	63	62	1.0	0.55	0.0	70.8	19.6	66.6	69.5	73		1.0	0.427	0.0	64.8	30.3	59.4	66.7	63		1.0	0.55	0.0	1.0	0.418	0.0	64.4	31.0	58.9	66.6	62		1.0	0.55	0.0
75	64	63	1.0	0.566	0.0	71.7	18.0	67.8	70.1	75		1.0	0.439	0.0	65.3	29.3	60.0	66.8	64		1.0	0.567	0.0	1.0	0.431	0.0	65.0	29.9	59.6	66.7	63		1.0	0.567	0.0
76	65	64	1.0	0.583	0.0	72.6	16.4	68.9	70.8	76		1.0	0.451	0.0	65.9	28.3	60.7	66.9	65		1.0	0.583	0.0	1.0	0.444	0.0	65.6	28.8	60.3	66.9	64		1.0	0.583	0.0
78	66	65	1.0	0.6	0.0	73.6	14.7	70.0	71.5	78		1.0	0.463	0.0	66.4	27.3	61.3	67.1	66		1.0	0.6	0.0	1.0	0.458	0.0	66.2	27.7	61.0	67.0	65		1.0	0.6	0.0
79	67	66	1.0	0.616	0.0	74.5	13.0	71.0	72.2	79		1.0	0.475	0.0	66.9	26.3	61.8	67.2	67		1.0	0.617	0.0	1.0	0.471	0.0	66.8	26.6	61.7	67.1	66		1.0	0.617	0.0
80	68	67	1.0	0.633	0.0	75.3	11.6	72.0	72.9	80		1.0	0.486	0.0	67.5	25.2	62.4	67.3	68		1.0	0.633	0.0	1.0	0.484	0.0	67.4	25.4	62.3	67.3	67		1.0	0.633	0.0
81	69	68	1.0	0.65	0.0	76.0	10.5	72.9	73.6	81		1.0	0.498	0.0	68.0	24.2	63.0	67.4	69		1.0	0.65	0.0	1.0	0.497	0.0	68.0	24.3	62.9	67.4	68		1.0	0.65	0.0
82	70	70	1.0	0.666	0.0	76.8	9.4	73.8	74.4	82		1.0	0.51	0.0	68.6	23.2	63.8	67.8	70		1.0	0.667	0.0	1.0	0.51	0.0	68.6	23.2	63.8	67.9	70		1.0	0.667	0.0
83	71	71	1.0	0.683	0.0	77.5	8.3	74.7	75.1	83		1.0	0.521	0.0	69.2	22.2	64.6	68.3	71		1.0	0.683	0.0	1.0	0.522	0.0	69.3	22.1	64.7	68.4	71		1.0	0.683	0.0
84	72	72	1.0	0.7	0.0	78.3	7.1	75.5	75.9	84		1.0	0.532	0.0	69.9	21.3	65.4	68.8	72		1.0	0.7	0.0	1.0	0.535	0.0	70.0	21.0	65.6	68.9	72		1.0	0.7	0.0
85	73	73	1.0	0.716	0.0	79.0	5.9	76.4	76.6	85		1.0	0.543	0.0	70.5	20.2	66.2	69.2	73		1.0	0.717	0.0	1.0	0.547	0.0	70.7	19.9	66.5	69.4	73		1.0	0.717	0.0
86	74	74	1.0	0.733	0.0	79.8	4.7	77.2	77.3	86		1.0	0.554	0.0	71.1	19.2	67.0	69.7	74		1.0	0.733	0.0	1.0	0.56	0.0	71.4	18.7	67.4	69.9	74		1.0	0.733	0.0
87	75	75	1.0	0.75	0.0	80.5	3.4	78.0	78.1	87		1.0	0.565	0.0	71.7	18.2	67.8	70.1	75		1.0	0.75	0.0	1.0	0.572	0.0	72.1	17.5	68.2	70.4	75		1.0	0.75	0.0

*rgb*dd* *rgb*ds* *rgb*de*

SE0410A

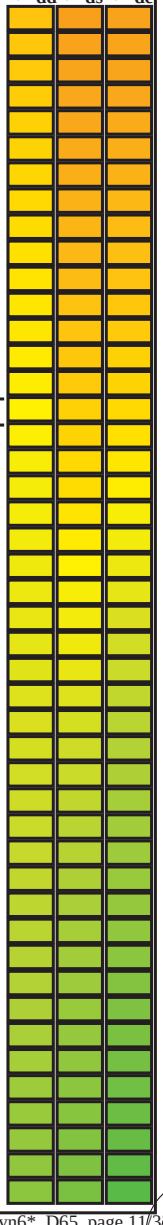
see similar files: http://130.149.60.45/~farbmetrik/SE04/SE04.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-SE04/SE04L0FA.TXT /.PS
application for measurement of offset print output, separationcmyn6* (CMYK)

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
87	75	75	1.0	0.75	0.0	80.5	3.4	78.0	78.1	87	1.0	0.565	0.0	71.7	18.2	67.8	70.1	75	1.0	0.75	0.0	1.0	0.572	0.0	72.1	17.5	68.2	70.4	75	1.0	0.75	0.0			
88	76	76	1.0	0.766	0.0	81.2	2.5	78.8	78.9	88	1.0	0.577	0.0	72.3	17.1	68.5	70.6	76	1.0	0.767	0.0	1.0	0.585	0.0	72.8	16.3	69.0	70.9	76	1.0	0.767	0.0			
88	77	77	1.0	0.783	0.0	81.8	1.6	79.7	79.7	88	1.0	0.588	0.0	72.9	16.0	69.2	71.1	77	1.0	0.783	0.0	1.0	0.597	0.0	73.5	15.1	69.8	71.4	77	1.0	0.783	0.0			
89	78	78	1.0	0.8	0.0	82.4	0.6	80.5	80.5	89	1.0	0.599	0.0	73.6	14.9	70.0	71.5	78	1.0	0.8	0.0	1.0	0.61	0.0	74.1	13.8	70.6	72.0	78	1.0	0.8	0.0			
90	79	80	1.0	0.816	0.0	83.1	−0.2	81.3	81.3	90	1.0	0.61	0.0	74.2	13.7	70.7	72.0	79	1.0	0.817	0.0	1.0	0.622	0.0	74.8	12.5	71.4	72.5	80	1.0	0.817	0.0			
90	80	81	1.0	0.833	0.0	83.7	−1.2	82.0	82.1	90	1.0	0.621	0.0	74.8	12.6	71.3	72.4	80	1.0	0.833	0.0	1.0	0.64	0.0	75.6	11.2	72.4	73.2	81	1.0	0.833	0.0			
91	81	82	1.0	0.85	0.0	84.4	−2.2	82.8	82.8	91	1.0	0.637	0.0	75.5	11.4	72.2	73.1	81	1.0	0.85	0.0	1.0	0.659	0.0	76.5	9.9	73.4	74.1	82	1.0	0.85	0.0			
92	82	83	1.0	0.866	0.0	85.0	−3.2	83.6	83.6	92	1.0	0.654	0.0	76.3	10.3	73.2	73.9	82	1.0	0.867	0.0	1.0	0.679	0.0	77.4	8.6	74.5	75.0	83	1.0	0.867	0.0			
92	83	84	1.0	0.883	0.0	85.6	−4.1	84.3	84.4	92	1.0	0.672	0.0	77.1	9.1	74.1	74.7	83	1.0	0.883	0.0	1.0	0.698	0.0	78.3	7.2	75.5	75.8	84	1.0	0.883	0.0			
93	84	85	1.0	0.9	0.0	86.2	−4.8	85.0	85.1	93	1.0	0.689	0.0	77.9	7.9	75.0	75.4	84	1.0	0.9	0.0	1.0	0.718	0.0	79.1	5.8	76.5	76.7	85	1.0	0.9	0.0			
93	85	86	1.0	0.916	0.0	86.7	−5.6	85.7	85.9	93	1.0	0.707	0.0	78.6	6.6	75.9	76.2	85	1.0	0.917	0.0	1.0	0.738	0.0	80.0	4.4	77.5	77.6	86	1.0	0.917	0.0			
94	86	87	1.0	0.933	0.0	87.2	−6.3	86.4	86.6	94	1.0	0.725	0.0	79.4	5.4	76.8	77.0	86	1.0	0.933	0.0	1.0	0.76	0.0	80.9	2.9	78.5	78.6	87	1.0	0.933	0.0			
94	87	88	1.0	0.95	0.0	87.8	−7.1	87.1	87.3	94	1.0	0.742	0.0	80.2	4.1	77.7	77.8	87	1.0	0.95	0.0	1.0	0.787	0.0	82.0	1.4	79.9	79.9	88	1.0	0.95	0.0			
95	88	90	1.0	0.966	0.0	88.3	−7.9	87.7	88.1	95	1.0	0.763	0.0	81.1	2.7	78.7	78.8	88	1.0	0.967	0.0	1.0	0.814	0.0	83.0	0.0	81.2	81.2	90	1.0	0.967	0.0			
95	89	91	1.0	0.983	0.0	88.8	−8.7	88.4	88.8	95	1.0	0.788	0.0	82.0	1.4	79.9	79.9	89	1.0	0.983	0.0	1.0	0.841	0.0	84.1	−1.6	82.5	82.5	91	1.0	0.983	0.0			
96	90	92	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96	Y_d	1.0	0.812	0.0	83.0	0.0	81.1	81.1	90	Y_s	1.0	1.0	0.0	1.0	0.868	0.0	85.2	−3.3	83.7	83.8	92	Y_e	1.0	1.0	0.0			
96	91	93	0.983	1.0	0.0	89.0	−10.1	88.2	88.8	96		1.0	0.836	0.0	83.9	−1.3	82.2	82.2	91		0.983	1.0	0.0	1.0	0.907	0.0	86.4	−5.1	85.3	85.5	93		0.983	1.0	0.0			
97	92	94	0.966	1.0	0.0	88.6	−10.7	87.4	88.0	97		1.0	0.861	0.0	84.9	−2.8	83.4	83.4	92		0.967	1.0	0.0	1.0	0.948	0.0	87.8	−7.0	87.0	87.3	94		0.967	1.0	0.0			
97	93	95	0.95	1.0	0.0	88.3	−11.3	86.5	87.3	97		1.0	0.89	0.0	85.9	−4.3	84.6	84.7	93		0.95	1.0	0.0	1.0	0.99	0.0	89.1	−8.9	88.7	89.2	95		0.95	1.0	0.0			
97	94	96	0.933	1.0	0.0	87.9	−11.9	85.7	86.5	97		1.0	0.925	0.0	87.0	−5.9	86.1	86.3	94		0.933	1.0	0.0	0.968	1.0	0.0	88.7	−10.6	87.5	88.1	96		0.933	1.0	0.0			
98	95	98	0.916	1.0	0.0	87.6	−12.5	84.8	85.7	98		1.0	0.961	0.0	88.2	−7.6	87.6	87.9	95		0.917	1.0	0.0	0.926	1.0	0.0	87.8	−12.1	85.3	86.2	98		0.917	1.0	0.0			
98	96	99	0.9	1.0	0.0	87.2	−13.0	84.0	85.0	98		1.0	0.997	0.0	89.3	−9.3	89.0	89.5	96		0.9	1.0	0.0	0.884	1.0	0.0	86.9	−13.5	83.2	84.3	99		0.9	1.0	0.0			
99	97	100	0.883	1.0	0.0	86.9	−13.6	83.1	84.2	99		0.967	1.0	0.0	88.7	−10.6	87.4	88.1	97		0.883	1.0	0.0	0.842	1.0	0.0	85.9	−14.9	81.3	82.6	100		0.883	1.0	0.0			
99	98	101	0.866	1.0	0.0	86.5	−14.2	82.3	83.5	99		0.931	1.0	0.0	87.9	−11.9	85.6	86.4	98		0.867	1.0	0.0	0.799	1.0	0.0	84.9	−16.2	79.4	81.0	101		0.867	1.0	0.0			
100	99	102	0.85	1.0	0.0	86.1	−14.7	81.6	82.9	100		0.895	1.0	0.0	87.2	−13.2	83.7	84.8	99		0.85	1.0	0.0	0.757	1.0	0.0	83.9	−17.5	77.5	79.5	102		0.85	1.0	0.0			
100	100	103	0.833	1.0	0.0	85.7	−15.2	80.8	82.3	100		0.859	1.0	0.0	86.3	−14.4	82.0	83.3	100		0.833	1.0	0.0	0.725	1.0	0.0	82.6	−18.8	76.1	78.4	103		0.833	1.0	0.0			
101	101	105	0.816	1.0	0.0	85.3	−15.8	80.1	81.6	101		0.822	1.0	0.0	85.5	−15.5	80.4	81.9	101		0.817	1.0	0.0	0.696	1.0	0.0	81.3	−20.1	74.7	77.4	105		0.817	1.0	0.0			
101	102	106	0.8	1.0	0.0	84.9	−16.3	79.4	81.0	101		0.786	1.0	0.0	84.6	−16.6	78.8	80.5	102		0.8	1.0	0.0	0.667	1.0	0.0	79.9	−21.3	73.4	76.4	106		0.8	1.0	0.0			
102	103	107	0.783	1.0	0.0	84.5	−16.8	78.6	80.4	102		0.75	1.0	0.0	83.7	−17.7	77.2	79.2	103		0.783	1.0	0.0	0.638	1.0	0.0	78.6	−22.5	72.0	75.5	107		0.783	1.0	0.0			
102	104	108	0.766	1.0	0.0	84.1	−17.3	77.9	79.8	102		0.725	1.0	0.0	82.5	−18.9	76.0	78.4	104		0.767	1.0	0.0	0.616	1.0	0.0	77.6	−23.7	70.6	74.5	108		0.767	1.0	0.0			
102	105	109	0.75	1.0	0.0	83.7	−17.7	77.1	79.2	102		0.7	1.0	0.0	81.4	−20.0	74.9	77.5	105		0.75	1.0	0.0	0.598	1.0	0.0	77.0	−24.8	69.2	73.5	109		0.75	1.0	0.0			
103	106	110	0.733	1.0	0.0	82.9	−18.5	76.4	78.6	103		0.675	1.0	0.0	80.3	−21.0	73.7	76.7	106		0.733	1.0	0.0	0.581	1.0	0.0	76.3	−25.8	67.7	72.5	110		0.733	1.0	0.0			
104	107	112	0.716	1.0	0.0	82.1	−19.3	75.6	78.0	104		0.65	1.0	0.0	79.1	−22.1	72.5	75.9	107		0.717	1.0	0.0	0.564	1.0	0.0	75.6	−26.8	66.3	71.5	112		0.717	1.0	0.0			
104	108	113	0.7	1.0	0.0	81.4	−20.0	74.8	77.5	104		0.625	1.0	0.0	78.0	−23.1	71.3	75.0	108		0.7	1.0	0.0	0.546	1.0	0.0	75.0	−27.8	64.8	70.6	113		0.7	1.0	0.0			
105	109	114	0.683	1.0	0.0	80.6	−20.7	74.1	76.9	105		0.61	1.0	0.0	77.4	−24.0	70.1	74.2	109		0.683	1.0	0.0	0.529	1.0	0.0	74.3	−28.7	63.3	69.6	114		0.683	1.0	0.0			
106	110	115	0.666	1.0	0.0	79.8	−21.4	73.3	76.4	106		0.595	1.0	0.0	76.8	−25.0	68.9	73.3	110		0.667	1.0	0.0	0.512	1.0	0.0	73.6	−29.6	61.8	68.6	115		0.667	1.0	0.0			
106	111	116	0.65	1.0	0.0	79.1	−22.1	72.5	75.8	106		0.58	1.0	0.0	76.3	−25.9	67.7	72.5	111		0.65	1.0	0.0	0.494	1.0	0.0	73.0	−30.4	60.5	67.8	116		0.65	1.0	0.0			
107	112	117	0.633	1.0	0.0	78.3	−22.8	71.7	75.2	107		0.566	1.0	0.0	75.7	−26.7	66.4	71.6	112		0.633	1.0	0.0	0.477	1.0	0.0	72.4	−31.4	59.4	67.3	117		0.633	1.0	0.0			
108	113	119	0.616	1.0	0.0	77.6	−23.7	70.6	74.5	108		0.551	1.0	0.0	75.1	−27.6	65.2	70.8	113		0.617	1.0	0.0	0.459	1.0	0.0	71.8	−32.4	58.3	66.8	119		0.617	1.0	0.0			
109	114	120	0.6	1.0	0.0	77.0	−24.7	69.2	73.5	109		0.536	1.0	0.0	74.6	−28.4	63.9	70.0	114		0.6	1.0	0.0	0.441	1.0	0.0	71.1	−33.3	57.2	66.3	120		0.6	1.0	0.0			
110	115	121	0.583	1.0	0.0	76.3	−25.8	67.9	72.6	110		0.521	1.0	0.0	74.0	−29.1	62.6	69.1	115		0.583	1.0	0.0	0.423	1.0	0.0	70.5	−34.2	56.1	65.8	121		0.583	1.0	0.0			
111	116	122	0.566	1.0	0.0	75.7	−26.7	66.5	71.7	111		0.506	1.0	0.0	73.4	−29.8	61.4	68.3	116		0.567	1.0	0.0	0.405	1.0	0.0	69.9	−35.1	55.0	65.3	122		0.567	1.0	0.0			
113	117	123	0.55	1.0	0.0	75.1	−27.6	65.1	70.7	113		0.491	1.0	0.0	72.9	−30.6	60.3	67.7	117		0.55	1.0	0.0	0.387	1.0	0.0	69.3	−35.9	53.8	64.8	123		0.55	1.0	0.0			
114	118	124	0.533	1.0	0.0	74.4	−28.5	63.6	69.8	114		0.476	1.0	0.0	72.3	−31.5	59.4	67.2	118		0.533	1.0	0.0	0.372	1.0	0.0	68.6	−36.8	52.8	64.4	124		0.533	1.0	0.0			
115	119	126	0.516	1.0	0.0	73.8	−29.4	62.2	68.8	115		0.46	1.0	0.0	71.8	−32.3	58.4	66.8	119		0.517	1.0	0.0	0.361	1.0	0.0	68.0	−37.8	52.0	64.3	126		0.517	1.0	0.0			
116	120	127	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116		0.445	1.0	0.0	71.3	−33.1	57.5	66.4	120		0.5	1.0	0.0	0.35	1.0	0.0	67.3	−38.8	51.1	64.3	127		0.5	1.0	0.0			



SE0410A

see similar files: http://130.149.60.45/~farbmetrik/SE04/SE04.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-SE04/SE04L0FA.TXT /.PS
application for measurement of offset print output, separationcmyn6* (CMYK)

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb*dd361M*	*LAB*ddx361Mi (x=LabCh)*	*rgb*ds361Mi*	*LAB*dsx361Mi (x=LabCh)*	*rgb*dd361Mi*	*rgb*de361Mi*	*LAB*dex361Mi (x=LabCh)*	*rgb*dd361Mi*
116	120	127	0.5 1.0 0.0	73.1 −30.2 60.8 67.9 116	0.445 1.0 0.0	71.3 −33.1 57.5 66.4 120	0.5 1.0 0.0	0.35 1.0 0.0	67.3 −38.8 51.1 64.3 127	0.5 1.0 0.0
117	121	128	0.483 1.0 0.0	72.6 −31.1 59.8 67.4 117	0.43 1.0 0.0	70.8 −33.9 56.5 65.9 121	0.483 1.0 0.0	0.34 1.0 0.0	66.6 −39.8 50.3 64.2 128	0.483 1.0 0.0
118	122	129	0.466 1.0 0.0	72.0 −32.0 58.8 66.9 118	0.415 1.0 0.0	70.2 −34.6 55.6 65.5 122	0.467 1.0 0.0	0.329 1.0 0.0	65.9 −40.8 49.4 64.2 129	0.467 1.0 0.0
119	123	130	0.45 1.0 0.0	71.4 −32.9 57.7 66.5 119	0.399 1.0 0.0	69.7 −35.3 54.6 65.1 123	0.45 1.0 0.0	0.319 1.0 0.0	65.2 −41.7 48.5 64.1 130	0.45 1.0 0.0
120	124	131	0.433 1.0 0.0	70.8 −33.7 56.7 66.0 120	0.384 1.0 0.0	69.2 −36.1 53.6 64.7 124	0.433 1.0 0.0	0.308 1.0 0.0	64.6 −42.7 47.6 64.0 131	0.433 1.0 0.0
121	125	133	0.416 1.0 0.0	70.2 −34.6 55.6 65.5 121	0.371 1.0 0.0	68.6 −36.8 52.7 64.4 125	0.417 1.0 0.0	0.297 1.0 0.0	63.9 −43.6 46.7 64.0 133	0.417 1.0 0.0
122	126	134	0.4 1.0 0.0	69.7 −35.4 54.6 65.1 122	0.362 1.0 0.0	68.0 −37.7 52.0 64.3 126	0.4 1.0 0.0	0.287 1.0 0.0	63.2 −44.5 45.8 63.9 134	0.4 1.0 0.0
124	127	135	0.383 1.0 0.0	69.1 −36.1 53.5 64.6 124	0.353 1.0 0.0	67.4 −38.6 51.3 64.3 127	0.383 1.0 0.0	0.276 1.0 0.0	62.5 −45.4 44.8 63.9 135	0.383 1.0 0.0
125	128	136	0.366 1.0 0.0	68.3 −37.3 52.3 64.3 125	0.344 1.0 0.0	66.9 −39.4 50.6 64.2 128	0.367 1.0 0.0	0.265 1.0 0.0	61.8 −46.2 43.8 63.8 136	0.367 1.0 0.0
127	129	137	0.35 1.0 0.0	67.2 −38.9 51.1 64.2 127	0.335 1.0 0.0	66.3 −40.3 49.9 64.2 129	0.35 1.0 0.0	0.255 1.0 0.0	61.2 −47.1 42.9 63.7 137	0.35 1.0 0.0
129	130	138	0.333 1.0 0.0	66.1 −40.5 49.7 64.1 129	0.326 1.0 0.0	65.7 −41.1 49.1 64.1 130	0.333 1.0 0.0	0.243 1.0 0.0	60.6 −48.0 41.9 63.8 138	0.333 1.0 0.0
130	131	140	0.316 1.0 0.0	65.1 −42.0 48.3 64.0 130	0.316 1.0 0.0	65.1 −41.9 48.4 64.1 131	0.317 1.0 0.0	0.229 1.0 0.0	60.2 −49.0 41.0 64.0 140	0.317 1.0 0.0
132	132	141	0.3 1.0 0.0	64.0 −43.4 46.9 63.9 132	0.307 1.0 0.0	64.5 −42.7 47.6 64.0 132	0.3 1.0 0.0	0.216 1.0 0.0	59.7 −49.9 40.1 64.1 141	0.3 1.0 0.0
134	133	142	0.283 1.0 0.0	63.0 −44.8 45.4 63.8 134	0.298 1.0 0.0	63.9 −43.5 46.8 64.0 133	0.283 1.0 0.0	0.203 1.0 0.0	59.3 −50.9 39.2 64.3 142	0.283 1.0 0.0
136	134	143	0.266 1.0 0.0	61.9 −46.2 43.9 63.8 136	0.289 1.0 0.0	63.4 −44.3 46.0 63.9 134	0.267 1.0 0.0	0.19 1.0 0.0	58.9 −51.8 38.3 64.5 143	0.267 1.0 0.0
138	135	144	0.25 1.0 0.0	60.8 −47.5 42.4 63.7 138	0.28 1.0 0.0	62.8 −45.1 45.2 63.9 135	0.25 1.0 0.0	0.176 1.0 0.0	58.4 −52.7 37.3 64.6 144	0.25 1.0 0.0
139	136	145	0.233 1.0 0.0	60.3 −48.7 41.3 63.9 139	0.271 1.0 0.0	62.2 −45.8 44.3 63.8 136	0.233 1.0 0.0	0.163 1.0 0.0	58.0 −53.6 36.3 64.8 145	0.233 1.0 0.0
141	137	147	0.216 1.0 0.0	59.7 −49.9 40.1 64.1 141	0.262 1.0 0.0	61.6 −46.5 43.5 63.8 137	0.217 1.0 0.0	0.15 1.0 0.0	57.6 −54.4 35.3 65.0 147	0.217 1.0 0.0
142	138	148	0.2 1.0 0.0	59.2 −51.1 39.0 64.3 142	0.252 1.0 0.0	61.0 −47.3 42.6 63.7 138	0.2 1.0 0.0	0.137 1.0 0.0	57.1 −55.3 34.3 65.1 148	0.2 1.0 0.0
144	139	149	0.183 1.0 0.0	58.6 −52.3 37.8 64.5 144	0.242 1.0 0.0	60.6 −48.1 41.9 63.8 139	0.183 1.0 0.0	0.123 1.0 0.0	56.7 −56.2 33.3 65.4 149	0.183 1.0 0.0
145	140	150	0.166 1.0 0.0	58.1 −53.4 36.5 64.7 145	0.23 1.0 0.0	60.2 −48.9 41.1 64.0 140	0.167 1.0 0.0	0.112 1.0 0.0	56.2 −57.5 32.5 66.1 150	0.167 1.0 0.0
147	141	151	0.15 1.0 0.0	57.5 −54.5 35.3 64.9 147	0.219 1.0 0.0	59.8 −49.7 40.3 64.1 141	0.15 1.0 0.0	0.1 1.0 0.0	55.7 −58.8 31.7 66.9 151	0.15 1.0 0.0
148	142	152	0.133 1.0 0.0	57.0 −55.5 34.0 65.1 148	0.207 1.0 0.0	59.5 −50.5 39.6 64.2 142	0.133 1.0 0.0	0.088 1.0 0.0	55.2 −60.1 30.8 67.6 152	0.133 1.0 0.0
150	143	154	0.116 1.0 0.0	56.3 −57.0 32.8 65.8 150	0.196 1.0 0.0	59.1 −51.3 38.8 64.4 143	0.117 1.0 0.0	0.076 1.0 0.0	54.8 −61.3 29.9 68.3 154	0.117 1.0 0.0
151	144	155	0.1 1.0 0.0	55.7 −58.8 31.6 66.8 151	0.185 1.0 0.0	58.7 −52.1 37.9 64.5 144	0.1 1.0 0.0	0.065 1.0 0.0	54.3 −62.6 28.9 69.1 155	0.1 1.0 0.0
153	145	156	0.083 1.0 0.0	55.0 −60.6 30.4 67.8 153	0.173 1.0 0.0	58.3 −52.9 37.1 64.7 145	0.083 1.0 0.0	0.053 1.0 0.0	53.8 −63.9 27.9 69.8 156	0.083 1.0 0.0
155	146	157	0.066 1.0 0.0	54.3 −62.4 29.1 68.9 155	0.162 1.0 0.0	58.0 −53.6 36.2 64.8 146	0.067 1.0 0.0	0.041 1.0 0.0	53.3 −65.1 26.9 70.5 157	0.067 1.0 0.0
156	147	158	0.049 1.0 0.0	53.6 −64.2 27.7 69.9 156	0.151 1.0 0.0	57.6 −54.4 35.4 65.0 147	0.05 1.0 0.0	0.029 1.0 0.0	52.8 −66.3 25.9 71.3 158	0.05 1.0 0.0
158	148	159	0.033 1.0 0.0	53.0 −65.9 26.2 71.0 158	0.139 1.0 0.0	57.2 −55.1 34.5 65.1 148	0.033 1.0 0.0	0.017 1.0 0.0	52.4 −67.5 24.8 72.0 159	0.033 1.0 0.0
159	149	161	0.016 1.0 0.0	52.3 −67.7 24.6 72.0 159	0.128 1.0 0.0	56.8 −55.8 33.6 65.2 149	0.017 1.0 0.0	0.006 1.0 0.0	51.9 −68.7 23.6 72.8 161	0.017 1.0 0.0
161	150	162	0.0 1.0 0.0	51.6 −69.3 23.0 73.1 161	G_d 0.117 1.0 0.0	56.4 −56.8 32.9 65.8 150	G_s 0.0 1.0 0.0	0.0 1.0 0.011	51.7 −69.0 22.2 72.6 162	G_e 0.0 1.0 0.0
162	151	163	0.0 1.0 0.016	51.7 −69.0 21.7 72.3 162	0.107 1.0 0.0	56.0 −58.0 32.2 66.4 151	0.0 1.0 0.017	0.0 1.0 0.028	51.8 −68.7 20.8 71.8 163	0.0 1.0 0.017
163	152	164	0.0 1.0 0.033	51.8 −68.6 20.4 71.6 163	0.097 1.0 0.0	55.6 −59.1 31.5 67.0 152	0.0 1.0 0.033	0.0 1.0 0.045	51.9 −68.3 19.5 71.1 164	0.0 1.0 0.033
164	153	164	0.0 1.0 0.05	51.9 −68.2 19.1 70.8 164	0.087 1.0 0.0	55.2 −60.2 30.7 67.7 153	0.0 1.0 0.05	0.0 1.0 0.062	52.0 −67.8 18.2 70.3 164	0.0 1.0 0.05
165	154	165	0.0 1.0 0.066	52.0 −67.8 17.9 70.1 165	0.077 1.0 0.0	54.8 −61.3 29.9 68.3 154	0.0 1.0 0.067	0.0 1.0 0.079	52.1 −67.4 17.0 69.6 165	0.0 1.0 0.067
166	155	166	0.0 1.0 0.083	52.1 −67.3 16.6 69.3 166	0.067 1.0 0.0	54.4 −62.4 29.1 68.9 155	0.0 1.0 0.083	0.0 1.0 0.096	52.2 −66.9 15.7 68.8 166	0.0 1.0 0.083
166	156	167	0.0 1.0 0.1	52.2 −66.8 15.4 68.6 166	0.057 1.0 0.0	54.0 −63.4 28.3 69.6 156	0.0 1.0 0.1	0.0 1.0 0.113	52.3 −66.4 14.5 68.1 167	0.0 1.0 0.1
167	157	168	0.0 1.0 0.116	52.3 −66.3 14.2 67.9 167	0.047 1.0 0.0	53.5 −64.5 27.4 70.2 157	0.0 1.0 0.117	0.0 1.0 0.129	52.4 −65.9 13.3 67.3 168	0.0 1.0 0.117
168	158	169	0.0 1.0 0.133	52.4 −65.9 12.9 67.1 168	0.037 1.0 0.0	53.1 −65.6 26.5 70.8 158	0.0 1.0 0.133	0.0 1.0 0.144	52.5 −65.5 12.1 66.7 169	0.0 1.0 0.133
169	159	170	0.0 1.0 0.15	52.5 −65.4 11.6 66.4 169	0.026 1.0 0.0	52.7 −66.6 25.6 71.5 159	0.0 1.0 0.15	0.0 1.0 0.158	52.6 −65.0 11.0 66.1 170	0.0 1.0 0.15
170	160	171	0.0 1.0 0.166	52.5 −64.8 10.3 65.6 170	0.016 1.0 0.0	52.3 −67.6 24.7 72.1 160	0.0 1.0 0.167	0.0 1.0 0.173	52.6 −64.6 9.8 65.4 171	0.0 1.0 0.167
172	161	172	0.0 1.0 0.183	52.6 −64.3 9.0 64.9 172	0.006 1.0 0.0	51.9 −68.7 23.7 72.7 161	0.0 1.0 0.183	0.0 1.0 0.187	52.7 −64.1 8.7 64.8 172	0.0 1.0 0.183
173	162	173	0.0 1.0 0.2	52.7 −63.7 7.7 64.2 173	0.0 1.0 0.007	51.7 −69.1 22.5 72.8 162	0.0 1.0 0.2	0.0 1.0 0.201	52.8 −63.6 7.6 64.2 173	0.0 1.0 0.2
174	163	174	0.0 1.0 0.216	52.8 −63.1 6.4 63.4 174	0.0 1.0 0.026	51.8 −68.7 21.0 72.0 163	0.0 1.0 0.217	0.0 1.0 0.216	52.9 −63.1 6.5 63.5 174	0.0 1.0 0.217
175	164	175	0.0 1.0 0.233	52.9 −62.5 5.2 62.7 175	0.0 1.0 0.044	51.9 −68.3 19.6 71.1 164	0.0 1.0 0.233	0.0 1.0 0.23	52.9 −62.5 5.5 62.9 175	0.0 1.0 0.233
176	165	175	0.0 1.0 0.25	53.0 −61.8 4.0 61.9 176	0.0 1.0 0.063	52.0 −67.8 18.2 70.3 165	0.0 1.0 0.25	0.0 1.0 0.244	53.0 −62.0 4.4 62.2 175	0.0 1.0 0.25

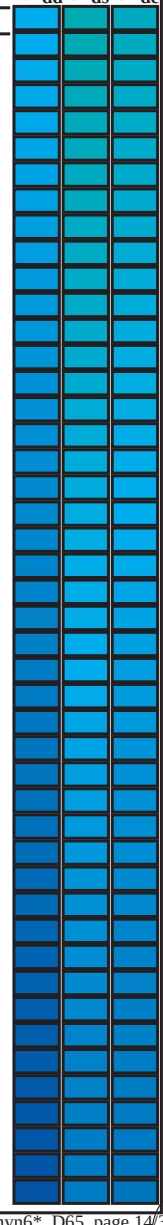
*rgb*dd* *rgb*ds* *rgb*de*

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*$_d$: $h_{ab,d}$ = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
176	165	175	0.0	1.0	0.25	53.0	−61.8	4.0	61.9	176	0.0	1.0	0.063	52.0	−67.8	18.2	70.3	165	0.0	1.0	0.25	0.0	1.0	0.244	53.0	−62.0	4.4	62.2	175	0.0	1.0	0.25			
177	166	176	0.0	1.0	0.266	53.1	−61.2	2.4	61.3	177	0.0	1.0	0.082	52.1	−67.3	16.8	69.5	166	0.0	1.0	0.267	0.0	1.0	0.257	53.1	−61.5	3.4	61.7	176	0.0	1.0	0.267			
179	167	177	0.0	1.0	0.283	53.2	−60.6	0.9	60.6	179	0.0	1.0	0.1	52.2	−66.8	15.4	68.6	167	0.0	1.0	0.283	0.0	1.0	0.267	53.2	−61.2	2.4	61.3	177	0.0	1.0	0.283			
180	168	178	0.0	1.0	0.3	53.3	−59.9	−0.5	59.9	180	0.0	1.0	0.119	52.3	−66.2	14.1	67.8	168	0.0	1.0	0.3	0.0	1.0	0.278	53.2	−60.8	1.4	60.9	178	0.0	1.0	0.3			
181	169	179	0.0	1.0	0.316	53.4	−59.2	−2.0	59.3	181	0.0	1.0	0.136	52.4	−65.7	12.8	67.1	169	0.0	1.0	0.317	0.0	1.0	0.289	53.3	−60.3	0.5	60.4	179	0.0	1.0	0.317			
183	170	180	0.0	1.0	0.333	53.5	−58.5	−3.4	58.6	183	0.0	1.0	0.151	52.5	−65.3	11.5	66.4	170	0.0	1.0	0.333	0.0	1.0	0.299	53.4	−59.9	−0.4	60.0	180	0.0	1.0	0.333			
184	171	181	0.0	1.0	0.35	53.7	−57.7	−4.8	57.9	184	0.0	1.0	0.167	52.6	−64.8	10.3	65.7	171	0.0	1.0	0.35	0.0	1.0	0.31	53.4	−59.5	−1.3	59.6	181	0.0	1.0	0.35			
186	172	182	0.0	1.0	0.366	53.8	−56.9	−6.1	57.3	186	0.0	1.0	0.183	52.7	−64.2	9.0	65.0	172	0.0	1.0	0.367	0.0	1.0	0.321	53.5	−59.0	−2.3	59.1	182	0.0	1.0	0.367			
187	173	183	0.0	1.0	0.383	53.9	−56.2	−7.6	56.7	187	0.0	1.0	0.199	52.8	−63.7	7.8	64.3	173	0.0	1.0	0.383	0.0	1.0	0.332	53.6	−58.5	−3.2	58.7	183	0.0	1.0	0.383			
189	174	184	0.0	1.0	0.4	54.0	−55.5	−9.0	56.3	189	0.0	1.0	0.214	52.9	−63.1	6.6	63.6	174	0.0	1.0	0.4	0.0	1.0	0.342	53.7	−58.0	−4.1	58.3	184	0.0	1.0	0.4			
190	175	185	0.0	1.0	0.416	54.1	−54.8	−10.5	55.8	190	0.0	1.0	0.23	52.9	−62.5	5.5	62.9	175	0.0	1.0	0.417	0.0	1.0	0.353	53.7	−57.5	−5.0	57.9	185	0.0	1.0	0.417			
192	176	185	0.0	1.0	0.433	54.2	−54.1	−11.9	55.4	192	0.0	1.0	0.246	53.0	−61.9	4.3	62.2	176	0.0	1.0	0.433	0.0	1.0	0.364	53.8	−57.0	−5.9	57.4	185	0.0	1.0	0.433			
194	177	186	0.0	1.0	0.45	54.3	−53.3	−13.3	55.0	194	0.0	1.0	0.259	53.1	−61.5	3.2	61.6	177	0.0	1.0	0.45	0.0	1.0	0.374	53.9	−56.5	−6.7	57.0	186	0.0	1.0	0.45			
195	178	187	0.0	1.0	0.466	54.4	−52.5	−14.7	54.6	195	0.0	1.0	0.27	53.2	−61.0	2.1	61.2	178	0.0	1.0	0.467	0.0	1.0	0.384	53.9	−56.1	−7.6	56.7	187	0.0	1.0	0.467			
197	179	188	0.0	1.0	0.483	54.5	−51.7	−16.0	54.1	197	0.0	1.0	0.282	53.3	−60.6	1.1	60.7	179	0.0	1.0	0.483	0.0	1.0	0.394	54.0	−55.7	−8.4	56.5	188	0.0	1.0	0.483			
198	180	189	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198	0.0	1.0	0.294	53.3	−60.1	0.0	60.2	180	0.0	1.0	0.5	0.0	1.0	0.403	54.0	−55.4	−9.3	56.2	189	0.0	1.0	0.5			
200	181	190	0.0	1.0	0.516	54.7	−50.2	−18.5	53.6	200	0.0	1.0	0.306	53.4	−59.7	−0.9	59.8	181	0.0	1.0	0.517	0.0	1.0	0.413	54.1	−55.0	−10.1	56.0	190	0.0	1.0	0.517			
201	182	191	0.0	1.0	0.533	54.8	−49.6	−19.7	53.4	201	0.0	1.0	0.317	53.5	−59.2	−2.0	59.3	182	0.0	1.0	0.533	0.0	1.0	0.422	54.2	−54.5	−10.9	55.7	191	0.0	1.0	0.533			
203	183	192	0.0	1.0	0.55	54.9	−49.0	−20.9	53.3	203	0.0	1.0	0.329	53.6	−58.6	−3.0	58.8	183	0.0	1.0	0.55	0.0	1.0	0.432	54.2	−54.1	−11.8	55.5	192	0.0	1.0	0.55			
204	184	193	0.0	1.0	0.566	55.0	−48.3	−22.0	53.1	204	0.0	1.0	0.341	53.6	−58.1	−4.0	58.3	184	0.0	1.0	0.567	0.0	1.0	0.442	54.3	−53.7	−12.6	55.3	193	0.0	1.0	0.567			
205	185	194	0.0	1.0	0.583	55.1	−47.6	−23.1	53.0	205	0.0	1.0	0.352	53.7	−57.6	−4.9	57.9	185	0.0	1.0	0.583	0.0	1.0	0.451	54.4	−53.2	−13.4	55.0	194	0.0	1.0	0.583			
207	186	195	0.0	1.0	0.6	55.2	−46.9	−24.3	52.8	207	0.0	1.0	0.364	53.8	−57.0	−5.9	57.4	186	0.0	1.0	0.6	0.0	1.0	0.461	54.4	−52.8	−14.1	54.8	195	0.0	1.0	0.6			
208	187	195	0.0	1.0	0.616	55.3	−46.2	−25.4	52.7	208	0.0	1.0	0.376	53.9	−56.4	−6.8	56.9	187	0.0	1.0	0.617	0.0	1.0	0.47	54.5	−52.3	−14.9	54.5	195	0.0	1.0	0.617			
210	188	196	0.0	1.0	0.633	55.5	−45.4	−26.5	52.6	210	0.0	1.0	0.386	53.9	−56.0	−7.8	56.7	188	0.0	1.0	0.633	0.0	1.0	0.48	54.5	−51.8	−15.7	54.3	196	0.0	1.0	0.633			
211	189	197	0.0	1.0	0.65	55.6	−44.7	−27.5	52.6	211	0.0	1.0	0.397	54.0	−55.6	−8.7	56.4	189	0.0	1.0	0.65	0.0	1.0	0.49	54.6	−51.3	−16.4	54.0	197	0.0	1.0	0.65			
213	190	198	0.0	1.0	0.666	55.8	−44.0	−28.6	52.5	213	0.0	1.0	0.407	54.1	−55.2	−9.6	56.1	190	0.0	1.0	0.667	0.0	1.0	0.499	54.7	−50.8	−17.2	53.8	198	0.0	1.0	0.667			
214	191	199	0.0	1.0	0.683	56.0	−43.3	−29.7	52.5	214	0.0	1.0	0.418	54.1	−54.7	−10.6	55.9	191	0.0	1.0	0.683	0.0	1.0	0.51	54.7	−50.4	−17.9	53.7	199	0.0	1.0	0.683			
215	192	200	0.0	1.0	0.7	56.1	−42.5	−30.7	52.5	215	0.0	1.0	0.428	54.2	−54.3	−11.5	55.6	192	0.0	1.0	0.7	0.0	1.0	0.52	54.8	−50.1	−18.7	53.6	200	0.0	1.0	0.7			
217	193	201	0.0	1.0	0.716	56.3	−41.7	−31.8	52.4	217	0.0	1.0	0.439	54.3	−53.8	−12.3	55.3	193	0.0	1.0	0.717	0.0	1.0	0.531	54.9	−49.7	−19.5	53.5	201	0.0	1.0	0.717			
218	194	202	0.0	1.0	0.733	56.5	−40.9	−32.8	52.4	218	0.0	1.0	0.449	54.3	−53.3	−13.2	55.1	194	0.0	1.0	0.733	0.0	1.0	0.542	54.9	−49.3	−20.2	53.4	202	0.0	1.0	0.733			
220	195	203	0.0	1.0	0.75	56.6	−40.0	−33.7	52.4	220	0.0	1.0	0.46	54.4	−52.8	−14.1	54.8	195	0.0	1.0	0.75	0.0	1.0	0.552	55.0	−48.9	−21.0	53.3	203	0.0	1.0	0.75			
221	196	204	0.0	1.0	0.766	56.7	−39.6	−34.5	52.5	221	0.0	1.0	0.471	54.5	−52.3	−14.9	54.5	196	0.0	1.0	0.767	0.0	1.0	0.563	55.1	−48.4	−21.7	53.2	204	0.0	1.0	0.767			
222	197	205	0.0	1.0	0.783	56.8	−39.1	−35.3	52.7	222	0.0	1.0	0.481	54.5	−51.8	−15.8	54.2	197	0.0	1.0	0.783	0.0	1.0	0.574	55.1	−48.0	−22.4	53.1	205	0.0	1.0	0.783			
223	198	206	0.0	1.0	0.8	56.9	−38.6	−36.1	52.9	223	0.0	1.0	0.492	54.6	−51.2	−16.6	54.0	198	0.0	1.0	0.8	0.0	1.0	0.584	55.2	−47.5	−23.2	53.0	206	0.0	1.0	0.8			
224	199	206	0.0	1.0	0.816	56.9	−38.0	−36.9	53.0	224	0.0	1.0	0.502	54.7	−50.7	−17.4	53.7	199	0.0	1.0	0.817	0.0	1.0	0.595	55.3	−47.1	−23.9	52.9	206	0.0	1.0	0.817			
225	200	207	0.0	1.0	0.833	57.0	−37.5	−37.7	53.2	225	0.0	1.0	0.514	54.8	−50.3	−18.2	53.6	200	0.0	1.0	0.833	0.0	1.0	0.606	55.3	−46.6	−24.6	52.8	207	0.0	1.0	0.833			
226	201	208	0.0	1.0	0.85	57.1	−36.9	−38.5	53.3	226	0.0	1.0	0.526	54.8	−49.9	−19.1	53.5	201	0.0	1.0	0.85	0.0	1.0	0.616	55.4	−46.1	−25.3	52.7	208	0.0	1.0	0.85			
227	202	209	0.0	1.0	0.866	57.2	−36.4	−39.2	53.5	227	0.0	1.0	0.537	54.9	−49.4	−19.9	53.4	202	0.0	1.0	0.867	0.0	1.0	0.627	55.5	−45.7	−26.0	52.7	209	0.0	1.0	0.867			
228	203	210	0.0	1.0	0.883	57.3	−35.8	−40.0	53.7	228	0.0	1.0	0.549	55.0	−49.0	−20.7	53.3	203	0.0	1.0	0.883	0.0	1.0	0.638	55.6	−45.2	−26.7	52.6	210	0.0	1.0	0.883			
229	204	211	0.0	1.0	0.9	57.4	−35.3	−40.7	53.9	229	0.0	1.0	0.561	55.0	−48.5	−21.5	53.2	204	0.0	1.0	0.9	0.0	1.0	0.648	55.7	−44.8	−27.4	52.6	211	0.0	1.0	0.9			
230	205	212	0.0	1.0	0.916	57.4	−34.8	−41.5	54.1	230	0.0	1.0	0.572	55.1	−48.0	−22.4	53.1	205	0.0	1.0	0.917	0.0	1.0	0.659	55.8	−44.3	−28.1	52.6	212	0.0	1.0	0.917			
230	206	213	0.0	1.0	0.933	57.5	−34.2	−42.2	54.4	230	0.0	1.0	0.584	55.2	−47.6	−23.1	53.0	206	0.0	1.0	0.933	0.0	1.0	0.67	55.9	−43.8	−28.8	52.6	213	0.0	1.0	0.933			
231	207	214	0.0	1.0	0.95	57.6	−33.7	−42.9	54.6	231	0.0	1.0	0.596	55.3	−47.1	−23.9	52.9	207	0.0	1.0	0.95	0.0	1.0	0.681	56.0	−43.3	−29.5	52.6	214	0.0	1.0	0.95			
232	208	215	0.0	1.0	0.966	57.7	−33.1	−43.7	54.8	232	0.0	1.0	0.607	55.3	−46.5	−24.7	52.8	208	0.0	1.0	0.967	0.0	1.0	0.691	56.1	−42.9	−30.1	52.5	215	0.0	1.0	0.967			
233	209	216	0.0	1.0	0.983	57.7	−32.5	−44.4	55.0	233	0.0	1.0	0.619	55.4	−46.0	−25.5	52.7	209	0.0	1.0	0.983	0.0	1.0	0.702	56.2	−42.3	−30.8	52.5	216	0.0	1.0	0.983			
234	210	216	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234	C_d	0.0	1.0	0.631	55.5	−45.5	−26.2	52.7	210	C_s	0.0	1.0	1.0	0.0	1.0	0.713	56.3	−41.8	−31.5	52.5	216	C_e	0.0	1.0	1.0			

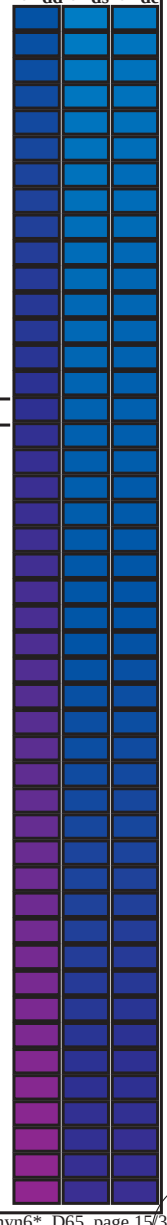
Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb*dd361M*			*LAB*ddx361Mi (x=LabCh)*					*rgb*ds361Mi*			*LAB*dsx361Mi (x=LabCh)*					*rgb*dd361Mi*			*rgb*de361Mi*			*LAB*dex361Mi (x=LabCh)*					*rgb*dd361Mi*			*rgb*dd*	*rgb*ds*	*rgb*de*
234	210	216	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234	C_d	0.0	1.0	0.631	55.5	−45.5	−26.2	52.7	210	C_s	0.0	1.0	1.0	0.0	1.0	0.713	56.3	−41.8	−31.5	52.5	216	C_e	0.0	1.0	1.0			
235	211	217	0.0	0.983	1.0	57.4	−31.3	−45.1	55.0	235		0.0	1.0	0.643	55.6	−45.0	−27.0	52.6	211		0.0	0.983	1.0	0.0	1.0	0.724	56.4	−41.3	−32.1	52.5	217		0.0	0.983	1.0			
235	212	218	0.0	0.966	1.0	57.0	−30.7	−45.2	54.7	235		0.0	1.0	0.654	55.7	−44.5	−27.8	52.6	212		0.0	0.967	1.0	0.0	1.0	0.734	56.5	−40.8	−32.8	52.4	218		0.0	0.967	1.0			
236	213	219	0.0	0.95	1.0	56.6	−30.1	−45.2	54.4	236		0.0	1.0	0.666	55.8	−44.0	−28.5	52.6	213		0.0	0.95	1.0	0.0	1.0	0.745	56.6	−40.2	−33.4	52.4	219		0.0	0.95	1.0			
236	214	220	0.0	0.933	1.0	56.2	−29.6	−45.3	54.1	236		0.0	1.0	0.678	56.0	−43.5	−29.3	52.6	214		0.0	0.933	1.0	0.0	1.0	0.758	56.7	−39.7	−34.1	52.5	220		0.0	0.933	1.0			
237	215	221	0.0	0.916	1.0	55.9	−29.0	−45.3	53.8	237		0.0	1.0	0.69	56.1	−42.9	−30.0	52.5	215		0.0	0.917	1.0	0.0	1.0	0.774	56.8	−39.3	−34.8	52.6	221		0.0	0.917	1.0			
237	216	222	0.0	0.9	1.0	55.5	−28.4	−45.3	53.5	237		0.0	1.0	0.701	56.2	−42.4	−30.8	52.5	216		0.0	0.9	1.0	0.0	1.0	0.789	56.9	−38.9	−35.5	52.8	222		0.0	0.9	1.0			
238	217	223	0.0	0.883	1.0	55.1	−27.8	−45.3	53.2	238		0.0	1.0	0.713	56.3	−41.8	−31.5	52.5	217		0.0	0.883	1.0	0.0	1.0	0.804	56.9	−38.4	−36.3	52.9	223		0.0	0.883	1.0			
239	218	224	0.0	0.866	1.0	54.6	−27.2	−45.4	52.9	239		0.0	1.0	0.725	56.4	−41.2	−32.2	52.5	218		0.0	0.867	1.0	0.0	1.0	0.819	57.0	−37.9	−37.0	53.1	224		0.0	0.867	1.0			
239	219	225	0.0	0.85	1.0	54.1	−26.4	−45.4	52.6	239		0.0	1.0	0.737	56.5	−40.7	−32.9	52.4	219		0.0	0.85	1.0	0.0	1.0	0.834	57.1	−37.4	−37.7	53.2	225		0.0	0.85	1.0			
240	220	226	0.0	0.833	1.0	53.7	−25.7	−45.5	52.3	240		0.0	1.0	0.749	56.6	−40.1	−33.6	52.4	220		0.0	0.833	1.0	0.0	1.0	0.849	57.2	−36.9	−38.4	53.4	226		0.0	0.833	1.0			
241	221	227	0.0	0.816	1.0	53.2	−25.0	−45.5	51.9	241		0.0	1.0	0.765	56.7	−39.6	−34.4	52.6	221		0.0	0.817	1.0	0.0	1.0	0.864	57.2	−36.4	−39.1	53.5	227		0.0	0.817	1.0			
241	222	227	0.0	0.8	1.0	52.7	−24.3	−45.5	51.6	241		0.0	1.0	0.781	56.8	−39.1	−35.2	52.7	222		0.0	0.8	1.0	0.0	1.0	0.88	57.3	−35.9	−39.8	53.7	227		0.0	0.8	1.0			
242	223	228	0.0	0.783	1.0	52.2	−23.5	−45.6	51.3	242		0.0	1.0	0.798	56.9	−38.6	−36.0	52.9	223		0.0	0.783	1.0	0.0	1.0	0.896	57.4	−35.4	−40.5	53.9	228		0.0	0.783	1.0			
243	224	229	0.0	0.766	1.0	51.8	−22.8	−45.6	51.0	243		0.0	1.0	0.814	57.0	−38.1	−36.7	53.0	224		0.0	0.767	1.0	0.0	1.0	0.912	57.5	−34.9	−41.2	54.1	229		0.0	0.767	1.0			
244	225	230	0.0	0.75	1.0	51.3	−22.1	−45.6	50.7	244		0.0	1.0	0.831	57.1	−37.5	−37.5	53.2	225		0.0	0.75	1.0	0.0	1.0	0.929	57.5	−34.4	−41.9	54.4	230		0.0	0.75	1.0			
244	226	231	0.0	0.733	1.0	50.7	−21.3	−45.7	50.4	244		0.0	1.0	0.847	57.2	−37.0	−38.3	53.4	226		0.0	0.733	1.0	0.0	1.0	0.945	57.6	−33.8	−42.7	54.6	231		0.0	0.733	1.0			
245	227	232	0.0	0.716	1.0	50.2	−20.5	−45.7	50.1	245		0.0	1.0	0.864	57.2	−36.4	−39.1	53.5	227		0.0	0.717	1.0	0.0	1.0	0.961	57.7	−33.3	−43.4	54.8	232		0.0	0.717	1.0			
246	228	233	0.0	0.7	1.0	49.7	−19.6	−45.8	49.9	246		0.0	1.0	0.881	57.3	−35.8	−39.8	53.7	228		0.0	0.7	1.0	0.0	1.0	0.977	57.8	−32.7	−44.1	55.0	233		0.0	0.7	1.0			
247	229	234	0.0	0.683	1.0	49.1	−18.8	−45.9	49.6	247		0.0	1.0	0.899	57.4	−35.3	−40.6	54.0	229		0.0	0.683	1.0	0.0	1.0	0.993	57.8	−32.1	−44.8	55.2	234		0.0	0.683	1.0			
248	230	235	0.0	0.666	1.0	48.6	−18.0	−45.9	49.3	248		0.0	1.0	0.917	57.5	−34.7	−41.4	54.2	230		0.0	0.667	1.0	0.0	0.983	1.0	57.5	−31.3	−45.1	55.0	235		0.0	0.667	1.0			
249	231	236	0.0	0.65	1.0	48.0	−17.2	−45.9	49.1	249		0.0	1.0	0.934	57.6	−34.2	−42.2	54.4	231		0.0	0.65	1.0	0.0	0.955	1.0	56.8	−30.3	−45.2	54.5	236		0.0	0.65	1.0			
250	232	237	0.0	0.633	1.0	47.5	−16.4	−45.9	48.8	250		0.0	1.0	0.952	57.7	−33.6	−43.0	54.7	232		0.0	0.633	1.0	0.0	0.927	1.0	56.1	−29.3	−45.2	54.0	237		0.0	0.633	1.0			
251	233	237	0.0	0.616	1.0	46.9	−15.4	−46.0	48.5	251		0.0	1.0	0.97	57.7	−32.9	−43.8	54.9	233		0.0	0.617	1.0	0.0	0.898	1.0	55.5	−28.3	−45.3	53.5	237		0.0	0.617	1.0			
252	234	238	0.0	0.6	1.0	46.2	−14.3	−46.1	48.3	252		0.0	1.0	0.988	57.8	−32.3	−44.5	55.2	234		0.0	0.6	1.0	0.0	0.871	1.0	54.8	−27.3	−45.3	53.0	238		0.0	0.6	1.0			
253	235	239	0.0	0.583	1.0	45.6	−13.2	−46.2	48.1	253		0.0	0.99	1.0	57.6	−31.5	−45.1	55.1	235		0.0	0.583	1.0	0.0	0.85	1.0	54.2	−26.4	−45.4	52.6	239		0.0	0.583	1.0			
255	236	240	0.0	0.566	1.0	44.9	−12.1	−46.3	47.8	255		0.0	0.959	1.0	56.9	−30.4	−45.2	54.6	236		0.0	0.567	1.0	0.0	0.829	1.0	53.6	−25.4	−45.4	52.2	240		0.0	0.567	1.0			
256	237	241	0.0	0.55	1.0	44.3	−11.0	−46.3	47.6	256		0.0	0.928	1.0	56.2	−29.3	−45.2	54.0	237		0.0	0.55	1.0	0.0	0.807	1.0	53.0	−24.5	−45.5	51.8	241		0.0	0.55	1.0			
257	238	242	0.0	0.533	1.0	43.6	−9.9	−46.3	47.4	257		0.0	0.897	1.0	55.4	−28.2	−45.3	53.5	238		0.0	0.533	1.0	0.0	0.786	1.0	52.4	−23.6	−45.5	51.4	242		0.0	0.533	1.0			
259	239	243	0.0	0.516	1.0	43.0	−8.8	−46.3	47.2	259		0.0	0.868	1.0	54.7	−27.2	−45.3	53.0	239		0.0	0.517	1.0	0.0	0.765	1.0	51.8	−22.7	−45.5	51.0	243		0.0	0.517	1.0			
260	240	244	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260		0.0	0.845	1.0	54.1	−26.2	−45.4	52.5	240		0.0	0.5	1.0	0.0	0.745	1.0	51.2	−21.8	−45.6	50.6	244		0.0	0.5	1.0			
261	241	245	0.0	0.483	1.0	41.6	−6.7	−46.4	46.9	261		0.0	0.822	1.0	53.4	−25.2	−45.5	52.1	241		0.0	0.483	1.0	0.0	0.728	1.0	50.6	−21.0	−45.6	50.4	245		0.0	0.483	1.0			
263	242	246	0.0	0.466	1.0	41.0	−5.6	−46.4	46.8	263		0.0	0.798	1.0	52.7	−24.1	−45.5	51.6	242		0.0	0.467	1.0	0.0	0.711	1.0	50.1	−20.1	−45.7	50.1	246		0.0	0.467	1.0			
264	243	247	0.0	0.45	1.0	40.3	−4.5	−46.5	46.7	264		0.0	0.775	1.0	52.1	−23.1	−45.5	51.2	243		0.0	0.45	1.0	0.0	0.694	1.0	49.5	−19.3	−45.8	49.8	247		0.0	0.45	1.0			
265	244	248	0.0	0.433	1.0	39.6	−3.4	−46.5	46.7	265		0.0	0.752	1.0	51.4	−22.2	−45.5	50.8	244		0.0	0.433	1.0	0.0	0.677	1.0	48.9	−18.4	−45.8	49.5	248		0.0	0.433	1.0			
267	245	248	0.0	0.416	1.0	38.9	−2.3	−46.5	46.6	267		0.0	0.733	1.0	50.8	−21.2	−45.6	50.4	245		0.0	0.417	1.0	0.0	0.66	1.0	48.4	−17.6	−45.9	49.3	248		0.0	0.417	1.0			
268	246	249	0.0	0.4	1.0	38.3	−1.2	−46.5	46.5	268		0.0	0.714	1.0	50.2	−20.3	−45.7	50.1	246		0.0	0.4	1.0	0.0	0.643	1.0	47.8	−16.8	−45.9	49.0	249		0.0	0.4	1.0			
269	247	250	0.0	0.383	1.0	37.6	−0.2	−46.5	46.5	269		0.0	0.695	1.0	49.6	−19.4	−45.8	49.8	247		0.0	0.383	1.0	0.0	0.625	1.0	47.3	−16.0	−45.9	48.7	250		0.0	0.383	1.0			
271	248	251	0.0	0.366	1.0	37.0	0.8	−46.5	46.5	271		0.0	0.677	1.0	49.0	−18.5	−45.8	49.5	248		0.0	0.367	1.0	0.0	0.614	1.0	46.8	−15.2	−46.0	48.5	251		0.0	0.367	1.0			
272	249	252	0.0	0.35	1.0	36.4	1.9	−46.7	46.7	272		0.0	0.658	1.0	48.3	−17.5	−45.9	49.2	249		0.0	0.35	1.0	0.0	0.602	1.0	46.4	−14.4	−46.1	48.4	252		0.0	0.35	1.0			
273	250	253	0.0	0.333	1.0	35.8	3.0	−46.8	46.9	273		0.0	0.639	1.0	47.7	−16.6	−45.9	48.9	250		0.0	0.333	1.0	0.0	0.59	1.0	45.9	−13.6	−46.1	48.2	253		0.0	0.333	1.0			
275	251	254	0.0	0.316	1.0	35.1	4.1	−46.9	47.1	275		0.0	0.622	1.0	47.2	−15.7	−45.9	48.7	251		0.0	0.317	1.0	0.0	0.578	1.0	45.4	−12.8	−46.2	48.1	254		0.0	0.317	1.0			
276	252	255	0.0	0.3	1.0	34.5	5.2	−46.9	47.2	276		0.0	0.609	1.0	46.6	−14.9	−46.0	48.5	252		0.0	0.3	1.0	0.0	0.566	1.0	45.0	−12.0	−46.2	47.9	255		0.0	0.3	1.0			
277	253	256	0.0	0.283	1.0	33.9	6.3	−47.0	47.4	277		0.0	0.596	1.0	46.1	−14.0	−46.1	48.3	253		0.0	0.283	1.0	0.0	0.555	1.0	44.5	−11.3	−46.3	47.7	256		0.0	0.283	1.0			
278	254	257	0.0	0.266	1.0	33.3	7.4	−47.0	47.6	278		0.0	0.583	1.0	45.6	−13.2	−46.2	48.1	254		0.0	0.267	1.0	0.0	0.543	1.0	44.0	−10.5	−46.3	47.6	257		0.0	0.267	1.0			
280	255	258	0.0	0.25	1.0	32.7	8.5	−47.0	47.8	280		0.0	0.57	1.0	45.1	−12.3	−46.2	47.9	255		0.0	0.25	1.0	0.0	0.531	1.0	43.6	−9.7	−46.3	47.4	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*$_d$: $h_{ab,d}$ = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd *rgb**ds *rgb**de
280	255	258	0.0	0.25	1.0	32.7	8.5	−47.0	47.8	280	0.0	0.57	1.0	45.1	−12.3	−46.2	47.9	255	0.0	0.25	1.0	0.0	0.531	1.0	43.6	−9.7	−46.3	47.4	258	0.0	0.25	1.0	
281	256	258	0.0	0.233	1.0	32.1	9.5	−47.2	48.1	281	0.0	0.557	1.0	44.6	−11.5	−46.2	47.8	256	0.0	0.233	1.0	0.0	0.519	1.0	43.1	−8.9	−46.3	47.2	258	0.0	0.233	1.0	
282	257	259	0.0	0.216	1.0	31.5	10.6	−47.3	48.5	282	0.0	0.545	1.0	44.1	−10.6	−46.3	47.6	257	0.0	0.217	1.0	0.0	0.507	1.0	42.7	−8.2	−46.2	47.1	259	0.0	0.217	1.0	
283	258	260	0.0	0.2	1.0	30.9	11.7	−47.4	48.8	283	0.0	0.532	1.0	43.6	−9.8	−46.3	47.4	258	0.0	0.2	1.0	0.0	0.496	1.0	42.2	−7.4	−46.2	47.0	260	0.0	0.2	1.0	
285	259	261	0.0	0.183	1.0	30.2	12.8	−47.5	49.2	285	0.0	0.519	1.0	43.1	−8.9	−46.3	47.2	259	0.0	0.183	1.0	0.0	0.484	1.0	41.7	−6.7	−46.3	46.9	261	0.0	0.183	1.0	
286	260	262	0.0	0.166	1.0	29.6	13.9	−47.5	49.5	286	0.0	0.506	1.0	42.6	−8.1	−46.2	47.1	260	0.0	0.167	1.0	0.0	0.473	1.0	41.3	−5.9	−46.4	46.9	262	0.0	0.167	1.0	
287	261	263	0.0	0.15	1.0	29.0	15.0	−47.6	49.9	287	0.0	0.493	1.0	42.1	−7.2	−46.3	46.9	261	0.0	0.15	1.0	0.0	0.461	1.0	40.8	−5.2	−46.4	46.8	263	0.0	0.15	1.0	
288	262	264	0.0	0.133	1.0	28.4	16.1	−47.6	50.3	288	0.0	0.481	1.0	41.6	−6.4	−46.3	46.9	262	0.0	0.133	1.0	0.0	0.45	1.0	40.3	−4.4	−46.5	46.8	264	0.0	0.133	1.0	
289	263	265	0.0	0.116	1.0	27.8	17.1	−47.6	50.6	289	0.0	0.468	1.0	41.1	−5.6	−46.4	46.8	263	0.0	0.117	1.0	0.0	0.439	1.0	39.9	−3.7	−46.5	46.7	265	0.0	0.117	1.0	
290	264	266	0.0	0.1	1.0	27.4	17.9	−47.7	50.9	290	0.0	0.455	1.0	40.6	−4.8	−46.4	46.8	264	0.0	0.1	1.0	0.0	0.427	1.0	39.4	−2.9	−46.5	46.7	266	0.0	0.1	1.0	
291	265	267	0.0	0.083	1.0	27.0	18.8	−47.7	51.3	291	0.0	0.443	1.0	40.1	−4.0	−46.5	46.7	265	0.0	0.083	1.0	0.0	0.416	1.0	39.0	−2.2	−46.5	46.6	267	0.0	0.083	1.0	
292	266	268	0.0	0.066	1.0	26.6	19.6	−47.8	51.6	292	0.0	0.43	1.0	39.6	−3.2	−46.5	46.7	266	0.0	0.067	1.0	0.0	0.404	1.0	38.5	−1.5	−46.5	46.6	268	0.0	0.067	1.0	
293	267	269	0.0	0.049	1.0	26.2	20.4	−47.8	52.0	293	0.0	0.418	1.0	39.0	−2.3	−46.5	46.6	267	0.0	0.05	1.0	0.0	0.393	1.0	38.0	−0.7	−46.4	46.5	269	0.0	0.05	1.0	
293	268	269	0.0	0.033	1.0	25.8	21.2	−47.8	52.3	293	0.0	0.405	1.0	38.5	−1.5	−46.5	46.6	268	0.0	0.033	1.0	0.0	0.381	1.0	37.6	0.0	−46.4	46.5	269	0.0	0.033	1.0	
294	269	270	0.0	0.016	1.0	25.4	22.1	−47.8	52.7	294	0.0	0.393	1.0	38.0	−0.7	−46.4	46.5	269	0.0	0.017	1.0	0.0	0.37	1.0	37.1	0.7	−46.4	46.5	270	0.0	0.017	1.0	
295	270	271	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295	B_d	0.0	0.38	1.0	37.5	0.0	−46.4	46.5	270	B_s	0.0	0.0	1.0	0.0	0.358	1.0	36.7	1.4	−46.5	46.7	271	B_e	0.0	0.0	1.0	
297	271	272	0.016	0.0	1.0	25.3	24.1	−47.3	53.1	297	0.0	0.368	1.0	37.0	0.8	−46.4	46.6	271	0.017	0.0	1.0	0.0	0.346	1.0	36.3	2.2	−46.6	46.8	272	0.017	0.0	1.0	
298	272	273	0.033	0.0	1.0	25.7	25.3	−46.8	53.2	298	0.0	0.355	1.0	36.6	1.6	−46.6	46.7	272	0.033	0.0	1.0	0.0	0.334	1.0	35.8	3.0	−46.7	46.9	273	0.033	0.0	1.0	
299	273	274	0.05	0.0	1.0	26.1	26.4	−46.2	53.3	299	0.0	0.342	1.0	36.1	2.5	−46.7	46.8	273	0.05	0.0	1.0	0.0	0.322	1.0	35.4	3.8	−46.8	47.0	274	0.05	0.0	1.0	
301	274	275	0.066	0.0	1.0	26.5	27.6	−45.7	53.3	301	0.0	0.33	1.0	35.7	3.3	−46.7	47.0	274	0.067	0.0	1.0	0.0	0.31	1.0	35.0	4.5	−46.9	47.2	275	0.067	0.0	1.0	
302	275	276	0.083	0.0	1.0	26.9	28.7	−45.1	53.4	302	0.0	0.317	1.0	35.2	4.1	−46.8	47.1	275	0.083	0.0	1.0	0.0	0.298	1.0	34.5	5.3	−46.9	47.3	276	0.083	0.0	1.0	
303	276	277	0.1	0.0	1.0	27.2	29.8	−44.4	53.5	303	0.0	0.304	1.0	34.7	4.9	−46.9	47.2	276	0.1	0.0	1.0	0.0	0.286	1.0	34.1	6.1	−46.9	47.4	277	0.1	0.0	1.0	
305	277	278	0.116	0.0	1.0	27.6	30.9	−43.8	53.6	305	0.0	0.291	1.0	34.3	5.8	−46.9	47.4	277	0.117	0.0	1.0	0.0	0.274	1.0	33.7	6.9	−47.0	47.6	278	0.117	0.0	1.0	
306	278	279	0.133	0.0	1.0	28.0	31.7	−43.2	53.7	306	0.0	0.279	1.0	33.8	6.6	−46.9	47.5	278	0.133	0.0	1.0	0.0	0.262	1.0	33.2	7.7	−47.0	47.7	279	0.133	0.0	1.0	
307	279	280	0.15	0.0	1.0	28.2	32.4	−42.8	53.7	307	0.0	0.266	1.0	33.4	7.5	−47.0	47.6	279	0.15	0.0	1.0	0.0	0.25	1.0	32.8	8.5	−47.0	47.8	280	0.15	0.0	1.0	
307	280	281	0.166	0.0	1.0	28.5	33.0	−42.5	53.8	307	0.0	0.253	1.0	32.9	8.3	−47.0	47.8	280	0.167	0.0	1.0	0.0	0.237	1.0	32.3	9.4	−47.1	48.1	281	0.167	0.0	1.0	
308	281	282	0.183	0.0	1.0	28.8	33.6	−42.1	53.9	308	0.0	0.24	1.0	32.4	9.2	−47.0	48.0	281	0.183	0.0	1.0	0.0	0.224	1.0	31.8	10.2	−47.2	48.4	282	0.183	0.0	1.0	
309	282	283	0.2	0.0	1.0	29.1	34.2	−41.6	53.9	309	0.0	0.226	1.0	31.9	10.0	−47.2	48.3	282	0.2	0.0	1.0	0.0	0.211	1.0	31.3	11.0	−47.3	48.6	283	0.2	0.0	1.0	
310	283	284	0.216	0.0	1.0	29.4	34.8	−41.2	54.0	310	0.0	0.213	1.0	31.4	10.9	−47.3	48.6	283	0.217	0.0	1.0	0.0	0.198	1.0	30.8	11.9	−47.4	48.9	284	0.217	0.0	1.0	
310	284	285	0.233	0.0	1.0	29.6	35.4	−40.8	54.1	310	0.0	0.199	1.0	30.9	11.8	−47.4	48.9	284	0.233	0.0	1.0	0.0	0.185	1.0	30.4	12.7	−47.4	49.2	285	0.233	0.0	1.0	
311	285	285	0.25	0.0	1.0	29.9	36.0	−40.4	54.1	311	0.0	0.185	1.0	30.4	12.7	−47.4	49.2	285	0.25	0.0	1.0	0.0	0.172	1.0	29.9	13.6	−47.5	49.5	285	0.25	0.0	1.0	
313	286	286	0.266	0.0	1.0	30.4	37.7	−39.5	54.6	313	0.0	0.172	1.0	29.8	13.6	−47.5	49.5	286	0.267	0.0	1.0	0.0	0.159	1.0	29.4	14.5	−47.5	49.8	286	0.267	0.0	1.0	
315	287	287	0.283	0.0	1.0	30.9	39.3	−38.5	55.0	315	0.0	0.158	1.0	29.3	14.6	−47.5	49.8	287	0.283	0.0	1.0	0.0	0.146	1.0	28.9	15.3	−47.5	50.0	287	0.283	0.0	1.0	
317	288	288	0.3	0.0	1.0	31.5	40.9	−37.5	55.5	317	0.0	0.144	1.0	28.8	15.5	−47.5	50.1	288	0.3	0.0	1.0	0.0	0.133	1.0	28.4	16.2	−47.5	50.3	288	0.3	0.0	1.0	
319	289	289	0.316	0.0	1.0	32.0	42.4	−36.4	55.9	319	0.0	0.13	1.0	28.3	16.4	−47.5	50.4	289	0.317	0.0	1.0	0.0	0.118	1.0	27.9	17.1	−47.5	50.6	289	0.317	0.0	1.0	
321	290	290	0.333	0.0	1.0	32.5	44.0	−35.3	56.4	321	0.0	0.113	1.0	27.8	17.4	−47.6	50.7	290	0.333	0.0	1.0	0.0	0.099	1.0	27.5	18.0	−47.6	51.0	290	0.333	0.0	1.0	
323	291	291	0.35	0.0	1.0	33.0	45.5	−34.1	56.9	323	0.0	0.093	1.0	27.3	18.3	−47.6	51.1	291	0.35	0.0	1.0	0.0	0.08	1.0	27.0	19.0	−47.7	51.4	291	0.35	0.0	1.0	
325	292	292	0.366	0.0	1.0	33.5	47.0	−32.8	57.3	325	0.0	0.073	1.0	26.8	19.3	−47.7	51.6	292	0.367	0.0	1.0	0.0	0.061	1.0	26.5	19.9	−47.7	51.8	292	0.367	0.0	1.0	
326	293	293	0.383	0.0	1.0	34.0	48.1	−31.9	57.7	326	0.0	0.053	1.0	26.3	20.3	−47.7	52.0	293	0.383	0.0	1.0	0.0	0.042	1.0	26.0	20.8	−47.8	52.2	293	0.383	0.0	1.0	
327	294	294	0.4	0.0	1.0	34.4	49.0	−31.3	58.1	327	0.0	0.033	1.0	25.8	21.3	−47.8	52.4	294	0.4	0.0	1.0	0.0	0.023	1.0	25.6	21.8	−47.8	52.6	294	0.4	0.0	1.0	
328	295	295	0.416	0.0	1.0	34.8	49.8	−30.6	58.5	328	0.0	0.013	1.0	25.3	22.3	−47.8	52.8	295	0.417	0.0	1.0	0.0	0.005	1.0	25.1	22.8	−47.8	53.0	295	0.417	0.0	1.0	
329	296	296	0.433	0.0	1.0	35.3	50.6	−30.0	58.9	329	0.004	0.0	1.0	25.1	23.3	−47.6	53.1	296	0.433	0.0	1.0	0.009	0.0	1.0	25.2	23.6	−47.5	53.1	296	0.433	0.0	1.0	
330	297	297	0.45	0.0	1.0	35.7	51.5	−29.3	59.2	330	0.016	0.0	1.0	25.4	24.1	−47.3	53.2	297	0.45	0.0	1.0	0.02	0.0	1.0	25.5	24.4	−47.1	53.2	297	0.45	0.0	1.0	
331	298	298	0.466	0.0	1.0	36.2	52.3	−28.6	59.6	331	0.029	0.0	1.0	25.6	25.0	−46.9	53.2	298	0.467	0.0	1.0	0.032	0.0	1.0	25.7	25.2	−46.8	53.2	298	0.467	0.0	1.0	
332	299	299	0.483	0.0	1.0	36.6	53.1	−27.9	60.0	332	0.041	0.0	1.0	25.9	25.8	−46.5	53.3	299	0.483	0.0	1.0	0.043	0.0	1.0	26.0	26.0	−46.4	53.3	299	0.483	0.0	1.0	
333	300	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333	0.053	0.0	1.0	26.2	26.7	−46.1	53.3	300	0.5	0.0	1.0	0.055	0.0	1.0	26.3	26.8	−46.0	53.3	300	0.5	0.0	1.0	



SE0410A

see similar files: http://130.149.60.45/~farbmetrik/SE04/SE04.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-SE04/SE04L0FA.TXT /.PS
application for measurement of offset print output, separationcmyn6* (CMYK)

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi		
333	300	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333	0.053	0.0	1.0	26.2	26.7	−46.1	53.3	300	0.5	0.0	1.0	0.055	0.0	1.0	26.3	26.8	−46.0	53.3	300	0.5	0.0	1.0
334	301	301	0.516	0.0	1.0	37.5	54.7	−26.5	60.8	334	0.065	0.0	1.0	26.5	27.5	−45.7	53.4	301	0.517	0.0	1.0	0.067	0.0	1.0	26.5	27.6	−45.6	53.4	301	0.517	0.0	1.0
334	302	302	0.533	0.0	1.0	37.9	55.5	−25.9	61.3	334	0.077	0.0	1.0	26.8	28.3	−45.2	53.4	302	0.533	0.0	1.0	0.078	0.0	1.0	26.8	28.4	−45.2	53.4	302	0.533	0.0	1.0
335	303	303	0.55	0.0	1.0	38.3	56.3	−25.2	61.7	335	0.09	0.0	1.0	27.1	29.1	−44.8	53.5	303	0.55	0.0	1.0	0.09	0.0	1.0	27.1	29.2	−44.8	53.5	303	0.55	0.0	1.0
336	304	303	0.566	0.0	1.0	38.7	57.1	−24.6	62.2	336	0.102	0.0	1.0	27.3	29.9	−44.3	53.6	304	0.567	0.0	1.0	0.101	0.0	1.0	27.3	29.9	−44.3	53.6	303	0.567	0.0	1.0
337	305	304	0.583	0.0	1.0	39.1	57.8	−23.9	62.6	337	0.114	0.0	1.0	27.6	30.8	−43.8	53.6	305	0.583	0.0	1.0	0.113	0.0	1.0	27.6	30.7	−43.9	53.6	304	0.583	0.0	1.0
338	306	305	0.6	0.0	1.0	39.6	58.6	−23.2	63.0	338	0.127	0.0	1.0	27.9	31.5	−43.3	53.7	306	0.6	0.0	1.0	0.124	0.0	1.0	27.9	31.4	−43.4	53.7	305	0.6	0.0	1.0
339	307	306	0.616	0.0	1.0	40.0	59.4	−22.5	63.5	339	0.148	0.0	1.0	28.3	32.4	−42.8	53.8	307	0.617	0.0	1.0	0.144	0.0	1.0	28.2	32.2	−42.9	53.7	306	0.617	0.0	1.0
340	308	307	0.633	0.0	1.0	40.4	60.2	−21.7	64.0	340	0.17	0.0	1.0	28.6	33.2	−42.3	53.8	308	0.633	0.0	1.0	0.165	0.0	1.0	28.5	33.0	−42.5	53.8	307	0.633	0.0	1.0
341	309	308	0.65	0.0	1.0	40.8	61.2	−20.9	64.7	341	0.191	0.0	1.0	29.0	33.9	−41.8	53.9	309	0.65	0.0	1.0	0.185	0.0	1.0	28.9	33.7	−42.0	53.9	308	0.65	0.0	1.0
342	310	309	0.666	0.0	1.0	41.2	62.1	−20.1	65.3	342	0.213	0.0	1.0	29.3	34.7	−41.3	54.0	310	0.667	0.0	1.0	0.205	0.0	1.0	29.2	34.5	−41.5	54.0	309	0.667	0.0	1.0
342	311	310	0.683	0.0	1.0	41.6	63.1	−19.3	66.0	342	0.234	0.0	1.0	29.7	35.5	−40.7	54.1	311	0.683	0.0	1.0	0.225	0.0	1.0	29.6	35.2	−41.0	54.1	310	0.683	0.0	1.0
343	312	311	0.7	0.0	1.0	42.1	64.0	−18.4	66.6	343	0.252	0.0	1.0	30.0	36.3	−40.2	54.2	312	0.7	0.0	1.0	0.246	0.0	1.0	29.9	35.9	−40.4	54.2	311	0.7	0.0	1.0
344	313	312	0.716	0.0	1.0	42.5	64.9	−17.5	67.3	344	0.261	0.0	1.0	30.3	37.2	−39.7	54.5	313	0.717	0.0	1.0	0.257	0.0	1.0	30.2	36.7	−40.0	54.4	312	0.717	0.0	1.0
345	314	313	0.733	0.0	1.0	42.9	65.8	−16.6	67.9	345	0.27	0.0	1.0	30.6	38.0	−39.3	54.7	314	0.733	0.0	1.0	0.265	0.0	1.0	30.4	37.5	−39.5	54.6	313	0.733	0.0	1.0
346	315	314	0.75	0.0	1.0	43.3	66.7	−15.7	68.5	346	0.279	0.0	1.0	30.8	38.9	−38.8	55.0	315	0.75	0.0	1.0	0.273	0.0	1.0	30.7	38.3	−39.1	54.8	314	0.75	0.0	1.0
347	316	315	0.766	0.0	1.0	43.6	67.3	−15.2	69.0	347	0.287	0.0	1.0	31.1	39.7	−38.2	55.2	316	0.767	0.0	1.0	0.282	0.0	1.0	30.9	39.1	−38.6	55.0	315	0.767	0.0	1.0
347	317	316	0.783	0.0	1.0	44.0	67.8	−14.7	69.4	347	0.296	0.0	1.0	31.4	40.5	−37.7	55.4	317	0.783	0.0	1.0	0.29	0.0	1.0	31.2	39.9	−38.1	55.3	316	0.783	0.0	1.0
348	318	317	0.8	0.0	1.0	44.3	68.3	−14.2	69.8	348	0.305	0.0	1.0	31.7	41.4	−37.2	55.7	318	0.8	0.0	1.0	0.298	0.0	1.0	31.4	40.7	−37.6	55.5	317	0.8	0.0	1.0
348	319	318	0.816	0.0	1.0	44.7	68.8	−13.7	70.2	348	0.314	0.0	1.0	31.9	42.2	−36.6	55.9	319	0.817	0.0	1.0	0.307	0.0	1.0	31.7	41.5	−37.1	55.7	318	0.817	0.0	1.0
349	320	319	0.833	0.0	1.0	45.0	69.4	−13.2	70.6	349	0.323	0.0	1.0	32.2	43.0	−36.0	56.2	320	0.833	0.0	1.0	0.315	0.0	1.0	32.0	42.3	−36.5	55.9	319	0.833	0.0	1.0
349	321	320	0.85	0.0	1.0	45.4	69.9	−12.7	71.0	349	0.331	0.0	1.0	32.5	43.8	−35.4	56.4	321	0.85	0.0	1.0	0.323	0.0	1.0	32.2	43.1	−36.0	56.2	320	0.85	0.0	1.0
350	322	321	0.866	0.0	1.0	45.7	70.4	−12.2	71.5	350	0.34	0.0	1.0	32.7	44.6	−34.8	56.6	322	0.867	0.0	1.0	0.332	0.0	1.0	32.5	43.9	−35.4	56.4	321	0.867	0.0	1.0
350	323	321	0.883	0.0	1.0	46.0	70.9	−11.8	71.9	350	0.349	0.0	1.0	33.0	45.4	−34.1	56.9	323	0.883	0.0	1.0	0.34	0.0	1.0	32.7	44.6	−34.8	56.6	321	0.883	0.0	1.0
350	324	322	0.9	0.0	1.0	46.3	71.4	−11.3	72.3	350	0.358	0.0	1.0	33.3	46.2	−33.5	57.1	324	0.9	0.0	1.0	0.348	0.0	1.0	33.0	45.4	−34.2	56.9	322	0.9	0.0	1.0
351	325	323	0.916	0.0	1.0	46.7	71.8	−10.9	72.7	351	0.366	0.0	1.0	33.5	47.0	−32.8	57.4	325	0.917	0.0	1.0	0.357	0.0	1.0	33.2	46.1	−33.6	57.1	323	0.917	0.0	1.0
351	326	324	0.933	0.0	1.0	47.0	72.3	−10.5	73.1	351	0.375	0.0	1.0	33.8	47.8	−32.1	57.6	326	0.933	0.0	1.0	0.365	0.0	1.0	33.5	46.8	−32.9	57.3	324	0.933	0.0	1.0
352	327	325	0.95	0.0	1.0	47.3	72.8	−10.1	73.5	352	0.393	0.0	1.0	34.3	48.6	−31.5	58.0	327	0.95	0.0	1.0	0.373	0.0	1.0	33.7	47.6	−32.3	57.5	325	0.95	0.0	1.0
352	328	326	0.966	0.0	1.0	47.6	73.2	−9.6	73.9	352	0.41	0.0	1.0	34.7	49.5	−30.8	58.4	328	0.967	0.0	1.0	0.388	0.0	1.0	34.1	48.4	−31.7	57.9	326	0.967	0.0	1.0
352	329	327	0.983	0.0	1.0	47.9	73.7	−9.2	74.3	352	0.427	0.0	1.0	35.2	50.4	−30.2	58.8	329	0.983	0.0	1.0	0.404	0.0	1.0	34.6	49.2	−31.1	58.2	327	0.983	0.0	1.0
353	330	328	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353	M_d 0.444	0.0	1.0	35.6	51.2	−29.5	59.1	330	M_s 1.0	0.0	1.0	0.42	0.0	1.0	35.0	50.0	−30.4	58.6	328	M_e 1.0	0.0	1.0
353	331	329	1.0	0.0	0.983	48.2	74.0	−8.2	74.5	353	0.461	0.0	1.0	36.1	52.1	−28.8	59.5	331	1.0	0.0	0.983	0.436	0.0	1.0	35.4	50.8	−29.8	59.0	329	1.0	0.0	0.983
354	332	330	1.0	0.0	0.966	48.2	73.9	−7.7	74.3	354	0.478	0.0	1.0	36.5	52.9	−28.0	59.9	332	1.0	0.0	0.967	0.452	0.0	1.0	35.8	51.7	−29.1	59.3	330	1.0	0.0	0.967
354	333	331	1.0	0.0	0.95	48.2	73.8	−7.2	74.1	354	0.495	0.0	1.0	37.0	53.7	−27.3	60.3	333	1.0	0.0	0.95	0.469	0.0	1.0	36.3	52.4	−28.4	59.7	331	1.0	0.0	0.95
354	334	332	1.0	0.0	0.933	48.2	73.6	−6.7	73.9	354	0.514	0.0	1.0	37.4	54.6	−26.5	60.8	334	1.0	0.0	0.933	0.485	0.0	1.0	36.7	53.2	−27.7	60.1	332	1.0	0.0	0.933
355	335	333	1.0	0.0	0.916	48.2	73.5	−6.2	73.8	355	0.534	0.0	1.0	37.9	55.6	−25.8	61.3	335	1.0	0.0	0.917	0.501	0.0	1.0	37.1	54.0	−27.0	60.4	333	1.0	0.0	0.917
355	336	334	1.0	0.0	0.9	48.2	73.3	−5.6	73.6	355	0.553	0.0	1.0	38.4	56.5	−25.1	61.8	336	1.0	0.0	0.9	0.52	0.0	1.0	37.6	54.9	−26.3	60.9	334	1.0	0.0	0.9
355	337	335	1.0	0.0	0.883	48.2	73.2	−5.1	73.4	355	0.573	0.0	1.0	38.9	57.4	−24.3	62.4	337	1.0	0.0	0.883	0.538	0.0	1.0	38.1	55.8	−25.6	61.4	335	1.0	0.0	0.883
356	338	336	1.0	0.0	0.866	48.2	73.1	−4.6	73.2	356	0.592	0.0	1.0	39.4	58.3	−23.5	62.9	338	1.0	0.0	0.867	0.557	0.0	1.0	38.5	56.7	−24.9	61.9	336	1.0	0.0	0.867
356	339	337	1.0	0.0	0.85	48.1	72.9	−4.0	73.0	356	0.612	0.0	1.0	39.9	59.2	−22.6	63.4	339	1.0	0.0	0.85	0.575	0.0	1.0	39.0	57.5	−24.2	62.4	337	1.0	0.0	0.85
357	340	338	1.0	0.0	0.833	48.1	72.8	−3.5	72.9	357	0.631	0.0	1.0	40.4	60.1	−21.8	64.0	340	1.0	0.0	0.833	0.594	0.0	1.0	39.5	58.4	−23.4	62.9	338	1.0	0.0	0.833
357	341	339	1.0	0.0	0.816	48.1	72.7	−2.9	72.7	357	0.648	0.0	1.0	40.8	61.1	−21.0	64.7	341	1.0	0.0	0.817	0.613	0.0	1.0	39.9	59.2	−22.6	63.4	339	1.0	0.0	0.817
358	342	339	1.0	0.0	0.8	48.1	72.5	−2.4	72.5	358	0.666	0.0	1.0	41.3	62.2	−20.1	65.4	342	1.0	0.0	0.8	0.631	0.0	1.0	40.4	60.1	−21.8	64.0	339	1.0	0.0	0.8
358	343	340	1.0	0.0	0.783	48.1	72.4	−1.8	72.4	358	0.684	0.0	1.0	41.7	63.2	−19.2	66.0	343	1.0	0.0	0.783	0.647	0.0	1.0	40.8	61.1	−21.0	64.6	340	1.0	0.0	0.783
358	344	341	1.0	0.0	0.766	48.1	72.2	−1.3	72.2	358	0.701	0.0	1.0	42.1	64.1	−18.3	66.7	344	1.0	0.0	0.767	0.664	0.0	1.0	41.2	62.0	−20.2	65.3	341	1.0	0.0	0.767
359	345	342	1.0	0.0	0.75	48.1	72.1	−0.7	72.1	359	0.719	0.0	1.0	42.6	65.1	−17.3	67.4	345	1.0	0.0	0.75	0.681	0.0	1.0	41.6	63.0	−19.4	65.9	342	1.0	0.0	0.75

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

TUB-test chart SE04; 16 hues, offset standard paper APCO input: *rgb/cmyk −> rgb*$_{dd}$
48 step hue circles; *rgb−LabCh**tables, 3D=1, de=0, *cmyk** output: 3D-linearization to *cmyk**$_{dd}$

Data of Maximum color M in colorimetric system Offset standard print; separation cmyn6*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *RYGCBM*$_d$: $h_{ab,d}$ = 30.4, 96.1, 161.6, 234.7, 295.7, 353.2; Six hue angles of the elementary colours *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)						*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
359	345	342	1.0	0.0	0.75	48.1	72.1	−0.7	72.1	359		0.719	0.0	1.0	42.6	65.1	−17.3	67.4	345		1.0	0.0	0.75	0.681	0.0	1.0	41.6	63.0	−19.4	65.9	342		1.0	0.0	0.75			
359	346	343	1.0	0.0	0.733	48.1	71.9	0.0	71.9	359		0.737	0.0	1.0	43.0	66.1	−16.4	68.1	346		1.0	0.0	0.733	0.697	0.0	1.0	42.0	63.9	−18.5	66.6	343		1.0	0.0	0.733			
360	347	344	1.0	0.0	0.716	48.1	71.7	0.7	71.7	360		0.759	0.0	1.0	43.5	67.0	−15.4	68.8	347		1.0	0.0	0.717	0.714	0.0	1.0	42.5	64.8	−17.6	67.2	344		1.0	0.0	0.717			
361	348	345	1.0	0.0	0.7	48.1	71.6	1.5	71.6	361		0.793	0.0	1.0	44.2	68.2	−14.4	69.7	348		1.0	0.0	0.7	0.731	0.0	1.0	42.9	65.7	−16.7	67.9	345		1.0	0.0	0.7			
361	349	346	1.0	0.0	0.683	48.1	71.4	2.3	71.4	361		0.828	0.0	1.0	45.0	69.2	−13.4	70.5	349		1.0	0.0	0.683	0.748	0.0	1.0	43.3	66.6	−15.8	68.5	346		1.0	0.0	0.683			
362	350	347	1.0	0.0	0.666	48.1	71.2	3.0	71.3	362		0.863	0.0	1.0	45.7	70.3	−12.3	71.4	350		1.0	0.0	0.667	0.778	0.0	1.0	43.9	67.7	−14.8	69.3	347		1.0	0.0	0.667			
363	351	348	1.0	0.0	0.65	48.0	71.0	3.8	71.1	363		0.903	0.0	1.0	46.4	71.5	−11.2	72.4	351		1.0	0.0	0.65	0.811	0.0	1.0	44.6	68.7	−13.9	70.1	348		1.0	0.0	0.65			
363	352	349	1.0	0.0	0.633	48.0	70.8	4.5	71.0	363		0.946	0.0	1.0	47.3	72.7	−10.1	73.4	352		1.0	0.0	0.633	0.844	0.0	1.0	45.3	69.7	−12.9	70.9	349		1.0	0.0	0.633			
364	353	350	1.0	0.0	0.616	48.0	70.7	5.3	70.9	364		0.99	0.0	1.0	48.1	73.9	−9.0	74.5	353		1.0	0.0	0.617	0.877	0.0	1.0	46.0	70.8	−11.9	71.8	350		1.0	0.0	0.617			
365	354	351	1.0	0.0	0.6	48.0	70.5	6.2	70.8	365		1.0	0.0	0.967	48.2	74.0	−7.7	74.4	354		1.0	0.0	0.6	0.918	0.0	1.0	46.7	71.9	−10.8	72.8	351		1.0	0.0	0.6			
365	355	352	1.0	0.0	0.583	48.0	70.4	7.1	70.8	365		1.0	0.0	0.924	48.2	73.6	−6.3	73.9	355		1.0	0.0	0.583	0.959	0.0	1.0	47.5	73.1	−9.8	73.8	352		1.0	0.0	0.583			
366	356	353	1.0	0.0	0.566	47.9	70.3	7.9	70.7	366		1.0	0.0	0.881	48.2	73.2	−5.0	73.4	356		1.0	0.0	0.567	1.0	0.0	0.999	48.2	74.2	−8.7	74.7	353		1.0	0.0	0.567			
367	357	354	1.0	0.0	0.55	47.9	70.1	8.8	70.7	367		1.0	0.0	0.842	48.2	72.9	−3.7	73.0	357		1.0	0.0	0.55	1.0	0.0	0.959	48.2	73.9	−7.4	74.3	354		1.0	0.0	0.55			
367	358	355	1.0	0.0	0.533	47.9	70.0	9.6	70.7	367		1.0	0.0	0.803	48.2	72.6	−2.4	72.6	358		1.0	0.0	0.533	1.0	0.0	0.918	48.2	73.6	−6.1	73.8	355		1.0	0.0	0.533			
368	359	356	1.0	0.0	0.516	47.8	69.8	10.5	70.6	368		1.0	0.0	0.765	48.1	72.2	−1.2	72.2	359		1.0	0.0	0.517	1.0	0.0	0.877	48.2	73.2	−4.9	73.4	356		1.0	0.0	0.517			
369	360	352	1.0	0.0	0.5	47.8	69.7	11.3	70.6	369		1.0	0.0	0.733	48.1	71.9	0.0	71.9	360		1.0	0.0	0.5	0.949	0.0	1.0	47.3	72.8	−10.1	73.5	352		1.0	0.0	0.5			
370	361	353	1.0	0.0	0.483	47.8	69.5	12.3	70.6	370		1.0	0.0	0.706	48.1	71.7	1.3	71.7	361		1.0	0.0	0.483	0.997	0.0	1.0	48.2	74.1	−8.8	74.7	353		1.0	0.0	0.483			
370	362	354	1.0	0.0	0.466	47.8	69.3	13.2	70.6	370		1.0	0.0	0.679	48.1	71.4	2.5	71.4	362		1.0	0.0	0.467	1.0	0.0	0.955	48.2	73.9	−7.3	74.2	354		1.0	0.0	0.467			
371	363	355	1.0	0.0	0.45	47.8	69.1	14.1	70.6	371		1.0	0.0	0.652	48.1	71.1	3.7	71.2	363		1.0	0.0	0.45	1.0	0.0	0.907	48.2	73.5	−5.8	73.7	355		1.0	0.0	0.45			
372	364	356	1.0	0.0	0.433	47.8	69.0	15.0	70.6	372		1.0	0.0	0.625	48.1	70.8	4.9	70.9	364		1.0	0.0	0.433	1.0	0.0	0.86	48.2	73.1	−4.3	73.2	356		1.0	0.0	0.433			
373	365	357	1.0	0.0	0.416	47.8	68.8	16.0	70.6	373		1.0	0.0	0.602	48.0	70.6	6.2	70.9	365		1.0	0.0	0.417	1.0	0.0	0.817	48.2	72.7	−2.9	72.8	357		1.0	0.0	0.417			
373	366	358	1.0	0.0	0.4	47.8	68.5	16.9	70.6	373		1.0	0.0	0.578	48.0	70.4	7.4	70.8	366		1.0	0.0	0.4	1.0	0.0	0.774	48.2	72.3	−1.5	72.3	358		1.0	0.0	0.4			
374	367	359	1.0	0.0	0.383	47.8	68.3	17.8	70.6	374		1.0	0.0	0.554	47.9	70.2	8.6	70.8	367		1.0	0.0	0.383	1.0	0.0	0.737	48.1	72.0	−0.1	72.0	359		1.0	0.0	0.383			
375	368	360	1.0	0.0	0.366	47.8	68.1	18.7	70.7	375		1.0	0.0	0.53	47.9	70.0	9.8	70.7	368		1.0	0.0	0.367	1.0	0.0	0.707	48.1	71.7	1.2	71.7	360		1.0	0.0	0.367			
376	369	362	1.0	0.0	0.35	47.8	68.0	19.7	70.8	376		1.0	0.0	0.506	47.8	69.8	11.1	70.6	369		1.0	0.0	0.35	1.0	0.0	0.677	48.1	71.4	2.6	71.4	362		1.0	0.0	0.35			
376	370	363	1.0	0.0	0.333	47.8	67.9	20.7	70.9	376		1.0	0.0	0.484	47.8	69.6	12.3	70.6	370		1.0	0.0	0.333	1.0	0.0	0.647	48.1	71.0	4.0	71.1	363		1.0	0.0	0.333			
377	371	364	1.0	0.0	0.316	47.8	67.7	21.6	71.1	377		1.0	0.0	0.462	47.9	69.3	13.5	70.6	371		1.0	0.0	0.317	1.0	0.0	0.618	48.1	70.7	5.3	70.9	364		1.0	0.0	0.317			
378	372	365	1.0	0.0	0.3	47.8	67.5	22.6	71.2	378		1.0	0.0	0.441	47.9	69.1	14.7	70.6	372		1.0	0.0	0.3	1.0	0.0	0.591	48.0	70.5	6.7	70.8	365		1.0	0.0	0.3			
379	373	366	1.0	0.0	0.283	47.8	67.4	23.5	71.4	379		1.0	0.0	0.419	47.9	68.8	15.9	70.6	373		1.0	0.0	0.283	1.0	0.0	0.565	48.0	70.3	8.1	70.8	366		1.0	0.0	0.283			
380	374	367	1.0	0.0	0.266	47.8	67.2	24.5	71.5	380		1.0	0.0	0.397	47.9	68.5	17.1	70.6	374		1.0	0.0	0.267	1.0	0.0	0.538	47.9	70.1	9.4	70.7	367		1.0	0.0	0.267			
380	375	368	1.0	0.0	0.25	47.8	67.0	25.4	71.7	380		1.0	0.0	0.376	47.9	68.2	18.3	70.6	375		1.0	0.0	0.25	1.0	0.0	0.512	47.9	69.8	10.8	70.7	368		1.0	0.0	0.25			
381	376	369	1.0	0.0	0.233	47.8	66.9	26.3	71.9	381		1.0	0.0	0.354	47.9	68.1	19.5	70.8	376		1.0	0.0	0.233	1.0	0.0	0.487	47.8	69.6	12.1	70.6	369		1.0	0.0	0.233			
382	377	370	1.0	0.0	0.216	47.7	66.8	27.2	72.2	382		1.0	0.0	0.332	47.9	67.9	20.8	71.0	377		1.0	0.0	0.217	1.0	0.0	0.462	47.9	69.3	13.5	70.6	370		1.0	0.0	0.217			
382	378	372	1.0	0.0	0.2	47.7	66.8	28.0	72.4	382		1.0	0.0	0.311	47.9	67.7	22.0	71.2	378		1.0	0.0	0.2	1.0	0.0	0.438	47.9	69.1	14.8	70.6	372		1.0	0.0	0.2			
383	379	373	1.0	0.0	0.183	47.7	66.7	28.9	72.7	383		1.0	0.0	0.289	47.9	67.5	23.2	71.4	379		1.0	0.0	0.183	1.0	0.0	0.414	47.9	68.8	16.2	70.6	373		1.0	0.0	0.183			
384	380	374	1.0	0.0	0.166	47.7	66.6	29.7	72.9	384		1.0	0.0	0.268	47.8	67.2	24.5	71.6	380		1.0	0.0	0.167	1.0	0.0	0.39	47.9	68.4	17.5	70.6	374		1.0	0.0	0.167			
384	381	375	1.0	0.0	0.15	47.6	66.4	30.6	73.2	384		1.0	0.0	0.245	47.8	67.0	25.7	71.8	381		1.0	0.0	0.15	1.0	0.0	0.366	47.9	68.2	18.8	70.7	375		1.0	0.0	0.15			
385	382	376	1.0	0.0	0.133	47.6	66.3	31.5	73.4	385		1.0	0.0	0.22	47.8	66.9	27.0	72.2	382		1.0	0.0	0.133	1.0	0.0	0.342	47.9	68.0	20.2	70.9	376		1.0	0.0	0.133			
386	383	377	1.0	0.0	0.116	47.6	66.2	32.3	73.7	386		1.0	0.0	0.195	47.8	66.8	28.3	72.5	383		1.0	0.0	0.117	1.0	0.0	0.318	47.9	67.8	21.6	71.1	377		1.0	0.0	0.117			
386	384	378	1.0	0.0	0.1	47.6	66.2	33.2	74.0	386		1.0	0.0	0.169	47.7	66.6	29.7	72.9	384		1.0	0.0	0.1	1.0	0.0	0.294	47.9	67.5	23.0	71.3	378		1.0	0.0	0.1			
387	385	379	1.0	0.0	0.083	47.6	66.1	34.1	74.4	387		1.0	0.0	0.144	47.7	66.4	31.0	73.3	385		1.0	0.0	0.083	1.0	0.0	0.27	47.8	67.3	24.4	71.5	379		1.0	0.0	0.083			
387	386	381	1.0	0.0	0.066	47.5	66.0	34.9	74.7	387		1.0	0.0	0.118	47.7	66.3	32.3	73.7	386		1.0	0.0	0.067	1.0	0.0	0.245	47.8	67.0	25.8	71.8	381		1.0	0.0	0.067			
388	387	382	1.0	0.0	0.049	47.5	65.9	35.8	75.0	388		1.0	0.0	0.091	47.6	66.2	33.7	74.3	387		1.0	0.0	0.05	1.0	0.0	0.217	47.8	66.9	27.2	72.2	382		1.0	0.0	0.05			
389	388	383	1.0	0.0	0.033	47.5	65.8	36.7	75.3	389		1.0	0.0	0.064	47.6	66.0	35.1	74.8	388		1.0	0.0	0.033	1.0	0.0	0.188	47.8	66.7	28.7	72.6	383		1.0	0.0	0.033			
389	389	384	1.0	0.0	0.016	47.5	65.7	37.6	75.7	389		1.0	0.0	0.038	47.6	65.9	36.5	75.3	389		1.0	0.0	0.017	1.0	0.0	0.16	47.7	66.6	30.1	73.1	384		1.0	0.0	0.017			
390	390	385	1.0	0.0	0.0	47.5	65.5	38.4	76.0	390	R_d	1.0	0.0	0.011	47.5	65.7	37.9	75.8	390	R_s	1.0	0.0	0.0	1.0	0.0	0.131	47.7	66.3	31.6	73.5	385	R_e	1.0	0.0	0.0			

http://130.149.60.45/~farbmetrik/SE04/SE04L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE04/SE04LE30FA.DAT in file (F), page 18/33

n/j	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
0/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
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	51.2	57.2	42.8	71.5	36.8	0.0	0.882	1.0	0.0	36	1.0	0.116	0.0	51.2	57.2	42.8	71.5	36.8
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	55.9	47.3	48.7	67.9	45.8	0.0	0.765	1.0	0.0	42	1.0	0.233	0.0	55.9	47.3	48.7	67.9	45.8
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	62.0	35.2	56.0	66.2	57.8	0.0	0.631	1.0	0.0	51	1.0	0.366	0.0	62.0	35.2	56.0	66.2	57.8
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	68.1	24.0	63.0	67.4	69.1	0.0	0.5	1.0	0.0	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
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	75.3	11.6	72.0	72.9	80.8	0.0	0.368	1.0	0.0	68	1.0	0.633	0.0	75.3	11.6	72.0	72.9	80.8
6/702	R75Y_100_100$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	81.2	2.5	78.8	78.9	88.1	0.0	0.234	1.0	0.0	77	1.0	0.766	0.0	81.2	2.5	78.8	78.9	88.1
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	85.6	−4.1	84.3	84.4	92.8	0.0	0.117	0.999	0.0	83	1.0	0.883	0.0	85.6	−4.1	84.3	84.4	92.8
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	89.4	−9.5	89.0	89.6	96.0	0.0	0.0	1.0	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
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	86.9	−13.6	83.1	84.2	99.3	0.117	0.0	1.0	0.0	96	0.883	1.0	0.0	86.9	−13.6	83.1	84.2	99.3
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	84.1	−17.3	77.9	79.8	102.5	0.234	0.0	1.0	0.0	102	0.766	1.0	0.0	84.1	−17.3	77.9	79.8	102.5
11/477	Y38G_100_100$_{dd}$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	78.3	−22.8	71.7	75.2	107.6	0.368	0.0	1.0	0.0	111	0.633	1.0	0.0	78.3	−22.8	71.7	75.2	107.6
12/396	Y50G_100_100$_{dd}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4	0.5	0.0	1.0	0.0	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
13/315	Y63G_100_100$_{dd}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	68.3	−37.3	52.3	64.3	125.4	0.632	0.0	1.0	0.0	128	0.366	1.0	0.0	68.3	−37.3	52.3	64.3	125.4
14/234	Y75G_100_100$_{dd}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	60.3	−48.7	41.3	63.9	139.7	0.765	0.0	1.0	0.0	137	0.233	1.0	0.0	60.3	−48.7	41.3	63.9	139.7
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	56.3	−57.0	32.8	65.8	150.0	0.882	0.0	1.0	0.0	143	0.116	1.0	0.0	56.3	−57.0	32.8	65.8	150.0
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	51.6	−69.3	23.0	73.1	161.6	0.999	0.0	1.0	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
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	52.3	−66.3	14.2	67.9	167.8	1.0	0.0	0.882	0.0	156	0.0	1.0	0.116	52.3	−66.3	14.2	67.9	167.8
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	52.9	−62.5	5.2	62.7	175.2	1.0	0.0	0.764	0.0	162	0.0	1.0	0.233	52.9	−62.5	5.2	62.7	175.2
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	53.8	−56.9	−6.1	57.3	186.2	1.0	0.0	0.631	0.0	171	0.0	1.0	0.366	53.8	−56.9	−6.1	57.3	186.2
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	54.6	−50.8	−17.3	53.7	198.8	1.0	0.0	0.498	0.0	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8
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	55.5	−45.4	−26.5	52.6	210.2	1.0	0.0	0.368	0.0	188	0.0	1.0	0.633	55.5	−45.4	−26.5	52.6	210.2
22/78	G75C_100_100$_{dd}$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	56.7	−39.6	−34.5	52.5	221.1	1.0	0.0	0.233	0.0	197	0.0	1.0	0.766	56.7	−39.6	−34.5	52.5	221.1
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	57.3	−35.8	−40.0	53.7	228.1	1.0	0.0	0.116	0.0	203	0.0	1.0	0.883	57.3	−35.8	−40.0	53.7	228.1
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	57.8	−31.9	−45.1	55.3	234.6	0.999	0.0	0.0	0.0	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
25/71	C13B_100_100$_{dd}$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	55.1	−27.8	−45.3	53.2	238.4	0.999	0.116	0.0	0.0	216	0.0	0.883	1.0	55.1	−27.8	−45.3	53.2	238.4
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	51.8	−22.8	−45.6	51.0	243.3	0.999	0.234	0.0	0.001	222	0.0	0.766	1.0	51.8	−22.8	−45.6	51.0	243.3
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	47.5	−16.4	−45.9	48.8	250.3	0.999	0.367	0.0	0.0	231	0.0	0.633	1.0	47.5	−16.4	−45.9	48.8	250.3
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	42.3	−7.7	−46.3	46.9	260.4	0.999	0.498	0.0	0.0	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4
29/35	C63B_100_100$_{dd}$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	37.0	0.8	−46.5	46.5	271.0	1.0	0.631	0.0	0.0	248	0.0	0.366	1.0	37.0	0.8	−46.5	46.5	271.0
30/26	C75B_100_100$_{dd}$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	32.1	9.5	−47.2	48.1	281.4	1.0	0.765	0.0	0.0	257	0.0	0.233	1.0	32.1	9.5	−47.2	48.1	281.4
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	27.8	17.1	−47.6	50.6	289.8	1.0	0.882	0.0	0.0	263	0.0	0.116	1.0	27.8	17.1	−47.6	50.6	289.8
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	24.9	22.9	−47.8	53.0	295.6	1.0	1.0	0.0	0.0	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
33/89	B13M_100_100$_{dd}$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	27.6	30.9	−43.8	53.6	305.2	0.883	0.999	0.0	0.0	276	0.116	0.0	1.0	27.6	30.9	−43.8	53.6	305.2
34/170	B25M_100_100$_{dd}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	29.6	35.4	−40.8	54.1	310.9	0.765	1.0	0.0	0.0	282	0.233	0.0	1.0	29.6	35.4	−40.8	54.1	310.9
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	33.5	47.0	−32.8	57.3	325.0	0.631	1.0	0.0	0.0	291	0.366	0.0	1.0	33.5	47.0	−32.8	57.3	325.0
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	37.0	53.9	−27.1	60.4	333.2	0.5	1.0	0.0	0.0	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
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	40.4	60.2	−21.7	64.0	340.1	0.367	1.0	0.0	0.0	308	0.633	0.0	1.0	40.4	60.2	−21.7	64.0	340.1
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	43.6	67.3	−15.2	69.0	347.2	0.234	0.999	0.0	0.0	317	0.766	0.0	1.0	43.6	67.3	−15.2	69.0	347.2
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	70.9	−11.8	71.9	350.5	0.117	1.0	0.0	0.0	323	0.883	0.0	1.0	46.0	70.9	−11.8	71.9	350.5
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	48.2	74.2	−8.7	74.7	353.2	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
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	48.2	73.2	−5.1	73.4	355.9	0.0	1.0	0.117	0.0	336	1.0	0.0	0.883	48.2	73.2	−5.1	73.4	355.9
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	48.1	72.2	−1.3	72.2	358.9	0.0	1.0	0.234	0.0	342	1.0	0.0	0.766	48.1	72.2	−1.3	72.2	358.9
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	48.0	70.8	4.5	71.0	3.7	0.0	1.0	0.368	0.0	351	1.0	0.0	0.633	48.0	70.8	4.5	71.0	3.7
44/652	M50R_100_100$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2	0.0	1.0	0.5	0.0	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
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	47.8	68.1	18.7	70.7	15.4	0.0	1.0	0.631	0.0	368	1.0	0.0	0.366	47.8	68.1	18.7	70.7	15.4
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	47.8	66.9	26.3	71.9	21.4	0.0	1.0	0.765	0.0	377	1.0	0.0	0.233	47.8	66.9	26.3	71.9	21.4
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	47.6	66.2	32.3	73.7	26.0	0.0	1.0	0.882	0.0	383	1.0	0.0	0.116	47.6	66.2	32.3	73.7	26.0
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	47.5	65.5	38.4	76.0	30.4	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
49/0	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	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	28.2	0.0	0.0	0.0	0.0	0.0	0.011	0.1	0.901	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	37.9	0.0	0.0	0.0	0.0	0.0	0.003	0.053	0.81	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	47.7	0.0	0.0	0.0	0.0	0.0	0.016	0.067	0.714	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	57.4	0.0	0.0	0.0	0.0	0.0	0.033	0.072	0.612	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	67.1	0.0	0.0	0.0	0.0	0.0	0.014	0.045	0.469	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	76.9	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.333	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	86.6	0.0	0.0	0.0	0.0	0.014	0.0	0.008	0.18	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	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**

TUB registration: 20130201-SE04/SE04L0FA.TXT /.PS
application for measurement of offset print output, separationcmyn6* (CMYK)
TUB material: code=rha4ta

TUB-test chart SE04; 16 hues, offset standard paper APCO
colors and differences, Δ*E'**, 3D=1, de=0, *cmyk**

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

1−1031730−F0

http://130.149.60.45/~farbmetrik/SE04/SE04L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE04/SE04LE30FA.DAT in file (F), page 19/33

n/j	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					cmyn*sep,Fdd				hsiM,dd	rgb*Mdd			LabCh*Mdd				
0/648	R00Y_100_100dd	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
1/666	R25Y_100_100dd	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	55.9	47.3	48.7	67.9	45.8	0.0	0.765	1.0	0.0	42	1.0	0.233	0.0	55.9	47.3	48.7	67.9	45.8
2/684	R50Y_100_100dd	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1	0.0	0.5	1.0	0.0	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
3/702	R75Y_100_100dd	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	81.2	2.5	78.8	78.9	88.1	0.0	0.234	1.0	0.0	77	1.0	0.766	0.0	81.2	2.5	78.8	78.9	88.1
4/720	Y00G_100_100dd	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0	0.0	0.0	1.0	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
5/558	Y25G_100_100dd	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	84.1	−17.3	77.9	79.8	102.5	0.234	0.0	1.0	0.0	102	0.766	1.0	0.0	84.1	−17.3	77.9	79.8	102.5
6/396	Y50G_100_100dd	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4	0.5	0.0	1.0	0.0	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
7/234	Y75G_100_100dd	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	60.3	−48.7	41.3	63.9	139.7	0.765	0.0	1.0	0.0	137	0.233	1.0	0.0	60.3	−48.7	41.3	63.9	139.7
8/72	G00B_100_100dd	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6	0.999	0.0	1.0	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
9/72	G00B_100_100dd	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6	0.999	0.0	1.0	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
10/76	G25B_100_100dd	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8	1.0	0.0	0.498	0.0	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8
11/80	G50B_100_100dd	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6	0.999	0.0	0.0	0.0	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
12/44	G75B_100_100dd	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4	0.999	0.498	0.0	0.0	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4
13/8	B00M_100_100dd	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6	1.0	1.0	0.0	0.0	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
14/332	B25R_100_100dd	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2	0.5	1.0	0.0	0.0	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
15/656	B50R_100_100dd	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
16/652	B75R_100_100dd	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2	0.0	1.0	0.5	0.0	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
17/648	R00Y_100_100dd	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
18/688	R00Y_100_050dd	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.9	32.7	19.2	38.0	30.4	0.0	0.498	0.498	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
19/706	R50Y_100_050dd	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	82.2	12.0	31.5	33.7	69.1	0.0	0.251	0.498	0.0	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
20/724	Y00G_100_050dd	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	92.8	−4.7	44.5	44.8	96.0	0.0	0.012	0.569	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
21/562	Y50G_100_050dd	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	84.7	−15.1	30.4	33.9	116.4	0.277	0.0	0.566	0.002	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
22/400	G00B_100_050dd	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	74.0	−34.6	11.5	36.5	161.6	0.623	0.0	0.623	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
23/404	G50B_100_050dd	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	77.1	−15.9	−22.5	27.6	234.6	0.583	0.0	0.005	0.0	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
24/368	B00R_100_050dd	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	60.6	11.4	−23.9	26.5	295.6	0.51	0.456	0.0	0.021	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
25/692	B50R_100_050dd	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	72.3	37.1	−4.3	37.3	353.2	0.0	0.544	0.022	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
26/688	R00Y_100_050dd	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.9	32.7	19.2	38.0	30.4	0.0	0.498	0.498	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
27/506	R00Y_075_050dd	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	52.4	32.7	19.2	38.0	30.4	0.0	0.676	0.604	0.268	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
28/524	R50Y_075_050dd	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	62.7	12.0	31.5	33.7	69.1	0.0	0.39	0.686	0.293	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
29/542	Y00G_075_050dd	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	73.4	−4.7	44.5	44.8	96.0	0.0	0.088	0.739	0.294	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
30/380	Y50G_075_050dd	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	65.3	−15.1	30.4	33.9	116.4	0.313	0.0	0.692	0.35	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
31/218	G00B_075_050dd	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	54.5	−34.6	11.5	36.5	161.6	0.757	0.0	0.679	0.259	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
32/222	G50B_075_050dd	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	57.6	−15.9	−22.5	27.6	234.6	0.668	0.0	0.0	0.343	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
33/186	B00R_075_050dd	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	41.2	11.4	−23.9	26.5	295.6	0.617	0.609	0.0	0.362	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
34/510	B50R_075_050dd	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.8	37.1	−4.3	37.3	353.2	0.0	0.685	0.131	0.284	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
35/506	R00Y_075_050dd	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	52.4	32.7	19.2	38.0	30.4	0.0	0.676	0.604	0.268	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
36/324	R00Y_050_050dd	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	33.0	32.7	19.2	38.0	30.4	0.0	0.833	0.825	0.567	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
37/342	R50Y_050_050dd	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	43.3	12.0	31.5	33.7	69.1	0.0	0.508	0.827	0.577	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
38/360	Y00G_050_050dd	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	53.9	−4.7	44.5	44.8	96.0	0.0	0.216	0.867	0.5	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
39/198	Y50G_050_050dd	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	45.8	−15.1	30.4	33.9	116.4	0.281	0.0	0.804	0.613	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
40/36	G00B_050_050dd	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	35.0	−34.6	11.5	36.5	161.6	0.8	0.0	0.8	0.619	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
41/40	G50B_050_050dd	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	38.2	−15.9	−22.5	27.6	234.6	0.797	0.0	0.0	0.625	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
42/4	B00R_050_050dd	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	21.7	11.4	−23.9	26.5	295.6	0.789	0.779	0.0	0.636	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
43/328	B50R_050_050dd	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	33.3	37.1	−4.3	37.3	353.2	0.0	0.824	0.139	0.582	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
44/324	R00Y_050_050dd	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	33.0	32.7	19.2	38.0	30.4	0.0	0.833	0.825	0.567	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
45/0	NW_000dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
46/91	NW_013dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	28.2	0.0	0.0	0.0	0.0	0.0	0.011	0.1	0.901	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
47/182	NW_025dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	0.0	0.0	0.003	0.053	0.81	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
48/273	NW_038dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	0.0	0.0	0.016	0.067	0.714	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
49/364	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	0.0	0.0	0.033	0.072	0.612	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
50/455	NW_063dd	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	67.1	0.0	0.0	0.0	0.0	0.0	0.014	0.045	0.469	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
51/546	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.9	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.333	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
52/637	NW_088dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.6	0.0	0.0	0.0	0.0	0.014	0.0	0.008	0.18	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
53/728	NW_100dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	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**

TUB registration: 20130201-SE04/SE04L0FA.TXT /.PS
application for measurement of offset print output, separationcmyn6* (CMYK)
TUB material: code=rha4ta

TUB-test chart SE04; 16 hues, offset standard paper APCO
colors and differences, ΔE'*, 3D=1, de=0, *cmyk**

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

1−1031830−F0

http://130.149.60.45/~farbmetrik/SE04/SE04L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE04/SE04LE30FA.DAT in file (F), page 20/33

n=j	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$				*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$			
0	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1	B00R_012_012$_{dd}$	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	19.3	2.8	−5.9	6.6	295.6	0.38	0.38	0.0	0.914	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0
2	B00R_025_025$_{dd}$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	20.1	5.7	−11.9	13.2	295.6	0.569	0.569	0.0	0.831	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0
3	B00R_037_037$_{dd}$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	20.9	8.6	−17.9	19.9	295.6	0.686	0.686	0.0	0.75	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0
4	B00R_050_050$_{dd}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	21.7	11.4	−23.9	26.5	295.6	0.789	0.779	0.0	0.636	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0
5	B00R_062_062$_{dd}$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	22.5	14.3	−29.9	33.1	295.6	0.868	0.833	0.0	0.498	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0
6	B00R_075_075$_{dd}$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	23.3	17.2	−35.8	39.8	295.6	0.917	0.895	0.0	0.369	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0
7	B00R_087_087$_{dd}$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	24.1	20.1	−41.8	46.4	295.6	0.961	0.946	0.0	0.208	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0
8	B00R_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6	1.0	1.0	0.0	0.0	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0
9	G00B_012_012$_{dd}$	0.0	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	22.6	−8.6	2.8	9.1	161.6	0.417	0.0	0.417	0.901	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1
10	G50B_012_012$_{dd}$	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	23.4	−3.9	−5.6	6.9	234.6	0.392	0.002	0.0	0.91	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3
11	G75B_025_025$_{dd}$	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.125	0.25	24.4	−1.9	−11.5	11.7	260.4	0.572	0.277	0.0	0.83	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9
12	G84B_037_037$_{dd}$	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.118	0.375	24.7	1.5	−17.5	17.6	275.0	0.685	0.507	0.0	0.75	251	0.0	0.316	1.0	35.1	4.1	−46.9	47.1
13	G88B_050_050$_{dd}$	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.116	0.5	25.3	4.7	−23.6	24.0	281.4	0.786	0.622	0.0	0.639	257	0.0	0.233	1.0	32.1	9.5	−47.2	48.1
14	G90B_062_062$_{dd}$	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.114	0.625	25.8	8.0	−29.7	30.7	285.1	0.868	0.695	0.0	0.498	260	0.0	0.183	1.0	30.2	12.8	−47.5	49.2
15	G92B_075_075$_{dd}$	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.112	0.75	26.4	11.3	−35.7	37.4	287.5	0.92	0.788	0.0	0.362	262	0.0	0.15	1.0	29.0	15.0	−47.6	49.9
16	G93B_087_087$_{dd}$	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.116	0.875	27.1	14.1	−41.6	44.0	288.7	0.963	0.812	0.0	0.199	262	0.0	0.133	1.0	28.4	16.1	−47.6	50.3
17	G94B_100_100$_{dd}$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	27.8	17.1	−47.6	50.6	289.8	1.0	0.882	0.0	0.0	263	0.0	0.116	1.0	27.8	17.1	−47.6	50.6
18	G00B_025_025$_{dd}$	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	26.8	−17.3	5.7	18.2	161.6	0.592	0.0	0.592	0.818	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1
19	G25B_025_025$_{dd}$	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.125	27.5	−12.7	−4.3	13.4	198.8	0.584	0.0	0.343	0.823	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7
20	G50B_025_025$_{dd}$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	28.3	−7.9	−11.2	13.8	234.6	0.568	0.022	0.0	0.832	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3
21	G65B_037_037$_{dd}$	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.256	0.375	30.0	−7.0	−17.2	18.6	247.6	0.684	0.235	0.0	0.751	228	0.0	0.683	1.0	49.1	−18.8	−45.9	49.6
22	G75B_050_050$_{dd}$	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.25	0.5	30.4	−3.8	−23.1	23.4	260.4	0.78	0.405	0.0	0.647	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9
23	G80B_062_062$_{dd}$	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.239	0.625	30.4	−0.1	−29.0	29.0	269.7	0.868	0.551	0.0	0.498	247	0.0	0.383	1.0	37.6	−0.2	−46.5	46.5
24	G84B_075_075$_{dd}$	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.237	0.75	31.0	3.0	−35.1	35.3	275.0	0.915	0.634	0.0	0.376	251	0.0	0.316	1.0	35.1	4.1	−46.9	47.1
25	G86B_087_087$_{dd}$	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.233	0.875	31.5	6.4	−41.1	41.6	278.9	0.96	0.691	0.0	0.214	255	0.0	0.266	1.0	33.3	7.4	−47.0	47.6
26	G88B_100_100$_{dd}$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	32.1	9.5	−47.2	48.1	281.4	1.0	0.765	0.0	0.0	257	0.0	0.233	1.0	32.1	9.5	−47.2	48.1
27	G00B_037_037$_{dd}$	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	30.9	−26.0	8.6	27.4	161.6	0.694	0.0	0.694	0.742	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1
28	G15B_037_037$_{dd}$	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.118	31.6	−22.2	−0.7	22.2	181.9	0.687	0.0	0.573	0.748	168	0.0	1.0	0.316	53.4	−59.2	−2.0	59.3
29	G34B_037_037$_{dd}$	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.256	32.5	−16.2	−11.1	19.7	214.4	0.676	0.0	0.293	0.758	191	0.0	1.0	0.683	56.0	−43.3	−29.7	52.5
30	G50B_037_037$_{dd}$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	33.2	−11.9	−16.9	20.7	234.6	0.686	0.0	0.0	0.75	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3
31	G61B_050_050$_{dd}$	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.383	0.5	35.1	−11.4	−22.8	25.5	243.3	0.797	0.265	0.0	0.625	222	0.0	0.766	1.0	51.8	−22.8	−45.6	51.0
32	G69B_062_062$_{dd}$	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.385	0.625	36.2	−9.6	−28.7	30.3	251.4	0.868	0.37	0.0	0.498	232	0.0	0.616	1.0	46.9	−15.4	−46.0	48.5
33	G75B_075_075$_{dd}$	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.375	0.75	36.4	−5.8	−34.7	35.2	260.4	0.915	0.475	0.0	0.376	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9
34	G79B_087_087$_{dd}$	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.364	0.875	36.4	−2.0	−40.7	40.8	267.0	0.959	0.561	0.0	0.215	245	0.0	0.416	1.0	38.9	−2.3	−46.5	46.6
35	G81B_100_100$_{dd}$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	37.0	0.8	−46.5	46.5	271.0	1.0	0.631	0.0	0.0	248	0.0	0.366	1.0	37.0	0.8	−46.5	46.5
36	G00B_050_050$_{dd}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	35.0	−34.6	11.5	36.5	161.6	0.8	0.0	0.8	0.619	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1
37	G11B_050_050$_{dd}$	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.116	35.7	−31.2	2.6	31.3	175.2	0.867	0.0	0.65	0.5	162	0.0	1.0	0.233	52.9	−62.5	5.2	62.7
38	G25B_050_050$_{dd}$	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.25	36.6	−25.4	−8.6	26.8	198.8	0.788	0.0	0.448	0.636	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7
39	G38B_050_050$_{dd}$	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.383	37.6	−19.8	−17.2	26.2	221.1	0.786	0.0	0.217	0.639	197	0.0	1.0	0.766	56.7	−39.6	−34.5	52.5
40	G50B_050_050$_{dd}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	38.2	−15.9	−22.5	27.6	234.6	0.797	0.0	0.0	0.625	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3
41	G59B_062_062$_{dd}$	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.51	0.625	40.2	−15.6	−28.4	32.4	241.2	0.868	0.189	0.0	0.498	219	0.0	0.816	1.0	53.2	−25.0	−45.5	51.9
42	G65B_075_075$_{dd}$	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.512	0.75	41.5	−14.1	−34.4	37.2	247.6	0.916	0.305	0.0	0.374	228	0.0	0.683	1.0	49.1	−18.8	−45.9	49.6
43	G70B_087_087$_{dd}$	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.51	0.875	42.2	−11.6	−40.4	42.1	253.9	0.961	0.409	0.0	0.206	234	0.0	0.583	1.0	45.6	−13.2	−46.2	48.1
44	G75B_100_100$_{dd}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4	0.999	0.498	0.0	0.0	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9
45	G00B_062_062$_{dd}$	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	39.2	−43.3	14.4	45.6	161.6	0.875	0.0	0.875	0.481	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1
46	G09B_062_062$_{dd}$	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.114	39.8	−40.2	5.6	40.5	172.0	0.916	0.0	0.732	0.375	159	0.0	1.0	0.183	52.6	−64.3	9.0	64.9
47	G19B_062_062$_{dd}$	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.239	40.6	−35.1	−4.7	35.4	187.7	0.916	0.0	0.549	0.375	172	0.0	1.0	0.383	53.9	−56.2	−7.6	56.7
48	G30B_062_062$_{dd}$	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.385	41.5	−28.8	−15.8	32.9	208.7	0.866	0.0	0.371	0.501	187	0.0	1.0	0.616	55.3	−46.2	−25.4	52.7
49	G40B_062_062$_{dd}$	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.51	42.5	−23.8	−23.1	33.1	224.1	0.864	0.0	0.18	0.507	200	0.0	1.0	0.816	56.9	−38.0	−36.9	53.0
50	G50B_062_062$_{dd}$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	43.1	−19.9	−28.2	34.5	234.6	0.867	0.0	0.0	0.5	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3
51	G57B_075_075$_{dd}$	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.637	0.75	45.2	−19.8	−34.1	39.4	239.7	0.919	0.145	0.0	0.366	217	0.0	0.85	1.0	54.1	−26.4	−45.4	52.6
52	G63B_087_087$_{dd}$	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.641	0.875	46.7	−18.6	−40.0	44.1	244.9	0.962	0.266	0.0	0.204	224	0.0	0.733	1.0	50.7	−21.3	−45.7	50.4
53	G68B_100_100$_{dd}$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	47.5	−16.4	−45.9	48.8	250.3	0.999	0.367	0.0	0.0	231	0.0	0.633	1.0	47.5	−16.4	−45.9	48.8
54	G00B_075_075$_{dd}$	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	43.3	−52.0	17.2	54.8	161.6	0.928	0.0	0.928	0.334	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1
55	G07B_075_075$_{dd}$	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.112	44.0	−49.0	8.7	49.8	169.9	0.951	0.0	0.793	0.25	157	0.0	1.0	0.15	52.5	−65.4	11.6	66.4
56	G15B_075_075$_{dd}$	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.237	44.7	−44.4	−1.5	44.4	181.9	0.951	0.0	0.634	0.25	168	0.0	1.0	0.316	53.4	−59.2	−2.0	59.3
57	G25B_075_075$_{dd}$	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.375	45.6	−38.1	−12.9	40.3	198.8	0.925	0.0	0.477	0.346	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7
58	G34B_075_075$_{dd}$	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.512	46.6	−32.4	−22.3	39.4	214.4	0.924	0.0	0.31	0.349	191	0.0	1.0	0.683	56.0	−43.3	−29.7	52.5
59	G42B_075_075$_{dd}$	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.637	47.5	−27.7	−28.8	40.0	226.1	0.923	0.0	0.146	0.351	202	0.0	1.0	0.85	57.1	−36.9	−38.5	53.3
60	G50B_075_075$_{dd}$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	48.0	−23.9	−33.8	41.4	234.6	0.924	0.017	0.0	0.35	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3
61	G56B_087_087$_{dd}$	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.758	0.875	50.1	−23.8	−39.7	46.3	239.0	0.964	0.134	0.0	0.196	217	0.0	0.866	1.0	54.6	−27.2	−45.4	52.9
62	G61B_100_100$_{dd}$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.766	1.0	51.8	−22.8	−45.6	51.0	243.3	0.999	0.234	0.0	0.001	222	0.0	0.766	1.0	51.8	−22.8	−45.6	51.0
63	G00B_087_087$_{dd}$	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	47.5	−60.7	20.1	63.9	161.6	0.978	0.0	0.978	0.125	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1
64	G06B_087_087$_{dd}$	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.116	48.1	−57.6	11.3	58.7	168.8	0.978	0.0	0.838	0.125	157	0.0	1.0	0.133	52.4	−65.9	12.9	67.1
65	G13B_087_087$_{dd}$	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.233	48.8	−53.6	2.1	53.6	177.6	0.978	0.0	0.699	0.125	164	0.0	1.0	0.266	53.1	−61.2	2.4	61.3
66	G20B_087_087$_{dd}$	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.364	49.6	−48.0	−9.2	48.9	190.8	0.978	0.0	0.559	0.125	174	0.0	1.0	0.416	54.1	−54.8	−10.5	55.8
67	G29B_087_087$_{dd}$	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.51	50.6	−41.7	−20.2	46.3	205.9	0.965	0.0	0.414	0.188	185	0.0	1.0	0.583	55.1	−47.6	−23.1	53.0
68	G36B_087_087$_{dd}$	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.641	51.7	−35.8	−28.7	45.8	218.7	0.964	0.0	0.26	0.192	195	0.0	1.0	0.733	56.5	−40.9	−32.8	52.4
69	G43B_087_087$_{dd}$	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.758	52.4	−31.8	−34.3	46.8	227.1	0.964	0.0	0.129	0.193	202	0.0	1.0	0.866	57.2	−36.4	−39.2	53.5
70	G50B_087_087$_{dd}$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	52.9	−27.9	−39.4	48.4	234.6	0.966	0.027	0.0	0.183	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3
71	G55B_100_100$_{dd}$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	55.1	−27.8	−45.3	53.2	238.4	0.999	0.116	0.0	0.0	216	0.0	0.883	1.0	55.1	−27.8	−45.3	53.2
72	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6	0.999	0.0	1.0	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1
73	G05B_100_100$_{dd}$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.116	52.3	−66.3	14.2	67.9	167.8	1.0	0.0	0.882	0.0	156	0.0	1.0	0.116	52.3	−66.3	14.2	67.9
74	G11B_100_100$_{dd}$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.233	52.9	−62.5	5.2	62.7	175.2	1.0	0.0	0.764	0.0	162	0.0	1.0	0.233	52.9	−62.5	5.2	62.7
75	G18B_100_100$_{dd}$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.366	53.8	−56.9	−6.1	57.3	186.2	1.0	0.0	0.631	0.0	171	0.0	1.0	0.366	53.8	−56.9	−6.1	57.3
76	G25B_100_100$_{dd}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8	1.0	0.0	0.498	0.0	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7
77	G31B_100_100$_{dd}$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.633	55.5	−45.4	−26.5	52.6	210.2	1.0	0.0	0.368	0.0	188	0.0	1.0	0.633	55.5	−45.4	−26.5	52.6
78	G38B_100_100$_{dd}$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	56.7	−39.6	−34.5	52.5	221.1	1.0	0.0	0.233	0.0	197	0.0	1.0	0.766	56.7	−39.6	−34.5	52.5
79	G44B_100_100$_{dd}$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.883	57.3	−35.8	−40.0	53.7	228.1	1.0	0.0	0.116	0.0	203	0.0	1.0	0.883	57.3	−35.8	−40.0	53.7
80	G50B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6	0.999	0.0	0.0	0.0	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3

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

TUB-test chart SE04; 16 hues, offset standard paper APCO
colors and differences, Δ*E'*, 3D=1, de=0, *cmyk**

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

1−1031930−F0

http://130.149.60.45/~farbmetrik/SE04/SE04L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE04/SE04LE30FA.DAT in file (F), page 21/33

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$				*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
81	R00Y_012_012$_{dd}$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	22.1	8.1	4.8	9.5	30.4	0.0	0.453	0.453	0.887	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
82	B50R_012_012$_{dd}$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	22.2	9.2	−1.0	9.3	353.2	0.0	0.425	0.092	0.898	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
83	B25R_025_025$_{dd}$	0.125	0.0	0.25	0.25	0.25	0.125	300	0.125	0.0	0.25	23.1	13.4	−6.7	15.1	333.2	0.241	0.575	0.0	0.828	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
84	B15R_037_037$_{dd}$	0.125	0.0	0.375	0.375	0.375	0.187	289	0.118	0.0	0.375	23.5	15.9	−13.6	20.9	319.3	0.531	0.693	0.0	0.743	288	0.316	0.0	1.0	32.0	42.4	−36.4	55.9	319.3
85	B11R_050_050$_{dd}$	0.125	0.0	0.5	0.5	0.5	0.25	284	0.116	0.0	0.5	24.1	17.7	−20.4	27.0	310.9	0.692	0.798	0.0	0.623	282	0.233	0.0	1.0	29.6	35.4	−40.8	54.1	310.9
86	B09R_062_062$_{dd}$	0.125	0.0	0.625	0.625	0.625	0.312	281	0.114	0.0	0.625	24.9	21.0	−26.3	33.6	308.6	0.754	0.856	0.0	0.498	279	0.183	0.0	1.0	28.8	33.6	−42.1	53.9	308.6
87	B07R_075_075$_{dd}$	0.125	0.0	0.75	0.75	0.75	0.375	279	0.112	0.0	0.75	25.8	24.3	−32.1	40.3	307.0	0.8	0.909	0.0	0.364	278	0.15	0.0	1.0	28.2	32.4	−42.8	53.7	307.0
88	B06R_087_087$_{dd}$	0.125	0.0	0.875	0.875	0.875	0.437	278	0.116	0.0	0.875	26.8	27.8	−37.8	46.9	306.2	0.841	0.954	0.0	0.207	277	0.133	0.0	1.0	28.0	31.7	−43.2	53.7	306.2
89	B05R_100_100$_{dd}$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	27.6	30.9	−43.8	53.6	305.2	0.883	0.999	0.0	0.0	276	0.116	0.0	1.0	27.6	30.9	−43.8	53.6	305.2
90	Y00G_012_012$_{dd}$	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	27.3	−1.1	11.1	11.2	96.0	0.0	0.179	0.484	0.874	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
91	NW_012$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	28.2	0.0	0.0	0.0	0.0	0.0	0.011	0.1	0.901	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
92	B00R_025_012$_{dd}$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	29.0	2.8	−5.9	6.6	295.6	0.337	0.358	0.0	0.831	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
93	B00R_037_025$_{dd}$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	29.8	5.7	−11.9	13.2	295.6	0.523	0.506	0.0	0.754	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
94	B00R_050_037$_{dd}$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	30.6	8.6	−17.9	19.9	295.6	0.64	0.598	0.0	0.645	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
95	B00R_062_050$_{dd}$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	31.4	11.4	−23.9	26.5	295.6	0.716	0.665	0.0	0.511	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
96	B00R_075_062$_{dd}$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	32.2	14.3	−29.9	33.1	295.6	0.777	0.731	0.0	0.371	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
97	B00R_087_075$_{dd}$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	33.1	17.2	−35.8	39.8	295.6	0.825	0.776	0.0	0.215	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
98	B00R_100_087$_{dd}$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	33.9	20.1	−41.8	46.4	295.6	0.868	0.824	0.0	0.022	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
99	Y50G_025_025$_{dd}$	0.125	0.25	0.0	0.25	0.25	0.125	120	0.125	0.25	0.0	32.2	−7.5	15.2	16.9	116.4	0.15	0.0	0.573	0.829	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
100	G00B_025_012$_{dd}$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	32.4	−8.6	2.8	9.1	161.6	0.484	0.0	0.475	0.81	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
101	G50B_025_012$_{dd}$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	33.1	−3.9	−5.6	6.9	234.6	0.403	0.0	0.008	0.823	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
102	G75B_037_025$_{dd}$	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.25	0.375	34.2	−1.9	−11.5	11.7	260.4	0.528	0.218	0.0	0.753	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4
103	G84B_050_037$_{dd}$	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.243	0.5	34.5	1.5	−17.5	17.6	275.0	0.647	0.419	0.0	0.646	251	0.0	0.316	1.0	35.1	4.1	−46.9	47.1	275.0
104	G88B_062_050$_{dd}$	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.241	0.625	35.0	4.7	−23.6	24.0	281.4	0.729	0.535	0.0	0.512	257	0.0	0.233	1.0	32.1	9.5	−47.2	48.1	281.4
105	G90B_075_062$_{dd}$	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.239	0.75	35.6	8.0	−29.7	30.7	285.1	0.789	0.624	0.0	0.37	260	0.0	0.183	1.0	30.2	12.8	−47.5	49.2	285.1
106	G92B_087_075$_{dd}$	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.237	0.875	36.1	11.3	−35.7	37.4	287.5	0.834	0.682	0.0	0.21	262	0.0	0.15	1.0	29.0	15.0	−47.6	49.9	287.5
107	G93B_100_087$_{dd}$	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.241	1.0	36.9	14.1	−41.6	44.0	288.7	0.876	0.739	0.0	0.011	262	0.0	0.133	1.0	28.4	16.1	−47.6	50.3	288.7
108	Y68G_037_037$_{dd}$	0.125	0.375	0.0	0.375	0.375	0.187	131	0.118	0.375	0.0	36.0	−15.7	18.1	24.0	130.9	0.364	0.0	0.699	0.737	131	0.316	1.0	0.0	65.1	−42.0	48.3	64.0	130.9
109	G00B_037_025$_{dd}$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	36.5	−17.3	5.7	18.2	161.6	0.658	0.0	0.604	0.716	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
110	G25B_037_025$_{dd}$	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.25	37.3	−12.7	−4.3	13.4	198.8	0.617	0.0	0.307	0.726	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8
111	G50B_037_025$_{dd}$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	38.1	−7.9	−11.2	13.8	234.6	0.551	0.0	0.019	0.738	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
112	G65B_050_037$_{dd}$	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.381	0.5	39.7	−7.0	−17.2	18.6	247.6	0.665	0.169	0.0	0.641	228	0.0	0.683	1.0	49.1	−18.8	−45.9	49.6	247.6
113	G75B_062_050$_{dd}$	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.375	0.625	40.1	−3.8	−23.1	23.4	260.4	0.738	0.348	0.0	0.51	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4
114	G80B_075_062$_{dd}$	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.364	0.75	40.2	−0.1	−29.0	29.0	269.7	0.793	0.478	0.0	0.375	247	0.0	0.383	1.0	37.6	−0.2	−46.5	46.5	269.7
115	G84B_087_075$_{dd}$	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.362	0.875	40.7	3.0	−35.1	35.3	275.0	0.838	0.551	0.0	0.212	251	0.0	0.316	1.0	35.1	4.1	−46.9	47.1	275.0
116	G86B_100_087$_{dd}$	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.358	1.0	41.2	6.4	−41.1	41.6	278.9	0.876	0.613	0.0	0.007	255	0.0	0.266	1.0	33.3	7.4	−47.0	47.6	278.9
117	Y76G_050_050$_{dd}$	0.125	0.5	0.0	0.5	0.5	0.25	136	0.116	0.5	0.0	39.4	−24.3	20.6	31.9	139.7	0.676	0.0	0.798	0.623	137	0.233	1.0	0.0	60.3	−48.7	41.3	63.9	139.7
118	G00B_050_037$_{dd}$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	40.6	−26.0	8.6	27.4	161.6	0.762	0.0	0.691	0.588	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
119	G15B_050_037$_{dd}$	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.243	41.3	−22.2	−0.7	22.2	181.9	0.748	0.0	0.498	0.595	168	0.0	1.0	0.316	53.4	−59.2	−2.0	59.3	181.9
120	G34B_050_037$_{dd}$	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.381	42.3	−16.2	−11.1	19.7	214.4	0.71	0.0	0.237	0.612	191	0.0	1.0	0.683	56.0	−43.3	−29.7	52.5	214.4
121	G50B_050_037$_{dd}$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	43.0	−11.9	−16.9	20.7	234.6	0.675	0.0	0.008	0.63	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
122	G61B_062_050$_{dd}$	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.508	0.625	44.9	−11.4	−22.8	25.5	243.3	0.745	0.144	0.0	0.502	222	0.0	0.766	1.0	51.8	−22.8	−45.6	51.0	243.3
123	G69B_075_062$_{dd}$	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.51	0.75	46.0	−9.6	−28.7	30.3	251.4	0.804	0.285	0.0	0.366	232	0.0	0.616	1.0	46.9	−15.4	−46.0	48.5	251.4
124	G75B_087_075$_{dd}$	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.5	0.875	46.1	−5.8	−34.7	35.2	260.4	0.845	0.408	0.0	0.208	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4
125	G79B_100_087$_{dd}$	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.489	1.0	46.1	−2.0	−40.7	40.8	267.0	0.88	0.492	0.0	0.007	245	0.0	0.416	1.0	38.9	−2.3	−46.5	46.6	267.0
126	Y81G_062_062$_{dd}$	0.125	0.625	0.0	0.625	0.625	0.312	139	0.114	0.625	0.0	43.6	−32.6	23.6	40.3	144.1	0.755	0.0	0.87	0.492	140	0.183	1.0	0.0	58.6	−52.3	37.8	64.5	144.1
127	G00B_062_050$_{dd}$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	44.8	−34.6	11.5	36.5	161.6	0.829	0.0	0.755	0.444	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
128	G11B_062_050$_{dd}$	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.241	45.4	−31.2	2.6	31.3	175.2	0.824	0.0	0.607	0.448	162	0.0	1.0	0.233	52.9	−62.5	5.2	62.7	175.2
129	G25B_062_050$_{dd}$	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.375	46.3	−25.4	−8.6	26.8	198.8	0.807	0.0	0.399	0.465	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8
130	G38B_062_050$_{dd}$	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.508	47.3	−19.8	−17.2	26.2	221.1	0.776	0.0	0.19	0.48	197	0.0	1.0	0.766	56.7	−39.6	−34.5	52.5	221.1
131	G50B_062_050$_{dd}$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	47.9	−15.9	−22.5	27.6	234.6	0.755	0.0	0.007	0.489	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
132	G59B_075_062$_{dd}$	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.635	0.75	49.9	−15.6	−28.4	32.4	241.2	0.808	0.127	0.0	0.357	219	0.0	0.816	1.0	53.2	−25.0	−45.5	51.9	241.2
133	G65B_087_075$_{dd}$	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.637	0.875	51.2	−14.1	−34.4	37.2	247.6	0.855	0.253	0.0	0.203	228	0.0	0.683	1.0	49.1	−18.8	−45.9	49.6	247.6
134	G70B_100_087$_{dd}$	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.635	1.0	51.9	−11.6	−40.4	42.1	253.9	0.889	0.365	0.0	0.002	234	0.0	0.583	1.0	45.6	−13.2	−46.2	48.1	253.9
135	Y85G_075_075$_{dd}$	0.125	0.75	0.0	0.75	0.75	0.375	141	0.112	0.75	0.0	47.8	−40.8	26.4	48.7	147.0	0.811	0.0	0.923	0.35	142	0.15	1.0	0.0	57.5	−54.5	35.3	64.9	147.0
136	G00B_075_062$_{dd}$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	48.9	−43.3	14.4	45.6	161.6	0.874	0.0	0.807	0.29	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
137	G09B_075_062$_{dd}$	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.239	49.6	−40.2	5.6	40.5	172.0	0.875	0.0	0.676	0.291	159	0.0	1.0	0.183	52.6	−64.3	9.0	64.9	172.0
138	G19B_075_062$_{dd}$	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.364	50.3	−35.1	−4.7	35.4	187.7	0.866	0.0	0.519	0.305	172	0.0	1.0	0.383	53.9	−56.2	−7.6	56.7	187.7
139	G30B_075_062$_{dd}$	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.51	51.3	−28.8	−15.8	32.9	208.7	0.851	0.0	0.329	0.321	187	0.0	1.0	0.616	55.3	−46.2	−25.4	52.7	208.7
140	G40B_075_062$_{dd}$	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.635	52.3	−23.8	−23.1	33.1	224.1	0.828	0.0	0.158	0.331	200	0.0	1.0	0.816	56.9	−38.0	−36.9	53.0	224.1
141	G50B_075_062$_{dd}$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	52.8	−19.9	−28.2	34.5	234.6	0.811	0.008	0.0	0.342	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
142	G57B_087_075$_{dd}$	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.762	0.875	55.0	−19.8	−34.1	39.4	239.7	0.86	0.114	0.0	0.197	217	0.0	0.85	1.0	54.1	−26.4	−45.4	52.6	239.7
143	G63B_100_087$_{dd}$	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	0.766	1.0	56.4	−18.6	−40.0	44.1	244.9	0.893	0.221	0.0	0.009	224	0.0	0.733	1.0	50.7	−21.3	−45.7	50.4	244.9
144	Y86G_087_087$_{dd}$	0.125	0.875	0.0	0.875	0.875	0.437	142	0.116	0.875	0.0	52.1	−48.6	29.7	57.0	148.5	0.846	0.0	0.964	0.194	142	0.133	1.0	0.0	57.0	−55.5	34.0	65.1	148.5
145	G00B_087_075$_{dd}$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	53.1	−52.0	17.2	54.8	161.6	0.905	0.0	0.849	0.137	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
146	G07B_087_075$_{dd}$	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.237	53.7	−49.0	8.7	49.8	169.9	0.907	0.0	0.731	0.138	157	0.0	1.0	0.15	52.5	−65.4	11.6	66.4	169.9
147	G15B_087_075$_{dd}$	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.362	54.4	−44.4	−1.5	44.4	181.9	0.903	0.0	0.597	0.146	168	0.0	1.0	0.316	53.4	−59.2	−2.0	59.3	181.9
148	G25B_087_075$_{dd}$	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.5	55.3	−38.1	−12.9	40.3	198.8	0.893	0.0	0.439	0.159	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8
149	G34B_087_075$_{dd}$	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.637	56.3	−32.4	−22.3	39.4	214.4	0.884	0.0	0.283	0.168	191	0.0	1.0	0.683	56.0	−43.3	−29.7	52.5	214.4
150	G42B_087_075$_{dd}$	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.762	57.2	−27.7	−28.8	40.0	226.1	0.871	0.0	0.134	0.178	202	0.0	1.0	0.85	57.1	−36.9	−38.5	53.3	226.1
151	G50B_087_075$_{dd}$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	57.7	−23.9	−33.8	41.4	234.6	0.86	0.013	0.0	0.186	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
152	G56B_100_087$_{dd}$	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	0.883	1.0	59.8	−23.8	−39.7	46.3	239.0	0.892	0.104	0.0	0.009	217	0.0	0.866	1.0	54.6	−27.2	−45.4	52.9	239.0
153	Y88G_100_100$_{dd}$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	56.3	−57.0	32.8	65.8	150.0	0.882	0.0	1.0	0.0	143	0.116	1.0	0.0	56.3	−57.0	32.8	65.8	150.0
154	G00B_100_087$_{dd}$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	57.2	−60.7	20.1	63.9	161.6	0.913	0.0	0.874	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
155	G06B_100_087$_{dd}$	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.241	57.9	−57.6	11.3	58.7	168.8	0.908	0.0	0.75	0.0	157	0.0	1.0	0.133	52.4	−65.9	12.9	67.1	168.8
156	G13B_100_087$_{dd}$	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.358	58.5	−53.6	2.1	53.6	177.6	0.908	0.0	0.623	0.0	164	0.0	1.0	0.266	53.1	−61.2	2.4	61.3	177.6
157	G20B_100_087$_{dd}$	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.489	59.4	−48.0	−9.2	48.9	190.8	0.908	0.0	0.498	0.0	174	0.0	1.0	0.416	54.1	−54.8	−10.5	55.8	190.8
158	G29B_100_087$_{dd}$	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.635	60.3	−41.7	−20.2	46.3	205.9	0.903	0.0	0.376	0.0	185	0.0	1.0	0.583	55.1	−47.6	−23.1	53.0	205.9
159	G36B_100_087$_{dd}$	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.766	61.4	−35.8	−28.7	45.8	218.7	0.904	0.0	0.25	0.0	195	0.0	1.0	0.733	56.5	−40.9	−32.8	52.4	218.7
160	G43B_100_087$_{dd}$	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	1.0	0.883	62.1	−31.8	−34.3	46.8	227.1	0.898	0.0	0.125	0.0	202	0.0	1.0	0.866	57.2	−36.4	−39.2	53.5	227.1
161	G50B_100_087$_{dd}$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	62.6	−27.9	−39.4	48.4	234.6	0.899	0.0	0.001	0.0	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6

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

see similar files: http://130.149.60.45/~farbmetrik/SE04/SE04.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-SE04/SE04L0FA.TXT /.PS
application for measurement of offset print output, separationcmyn6* (CMYK)
TUB material: code=rha4ta

TUB-test chart SE04; 16 hues, offset standard paper APCO
colors and differences, Δ*E'**, 3D=1, de=0, *cmyk**

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

1−1032030−F0

http://130.149.60.45/~farbmetrik/SE04/SE04L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE04/SE04LE30FA.DAT in file (F), page 22/33

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			*h*$_{si\_Fdd}$	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				*h*$_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
162	R00Y_025_025$_{dd}$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	25.7	16.3	9.6	19.0	30.4	0.0	0.639	0.639	0.786	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
163	R00Y_025_025$_{dd}$	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.125	25.8	17.4	2.8	17.6	9.2	0.0	0.644	0.27	0.783	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
164	B50R_025_025$_{dd}$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	25.9	18.5	−2.1	18.6	353.2	0.0	0.618	0.151	0.801	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
165	B34R_037_037$_{dd}$	0.25	0.0	0.375	0.375	0.375	0.187	311	0.256	0.0	0.375	27.2	23.6	−7.2	24.7	342.9	0.027	0.698	0.0	0.738	311	0.683	0.0	1.0	41.6	63.1	−19.3	66.0	342.9
166	B25R_050_050$_{dd}$	0.25	0.0	0.5	0.5	0.5	0.25	300	0.25	0.0	0.5	27.8	26.9	−13.5	30.2	333.2	0.397	0.798	0.0	0.623	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
167	B19R_062_062$_{dd}$	0.25	0.0	0.625	0.625	0.625	0.312	293	0.239	0.0	0.625	28.2	30.1	−19.9	36.1	326.4	0.517	0.868	0.0	0.498	292	0.383	0.0	1.0	34.0	48.1	−31.9	57.7	326.4
168	B15R_075_075$_{dd}$	0.25	0.0	0.75	0.75	0.75	0.375	289	0.237	0.0	0.75	28.6	31.8	−27.3	41.9	319.3	0.632	0.921	0.0	0.357	288	0.316	0.0	1.0	32.0	42.4	−36.4	55.9	319.3
169	B13R_087_087$_{dd}$	0.25	0.0	0.875	0.875	0.875	0.437	286	0.233	0.0	0.875	28.9	32.9	−34.5	47.8	313.6	0.729	0.96	0.0	0.201	284	0.266	0.0	1.0	30.4	37.7	−39.5	54.6	313.6
170	B11R_100_100$_{dd}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	29.6	35.4	−40.8	54.1	310.9	0.765	1.0	0.0	0.0	282	0.233	0.0	1.0	29.6	35.4	−40.8	54.1	310.9
171	R50Y_025_025$_{dd}$	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.125	0.0	30.9	6.0	15.7	16.8	69.1	0.0	0.448	0.629	0.794	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
172	R00Y_025_012$_{dd}$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	31.8	8.1	4.8	9.5	30.4	0.0	0.488	0.4	0.793	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
173	B50R_025_012$_{dd}$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	31.9	9.2	−1.0	9.3	353.2	0.0	0.462	0.113	0.804	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
174	B25R_037_025$_{dd}$	0.25	0.125	0.375	0.375	0.25	0.25	300	0.25	0.124	0.375	32.9	13.4	−6.7	15.1	333.2	0.127	0.561	0.0	0.748	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
175	B15R_050_037$_{dd}$	0.25	0.125	0.5	0.5	0.375	0.312	289	0.243	0.124	0.5	33.3	15.9	−13.6	20.9	319.3	0.415	0.653	0.0	0.633	288	0.316	0.0	1.0	32.0	42.4	−36.4	55.9	319.3
176	B11R_062_050$_{dd}$	0.25	0.125	0.625	0.625	0.5	0.375	284	0.241	0.125	0.625	33.8	17.7	−20.4	27.0	310.9	0.558	0.708	0.0	0.495	282	0.233	0.0	1.0	29.6	35.4	−40.8	54.1	310.9
177	B09R_075_062$_{dd}$	0.25	0.125	0.75	0.75	0.625	0.437	281	0.239	0.125	0.75	34.7	21.0	−26.3	33.6	308.6	0.633	0.772	0.0	0.353	279	0.183	0.0	1.0	28.8	33.6	−42.1	53.9	308.6
178	B07R_087_075$_{dd}$	0.25	0.125	0.875	0.875	0.75	0.5	279	0.237	0.125	0.875	35.5	24.3	−32.1	40.3	307.0	0.682	0.814	0.0	0.199	278	0.15	0.0	1.0	28.2	32.4	−42.8	53.7	307.0
179	B06R_100_087$_{dd}$	0.25	0.125	1.0	1.0	0.875	0.562	278	0.241	0.125	1.0	36.5	27.8	−37.8	46.9	306.2	0.723	0.853	0.0	0.0	277	0.133	0.0	1.0	28.0	31.7	−43.2	53.7	306.2
180	Y00G_025_025$_{dd}$	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	36.2	−2.3	22.2	22.4	96.0	0.0	0.189	0.636	0.789	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
181	Y00G_025_012$_{dd}$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	37.1	−1.1	11.1	11.2	96.0	0.0	0.102	0.516	0.797	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
182	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	0.0	0.0	0.003	0.053	0.81	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
183	B00R_037_012$_{dd}$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	38.8	2.8	−5.9	6.6	295.6	0.186	0.239	0.0	0.751	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
184	B00R_050_025$_{dd}$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	39.6	5.7	−11.9	13.2	295.6	0.41	0.422	0.0	0.641	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
185	B00R_062_037$_{dd}$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	40.4	8.6	−17.9	19.9	295.6	0.524	0.528	0.0	0.506	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
186	B00R_075_050$_{dd}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	41.2	11.4	−23.9	26.5	295.6	0.617	0.609	0.0	0.362	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
187	B00R_087_062$_{dd}$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	42.0	14.3	−29.9	33.1	295.6	0.674	0.662	0.0	0.21	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
188	B00R_100_075$_{dd}$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	42.8	17.2	−35.8	39.8	295.6	0.718	0.704	0.0	0.019	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
189	Y31G_037_037$_{dd}$	0.25	0.375	0.0	0.375	0.375	0.187	109	0.256	0.375	0.0	41.8	−7.7	27.7	28.8	105.6	0.036	0.0	0.702	0.735	108	0.683	1.0	0.0	80.6	−20.7	74.1	76.9	105.6
190	Y50G_037_025$_{dd}$	0.25	0.375	0.125	0.375	0.25	0.25	120	0.25	0.375	0.124	41.9	−7.5	15.2	16.9	116.4	0.179	0.0	0.604	0.733	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
191	G00B_037_012$_{dd}$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	42.1	−8.6	2.8	9.1	161.6	0.371	0.0	0.373	0.706	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
192	G50B_037_012$_{dd}$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	42.9	−3.9	−5.6	6.9	234.6	0.279	0.0	0.031	0.728	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
193	G75B_050_025$_{dd}$	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.375	0.5	43.9	−1.9	−11.5	11.7	260.4	0.437	0.19	0.0	0.637	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4
194	G84B_062_037$_{dd}$	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.368	0.625	44.2	1.5	−17.5	17.6	275.0	0.545	0.374	0.0	0.508	251	0.0	0.316	1.0	35.1	4.1	−46.9	47.1	275.0
195	G88B_075_050$_{dd}$	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.366	0.75	44.8	4.7	−23.6	24.0	281.4	0.631	0.488	0.0	0.365	257	0.0	0.233	1.0	32.1	9.5	−47.2	48.1	281.4
196	G90B_087_062$_{dd}$	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.364	0.875	45.3	8.0	−29.7	30.7	285.1	0.688	0.559	0.0	0.21	260	0.0	0.183	1.0	30.2	12.8	−47.5	49.2	285.1
197	G92B_100_075$_{dd}$	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.362	1.0	45.8	11.3	−35.7	37.4	287.5	0.726	0.612	0.0	0.017	262	0.0	0.15	1.0	29.0	15.0	−47.6	49.9	287.5
198	Y50G_050_050$_{dd}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	45.8	−15.1	30.4	33.9	116.4	0.281	0.0	0.804	0.613	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
199	Y68G_050_037$_{dd}$	0.25	0.5	0.125	0.5	0.375	0.312	131	0.243	0.5	0.124	45.7	−15.7	18.1	24.0	130.9	0.448	0.0	0.702	0.612	131	0.316	1.0	0.0	65.1	−42.0	48.3	64.0	130.9
200	G00B_050_025$_{dd}$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	46.2	−17.3	5.7	18.2	161.6	0.57	0.0	0.524	0.57	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
201	G25B_050_025$_{dd}$	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.375	47.0	−12.7	−4.3	13.4	198.8	0.532	0.0	0.276	0.591	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8
202	G50B_050_025$_{dd}$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	47.8	−7.9	−11.2	13.8	234.6	0.473	0.0	0.021	0.621	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
203	G65B_062_037$_{dd}$	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.506	0.625	49.4	−7.0	−17.2	18.6	247.6	0.57	0.141	0.0	0.502	228	0.0	0.683	1.0	49.1	−18.8	−45.9	49.6	247.6
204	G75B_075_050$_{dd}$	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.5	0.75	49.9	−3.8	−23.1	23.4	260.4	0.647	0.309	0.0	0.367	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4
205	G80B_087_062$_{dd}$	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.489	0.875	49.9	−0.1	−29.0	29.0	269.7	0.699	0.421	0.0	0.214	247	0.0	0.383	1.0	37.6	−0.2	−46.5	46.5	269.7
206	G84B_100_075$_{dd}$	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.487	1.0	50.4	3.0	−35.1	35.3	275.0	0.734	0.49	0.0	0.024	251	0.0	0.316	1.0	35.1	4.1	−46.9	47.1	275.0
207	Y61G_062_062$_{dd}$	0.25	0.625	0.0	0.625	0.625	0.312	127	0.239	0.625	0.0	50.1	−22.6	33.4	40.3	124.0	0.515	0.0	0.873	0.487	127	0.383	1.0	0.0	69.1	−36.1	53.5	64.6	124.0
208	Y76G_062_050$_{dd}$	0.25	0.625	0.125	0.625	0.5	0.375	136	0.241	0.625	0.125	49.1	−24.3	20.6	31.9	139.7	0.598	0.0	0.769	0.473	137	0.233	1.0	0.0	60.3	−48.7	41.3	63.9	139.7
209	G00B_062_037$_{dd}$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	50.4	−26.0	8.6	27.4	161.6	0.68	0.0	0.615	0.422	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
210	G15B_062_037$_{dd}$	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.368	51.1	−22.2	−0.7	22.2	181.9	0.668	0.0	0.448	0.434	168	0.0	1.0	0.316	53.4	−59.2	−2.0	59.3	181.9
211	G34B_062_037$_{dd}$	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.506	52.0	−16.2	−11.1	19.7	214.4	0.628	0.0	0.207	0.462	191	0.0	1.0	0.683	56.0	−43.3	−29.7	52.5	214.4
212	G50B_062_037$_{dd}$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	52.7	−11.9	−16.9	20.7	234.6	0.588	0.0	0.014	0.484	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
213	G61B_075_050$_{dd}$	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.633	0.75	54.6	−11.4	−22.8	25.5	243.3	0.662	0.122	0.0	0.361	222	0.0	0.766	1.0	51.8	−22.8	−45.6	51.0	243.3
214	G69B_087_062$_{dd}$	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.635	0.875	55.7	−9.6	−28.7	30.3	251.4	0.719	0.249	0.0	0.208	232	0.0	0.616	1.0	46.9	−15.4	−46.0	48.5	251.4
215	G75B_100_075$_{dd}$	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.625	1.0	55.8	−5.8	−34.7	35.2	260.4	0.744	0.373	0.0	0.018	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4
216	Y68G_075_075$_{dd}$	0.25	0.75	0.0	0.75	0.75	0.375	131	0.237	0.75	0.0	53.4	−31.5	36.2	48.0	130.9	0.628	0.0	0.925	0.345	131	0.316	1.0	0.0	65.1	−42.0	48.3	64.0	130.9
217	Y81G_075_062$_{dd}$	0.25	0.75	0.125	0.75	0.625	0.437	139	0.239	0.75	0.125	53.3	−32.6	23.6	40.3	144.1	0.686	0.0	0.819	0.323	140	0.183	1.0	0.0	58.6	−52.3	37.8	64.5	144.1
218	G00B_075_050$_{dd}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	54.5	−34.6	11.5	36.5	161.6	0.757	0.0	0.679	0.259	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
219	G11B_075_050$_{dd}$	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.366	55.2	−31.2	2.6	31.3	175.2	0.752	0.0	0.546	0.27	162	0.0	1.0	0.233	52.9	−62.5	5.2	62.7	175.2
220	G25B_075_050$_{dd}$	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.5	56.0	−25.4	−8.6	26.8	198.8	0.729	0.0	0.358	0.297	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8
221	G38B_075_050$_{dd}$	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.633	57.1	−19.8	−17.2	26.2	221.1	0.695	0.0	0.164	0.322	197	0.0	1.0	0.766	56.7	−39.6	−34.5	52.5	221.1
222	G50B_075_050$_{dd}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	57.6	−15.9	−22.5	27.6	234.6	0.668	0.0	0.0	0.343	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
223	G59B_087_062$_{dd}$	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.76	0.875	59.6	−15.6	−28.4	32.4	241.2	0.729	0.111	0.0	0.201	219	0.0	0.816	1.0	53.2	−25.0	−45.5	51.9	241.2
224	G65B_100_075$_{dd}$	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.762	1.0	60.9	−14.1	−34.4	37.2	247.6	0.765	0.22	0.0	0.015	228	0.0	0.683	1.0	49.1	−18.8	−45.9	49.6	247.6
225	Y73G_087_087$_{dd}$	0.25	0.875	0.0	0.875	0.875	0.437	134	0.233	0.875	0.0	56.5	−40.4	38.4	55.8	136.4	0.714	0.0	0.964	0.194	135	0.266	1.0	0.0	61.9	−46.2	43.9	63.8	136.4
226	Y85G_087_075$_{dd}$	0.25	0.875	0.125	0.875	0.75	0.5	141	0.237	0.875	0.125	57.5	−40.8	26.4	48.7	147.0	0.747	0.0	0.855	0.164	142	0.15	1.0	0.0	57.5	−54.5	35.3	64.9	147.0
227	G00B_087_062$_{dd}$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	58.6	−43.3	14.4	45.6	161.6	0.81	0.0	0.73	0.096	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
228	G09B_087_062$_{dd}$	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.364	59.3	−40.2	5.6	40.5	172.0	0.808	0.0	0.616	0.103	159	0.0	1.0	0.183	52.6	−64.3	9.0	64.9	172.0
229	G19B_087_062$_{dd}$	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.489	60.1	−35.1	−4.7	35.4	187.7	0.794	0.0	0.475	0.127	172	0.0	1.0	0.383	53.9	−56.2	−7.6	56.7	187.7
230	G30B_087_062$_{dd}$	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.635	61.0	−28.8	−15.8	32.9	208.7	0.775	0.0	0.3	0.151	187	0.0	1.0	0.616	55.3	−46.2	−25.4	52.7	208.7
231	G40B_087_062$_{dd}$	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.76	62.0	−23.8	−23.1	33.1	224.1	0.753	0.0	0.142	0.17	200	0.0	1.0	0.816	56.9	−38.0	−36.9	53.0	224.1
232	G50B_087_062$_{dd}$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	62.5	−19.9	−28.2	34.5	234.6	0.733	0.007	0.0	0.187	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
233	G57B_100_075$_{dd}$	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	0.887	1.0	64.7	−19.8	−34.1	39.4	239.7	0.772	0.103	0.0	0.012	217	0.0	0.85	1.0	54.1	−26.4	−45.4	52.6	239.7
234	Y76G_100_100$_{dd}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	60.3	−48.7	41.3	63.9	139.7	0.765	0.0	1.0	0.0	137	0.233	1.0	0.0	60.3	−48.7	41.3	63.9	139.7
235	Y86G_100_087$_{dd}$	0.25	1.0	0.125	1.0	0.875	0.562	142	0.241	1.0	0.125	61.9	−48.6	29.7	57.0	148.5	0.774	0.0	0.874	0.0	142	0.133	1.0	0.0	57.0	−55.5	34.0	65.1	148.5
236	G00B_100_075$_{dd}$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	62.8	−52.0	17.2	54.8	161.6	0.803	0.0	0.749	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
237	G07B_100_075$_{dd}$	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.362	63.4	−49.0	8.7	49.8	169.9	0.874	0.0	0.749	0.0	157	0.0	1.0	0.15	52.5	−65.4	11.6	66.4	169.9
238	G15B_100_075$_{dd}$	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.487	64.2	−44.4	−1.5	44.4	181.9	0.791	0.0	0.498	0.0	168	0.0	1.0	0.316	53.4	−59.2	−2.0	59.3	181.9
239	G25B_100_075$_{dd}$	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.625	65.0	−38.1	−12.9	40.3	198.8	0.794	0.0	0.376	0.0	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8
240	G34B_100_075$_{dd}$	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.762	66.1	−32.4	−22.3	39.4	214.4	0.796	0.0	0.25	0.0	191	0.0	1.0	0.683	56.0	−43.3	−29.7	52.5	214.4
241	G42B_100_075$_{dd}$	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.887	66.9	−27.7	−28.8	40.0	226.1	0.78	0.0	0.125	0.0	202	0.0	1.0	0.85	57.1	−36.9	−38.5	53.3	226.1
242	G50B_100_075$_{dd}$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	67.5	−23.9	−33.8	41.4	234.6	0.778	0.0	0.0	0.0	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6

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

see similar files: http://130.149.60.45/~farbmetrik/SE04/SE04.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-SE04/SE04L0FA.TXT /.PS
application for measurement of offset print output, separationcmyn6* (CMYK)
TUB material: code=rha4ta

TUB-test chart SE04; 16 hues, offset standard paper APCO
colors and differences, Δ*E'*, 3D=1, de=0, *cmyk**

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

1−1032130−F0

http://130.149.60.45/~farbmetrik/SE04/SE04L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE04/SE04LE30FA.DAT in file (F), page 23/33

n	HIC*$_{Fdd}$	*rgb*_$_{Fdd}$			*ict*_$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$				*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
243	R00Y_037_037$_{dd}$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	29.4	24.5	14.4	28.5	30.4	0.0	0.753	0.751	0.681	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
244	R18Y_037_037$_{dd}$	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.118	29.5	25.4	8.1	26.6	17.7	0.0	0.749	0.563	0.686	371	1.0	0.0	0.316	47.8	67.7	21.6	71.1	17.7
245	B65R_037_037$_{dd}$	0.375	0.0	0.25	0.375	0.375	0.187	349	0.375	0.0	0.256	29.6	26.7	0.8	26.8	1.8	0.0	0.744	0.32	0.692	348	1.0	0.0	0.683	48.1	71.4	2.3	71.4	1.8
246	B50R_037_037$_{dd}$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	29.6	27.8	−3.2	28.0	353.2	0.0	0.742	0.132	0.694	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
247	B38R_050_050$_{dd}$	0.375	0.0	0.5	0.5	0.5	0.25	316	0.383	0.0	0.5	31.1	33.6	−7.6	34.5	347.2	0.0	0.797	0.0	0.625	317	0.766	0.0	1.0	43.6	67.3	−15.2	69.0	347.2
248	B30R_062_062$_{dd}$	0.375	0.0	0.625	0.625	0.625	0.312	307	0.385	0.0	0.625	31.9	37.1	−14.0	39.7	339.2	0.295	0.869	0.0	0.496	307	0.616	0.0	1.0	40.0	59.4	−22.5	63.5	339.2
249	B25R_075_075$_{dd}$	0.375	0.0	0.75	0.75	0.75	0.375	300	0.375	0.0	0.75	32.4	40.4	−20.3	45.3	333.2	0.441	0.919	0.0	0.365	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
250	B20R_087_087$_{dd}$	0.375	0.0	0.875	0.875	0.875	0.437	295	0.364	0.0	0.875	32.8	43.6	−26.8	51.2	328.4	0.544	0.962	0.0	0.205	294	0.416	0.0	1.0	34.8	49.8	−30.6	58.5	328.4
251	B18R_100_100$_{dd}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	33.5	47.0	−32.8	57.3	325.0	0.631	1.0	0.0	0.0	291	0.366	0.0	1.0	33.5	47.0	−32.8	57.3	325.0
252	R31Y_037_037$_{dd}$	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.118	0.0	33.9	14.9	20.0	25.0	53.2	0.0	0.622	0.747	0.689	48	1.0	0.316	0.0	59.6	39.8	53.5	66.7	53.2
253	R00Y_037_025$_{dd}$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	35.5	16.3	9.6	19.0	30.4	0.0	0.622	0.531	0.681	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
254	R00Y_037_025$_{dd}$	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.25	35.5	17.4	2.8	17.6	9.2	0.0	0.613	0.318	0.689	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
255	B50R_037_025$_{dd}$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	35.6	18.5	−2.1	18.6	353.2	0.0	0.612	0.15	0.693	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
256	B34R_050_037$_{dd}$	0.375	0.125	0.5	0.5	0.375	0.312	311	0.381	0.124	0.5	36.9	23.6	−7.2	24.7	342.9	0.058	0.665	0.0	0.634	311	0.683	0.0	1.0	41.6	63.1	−19.3	66.0	342.9
257	B25R_062_050$_{dd}$	0.375	0.125	0.625	0.625	0.5	0.375	300	0.375	0.125	0.625	37.5	26.9	−13.5	30.2	333.2	0.293	0.719	0.0	0.498	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
258	B19R_075_062$_{dd}$	0.375	0.125	0.75	0.75	0.625	0.437	293	0.364	0.125	0.75	37.9	30.1	−19.9	36.1	326.4	0.443	0.78	0.0	0.358	292	0.383	0.0	1.0	34.0	48.1	−31.9	57.7	326.4
259	B15R_087_075$_{dd}$	0.375	0.125	0.875	0.875	0.75	0.5	289	0.362	0.125	0.875	38.3	31.8	−27.3	41.9	319.3	0.566	0.814	0.0	0.189	288	0.316	0.0	1.0	32.0	42.4	−36.4	55.9	319.3
260	B13R_100_087$_{dd}$	0.375	0.125	1.0	1.0	0.875	0.562	286	0.358	0.125	1.0	38.7	32.9	−34.5	47.8	313.6	0.656	0.845	0.0	0.0	284	0.266	0.0	1.0	30.4	37.7	−39.5	54.6	313.6
261	R68Y_037_037$_{dd}$	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.256	0.0	40.6	3.1	28.0	28.1	83.6	0.0	0.356	0.747	0.688	71	1.0	0.683	0.0	77.5	8.3	74.7	75.1	83.6
262	R50Y_037_025$_{dd}$	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.25	0.124	40.6	6.0	15.7	16.8	69.1	0.0	0.371	0.613	0.693	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
263	R00Y_037_012$_{dd}$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	41.6	8.1	4.8	9.5	30.4	0.0	0.387	0.326	0.692	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
264	B50R_037_012$_{dd}$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	41.7	9.2	−1.0	9.3	353.2	0.0	0.38	0.135	0.699	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
265	B25R_050_025$_{dd}$	0.375	0.25	0.5	0.5	0.25	0.375	300	0.375	0.249	0.5	42.6	13.4	−6.7	15.1	333.2	0.098	0.472	0.0	0.638	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
266	B15R_062_037$_{dd}$	0.375	0.25	0.625	0.625	0.375	0.437	289	0.368	0.25	0.625	43.0	15.9	−13.6	20.9	319.3	0.334	0.558	0.0	0.501	288	0.316	0.0	1.0	32.0	42.4	−36.4	55.9	319.3
267	B11R_075_050$_{dd}$	0.375	0.25	0.75	0.75	0.5	0.5	284	0.366	0.25	0.75	43.5	17.7	−20.4	27.0	310.9	0.489	0.623	0.0	0.357	282	0.233	0.0	1.0	29.6	35.4	−40.8	54.1	310.9
268	B09R_087_062$_{dd}$	0.375	0.25	0.875	0.875	0.625	0.562	281	0.364	0.25	0.875	44.4	21.0	−26.3	33.6	308.6	0.573	0.672	0.0	0.201	279	0.183	0.0	1.0	28.8	33.6	−42.1	53.9	308.6
269	B07R_100_075$_{dd}$	0.375	0.25	1.0	1.0	0.75	0.625	279	0.362	0.25	1.0	45.3	24.3	−32.1	40.3	307.0	0.644	0.719	0.0	0.0	278	0.15	0.0	1.0	28.2	32.4	−42.8	53.7	307.0
270	Y00G_037_037$_{dd}$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	45.1	−3.5	33.4	33.6	96.0	0.0	0.265	0.797	0.625	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
271	Y00G_037_025$_{dd}$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	45.9	−2.3	22.2	22.4	96.0	0.0	0.121	0.668	0.693	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
272	Y00G_037_012$_{dd}$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	46.8	−1.1	11.1	11.2	96.0	0.0	0.088	0.422	0.701	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
273	NW_037$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	0.0	0.0	0.016	0.067	0.714	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
274	B00R_050_012$_{dd}$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	48.5	2.8	−5.9	6.6	295.6	0.164	0.201	0.0	0.642	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
275	B00R_062_025$_{dd}$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	49.3	5.7	−11.9	13.2	295.6	0.339	0.349	0.0	0.518	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
276	B00R_075_037$_{dd}$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	50.1	8.6	−17.9	19.9	295.6	0.467	0.449	0.0	0.377	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
277	B00R_087_050$_{dd}$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	50.9	11.4	−23.9	26.5	295.6	0.558	0.515	0.0	0.217	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
278	B00R_100_062$_{dd}$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	51.7	14.3	−29.9	33.1	295.6	0.641	0.569	0.0	0.014	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
279	Y23G_050_050$_{dd}$	0.375	0.5	0.0	0.5	0.5	0.25	104	0.383	0.5	0.0	51.3	−8.6	38.9	39.9	102.5	0.0	0.0	0.797	0.625	102	0.766	1.0	0.0	84.1	−17.3	77.9	79.8	102.5
280	Y31G_050_037$_{dd}$	0.375	0.5	0.125	0.5	0.375	0.312	109	0.381	0.5	0.124	51.5	−7.7	27.7	28.8	105.6	0.091	0.0	0.718	0.637	108	0.683	1.0	0.0	80.6	−20.7	74.1	76.9	105.6
281	Y50G_050_025$_{dd}$	0.375	0.5	0.25	0.5	0.25	0.375	120	0.375	0.5	0.249	51.6	−7.5	15.2	16.9	116.4	0.166	0.0	0.519	0.629	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
282	G00B_050_012$_{dd}$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	51.8	−8.6	2.8	9.1	161.6	0.322	0.0	0.318	0.589	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
283	G50B_050_012$_{dd}$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	52.6	−3.9	−5.6	6.9	234.6	0.238	0.0	0.028	0.624	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
284	G75B_062_025$_{dd}$	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.5	0.625	53.6	−1.9	−11.5	11.7	260.4	0.378	0.158	0.0	0.513	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4
285	G84B_075_037$_{dd}$	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.493	0.75	53.9	1.5	−17.5	17.6	275.0	0.488	0.317	0.0	0.379	251	0.0	0.316	1.0	35.1	4.1	−46.9	47.1	275.0
286	G88B_087_050$_{dd}$	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.491	0.875	54.5	4.7	−23.6	24.0	281.4	0.573	0.411	0.0	0.219	257	0.0	0.233	1.0	32.1	9.5	−47.2	48.1	281.4
287	G90B_100_062$_{dd}$	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.489	1.0	55.0	8.0	−29.7	30.7	285.1	0.649	0.478	0.0	0.022	260	0.0	0.183	1.0	30.2	12.8	−47.5	49.2	285.1
288	Y38G_062_062$_{dd}$	0.375	0.625	0.0	0.625	0.625	0.312	113	0.385	0.625	0.0	55.4	−14.8	44.1	46.5	108.5	0.216	0.0	0.867	0.5	112	0.616	1.0	0.0	77.6	−23.7	70.6	74.5	108.5
289	Y50G_062_050$_{dd}$	0.375	0.625	0.125	0.625	0.5	0.375	120	0.375	0.625	0.125	55.5	−15.1	30.4	33.9	116.4	0.335	0.0	0.765	0.497	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
290	Y68G_062_037$_{dd}$	0.375	0.625	0.25	0.625	0.375	0.437	131	0.368	0.625	0.25	55.4	−15.7	18.1	24.0	130.9	0.402	0.0	0.615	0.478	131	0.316	1.0	0.0	65.1	−42.0	48.3	64.0	130.9
291	G00B_062_025$_{dd}$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	56.0	−17.3	5.7	18.2	161.6	0.512	0.0	0.457	0.43	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
292	G25B_062_025$_{dd}$	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.5	56.7	−12.7	−4.3	13.4	198.8	0.476	0.0	0.237	0.458	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8
293	G50B_062_025$_{dd}$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	57.5	−7.9	−11.2	13.8	234.6	0.416	0.0	0.019	0.492	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
294	G65B_075_037$_{dd}$	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.631	0.75	59.2	−7.0	−17.2	18.6	247.6	0.514	0.119	0.0	0.371	228	0.0	0.683	1.0	49.1	−18.8	−45.9	49.6	247.6
295	G75B_087_050$_{dd}$	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.625	0.875	59.6	−3.8	−23.1	23.4	260.4	0.591	0.264	0.0	0.216	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4
296	G80B_100_062$_{dd}$	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.614	1.0	59.6	−0.1	−29.0	29.0	269.7	0.655	0.371	0.0	0.029	247	0.0	0.383	1.0	37.6	−0.2	−46.5	46.5	269.7
297	Y50G_075_075$_{dd}$	0.375	0.75	0.0	0.75	0.75	0.375	120	0.375	0.75	0.0	59.5	−22.6	45.6	50.9	116.4	0.456	0.0	0.921	0.357	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
298	Y61G_075_062$_{dd}$	0.375	0.75	0.125	0.75	0.625	0.437	127	0.364	0.75	0.125	59.8	−22.6	33.4	40.3	124.0	0.477	0.0	0.814	0.342	127	0.383	1.0	0.0	69.1	−36.1	53.5	64.6	124.0
299	Y76G_075_050$_{dd}$	0.375	0.75	0.25	0.75	0.5	0.5	136	0.366	0.75	0.25	58.8	−24.3	20.6	31.9	139.7	0.551	0.0	0.688	0.322	137	0.233	1.0	0.0	60.3	−48.7	41.3	63.9	139.7
300	G00B_075_037$_{dd}$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	60.1	−26.0	8.6	27.4	161.6	0.628	0.0	0.545	0.26	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
301	G15B_075_037$_{dd}$	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.493	60.8	−22.2	−0.7	22.2	181.9	0.614	0.0	0.394	0.279	168	0.0	1.0	0.316	53.4	−59.2	−2.0	59.3	181.9
302	G34B_075_037$_{dd}$	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.631	61.7	−16.2	−11.1	19.7	214.4	0.571	0.0	0.181	0.316	191	0.0	1.0	0.683	56.0	−43.3	−29.7	52.5	214.4
303	G50B_075_037$_{dd}$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	62.4	−11.9	−16.9	20.7	234.6	0.532	0.0	0.006	0.344	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
304	G61B_087_050$_{dd}$	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.758	0.875	64.3	−11.4	−22.8	25.5	243.3	0.608	0.107	0.0	0.207	222	0.0	0.766	1.0	51.8	−22.8	−45.6	51.0	243.3
305	G69B_100_062$_{dd}$	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.76	1.0	65.4	−9.6	−28.7	30.3	251.4	0.669	0.215	0.0	0.021	232	0.0	0.616	1.0	46.9	−15.4	−46.0	48.5	251.4
306	Y58G_087_087$_{dd}$	0.375	0.875	0.0	0.875	0.875	0.437	125	0.364	0.875	0.0	63.8	−30.2	48.7	57.3	121.8	0.554	0.0	0.965	0.191	125	0.416	1.0	0.0	70.2	−34.6	55.6	65.5	121.8
307	Y68G_087_075$_{dd}$	0.375	0.875	0.125	0.875	0.75	0.5	131	0.362	0.875	0.125	63.2	−31.5	36.2	48.0	130.9	0.59	0.0	0.864	0.179	131	0.316	1.0	0.0	65.1	−42.0	48.3	64.0	130.9
308	Y81G_087_062$_{dd}$	0.375	0.875	0.25	0.875	0.625	0.562	139	0.364	0.875	0.25	63.0	−32.6	23.6	40.3	144.1	0.641	0.0	0.739	0.155	140	0.183	1.0	0.0	58.6	−52.3	37.8	64.5	144.1
309	G00B_087_050$_{dd}$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	64.2	−34.6	11.5	36.5	161.6	0.7	0.0	0.611	0.081	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
310	G11B_087_050$_{dd}$	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.491	64.9	−31.2	2.6	31.3	175.2	0.691	0.0	0.493	0.098	162	0.0	1.0	0.233	52.9	−62.5	5.2	62.7	175.2
311	G25B_087_050$_{dd}$	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.625	65.7	−25.4	−8.6	26.8	198.8	0.668	0.0	0.326	0.136	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8
312	G38B_087_050$_{dd}$	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.758	66.8	−19.8	−17.2	26.2	221.1	0.641	0.0	0.147	0.166	197	0.0	1.0	0.766	56.7	−39.6	−34.5	52.5	221.1
313	G50B_087_050$_{dd}$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	67.3	−15.9	−22.5	27.6	234.6	0.618	0.002	0.0	0.188	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
314	G59B_100_062$_{dd}$	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	0.885	1.0	69.4	−15.6	−28.4	32.4	241.2	0.677	0.099	0.0	0.012	219	0.0	0.816	1.0	53.2	−25.0	−45.5	51.9	241.2
315	Y63G_100_100$_{dd}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	68.3	−37.3	52.3	64.3	125.4	0.632	0.0	1.0	0.0	128	0.366	1.0	0.0	68.3	−37.3	52.3	64.3	125.4
316	Y73G_100_087$_{dd}$	0.375	1.0	0.125	1.0	0.875	0.562	134	0.358	1.0	0.125	66.2	−40.4	38.4	55.8	136.4	0.672	0.0	0.894	0.0	135	0.266	1.0	0.0	61.9	−46.2	43.9	63.8	136.4
317	Y85G_100_075$_{dd}$	0.375	1.0	0.25	1.0	0.75	0.625	141	0.362	1.0	0.25	67.2	−40.8	26.4	48.7	147.0	0.683	0.0	0.761	0.0	142	0.15	1.0	0.0	57.5	−54.5	35.3	64.9	147.0
318	G00B_100_062$_{dd}$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	68.4	−43.3	14.4	45.6	161.6	0.75	0.0	0.625	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
319	G09B_100_062$_{dd}$	0.375	1.0	0.5	1.0	0.625	0.687	161	0.375	1.0	0.489	69.0	−40.2	5.6	40.5	172.0	0.749	0.0	0.623	0.0	159	0.0	1.0	0.183	52.6	−64.3	9.0	64.9	172.0
320	G19B_100_062$_{dd}$	0.375	1.0	0.625	1.0	0.625	0.687	173	0.375	1.0	0.614	69.8	−35.1	−4.7	35.4	187.7	0.695	0.0	0.376	0.0	172	0.0	1.0	0.383	53.9	−56.2	−7.6	56.7	187.7
321	G30B_100_062$_{dd}$	0.375	1.0	0.75	1.0	0.625	0.687	187	0.375	1.0	0.76	70.7	−28.8	−15.8	32.9	208.7	0.697	0.0	0.25	0.0	187	0.0	1.0	0.616	55.3	−46.2	−25.4	52.7	208.7
322	G40B_100_062$_{dd}$	0.375	1.0	0.875	1.0	0.625	0.687	199	0.375	1.0	0.885	71.7	−23.8	−23.1	33.1	224.1	0.687	0.0	0.125	0.0	200	0.0	1.0	0.816	56.9	−38.0	−36.9	53.0	224.1
323	G50B_100_062$_{dd}$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	72.3	−19.9	−28.2	34.5	234.6	0.683	0.0	0.003	0.0	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6

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

TUB-test chart SE04; 16 hues, offset standard paper APCO
colors and differences, Δ*E'*, 3D=1, de=0, *cmyk**

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

http://130.149.60.45/~farbmetrik/SE04/SE04L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE04/SE04LE30FA.DAT in file (F), page 24/33

n	HIC*Fdd	*rgb*_Fdd			*ict*_Fdd			*h*si_F,dd	*rgb**Fdd			*LabCh**Fdd				
324	R00Y_050_050dd	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	33.0	32.7	19.2	38.0	30.4
325	R26Y_050_050dd	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.116	33.1	33.4	13.1	35.9	21.4
326	R00Y_050_050dd	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.25	33.1	34.8	5.6	35.3	9.2
327	B61R_050_050dd	0.5	0.0	0.375	0.5	0.5	0.25	344	0.5	0.0	0.383	33.3	36.1	−0.6	36.1	358.9
328	B50R_050_050dd	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	33.3	37.1	−4.3	37.3	353.2
329	B40R_062_062dd	0.5	0.0	0.625	0.625	0.625	0.312	319	0.51	0.0	0.625	34.9	43.0	−8.6	43.9	348.6
330	B34R_075_075dd	0.5	0.0	0.75	0.75	0.75	0.375	311	0.512	0.0	0.75	35.9	47.3	−14.4	49.5	342.9
331	B29R_087_087dd	0.5	0.0	0.875	0.875	0.875	0.437	305	0.51	0.0	0.875	36.6	50.6	−20.9	54.8	337.5
332	B25R_100_100dd	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
333	R23Y_050_050dd	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.116	0.0	37.2	23.6	24.3	33.9	45.8
334	R00Y_050_037dd	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	39.1	24.5	14.4	28.5	30.4
335	R18Y_050_037dd	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.243	39.2	25.4	8.1	26.6	17.7
336	B65R_050_037dd	0.5	0.125	0.375	0.5	0.375	0.312	349	0.5	0.124	0.381	39.3	26.7	0.8	26.8	1.8
337	B50R_050_037dd	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	39.4	27.8	−3.2	28.0	353.2
338	B38R_062_050dd	0.5	0.125	0.625	0.625	0.5	0.375	316	0.508	0.125	0.625	40.8	33.6	−7.6	34.5	347.2
339	B30R_075_062dd	0.5	0.125	0.75	0.75	0.625	0.437	307	0.51	0.125	0.75	41.7	37.1	−14.0	39.7	339.2
340	B25R_087_075dd	0.5	0.125	0.875	0.875	0.75	0.5	300	0.5	0.125	0.875	42.1	40.4	−20.3	45.3	333.2
341	B20R_100_087dd	0.5	0.125	1.0	1.0	0.875	0.562	295	0.489	0.125	1.0	42.5	43.6	−26.8	51.2	328.4
342	R50Y_050_050dd	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	43.3	12.0	31.5	33.7	69.1
343	R31Y_050_037dd	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.243	0.124	43.7	14.9	20.0	25.0	53.2
344	R00Y_050_025dd	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	45.2	16.3	9.6	19.0	30.4
345	R00Y_050_025dd	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.375	45.3	17.4	2.8	17.6	9.2
346	B50R_050_025dd	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	45.4	18.5	−2.1	18.6	353.2
347	B34R_062_037dd	0.5	0.25	0.625	0.625	0.375	0.437	311	0.506	0.25	0.625	46.6	23.6	−7.2	24.7	342.9
348	B25R_075_050dd	0.5	0.25	0.75	0.75	0.5	0.5	300	0.5	0.25	0.75	47.2	26.9	−13.5	30.2	333.2
349	B19R_087_062dd	0.5	0.25	0.875	0.875	0.625	0.562	293	0.489	0.25	0.875	47.6	30.1	−19.9	36.1	326.4
350	B15R_100_075dd	0.5	0.25	1.0	1.0	0.75	0.625	289	0.487	0.25	1.0	48.1	31.8	−27.3	41.9	319.3
351	R76Y_050_050dd	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.383	0.0	49.8	1.2	39.4	39.4	88.1
352	R68Y_050_037dd	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.381	0.124	50.4	3.1	28.0	28.1	83.6
353	R50Y_050_025dd	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.375	0.249	50.3	6.0	15.7	16.8	69.1
354	R00Y_050_012dd	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	51.3	8.1	4.8	9.5	30.4
355	B50R_050_012dd	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	51.4	9.2	−1.0	9.3	353.2
356	B25R_062_025dd	0.5	0.375	0.625	0.625	0.25	0.5	300	0.5	0.375	0.625	52.3	13.4	−6.7	15.1	333.2
357	B15R_075_037dd	0.5	0.375	0.75	0.75	0.375	0.562	289	0.493	0.375	0.75	52.7	15.9	−13.6	20.9	319.3
358	B11R_087_050dd	0.5	0.375	0.875	0.875	0.5	0.625	284	0.491	0.375	0.875	53.3	17.7	−20.4	27.0	310.9
359	B09R_100_062dd	0.5	0.375	1.0	1.0	0.625	0.687	281	0.489	0.375	1.0	54.1	21.0	−26.3	33.6	308.6
360	Y00G_050_050dd	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	53.9	−4.7	44.5	44.8	96.0
361	Y00G_050_037dd	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	54.8	−3.5	33.4	33.6	96.0
362	Y00G_050_025dd	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	55.7	−2.3	22.2	22.4	96.0
363	Y00G_050_012dd	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	56.5	−1.1	11.1	11.2	96.0
364	NW_050dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	0.0
365	B00R_062_012dd	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	58.2	2.8	−5.9	6.6	295.6
366	B00R_075_025dd	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	59.0	5.7	−11.9	13.2	295.6
367	B00R_087_037dd	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	59.8	8.6	−17.9	19.9	295.6
368	B00R_100_050dd	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	60.6	11.4	−23.9	26.5	295.6
369	Y18G_062_062dd	0.5	0.625	0.0	0.625	0.625	0.312	101	0.51	0.625	0.0	60.2	−9.8	50.0	51.0	101.1
370	Y23G_062_050dd	0.5	0.625	0.125	0.625	0.5	0.375	104	0.508	0.625	0.125	61.0	−8.6	38.9	39.9	102.5
371	Y31G_062_037dd	0.5	0.625	0.25	0.625	0.375	0.437	109	0.506	0.625	0.25	61.2	−7.7	27.7	28.8	105.6
372	Y50G_062_025dd	0.5	0.625	0.375	0.625	0.25	0.5	120	0.5	0.625	0.375	61.3	−7.5	15.2	16.9	116.4
373	G00B_062_012dd	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	61.5	−8.6	2.8	9.1	161.6
374	G50B_062_012dd	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	62.3	−3.9	−5.6	6.9	234.6
375	G75B_075_025dd	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.625	0.75	63.4	−1.9	−11.5	11.7	260.4
376	G84B_087_037dd	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.618	0.875	63.7	1.5	−17.5	17.6	275.0
377	G88B_100_050dd	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.616	1.0	64.2	4.7	−23.6	24.0	281.4
378	Y31G_075_075dd	0.5	0.75	0.0	0.75	0.75	0.375	109	0.512	0.75	0.0	65.1	−15.5	55.5	57.7	105.6
379	Y38G_075_062dd	0.5	0.75	0.125	0.75	0.625	0.437	113	0.51	0.75	0.125	65.2	−14.8	44.1	46.5	108.5
380	Y50G_075_050dd	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	65.3	−15.1	30.4	33.9	116.4
381	Y68G_075_037dd	0.5	0.75	0.375	0.75	0.375	0.562	131	0.493	0.75	0.375	65.2	−15.7	18.1	24.0	130.9
382	G00B_075_025dd	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	65.7	−17.3	5.7	18.2	161.6
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	−12.7	−4.3	13.4	198.8
384	G50B_075_025dd	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	67.2	−7.9	−11.2	13.8	234.6
385	G65B_087_037dd	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.756	0.875	68.9	−7.0	−17.2	18.6	247.6
386	G75B_100_050dd	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.75	1.0	69.3	−3.8	−23.1	23.4	260.4
387	Y41G_087_087dd	0.5	0.875	0.0	0.875	0.875	0.437	115	0.51	0.875	0.0	69.1	−22.5	59.4	63.5	110.8
388	Y50G_087_075dd	0.5	0.875	0.125	0.875	0.75	0.5	120	0.5	0.875	0.125	69.2	−22.6	45.6	50.9	116.4
389	Y61G_087_062dd	0.5	0.875	0.25	0.875	0.625	0.562	127	0.489	0.875	0.25	69.6	−22.6	33.4	40.3	124.0
390	Y76G_087_050dd	0.5	0.875	0.375	0.875	0.5	0.625	136	0.491	0.875	0.375	68.6	−24.3	20.6	31.9	139.7
391	G00B_087_037dd	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	69.8	−26.0	8.6	27.4	161.6
392	G15B_087_037dd	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.618	70.5	−22.2	−0.7	22.2	181.9
393	G34B_087_037dd	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.756	71.5	−16.2	−11.1	19.7	214.4
394	G50B_087_037dd	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	72.2	−11.9	−16.9	20.7	234.6
395	G61B_100_050dd	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	0.883	1.0	74.0	−11.4	−22.8	25.5	243.3
396	Y50G_100_100dd	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
397	Y58G_100_087dd	0.5	1.0	0.125	1.0	0.875	0.562	125	0.489	1.0	0.125	73.5	−30.2	48.7	57.3	121.8
398	Y68G_100_075dd	0.5	1.0	0.25	1.0	0.75	0.625	131	0.487	1.0	0.25	72.9	−31.5	36.2	48.0	130.9
399	Y81G_100_062dd	0.5	1.0	0.375	1.0	0.625	0.687	139	0.489	1.0	0.375	72.8	−32.6	23.6	40.3	144.1
400	G00B_100_050dd	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	74.0	−34.6	11.5	36.5	161.6
401	G11B_100_050dd	0.5	1.0	0.625	1.0	0.5	0.75	164	0.5	1.0	0.616	74.6	−31.2	2.6	31.3	175.2
402	G25B_100_050dd	0.5	1.0	0.75	1.0	0.5	0.75	180	0.5	1.0	0.75	75.5	−25.4	−8.6	26.8	198.8
403	G38B_100_050dd	0.5	1.0	0.875	1.0	0.5	0.75	196	0.5	1.0	0.883	76.5	−19.8	−17.2	26.2	221.1
404	G50B_100_050dd	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	77.1	−15.9	−22.5	27.6	234.6

n	*cmyn**sep,Fdd				*h*siM,dd	*rgb**Mdd			*LabCh**Mdd				
324	0.0	0.833	0.825	0.567	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
325	0.0	0.831	0.664	0.571	377	1.0	0.0	0.233	47.8	66.9	26.3	71.9	21.4
326	0.0	0.827	0.468	0.576	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
327	0.0	0.825	0.283	0.581	342	1.0	0.0	0.766	48.1	72.2	−1.3	72.2	358.9
328	0.0	0.824	0.139	0.582	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
329	0.028	0.858	0.0	0.518	320	0.816	0.0	1.0	44.7	68.8	−13.7	70.2	348.6
330	0.247	0.916	0.0	0.374	311	0.683	0.0	1.0	41.6	63.1	−19.3	66.0	342.9
331	0.399	0.957	0.0	0.208	305	0.583	0.0	1.0	39.1	57.8	−23.9	62.6	337.5
332	0.5	1.0	0.0	0.0	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
333	0.0	0.705	0.83	0.572	42	1.0	0.233	0.0	55.9	47.3	48.7	67.9	45.8
334	0.0	0.698	0.625	0.559	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
335	0.0	0.694	0.472	0.565	371	1.0	0.0	0.316	47.8	67.7	21.6	71.1	17.7
336	0.0	0.693	0.28	0.57	348	1.0	0.0	0.683	48.1	71.4	2.3	71.4	1.8
337	0.0	0.693	0.145	0.571	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
338	0.0	0.72	0.0	0.523	317	0.766	0.0	1.0	43.6	67.3	−15.2	69.0	347.2
339	0.241	0.779	0.0	0.369	307	0.616	0.0	1.0	40.0	59.4	−22.5	63.5	339.2
340	0.388	0.824	0.0	0.207	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
341	0.482	0.869	0.0	0.005	294	0.416	0.0	1.0	34.8	49.8	−30.6	58.5	328.4
342	0.0	0.508	0.827	0.577	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
343	0.0	0.532	0.687	0.57	48	1.0	0.316	0.0	59.6	39.8	53.5	66.7	53.2
344	0.0	0.531	0.457	0.561	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
345	0.0	0.526	0.283	0.57	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
346	0.0	0.527	0.142	0.574	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
347	0.025	0.567	0.0	0.515	311	0.683	0.0	1.0	41.6	63.1	−19.3	66.0	342.9
348	0.249	0.641	0.0	0.371	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
349	0.392	0.695	0.0	0.208	292	0.383	0.0	1.0	34.0	48.1	−31.9	57.7	326.4
350	0.5	0.75	0.0	0.0	288	0.316	0.0	1.0	32.0	42.4	−36.4	55.9	319.3
351	0.0	0.311	0.824	0.582	77	1.0	0.766	0.0	81.2	2.5	78.8	78.9	88.1
352	0.0	0.299	0.738	0.579	71	1.0	0.683	0.0	77.5	8.3	74.7	75.1	83.6
353	0.0	0.325	0.528	0.58	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
354	0.0	0.329	0.28	0.58	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
355	0.0	0.326	0.115	0.591	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
356	0.072	0.394	0.0	0.514	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
357	0.296	0.486	0.0	0.37	288	0.316	0.0	1.0	32.0	42.4	−36.4	55.9	319.3
358	0.446	0.545	0.0	0.203	282	0.233	0.0	1.0	29.6	35.4	−40.8	54.1	310.9
359	0.517	0.597	0.0	0.0	279	0.183	0.0	1.0	28.8	33.6	−42.1	53.9	308.6
360	0.0	0.216	0.867	0.5	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
361	0.0	0.118	0.765	0.577	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
362	0.0	0.11	0.589	0.58	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
363	0.0	0.083	0.373	0.589	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
364	0.0	0.033	0.072	0.612	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
365	0.149	0.158	0.0	0.52	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
366	0.306	0.296	0.0	0.384	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
367	0.424	0.388	0.0	0.22	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
368	0.51	0.456	0.0	0.021	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
369	0.008	0.0	0.87	0.492	99	0.816	1.0	0.0	85.3	−15.8	80.1	81.6	101.1
370	0.062	0.0	0.778	0.496	102	0.766	1.0	0.0	84.1	−17.3	77.9	79.8	102.5
371	0.084	0.0	0.631	0.499	108	0.683	1.0	0.0	80.6	−20.7	74.1	76.9	105.6
372	0.16	0.0	0.461	0.498	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
373	0.305	0.0	0.282	0.465	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
374	0.233	0.0	0.023	0.5	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
375	0.348	0.128	0.0	0.382	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4
376	0.453	0.27	0.0	0.222	251	0.0	0.316	1.0	35.1	4.1	−46.9	47.1	275.0
377	0.53	0.366	0.0	0.023	257	0.0	0.233	1.0	32.1	9.5	−47.2	48.1	281.4
378	0.199	0.0	0.921	0.359	108	0.683	1.0	0.0	80.6	−20.7	74.1	76.9	105.6
379	0.264	0.0	0.842	0.364	112	0.616	1.0	0.0	77.6	−23.7	70.6	74.5	108.5
380	0.313	0.0	0.692	0.35	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
381	0.383	0.0	0.558	0.331	131	0.316	1.0	0.0	65.1	−42.0	48.3	64.0	130.9
382	0.483	0.0	0.417	0.279	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
383	0.449	0.0	0.214	0.311	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8
384	0.394	0.0	0.014	0.343	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
385	0.485	0.103	0.0	0.21	228	0.0	0.683	1.0	49.1	−18.8	−45.9	49.6	247.6
386	0.553	0.23	0.0	0.024	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4
387	0.358	0.0	0.963	0.2	114	0.583	1.0	0.0	76.3	−25.8	67.9	72.6	110.8
388	0.421	0.0	0.864	0.193	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
389	0.443	0.0	0.74	0.18	127	0.383	1.0	0.0	69.1	−36.1	53.5	64.6	124.0
390	0.528	0.0	0.631	0.161	137	0.233	1.0	0.0	60.3	−48.7	41.3	63.9	139.7
391	0.598	0.0	0.51	0.09	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
392	0.581	0.0	0.369	0.117	168	0.0	1.0	0.316	53.4	−59.2	−2.0	59.3	181.9
393	0.543	0.0	0.168	0.158	191	0.0	1.0	0.683	56.0	−43.3	−29.7	52.5	214.4
394	0.505	0.0	0.003	0.186	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
395	0.572	0.096	0.0	0.017	222	0.0	0.766	1.0	51.8	−22.8	−45.6	51.0	243.3
396	0.5	0.0	1.0	0.0	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
397	0.498	0.0	0.886	0.0	125	0.416	1.0	0.0	70.2	−34.6	55.6	65.5	121.8
398	0.531	0.0	0.782	0.0	131	0.316	1.0	0.0	65.1	−42.0	48.3	64.0	130.9
399	0.578	0.0	0.659	0.0	140	0.183	1.0	0.0	58.6	−52.3	37.8	64.5	144.1
400	0.623	0.0	0.623	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
401	0.623	0.0	0.498	0.0	162	0.0	1.0	0.233	52.9	−62.5	5.2	62.7	175.2
402	0.623	0.0	0.26	0.0	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8
403	0.592	0.0	0.125	0.0	197	0.0	1.0	0.766	56.7	−39.6	−34.5	52.5	221.1
404	0.583	0.0	0.005	0.0	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6

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

see similar files: http://130.149.60.45/~farbmetrik/SE04/SE04.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-SE04/SE04L0FA.TXT /.PS
application for measurement of offset print output, separationcmyn6* (CMYK)
TUB material: code=rha4ta

TUB-test chart SE04; 16 hues, offset standard paper APCO
colors and differences, ΔE'*, 3D=1, de=0, *cmyk**
input: *rgb/cmyk* −> *rgb*dd
output: 3D-linearization to *cmyk**dd

1−1032330−F0

http://130.149.60.45/~farbmetrik/SE04/SE04L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE04/SE04LE30FA.DAT in file (F), page 25/33

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
405	R00Y_062_062$_{dd}$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	36.6	40.9	24.0	47.5	30.4	0.0	0.892	0.89	0.441	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
406	R31Y_062_062$_{dd}$	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.114	36.7	41.6	18.0	45.4	23.4	0.0	0.891	0.746	0.444	380	1.0	0.0	0.183	47.7	66.7	28.9	72.7	23.4
407	R11Y_062_062$_{dd}$	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.239	36.8	42.7	11.1	44.1	14.6	0.0	0.889	0.585	0.448	367	1.0	0.0	0.383	47.8	68.3	17.8	70.6	14.6
408	B69R_062_062$_{dd}$	0.625	0.0	0.375	0.625	0.625	0.312	353	0.625	0.0	0.385	36.9	44.1	3.3	44.3	4.3	0.0	0.887	0.397	0.452	352	1.0	0.0	0.616	48.0	70.7	5.3	70.9	4.3
409	B59R_062_062$_{dd}$	0.625	0.0	0.5	0.625	0.625	0.312	341	0.625	0.0	0.51	37.0	45.4	−1.8	45.4	357.6	0.0	0.886	0.257	0.455	339	1.0	0.0	0.816	48.1	72.7	−2.9	72.7	357.6
410	B50R_062_062$_{dd}$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	37.1	46.3	−5.4	46.7	353.2	0.0	0.887	0.125	0.454	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
411	B42R_075_075$_{dd}$	0.625	0.0	0.75	0.75	0.75	0.375	321	0.637	0.0	0.75	38.6	52.4	−9.5	53.3	349.6	0.024	0.915	0.0	0.376	322	0.85	0.0	1.0	45.4	69.9	−12.7	71.0	349.6
412	B36R_087_087$_{dd}$	0.625	0.0	0.875	0.875	0.875	0.437	314	0.641	0.0	0.875	39.8	57.6	−14.5	59.4	345.8	0.205	0.958	0.0	0.223	315	0.733	0.0	1.0	42.9	65.8	−16.6	67.9	345.8
413	B31R_100_100$_{dd}$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	40.4	60.2	−21.7	64.0	340.1	0.367	1.0	0.0	0.0	308	0.633	0.0	1.0	40.4	60.2	−21.7	64.0	340.1
414	R18Y_062_062$_{dd}$	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.114	0.0	40.6	32.3	28.9	43.4	41.9	0.0	0.772	0.89	0.446	39	1.0	0.183	0.0	53.9	51.7	46.3	69.4	41.9
415	R00Y_062_050$_{dd}$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	42.7	32.7	19.2	38.0	30.4	0.0	0.76	0.693	0.427	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
416	R26Y_062_050$_{dd}$	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.241	42.9	33.4	13.1	35.9	21.4	0.0	0.757	0.565	0.431	377	1.0	0.0	0.233	47.8	66.9	26.3	71.9	21.4
417	R00Y_062_050$_{dd}$	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.375	42.9	34.8	5.6	35.3	9.2	0.0	0.759	0.406	0.436	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
418	B61R_062_050$_{dd}$	0.625	0.125	0.5	0.625	0.5	0.375	344	0.625	0.125	0.508	43.0	36.1	−0.6	36.1	358.9	0.0	0.759	0.253	0.44	342	1.0	0.0	0.766	48.1	72.2	−1.3	72.2	358.9
419	B50R_062_050$_{dd}$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	43.1	37.1	−4.3	37.3	353.2	0.0	0.758	0.135	0.441	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
420	B40R_075_062$_{dd}$	0.625	0.125	0.75	0.75	0.625	0.437	319	0.635	0.125	0.75	44.6	43.0	−8.6	43.9	348.6	0.0	0.798	0.008	0.374	320	0.816	0.0	1.0	44.7	68.8	−13.7	70.2	348.6
421	B34R_087_075$_{dd}$	0.625	0.125	0.875	0.875	0.75	0.5	311	0.637	0.125	0.875	45.6	47.3	−14.4	49.5	342.9	0.207	0.841	0.0	0.213	311	0.683	0.0	1.0	41.6	63.1	−19.3	66.0	342.9
422	B29R_100_087$_{dd}$	0.625	0.125	1.0	1.0	0.875	0.562	305	0.635	0.125	1.0	46.3	50.6	−20.9	54.8	337.5	0.354	0.873	0.0	0.002	305	0.583	0.0	1.0	39.1	57.8	−23.9	62.6	337.5
423	R38Y_062_062$_{dd}$	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.239	0.0	46.1	21.1	35.5	41.3	59.3	0.0	0.611	0.889	0.449	52	1.0	0.383	0.0	62.7	33.7	56.9	66.2	59.3
424	R23Y_062_050$_{dd}$	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.241	0.125	46.9	23.6	24.3	33.9	45.8	0.0	0.629	0.736	0.433	42	1.0	0.233	0.0	55.9	47.3	48.7	67.9	45.8
425	R00Y_062_037$_{dd}$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	48.8	24.5	14.4	28.5	30.4	0.0	0.623	0.538	0.415	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
426	R18Y_062_037$_{dd}$	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.368	48.9	25.4	8.1	26.6	17.7	0.0	0.622	0.407	0.423	371	1.0	0.0	0.316	47.8	67.7	21.6	71.1	17.7
427	B65R_062_037$_{dd}$	0.625	0.25	0.5	0.625	0.375	0.437	349	0.625	0.25	0.506	49.0	26.7	0.8	26.8	1.8	0.0	0.621	0.242	0.429	348	1.0	0.0	0.683	48.1	71.4	2.3	71.4	1.8
428	B50R_062_037$_{dd}$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	49.1	27.8	−3.2	28.0	353.2	0.0	0.621	0.133	0.432	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
429	B38R_075_050$_{dd}$	0.625	0.25	0.75	0.75	0.5	0.5	316	0.633	0.25	0.75	50.5	33.6	−7.6	34.5	347.2	0.0	0.668	0.018	0.368	317	0.766	0.0	1.0	43.6	67.3	−15.2	69.0	347.2
430	B30R_087_062$_{dd}$	0.625	0.25	0.875	0.875	0.625	0.562	307	0.635	0.25	0.875	51.4	37.1	−14.0	39.7	339.2	0.212	0.715	0.0	0.21	307	0.616	0.0	1.0	40.0	59.4	−22.5	63.5	339.2
431	B25R_100_075$_{dd}$	0.625	0.25	1.0	1.0	0.75	0.625	300	0.625	0.25	1.0	51.9	40.4	−20.3	45.3	333.2	0.349	0.764	0.0	0.0	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
432	R61Y_062_062$_{dd}$	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.385	0.0	53.5	8.1	44.4	45.1	79.5	0.0	0.413	0.892	0.441	67	1.0	0.616	0.0	74.5	13.0	71.0	72.2	79.5
433	R50Y_062_050$_{dd}$	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.375	0.125	53.0	12.0	31.5	33.7	69.1	0.0	0.449	0.771	0.435	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
434	R31Y_062_037$_{dd}$	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.368	0.25	53.4	14.9	20.0	25.0	53.2	0.0	0.476	0.591	0.425	48	1.0	0.316	0.0	59.6	39.8	53.5	66.7	53.2
435	R00Y_062_025$_{dd}$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	54.9	16.3	9.6	19.0	30.4	0.0	0.475	0.386	0.417	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
436	R00Y_062_025$_{dd}$	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.5	55.0	17.4	2.8	17.6	9.2	0.0	0.471	0.238	0.427	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
437	B50R_062_025$_{dd}$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	55.1	18.5	−2.1	18.6	353.2	0.0	0.471	0.121	0.432	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
438	B34R_075_037$_{dd}$	0.625	0.375	0.75	0.75	0.375	0.562	311	0.631	0.375	0.75	56.4	23.6	−7.2	24.7	342.9	0.009	0.523	0.0	0.375	311	0.683	0.0	1.0	41.6	63.1	−19.3	66.0	342.9
439	B25R_087_050$_{dd}$	0.625	0.375	0.875	0.875	0.5	0.625	300	0.625	0.375	0.875	57.0	26.9	−13.5	30.2	333.2	0.224	0.587	0.0	0.21	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
440	B19R_100_062$_{dd}$	0.625	0.375	1.0	1.0	0.625	0.687	293	0.614	0.375	1.0	57.4	30.1	−19.9	36.1	326.4	0.349	0.643	0.0	0.0	292	0.383	0.0	1.0	34.0	48.1	−31.9	57.7	326.4
441	R81Y_062_062$_{dd}$	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.51	0.0	58.9	−0.1	50.8	50.8	90.1	0.0	0.252	0.895	0.434	80	1.0	0.816	0.0	83.1	−0.2	81.3	81.3	90.1
442	R76Y_062_050$_{dd}$	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.508	0.125	59.6	1.2	39.4	39.4	88.1	0.0	0.25	0.8	0.433	77	1.0	0.766	0.0	81.2	2.5	78.8	78.9	88.1
443	R68Y_062_037$_{dd}$	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.506	0.25	60.1	3.1	28.0	28.1	83.6	0.0	0.256	0.641	0.433	71	1.0	0.683	0.0	77.5	8.3	74.7	75.1	83.6
444	R50Y_062_025$_{dd}$	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.5	0.375	60.1	6.0	15.7	16.8	69.1	0.0	0.282	0.451	0.435	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
445	R00Y_062_012$_{dd}$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	61.0	8.1	4.8	9.5	30.4	0.0	0.289	0.23	0.434	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
446	B50R_062_012$_{dd}$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	61.1	9.2	−1.0	9.3	353.2	0.0	0.286	0.093	0.445	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
447	B25R_075_025$_{dd}$	0.625	0.5	0.75	0.75	0.25	0.625	300	0.625	0.5	0.75	62.0	13.4	−6.7	15.1	333.2	0.058	0.364	0.0	0.374	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
448	B15R_087_037$_{dd}$	0.625	0.5	0.875	0.875	0.375	0.687	289	0.618	0.5	0.875	62.5	15.9	−13.6	20.9	319.3	0.266	0.444	0.0	0.203	288	0.316	0.0	1.0	32.0	42.4	−36.4	55.9	319.3
449	B11R_100_050$_{dd}$	0.625	0.5	1.0	1.0	0.5	0.75	284	0.616	0.5	1.0	63.0	17.7	−20.4	27.0	310.9	0.392	0.492	0.0	0.002	282	0.233	0.0	1.0	29.6	35.4	−40.8	54.1	310.9
450	Y00G_062_062$_{dd}$	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	62.8	−5.9	55.6	56.0	96.0	0.0	0.183	0.916	0.375	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
451	Y00G_062_050$_{dd}$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	63.7	−4.7	44.5	44.8	96.0	0.0	0.101	0.815	0.433	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
452	Y00G_062_037$_{dd}$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	64.5	−3.5	33.4	33.6	96.0	0.0	0.098	0.668	0.431	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
453	Y00G_062_025$_{dd}$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	65.4	−2.3	22.2	22.4	96.0	0.0	0.088	0.506	0.435	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
454	Y00G_062_012$_{dd}$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	66.3	−1.1	11.1	11.2	96.0	0.0	0.061	0.307	0.445	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
455	NW_062$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	67.1	0.0	0.0	0.0	0.0	0.0	0.014	0.045	0.469	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
456	B00R_075_012$_{dd}$	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	67.9	2.8	−5.9	6.6	295.6	0.118	0.14	0.0	0.378	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
457	B00R_087_025$_{dd}$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	68.8	5.7	−11.9	13.2	295.6	0.275	0.267	0.0	0.217	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
458	B00R_100_037$_{dd}$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	69.6	8.6	−17.9	19.9	295.6	0.382	0.361	0.0	0.024	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
459	Y15G_075_075$_{dd}$	0.625	0.75	0.0	0.75	0.75	0.375	99	0.637	0.75	0.0	69.2	−11.0	61.2	62.2	100.2	0.038	0.0	0.924	0.349	97	0.85	1.0	0.0	86.1	−14.7	81.6	82.9	100.2
460	Y18G_075_062$_{dd}$	0.625	0.75	0.125	0.75	0.625	0.437	101	0.635	0.75	0.125	70.0	−9.8	50.0	51.0	101.1	0.071	0.0	0.825	0.351	99	0.816	1.0	0.0	85.3	−15.8	80.1	81.6	101.1
461	Y23G_075_050$_{dd}$	0.625	0.75	0.25	0.75	0.5	0.5	104	0.633	0.75	0.25	70.7	−8.6	38.9	39.9	102.5	0.064	0.0	0.69	0.353	102	0.766	1.0	0.0	84.1	−17.3	77.9	79.8	102.5
462	Y31G_075_037$_{dd}$	0.625	0.75	0.375	0.75	0.375	0.562	109	0.631	0.75	0.375	71.0	−7.7	27.7	28.8	105.6	0.08	0.0	0.556	0.357	108	0.683	1.0	0.0	80.6	−20.7	74.1	76.9	105.6
463	Y50G_075_025$_{dd}$	0.625	0.75	0.5	0.75	0.25	0.625	120	0.625	0.75	0.5	71.1	−7.5	15.2	16.9	116.4	0.142	0.0	0.396	0.348	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
464	G00B_075_012$_{dd}$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	71.3	−8.6	2.8	9.1	161.6	0.272	0.0	0.237	0.303	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
465	G50B_075_012$_{dd}$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	72.1	−3.9	−5.6	6.9	234.6	0.202	0.0	0.015	0.34	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
466	G75B_087_025$_{dd}$	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.75	0.875	73.1	−1.9	−11.5	11.7	260.4	0.311	0.12	0.0	0.212	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4
467	G84B_100_037$_{dd}$	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.743	1.0	73.4	1.5	−17.5	17.6	275.0	0.407	0.241	0.0	0.029	251	0.0	0.316	1.0	35.1	4.1	−46.9	47.1	275.0
468	Y26G_087_087$_{dd}$	0.625	0.875	0.0	0.875	0.875	0.437	106	0.641	0.875	0.0	74.8	−16.2	66.8	68.8	103.6	0.243	0.0	0.965	0.189	104	0.733	1.0	0.0	82.9	−18.5	76.4	78.6	103.6
469	Y31G_087_075$_{dd}$	0.625	0.875	0.125	0.875	0.75	0.5	109	0.637	0.875	0.125	74.8	−15.5	55.5	57.7	105.6	0.244	0.0	0.865	0.196	108	0.683	1.0	0.0	80.6	−20.7	74.1	76.9	105.6
470	Y38G_087_062$_{dd}$	0.625	0.875	0.25	0.875	0.625	0.562	113	0.635	0.875	0.25	74.9	−14.8	44.1	46.5	108.5	0.247	0.0	0.75	0.201	112	0.616	1.0	0.0	77.6	−23.7	70.6	74.5	108.5
471	Y50G_087_050$_{dd}$	0.625	0.875	0.375	0.875	0.5	0.625	120	0.625	0.875	0.375	75.0	−15.1	30.4	33.9	116.4	0.285	0.0	0.613	0.19	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
472	Y68G_087_037$_{dd}$	0.625	0.875	0.5	0.875	0.375	0.687	131	0.618	0.875	0.5	74.9	−15.7	18.1	24.0	130.9	0.343	0.0	0.492	0.171	131	0.316	1.0	0.0	65.1	−42.0	48.3	64.0	130.9
473	G00B_087_025$_{dd}$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	75.4	−17.3	5.7	18.2	161.6	0.432	0.0	0.368	0.118	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
474	G25B_087_025$_{dd}$	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.75	76.2	−12.7	−4.3	13.4	198.8	0.397	0.0	0.183	0.153	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8
475	G50B_087_025$_{dd}$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	77.0	−7.9	−11.2	13.8	234.6	0.344	0.0	0.001	0.187	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
476	G65B_100_037$_{dd}$	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	0.881	1.0	78.6	−7.0	−17.2	18.6	247.6	0.433	0.101	0.0	0.026	228	0.0	0.683	1.0	49.1	−18.8	−45.9	49.6	247.6
477	Y36G_100_100$_{dd}$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	78.3	−22.8	71.7	75.2	107.6	0.368	0.0	1.0	0.0	111	0.633	1.0	0.0	78.3	−22.8	71.7	75.2	107.6
478	Y41G_100_087$_{dd}$	0.625	1.0	0.125	1.0	0.875	0.562	115	0.635	1.0	0.125	78.8	−22.5	59.4	63.5	110.8	0.374	0.0	0.887	0.0	114	0.583	1.0	0.0	76.3	−25.8	67.9	72.6	110.8
479	Y50G_100_075$_{dd}$	0.625	1.0	0.25	1.0	0.75	0.625	120	0.625	1.0	0.25	78.9	−22.6	45.6	50.9	116.4	0.382	0.0	0.763	0.0	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
480	Y61G_100_062$_{dd}$	0.625	1.0	0.375	1.0	0.625	0.687	127	0.614	1.0	0.375	79.3	−22.6	33.4	40.3	124.0	0.381	0.0	0.639	0.0	127	0.383	1.0	0.0	69.1	−36.1	53.5	64.6	124.0
481	Y76G_100_050$_{dd}$	0.625	1.0	0.5	1.0	0.5	0.75	136	0.616	1.0	0.5	78.3	−24.3	20.6	31.9	139.7	0.437	0.0	0.525	0.0	137	0.233	1.0	0.0	60.3	−48.7	41.3	63.9	139.7
482	G00B_100_037$_{dd}$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	79.6	−26.0	8.6	27.4	161.6	0.498	0.0	0.498	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
483	G15B_100_037$_{dd}$	0.625	1.0	0.75	1.0	0.375	0.812	169	0.625	1.0	0.743	80.2	−22.2	−0.7	22.2	181.9	0.467	0.0	0.25	0.0	168	0.0	1.0	0.316	53.4	−59.2	−2.0	59.3	181.9
484	G34B_100_037$_{dd}$	0.625	1.0	0.875	1.0	0.375	0.812	191	0.625	1.0	0.881	81.2	−16.2	−11.1	19.7	214.4	0.461	0.0	0.125	0.0	191	0.0	1.0	0.683	56.0	−43.3	−29.7	52.5	214.4
485	G50B_100_037$_{dd}$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	81.9	−11.9	−16.9	20.7	234.6	0.452	0.0	0.003	0.0	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6

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

TUB-test chart SE04; 16 hues, offset standard paper APCO colors and differences, Δ*E'**, 3D=1, de=0, *cmyk**

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

1−1032430−F0

see similar files: http://130.149.60.45/~farbmetrik/SE04/SE04.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

n	HIC^*_{Fdd}	*rgb*$_{\_Fdd}$			*ict*$_{\_Fdd}$			$h_{si\_F,dd}$	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*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	40.2	49.1	28.8	57.0	30.4	0.0	0.937	0.93	0.305	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
487	R35Y_075_075dd	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.112	40.4	49.8	22.9	54.9	24.7	0.0	0.936	0.794	0.306	382	1.0	0.0	0.15	47.6	66.4	30.6	73.2	24.7
488	R18Y_075_075dd	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.237	40.5	50.8	16.2	53.3	17.7	0.0	0.936	0.649	0.308	371	1.0	0.0	0.316	47.8	67.7	21.6	71.1	17.7
489	R00Y_075_075dd	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.375	40.5	52.2	8.5	52.9	9.2	0.0	0.935	0.497	0.312	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
490	B65R_075_075dd	0.75	0.0	0.5	0.75	0.75	0.375	349	0.75	0.0	0.512	40.7	53.5	1.7	53.6	1.8	0.0	0.933	0.346	0.311	348	1.0	0.0	0.683	48.1	71.4	2.3	71.4	1.8
491	B57R_075_075dd	0.75	0.0	0.625	0.75	0.75	0.375	339	0.75	0.0	0.637	40.7	54.7	−3.0	54.8	356.7	0.0	0.932	0.216	0.311	337	1.0	0.0	0.85	48.1	72.9	−4.0	73.0	356.7
492	B50R_075_075dd	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	40.8	55.6	−6.5	56.0	353.2	0.0	0.932	0.105	0.313	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
493	B43R_087_087dd	0.75	0.0	0.875	0.875	0.875	0.437	322	0.758	0.0	0.875	42.3	61.6	−10.7	62.5	350.1	0.059	0.959	0.0	0.215	322	0.866	0.0	1.0	45.7	70.4	−12.2	71.5	350.1
494	B38R_100_100dd	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	43.6	67.3	−15.2	69.0	347.2	0.234	0.999	0.0	0.0	317	0.766	0.0	1.0	43.6	67.3	−15.2	69.0	347.2
495	R15Y_075_075dd	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.112	0.0	44.0	40.9	33.4	52.8	39.2	0.0	0.819	0.937	0.304	37	1.0	0.15	0.0	52.5	54.5	44.5	70.4	39.2
496	R00Y_075_062dd	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	46.3	40.9	24.0	47.5	30.4	0.0	0.8	0.744	0.276	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
497	R31Y_075_062dd	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.239	46.5	41.6	18.0	45.4	23.4	0.0	0.8	0.629	0.279	380	1.0	0.0	0.183	47.7	66.7	28.9	72.7	23.4
498	R11Y_075_062dd	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.364	46.6	42.7	11.1	44.1	14.6	0.0	0.804	0.504	0.284	367	1.0	0.0	0.383	47.8	68.3	17.8	70.6	14.6
499	B69R_075_062dd	0.75	0.125	0.5	0.75	0.625	0.437	353	0.75	0.125	0.51	46.7	44.1	3.3	44.3	4.3	0.0	0.805	0.351	0.287	352	1.0	0.0	0.616	48.0	70.7	5.3	70.9	4.3
500	B59R_075_062dd	0.75	0.125	0.625	0.75	0.625	0.437	341	0.75	0.125	0.635	46.7	45.4	−1.8	45.4	357.6	0.0	0.806	0.23	0.288	339	1.0	0.0	0.816	48.1	72.7	−2.9	72.7	357.6
501	B50R_075_062dd	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	46.8	46.3	−5.4	46.7	353.2	0.0	0.808	0.127	0.289	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
502	B42R_087_075dd	0.75	0.125	0.875	0.875	0.75	0.5	321	0.762	0.125	0.875	48.4	52.4	−9.5	53.3	349.6	0.013	0.828	0.0	0.219	322	0.85	0.0	1.0	45.4	69.9	−12.7	71.0	349.6
503	B36R_100_087dd	0.75	0.125	1.0	1.0	0.875	0.562	314	0.766	0.125	1.0	49.6	57.6	−14.5	59.4	345.8	0.196	0.872	0.0	0.009	315	0.733	0.0	1.0	42.9	65.8	−16.6	67.9	345.8
504	R31Y_075_075dd	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.237	0.0	49.4	29.9	40.1	50.0	53.2	0.0	0.671	0.935	0.31	48	1.0	0.316	0.0	59.6	39.8	53.5	66.7	53.2
505	R18Y_075_062dd	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.239	0.125	50.3	32.3	28.9	43.4	41.9	0.0	0.686	0.782	0.287	39	1.0	0.183	0.0	53.9	51.7	46.3	69.4	41.9
506	R00Y_075_050dd	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	52.4	32.7	19.2	38.0	30.4	0.0	0.676	0.604	0.268	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
507	R26Y_075_050dd	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.366	52.6	33.4	13.1	35.9	21.4	0.0	0.678	0.494	0.273	377	1.0	0.0	0.233	47.8	66.9	26.3	71.9	21.4
508	R00Y_075_050dd	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.5	52.6	34.8	5.6	35.3	9.2	0.0	0.68	0.356	0.279	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
509	B61R_075_050dd	0.75	0.25	0.625	0.75	0.5	0.5	344	0.75	0.25	0.633	52.8	36.1	−0.6	36.1	358.9	0.0	0.681	0.223	0.282	342	1.0	0.0	0.766	48.1	72.2	−1.3	72.2	358.9
510	B50R_075_050dd	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.8	37.1	−4.3	37.3	353.2	0.0	0.685	0.131	0.284	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
511	B40R_087_062dd	0.75	0.25	0.875	0.875	0.625	0.562	319	0.76	0.25	0.875	54.3	43.0	−8.6	43.9	348.6	0.0	0.71	0.003	0.223	320	0.816	0.0	1.0	44.7	68.8	−13.7	70.2	348.6
512	B34R_100_075dd	0.75	0.25	1.0	1.0	0.75	0.625	311	0.762	0.25	1.0	55.3	47.3	−14.4	49.5	342.9	0.208	0.765	0.0	0.0	311	0.683	0.0	1.0	41.6	63.1	−19.3	66.0	342.9
513	R50Y_075_075dd	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.375	0.0	55.7	18.0	47.2	50.5	69.1	0.0	0.518	0.935	0.312	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
514	R38Y_075_062dd	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.364	0.125	55.9	21.1	35.5	41.3	59.3	0.0	0.535	0.811	0.298	52	1.0	0.383	0.0	62.7	33.7	56.9	66.2	59.3
515	R23Y_075_050dd	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.366	0.25	56.7	23.6	24.3	33.9	45.8	0.0	0.557	0.649	0.282	42	1.0	0.233	0.0	55.9	47.3	48.7	67.9	45.8
516	R00Y_075_037dd	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	58.5	24.5	14.4	28.5	30.4	0.0	0.553	0.476	0.266	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
517	R18Y_075_037dd	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.493	58.7	25.4	8.1	26.6	17.7	0.0	0.551	0.36	0.274	371	1.0	0.0	0.316	47.8	67.7	21.6	71.1	17.7
518	B65R_075_037dd	0.75	0.375	0.625	0.75	0.375	0.562	349	0.75	0.375	0.631	58.8	26.7	0.8	26.8	1.8	0.0	0.553	0.215	0.281	348	1.0	0.0	0.683	48.1	71.4	2.3	71.4	1.8
519	B50R_075_037dd	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	58.8	27.8	−3.2	28.0	353.2	0.0	0.556	0.125	0.284	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
520	B38R_087_050dd	0.75	0.375	0.875	0.875	0.5	0.625	316	0.758	0.375	0.875	60.3	33.6	−7.6	34.5	347.2	0.0	0.59	0.004	0.223	317	0.766	0.0	1.0	43.6	67.3	−15.2	69.0	347.2
521	B30R_100_062dd	0.75	0.375	1.0	1.0	0.625	0.687	307	0.76	0.375	1.0	61.1	37.1	−14.0	39.7	339.2	0.215	0.643	0.0	0.0	307	0.616	0.0	1.0	40.0	59.4	−22.5	63.5	339.2
522	R68Y_075_075dd	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.512	0.0	62.8	6.2	56.0	56.3	83.6	0.0	0.348	0.936	0.308	71	1.0	0.683	0.0	77.5	8.3	74.7	75.1	83.6
523	R61Y_075_062dd	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.51	0.125	63.2	8.1	44.4	45.1	79.5	0.0	0.353	0.837	0.301	67	1.0	0.616	0.0	74.5	13.0	71.0	72.2	79.5
524	R50Y_075_050dd	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	62.7	12.0	31.5	33.7	69.1	0.0	0.39	0.686	0.293	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
525	R31Y_075_037dd	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.493	0.375	63.1	14.9	20.0	25.0	53.2	0.0	0.418	0.527	0.283	48	1.0	0.316	0.0	59.6	39.8	53.5	66.7	53.2
526	R00Y_075_025dd	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	64.7	16.3	9.6	19.0	30.4	0.0	0.415	0.342	0.276	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
527	R00Y_075_025dd	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.625	64.7	17.4	2.8	17.6	9.2	0.0	0.414	0.211	0.286	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
528	B50R_075_025dd	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	64.8	18.5	−2.1	18.6	353.2	0.0	0.414	0.106	0.289	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
529	B34R_087_037dd	0.75	0.5	0.875	0.875	0.375	0.687	311	0.756	0.5	0.875	66.1	23.6	−7.2	24.7	342.9	0.031	0.466	0.0	0.218	311	0.683	0.0	1.0	41.6	63.1	−19.3	66.0	342.9
530	B25R_100_050dd	0.75	0.5	1.0	1.0	0.5	0.75	300	0.75	0.5	1.0	66.7	26.9	−13.5	30.2	333.2	0.23	0.521	0.0	0.006	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
531	R85Y_075_075dd	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.637	0.0	67.9	−1.6	62.1	62.1	91.5	0.0	0.197	0.935	0.31	81	1.0	0.85	0.0	84.4	−2.2	82.8	82.8	91.5
532	R81Y_075_062dd	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.635	0.125	68.6	−0.1	50.8	50.8	90.1	0.0	0.209	0.853	0.301	80	1.0	0.816	0.0	83.1	−0.2	81.3	81.3	90.1
533	R76Y_075_050dd	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.633	0.25	69.3	1.2	39.4	39.4	88.1	0.0	0.215	0.719	0.296	77	1.0	0.766	0.0	81.2	2.5	78.8	78.9	88.1
534	R68Y_075_037dd	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.631	0.375	69.8	3.1	28.0	28.1	83.6	0.0	0.222	0.576	0.294	71	1.0	0.683	0.0	77.5	8.3	74.7	75.1	83.6
535	R50Y_075_025dd	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.625	0.5	69.8	6.0	15.7	16.8	69.1	0.0	0.243	0.401	0.298	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
536	R00Y_075_012dd	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	70.8	8.1	4.8	9.5	30.4	0.0	0.248	0.201	0.299	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
537	B50R_075_012dd	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	70.9	9.2	−1.0	9.3	353.2	0.0	0.24	0.073	0.309	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
538	B25R_087_025dd	0.75	0.625	0.875	0.875	0.25	0.75	300	0.75	0.625	0.875	71.8	13.4	−6.7	15.1	333.2	0.075	0.325	0.0	0.217	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
539	B15R_100_037dd	0.75	0.625	1.0	1.0	0.375	0.812	289	0.743	0.625	1.0	72.2	15.9	−13.6	20.9	319.3	0.265	0.399	0.0	0.001	288	0.316	0.0	1.0	32.0	42.4	−36.4	55.9	319.3
540	Y00G_075_075dd	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	71.6	−7.1	66.8	67.2	96.0	0.0	0.158	0.951	0.25	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
541	Y00G_075_062dd	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	72.5	−5.9	55.6	56.0	96.0	0.0	0.082	0.864	0.3	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
542	Y00G_075_050dd	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	73.4	−4.7	44.5	44.8	96.0	0.0	0.088	0.739	0.294	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
543	Y00G_075_037dd	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	74.3	−3.5	33.4	33.6	96.0	0.0	0.086	0.606	0.293	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
544	Y00G_075_025dd	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	75.1	−2.3	22.2	22.4	96.0	0.0	0.079	0.453	0.298	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
545	Y00G_075_012dd	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	76.0	−1.1	11.1	11.2	96.0	0.0	0.047	0.262	0.311	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
546	NW_075dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.9	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.333	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	77.7	2.8	−5.9	6.6	295.6	0.125	0.132	0.0	0.217	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
548	B00R_100_025dd	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	78.5	5.7	−11.9	13.2	295.6	0.269	0.234	0.0	0.024	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
549	Y13G_087_087dd	0.75	0.875	0.0	0.875	0.875	0.437	98	0.758	0.875	0.0	78.0	−12.4	72.0	73.1	99.7	0.057	0.0	0.962	0.203	97	0.866	1.0	0.0	86.5	−14.2	82.3	83.5	99.7
550	Y15G_087_075dd	0.75	0.875	0.125	0.875	0.75	0.5	99	0.762	0.875	0.125	78.9	−11.0	61.2	62.2	100.2	0.074	0.0	0.879	0.202	97	0.85	1.0	0.0	86.1	−14.7	81.6	82.9	100.2
551	Y18G_087_062dd	0.75	0.875	0.25	0.875	0.625	0.562	101	0.76	0.875	0.25	79.7	−9.8	50.0	51.0	101.1	0.064	0.0	0.763	0.204	99	0.816	1.0	0.0	85.3	−15.8	80.1	81.6	101.1
552	Y23G_087_050dd	0.75	0.875	0.375	0.875	0.5	0.625	104	0.758	0.875	0.375	80.5	−8.6	38.9	39.9	102.5	0.057	0.0	0.637	0.206	102	0.766	1.0	0.0	84.1	−17.3	77.9	79.8	102.5
553	Y31G_087_037dd	0.75	0.875	0.5	0.875	0.375	0.687	109	0.756	0.875	0.5	80.7	−7.7	27.7	28.8	105.6	0.075	0.0	0.51	0.208	108	0.683	1.0	0.0	80.6	−20.7	74.1	76.9	105.6
554	Y50G_087_025dd	0.75	0.875	0.625	0.875	0.25	0.75	120	0.75	0.875	0.625	80.8	−7.5	15.2	16.9	116.4	0.137	0.0	0.353	0.194	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
555	G00B_087_012dd	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	81.0	−8.6	2.8	9.1	161.6	0.255	0.0	0.2	0.156	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
556	G50B_087_012dd	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	81.8	−3.9	−5.6	6.9	234.6	0.192	0.0	0.002	0.188	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
557	G75B_100_025dd	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.875	1.0	82.8	−1.9	−11.5	11.7	260.4	0.297	0.117	0.0	0.023	240	0.0	0.5	1.0	42.3	−7.7	−46.3	46.9	260.4
558	Y23G_100_100dd	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	84.1	−17.3	77.9	79.8	102.5	0.234	0.0	1.0	0.0	102	0.766	1.0	0.0	84.1	−17.3	77.9	79.8	102.5
559	Y26G_100_087dd	0.75	1.0	0.125	1.0	0.875	0.562	106	0.766	1.0	0.125	84.6	−16.2	66.8	68.8	103.6	0.222	0.0	0.904	0.009	104	0.733	1.0	0.0	82.9	−18.5	76.4	78.6	103.6
560	Y31G_100_075dd	0.75	1.0	0.25	1.0	0.75	0.625	109	0.762	1.0	0.25	84.5	−15.5	55.5	57.7	105.6	0.227	0.0	0.806	0.021	108	0.683	1.0	0.0	80.6	−20.7	74.1	76.9	105.6
561	Y38G_100_062dd	0.75	1.0	0.375	1.0	0.625	0.687	113	0.76	1.0	0.375	84.6	−14.8	44.1	46.5	108.5	0.235	0.0	0.698	0.026	112	0.616	1.0	0.0	77.6	−23.7	70.6	74.5	108.5
562	Y50G_100_050dd	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	84.7	−15.1	30.4	33.9	116.4	0.277	0.0	0.566	0.002	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
563	Y68G_100_037dd	0.75	1.0	0.625	1.0	0.375	0.812	131	0.743	1.0	0.625	84.6	−15.7	18.1	24.0	130.9	0.308	0.0	0.429	0.0	131	0.316	1.0	0.0	65.1	−42.0	48.3	64.0	130.9
564	G00B_100_025dd	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	85.1	−17.3	5.7	18.2	161.6	0.347	0.0	0.25	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
565	G25B_100_025dd	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.875	85.9	−12.7	−4.3	13.4	198.8	0.342	0.0	0.125	0.0	180	0.0	1.0	0.5	54.6	−50.8	−17.3	53.7	198.8
566	G50B_100_025dd	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	86.7	−7.9	−11.2	13.8	234.6	0.325	0.0	0.002	0.001	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6

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

TUB registration: 20130201-SE04/SE04L0FA.TXT /.PS
application for measurement of offset print output, separationcmyn6* (CMYK)
TUB material: code=rha4ta

TUB-test chart SE04; 16 hues, offset standard paper APCO
colors and differences, $\Delta E'^*$, 3D=1, de=0, *cmyk**

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

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$				*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$			
567	R00Y_087_087$_{dd}$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	43.9	57.3	33.6	66.5	30.4	0.0	0.964	0.969	0.172	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
568	R36Y_087_087$_{dd}$	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.116	44.0	58.0	27.5	64.2	25.4	0.0	0.965	0.848	0.173	382	1.0	0.0	0.133	47.6	66.3	31.5	73.4	25.4
569	R23Y_087_087$_{dd}$	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.233	44.1	58.8	21.4	62.6	20.0	0.0	0.965	0.722	0.174	375	1.0	0.0	0.266	47.8	67.2	24.5	71.5	20.0
570	R08Y_087_087$_{dd}$	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.364	44.2	60.2	14.0	61.8	13.1	0.0	0.967	0.582	0.175	365	1.0	0.0	0.416	47.8	68.8	16.0	70.6	13.1
571	B70R_087_087$_{dd}$	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.51	44.3	61.6	6.2	61.9	5.7	0.0	0.963	0.434	0.174	354	1.0	0.0	0.583	48.0	70.4	7.1	70.8	5.7
572	B63R_087_087$_{dd}$	0.875	0.0	0.625	0.875	0.875	0.437	346	0.875	0.0	0.641	44.4	62.9	0.0	62.9	359.9	0.0	0.962	0.294	0.174	344	1.0	0.0	0.733	48.1	71.9	0.0	71.9	359.9
573	B56R_087_087$_{dd}$	0.875	0.0	0.75	0.875	0.875	0.437	338	0.875	0.0	0.758	44.4	63.9	−4.0	64.0	356.3	0.0	0.962	0.181	0.175	337	1.0	0.0	0.866	48.2	73.1	−4.6	73.2	356.3
574	B50R_087_087$_{dd}$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	44.5	64.9	−7.6	65.3	353.2	0.0	0.962	0.06	0.18	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
575	B44R_100_100$_{dd}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	46.0	70.9	−11.8	71.9	350.5	0.117	1.0	0.0	0.0	323	0.883	0.0	1.0	46.0	70.9	−11.8	71.9	350.5
576	R13Y_087_087$_{dd}$	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.116	0.0	47.7	48.9	38.1	62.1	37.9	0.0	0.842	0.969	0.169	37	1.0	0.133	0.0	51.8	55.9	43.6	70.9	37.9
577	R00Y_087_075$_{dd}$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	50.0	49.1	28.8	57.0	30.4	0.0	0.831	0.797	0.144	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
578	R35Y_087_075$_{dd}$	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.237	50.1	49.8	22.9	54.9	24.7	0.0	0.834	0.691	0.145	382	1.0	0.0	0.15	47.6	66.4	30.6	73.2	24.7
579	R18Y_087_075$_{dd}$	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.362	50.2	50.8	16.2	53.3	17.7	0.0	0.836	0.577	0.146	371	1.0	0.0	0.316	47.8	67.7	21.6	71.1	17.7
580	R00Y_087_075$_{dd}$	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.5	50.2	52.2	8.5	52.9	9.2	0.0	0.837	0.444	0.15	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
581	B65R_087_075$_{dd}$	0.875	0.125	0.625	0.875	0.75	0.5	349	0.875	0.125	0.637	50.4	53.5	1.7	53.6	1.8	0.0	0.838	0.312	0.151	348	1.0	0.0	0.683	48.1	71.4	2.3	71.4	1.8
582	B57R_087_075$_{dd}$	0.875	0.125	0.75	0.875	0.75	0.5	339	0.875	0.125	0.762	50.5	54.7	−3.0	54.8	356.7	0.0	0.841	0.199	0.153	337	1.0	0.0	0.85	48.1	72.9	−4.0	73.0	356.7
583	B50R_087_075$_{dd}$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	50.5	55.6	−6.5	56.0	353.2	0.0	0.842	0.101	0.154	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
584	B43R_100_087$_{dd}$	0.875	0.125	1.0	1.0	0.875	0.562	322	0.883	0.125	1.0	52.0	61.6	−10.7	62.5	350.1	0.049	0.875	0.0	0.026	322	0.866	0.0	1.0	45.7	70.4	−12.2	71.5	350.1
585	R26Y_087_087$_{dd}$	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.233	0.0	52.5	38.8	44.2	58.8	48.7	0.0	0.719	0.969	0.172	44	1.0	0.266	0.0	57.3	44.3	50.5	67.2	48.7
586	R15Y_087_075$_{dd}$	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.237	0.125	53.7	40.9	33.4	52.8	39.2	0.0	0.732	0.824	0.148	37	1.0	0.15	0.0	52.5	54.5	44.5	70.4	39.2
587	R00Y_087_062$_{dd}$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	56.1	40.9	24.0	47.5	30.4	0.0	0.72	0.655	0.125	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
588	R31Y_087_062$_{dd}$	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.364	56.2	41.6	18.0	45.4	23.4	0.0	0.723	0.558	0.128	380	1.0	0.0	0.183	47.7	66.7	28.9	72.7	23.4
589	R11Y_087_062$_{dd}$	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.489	56.3	42.7	11.1	44.1	14.6	0.0	0.723	0.446	0.131	367	1.0	0.0	0.383	47.8	68.3	17.8	70.6	14.6
590	B69R_087_062$_{dd}$	0.875	0.25	0.625	0.875	0.625	0.562	353	0.875	0.25	0.635	56.4	44.1	3.3	44.3	4.3	0.0	0.725	0.312	0.136	352	1.0	0.0	0.616	48.0	70.7	5.3	70.9	4.3
591	B59R_087_062$_{dd}$	0.875	0.25	0.75	0.875	0.625	0.562	341	0.875	0.25	0.76	56.5	45.4	−1.8	45.4	357.6	0.0	0.728	0.201	0.139	339	1.0	0.0	0.816	48.1	72.7	−2.9	72.7	357.6
592	B50R_087_062$_{dd}$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	56.5	46.3	−5.4	46.7	353.2	0.0	0.729	0.109	0.141	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
593	B42R_100_075$_{dd}$	0.875	0.25	1.0	1.0	0.75	0.625	321	0.887	0.25	1.0	58.1	52.4	−9.5	53.3	349.6	0.025	0.768	0.0	0.023	322	0.85	0.0	1.0	45.4	69.9	−12.7	71.0	349.6
594	R41Y_087_087$_{dd}$	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.364	0.0	58.5	27.2	51.4	58.2	62.1	0.0	0.585	0.969	0.172	54	1.0	0.416	0.0	64.2	31.1	58.8	66.5	62.1
595	R31Y_087_075$_{dd}$	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.362	0.125	59.1	29.9	40.1	50.0	53.2	0.0	0.601	0.851	0.152	48	1.0	0.316	0.0	59.6	39.8	53.5	66.7	53.2
596	R18Y_087_062$_{dd}$	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.364	0.25	60.1	32.3	28.9	43.4	41.9	0.0	0.622	0.692	0.132	39	1.0	0.183	0.0	53.9	51.7	46.3	69.4	41.9
597	R00Y_087_050$_{dd}$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	62.2	32.7	19.2	38.0	30.4	0.0	0.613	0.531	0.109	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
598	R26Y_087_050$_{dd}$	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.491	62.3	33.4	13.1	35.9	21.4	0.0	0.612	0.436	0.116	377	1.0	0.0	0.233	47.8	66.9	26.3	71.9	21.4
599	R00Y_087_050$_{dd}$	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.625	62.3	34.8	5.6	35.3	9.2	0.0	0.616	0.317	0.125	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
600	B61R_087_050$_{dd}$	0.875	0.375	0.75	0.875	0.5	0.625	344	0.875	0.375	0.758	62.5	36.1	−0.6	36.1	358.9	0.0	0.618	0.192	0.131	342	1.0	0.0	0.766	48.1	72.2	−1.3	72.2	358.9
601	B50R_087_050$_{dd}$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	62.5	37.1	−4.3	37.3	353.2	0.0	0.62	0.106	0.133	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
602	B40R_100_062$_{dd}$	0.875	0.375	1.0	1.0	0.625	0.687	319	0.885	0.375	1.0	64.0	43.0	−8.6	43.9	348.6	0.011	0.655	0.0	0.024	320	0.816	0.0	1.0	44.7	68.8	−13.7	70.2	348.6
603	R58Y_087_087$_{dd}$	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.51	0.0	65.9	14.3	60.3	62.0	76.5	0.0	0.436	0.969	0.171	65	1.0	0.583	0.0	72.6	16.4	68.9	70.8	76.5
604	R50Y_087_075$_{dd}$	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.5	0.125	65.4	18.0	47.2	50.5	69.1	0.0	0.463	0.865	0.158	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
605	R38Y_087_062$_{dd}$	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.489	0.25	65.6	21.1	35.5	41.3	59.3	0.0	0.487	0.724	0.143	52	1.0	0.383	0.0	62.7	33.7	56.9	66.2	59.3
606	R23Y_087_050$_{dd}$	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.491	0.375	66.4	23.6	24.3	33.9	45.8	0.0	0.507	0.574	0.127	42	1.0	0.233	0.0	55.9	47.3	48.7	67.9	45.8
607	R00Y_087_037$_{dd}$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	68.3	24.5	14.4	28.5	30.4	0.0	0.5	0.416	0.109	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
608	R18Y_087_037$_{dd}$	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.618	68.4	25.4	8.1	26.6	17.7	0.0	0.501	0.315	0.12	371	1.0	0.0	0.316	47.8	67.7	21.6	71.1	17.7
609	B65R_087_037$_{dd}$	0.875	0.5	0.75	0.875	0.375	0.687	349	0.875	0.5	0.756	68.5	26.7	0.8	26.8	1.8	0.0	0.505	0.183	0.13	348	1.0	0.0	0.683	48.1	71.4	2.3	71.4	1.8
610	B50R_087_037$_{dd}$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	68.6	27.8	−3.2	28.0	353.2	0.0	0.506	0.093	0.133	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
611	B38R_100_050$_{dd}$	0.875	0.5	1.0	1.0	0.5	0.75	316	0.883	0.5	1.0	70.0	33.6	−7.6	34.5	347.2	0.012	0.534	0.0	0.023	317	0.766	0.0	1.0	43.6	67.3	−15.2	69.0	347.2
612	R73Y_087_087$_{dd}$	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.641	0.0	72.1	4.1	67.5	67.7	86.5	0.0	0.279	0.978	0.125	75	1.0	0.733	0.0	79.8	4.7	77.2	77.3	86.5
613	R68Y_087_075$_{dd}$	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.637	0.125	72.5	6.2	56.0	56.3	83.6	0.0	0.307	0.885	0.158	71	1.0	0.683	0.0	77.5	8.3	74.7	75.1	83.6
614	R61Y_087_062$_{dd}$	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.635	0.25	72.9	8.1	44.4	45.1	79.5	0.0	0.318	0.757	0.15	67	1.0	0.616	0.0	74.5	13.0	71.0	72.2	79.5
615	R50Y_087_050$_{dd}$	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.625	0.375	72.5	12.0	31.5	33.7	69.1	0.0	0.353	0.611	0.142	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
616	R31Y_087_037$_{dd}$	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.618	0.5	72.8	14.9	20.0	25.0	53.2	0.0	0.377	0.463	0.131	48	1.0	0.316	0.0	59.6	39.8	53.5	66.7	53.2
617	R00Y_087_025$_{dd}$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	74.4	16.3	9.6	19.0	30.4	0.0	0.372	0.295	0.123	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
618	R00Y_087_025$_{dd}$	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.75	74.5	17.4	2.8	17.6	9.2	0.0	0.374	0.175	0.136	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
619	B50R_087_025$_{dd}$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	74.6	18.5	−2.1	18.6	353.2	0.0	0.374	0.07	0.143	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
620	B34R_100_037$_{dd}$	0.875	0.625	1.0	1.0	0.375	0.812	311	0.881	0.625	1.0	75.8	23.6	−7.2	24.7	342.9	0.05	0.42	0.0	0.013	311	0.683	0.0	1.0	41.6	63.1	−19.3	66.0	342.9
621	R86Y_087_087$_{dd}$	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.758	0.0	76.7	−2.8	73.1	73.2	92.2	0.0	0.161	0.969	0.168	82	1.0	0.866	0.0	85.0	−3.2	83.6	83.6	92.2
622	R85Y_087_075$_{dd}$	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.762	0.125	77.6	−1.6	62.1	62.1	91.5	0.0	0.171	0.893	0.158	81	1.0	0.85	0.0	84.4	−2.2	82.8	82.8	91.5
623	R81Y_087_062$_{dd}$	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.76	0.25	78.3	−0.1	50.8	50.8	90.1	0.0	0.186	0.774	0.149	80	1.0	0.816	0.0	83.1	−0.2	81.3	81.3	90.1
624	R76Y_087_050$_{dd}$	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.758	0.375	79.0	1.2	39.4	39.4	88.1	0.0	0.191	0.646	0.145	77	1.0	0.766	0.0	81.2	2.5	78.8	78.9	88.1
625	R68Y_087_037$_{dd}$	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.756	0.5	79.6	3.1	28.0	28.1	83.6	0.0	0.194	0.511	0.144	71	1.0	0.683	0.0	77.5	8.3	74.7	75.1	83.6
626	R50Y_087_025$_{dd}$	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.75	0.625	79.5	6.0	15.7	16.8	69.1	0.0	0.209	0.348	0.149	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
627	R00Y_087_012$_{dd}$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	80.5	8.1	4.8	9.5	30.4	0.0	0.213	0.165	0.149	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
628	B50R_087_012$_{dd}$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	80.6	9.2	−1.0	9.3	353.2	0.0	0.204	0.043	0.162	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
629	B25R_100_025$_{dd}$	0.875	0.75	1.0	1.0	0.25	0.875	300	0.875	0.75	1.0	81.5	13.4	−6.7	15.1	333.2	0.091	0.287	0.0	0.009	300	0.5	0.0	1.0	37.0	53.9	−27.1	60.4	333.2
630	Y00G_087_087$_{dd}$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	80.5	−8.3	77.9	78.4	96.0	0.0	0.036	0.969	0.171	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
631	Y00G_087_075$_{dd}$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	81.4	−7.1	66.8	67.2	96.0	0.0	0.056	0.9	0.159	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
632	Y00G_087_062$_{dd}$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	82.2	−5.9	55.6	56.0	96.0	0.0	0.069	0.785	0.15	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
633	Y00G_087_050$_{dd}$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	83.1	−4.7	44.5	44.8	96.0	0.0	0.075	0.664	0.145	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
634	Y00G_087_037$_{dd}$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	84.0	−3.5	33.4	33.6	96.0	0.0	0.07	0.539	0.145	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
635	Y00G_087_025$_{dd}$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	84.9	−2.3	22.2	22.4	96.0	0.0	0.059	0.394	0.152	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
636	Y00G_087_012$_{dd}$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	85.7	−1.1	11.1	11.2	96.0	0.0	0.034	0.223	0.166	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
637	NW_087$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.6	0.0	0.0	0.0	0.0	0.014	0.0	0.008	0.18	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
638	B00R_100_012$_{dd}$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	87.4	2.8	−5.9	6.6	295.6	0.133	0.125	0.0	0.022	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
639	Y11G_100_100$_{dd}$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	86.9	−13.6	83.1	84.2	99.3	0.117	0.0	1.0	0.0	96	0.883	1.0	0.0	86.9	−13.6	83.1	84.2	99.3
640	Y13G_100_087$_{dd}$	0.875	1.0	0.125	1.0	0.875	0.562	98	0.883	1.0	0.125	87.7	−12.4	72.0	73.1	99.7	0.096	0.0	0.896	0.005	97	0.866	1.0	0.0	86.5	−14.2	82.3	83.5	99.7
641	Y15G_100_075$_{dd}$	0.875	1.0	0.25	1.0	0.75	0.625	99	0.887	1.0	0.25	88.6	−11.0	61.2	62.2	100.2	0.081	0.0	0.79	0.009	97	0.85	1.0	0.0	86.1	−14.7	81.6	82.9	100.2
642	Y18G_100_062$_{dd}$	0.875	1.0	0.375	1.0	0.625	0.687	101	0.885	1.0	0.375	89.4	−9.8	50.0	51.0	101.1	0.073	0.0	0.679	0.011	99	0.816	1.0	0.0	85.3	−15.8	80.1	81.6	101.1
643	Y23G_100_050$_{dd}$	0.875	1.0	0.5	1.0	0.5	0.75	104	0.883	1.0	0.5	90.2	−8.6	38.9	39.9	102.5	0.068	0.0	0.563	0.012	102	0.766	1.0	0.0	84.1	−17.3	77.9	79.8	102.5
644	Y31G_100_037$_{dd}$	0.875	1.0	0.625	1.0	0.375	0.812	109	0.881	1.0	0.625	90.4	−7.7	27.7	28.8	105.6	0.085	0.0	0.448	0.021	108	0.683	1.0	0.0	80.6	−20.7	74.1	76.9	105.6
645	Y50G_100_025$_{dd}$	0.875	1.0	0.75	1.0	0.25	0.875	120	0.875	1.0	0.75	90.5	−7.5	15.2	16.9	116.4	0.137	0.0	0.315	0.008	119	0.5	1.0	0.0	73.1	−30.2	60.8	67.9	116.4
646	G00B_100_012$_{dd}$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	90.7	−8.6	2.8	9.1	161.6	0.206	0.0	0.149	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
647	G50B_100_012$_{dd}$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	91.5	−3.9	−5.6	6.9	234.6	0.177	0.0	0.001	0.002	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6

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

TUB-test chart SE04; 16 hues, offset standard paper APCO colors and differences, Δ*E'**, 3D=1, de=0, *cmyk**

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

1−1032630−F0

http://130.149.60.45/~farbmetrik/SE04/SE04L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE04/SE04LE30FA.DAT in file (F), page 28/33

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
649	R38Y_100_100$_{dd}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	47.6	66.2	32.3	73.7	26.0	0.0	1.0	0.882	0.0	383	1.0	0.0	0.116	47.6	66.2	32.3	73.7	26.0
650	R26Y_100_100$_{dd}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	47.8	66.9	26.3	71.9	21.4	0.0	1.0	0.765	0.0	377	1.0	0.0	0.233	47.8	66.9	26.3	71.9	21.4
651	R13Y_100_100$_{dd}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	47.8	68.1	18.7	70.7	15.4	0.0	1.0	0.631	0.0	368	1.0	0.0	0.366	47.8	68.1	18.7	70.7	15.4
652	R00Y_100_100$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2	0.0	1.0	0.5	0.0	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
653	B68R_100_100$_{dd}$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	48.0	70.8	4.5	71.0	3.7	0.0	1.0	0.368	0.0	351	1.0	0.0	0.633	48.0	70.8	4.5	71.0	3.7
654	B61R_100_100$_{dd}$	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	48.1	72.2	−1.3	72.2	358.9	0.0	1.0	0.234	0.0	342	1.0	0.0	0.766	48.1	72.2	−1.3	72.2	358.9
655	B55R_100_100$_{dd}$	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	48.2	73.2	−5.1	73.4	355.9	0.0	1.0	0.117	0.0	336	1.0	0.0	0.883	48.2	73.2	−5.1	73.4	355.9
656	B50R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
657	R11Y_100_100$_{dd}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	51.2	57.2	42.8	71.5	36.8	0.0	0.882	1.0	0.0	36	1.0	0.116	0.0	51.2	57.2	42.8	71.5	36.8
658	R00Y_100_087$_{dd}$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	53.6	57.3	33.6	66.5	30.4	0.0	0.874	0.814	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
659	R36Y_100_087$_{dd}$	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.241	53.7	58.0	27.5	64.2	25.4	0.0	0.875	0.75	0.0	382	1.0	0.0	0.133	47.6	66.3	31.5	73.4	25.4
660	R23Y_100_087$_{dd}$	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.358	53.9	58.8	21.4	62.6	20.0	0.0	0.875	0.625	0.0	375	1.0	0.0	0.266	47.8	67.2	24.5	71.5	20.0
661	R08Y_100_087$_{dd}$	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.489	53.9	60.2	14.0	61.8	13.1	0.0	0.875	0.5	0.0	365	1.0	0.0	0.416	47.8	68.8	16.0	70.6	13.1
662	B70R_100_087$_{dd}$	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.635	54.0	61.6	6.2	61.9	5.7	0.0	0.875	0.376	0.0	354	1.0	0.0	0.583	48.0	70.4	7.1	70.8	5.7
663	B63R_100_087$_{dd}$	1.0	0.125	0.75	1.0	0.875	0.562	346	1.0	0.125	0.766	54.1	62.9	0.0	62.9	359.9	0.0	0.874	0.25	0.0	344	1.0	0.0	0.733	48.1	71.9	0.0	71.9	359.9
664	B56R_100_087$_{dd}$	1.0	0.125	0.875	1.0	0.875	0.562	338	1.0	0.125	0.883	54.2	63.9	−4.0	64.0	356.3	0.0	0.877	0.125	0.0	337	1.0	0.0	0.866	48.2	73.1	−4.6	73.2	356.3
665	B50R_100_087$_{dd}$	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	54.2	64.9	−7.6	65.3	353.2	0.0	0.883	0.024	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
666	R23Y_100_100$_{dd}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	55.9	47.3	48.7	67.9	45.8	0.0	0.765	1.0	0.0	42	1.0	0.233	0.0	55.9	47.3	48.7	67.9	45.8
667	R13Y_100_087$_{dd}$	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.241	0.125	57.4	48.9	38.1	62.1	37.9	0.0	0.772	0.874	0.0	37	1.0	0.133	0.0	51.8	55.9	43.6	70.9	37.9
668	R00Y_100_075$_{dd}$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	59.7	49.1	28.8	57.0	30.4	0.0	0.756	0.749	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
669	R35Y_100_075$_{dd}$	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.362	59.8	49.8	22.9	54.9	24.7	0.0	0.75	0.625	0.0	382	1.0	0.0	0.15	47.6	66.4	30.6	73.2	24.7
670	R18Y_100_075$_{dd}$	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.487	59.9	50.8	16.2	53.3	17.7	0.0	0.752	0.498	0.0	371	1.0	0.0	0.316	47.8	67.7	21.6	71.1	17.7
671	R00Y_100_075$_{dd}$	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.625	59.9	52.2	8.5	52.9	9.2	0.0	0.77	0.376	0.0	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
672	B65R_100_075$_{dd}$	1.0	0.25	0.75	1.0	0.75	0.625	349	1.0	0.25	0.762	60.1	53.5	1.7	53.6	1.8	0.0	0.765	0.25	0.0	348	1.0	0.0	0.683	48.1	71.4	2.3	71.4	1.8
673	B57R_100_075$_{dd}$	1.0	0.25	0.875	1.0	0.75	0.625	339	1.0	0.25	0.887	60.2	54.7	−3.0	54.8	356.7	0.0	0.768	0.125	0.0	337	1.0	0.0	0.85	48.1	72.9	−4.0	73.0	356.7
674	B50R_100_075$_{dd}$	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	60.2	55.6	−6.5	56.0	353.2	0.0	0.774	0.025	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
675	R36Y_100_100$_{dd}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	62.0	35.2	56.0	66.2	57.8	0.0	0.631	1.0	0.0	51	1.0	0.366	0.0	62.0	35.2	56.0	66.2	57.8
676	R26Y_100_087$_{dd}$	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.358	0.125	62.2	38.8	44.2	58.8	48.7	0.0	0.629	0.852	0.0	44	1.0	0.266	0.0	57.3	44.3	50.5	67.2	48.7
677	R15Y_100_075$_{dd}$	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.362	0.25	63.5	40.9	33.4	52.8	39.2	0.0	0.637	0.68	0.0	37	1.0	0.15	0.0	52.5	54.5	44.5	70.4	39.2
678	R00Y_100_062$_{dd}$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	65.8	40.9	24.0	47.5	30.4	0.0	0.626	0.623	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
679	R31Y_100_062$_{dd}$	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.489	65.9	41.6	18.0	45.4	23.4	0.0	0.625	0.5	0.0	380	1.0	0.0	0.183	47.7	66.7	28.9	72.7	23.4
680	R11Y_100_062$_{dd}$	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.614	66.0	42.7	11.1	44.1	14.6	0.0	0.629	0.376	0.0	367	1.0	0.0	0.383	47.8	68.3	17.8	70.6	14.6
681	B69R_100_062$_{dd}$	1.0	0.375	0.75	1.0	0.625	0.687	353	1.0	0.375	0.76	66.1	44.1	3.3	44.3	4.3	0.0	0.629	0.25	0.0	352	1.0	0.0	0.616	48.0	70.7	5.3	70.9	4.3
682	B59R_100_062$_{dd}$	1.0	0.375	0.875	1.0	0.625	0.687	341	1.0	0.375	0.885	66.2	45.4	−1.8	45.4	357.6	0.0	0.645	0.125	0.0	339	1.0	0.0	0.816	48.1	72.7	−2.9	72.7	357.6
683	B50R_100_062$_{dd}$	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	66.2	46.3	−5.4	46.7	353.2	0.0	0.664	0.024	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
684	R50Y_100_100$_{dd}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1	0.0	0.5	1.0	0.0	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
685	R41Y_100_087$_{dd}$	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.489	0.125	68.3	27.2	51.4	58.2	62.1	0.0	0.5	0.875	0.0	54	1.0	0.416	0.0	64.2	31.1	58.8	66.5	62.1
686	R31Y_100_075$_{dd}$	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.487	0.25	68.8	29.9	40.1	50.0	53.2	0.0	0.5	0.75	0.0	48	1.0	0.316	0.0	59.6	39.8	53.5	66.7	53.2
687	R18Y_100_062$_{dd}$	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.489	0.375	69.8	32.3	28.9	43.4	41.9	0.0	0.5	0.625	0.0	39	1.0	0.183	0.0	53.9	51.7	46.3	69.4	41.9
688	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.9	32.7	19.2	38.0	30.4	0.0	0.498	0.498	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
689	R26Y_100_050$_{dd}$	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.616	72.0	33.4	13.1	35.9	21.4	0.0	0.5	0.375	0.0	377	1.0	0.0	0.233	47.8	66.9	26.3	71.9	21.4
690	R00Y_100_050$_{dd}$	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.75	72.1	34.8	5.6	35.3	9.2	0.0	0.5	0.25	0.0	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
691	B61R_100_050$_{dd}$	1.0	0.5	0.875	1.0	0.5	0.75	344	1.0	0.5	0.883	72.2	36.1	−0.6	36.1	358.9	0.0	0.515	0.087	0.0	342	1.0	0.0	0.766	48.1	72.2	−1.3	72.2	358.9
692	B50R_100_050$_{dd}$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	72.3	37.1	−4.3	37.3	353.2	0.0	0.544	0.022	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
693	R63Y_100_100$_{dd}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	75.3	11.6	72.0	72.9	80.8	0.0	0.368	1.0	0.0	68	1.0	0.633	0.0	75.3	11.6	72.0	72.9	80.8
694	R58Y_100_087$_{dd}$	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.635	0.125	75.6	14.3	60.3	62.0	76.5	0.0	0.378	0.879	0.0	65	1.0	0.583	0.0	72.6	16.4	68.9	70.8	76.5
695	R50Y_100_075$_{dd}$	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.625	0.25	75.1	18.0	47.2	50.5	69.1	0.0	0.393	0.749	0.0	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
696	R38Y_100_062$_{dd}$	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.614	0.375	75.3	21.1	35.5	41.3	59.3	0.0	0.393	0.623	0.0	52	1.0	0.383	0.0	62.7	33.7	56.9	66.2	59.3
697	R23Y_100_050$_{dd}$	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.616	0.5	76.1	23.6	24.3	33.9	45.8	0.0	0.403	0.498	0.0	42	1.0	0.233	0.0	55.9	47.3	48.7	67.9	45.8
698	R00Y_100_037$_{dd}$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	78.0	24.5	14.4	28.5	30.4	0.0	0.397	0.376	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
699	R18Y_100_037$_{dd}$	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.743	78.1	25.4	8.1	26.6	17.7	0.0	0.392	0.25	0.0	371	1.0	0.0	0.316	47.8	67.7	21.6	71.1	17.7
700	B65R_100_037$_{dd}$	1.0	0.625	0.875	1.0	0.375	0.812	349	1.0	0.625	0.881	78.2	26.7	0.8	26.8	1.8	0.0	0.414	0.083	0.0	348	1.0	0.0	0.683	48.1	71.4	2.3	71.4	1.8
701	B50R_100_037$_{dd}$	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	78.3	27.8	−3.2	28.0	353.2	0.0	0.432	0.018	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
702	R76Y_100_100$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	81.2	2.5	78.8	78.9	88.1	0.0	0.234	1.0	0.0	77	1.0	0.766	0.0	81.2	2.5	78.8	78.9	88.1
703	R73Y_100_087$_{dd}$	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.766	0.125	81.8	4.1	67.5	67.7	86.5	0.0	0.235	0.888	0.0	75	1.0	0.733	0.0	79.8	4.7	77.2	77.3	86.5
704	R68Y_100_075$_{dd}$	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.762	0.25	82.2	6.2	56.0	56.3	83.6	0.0	0.25	0.769	0.0	71	1.0	0.683	0.0	77.5	8.3	74.7	75.1	83.6
705	R61Y_100_062$_{dd}$	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.76	0.375	82.7	8.1	44.4	45.1	79.5	0.0	0.25	0.637	0.0	67	1.0	0.616	0.0	74.5	13.0	71.0	72.2	79.5
706	R50Y_100_050$_{dd}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	82.2	12.0	31.5	33.7	69.1	0.0	0.251	0.498	0.0	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
707	R31Y_100_037$_{dd}$	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.743	0.625	82.6	14.9	20.0	25.0	53.2	0.0	0.26	0.376	0.0	48	1.0	0.316	0.0	59.6	39.8	53.5	66.7	53.2
708	R00Y_100_025$_{dd}$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	84.1	16.3	9.6	19.0	30.4	0.0	0.25	0.25	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
709	R00Y_100_025$_{dd}$	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.875	84.2	17.4	2.8	17.6	9.2	0.0	0.282	0.083	0.0	360	1.0	0.0	0.5	47.8	69.7	11.3	70.6	9.2
710	B50R_100_025$_{dd}$	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	84.3	18.5	−2.1	18.6	353.2	0.0	0.308	0.013	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
711	R88Y_100_100$_{dd}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	85.6	−4.1	84.3	84.4	92.8	0.0	0.117	0.999	0.0	83	1.0	0.883	0.0	85.6	−4.1	84.3	84.4	92.8
712	R86Y_100_087$_{dd}$	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.883	0.125	86.5	−2.8	73.1	73.2	92.2	0.0	0.118	0.891	0.0	82	1.0	0.866	0.0	85.0	−3.2	83.6	83.6	92.2
713	R85Y_100_075$_{dd}$	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.887	0.25	87.4	−1.6	62.1	62.1	91.5	0.0	0.122	0.779	0.0	81	1.0	0.85	0.0	84.4	−2.2	82.8	82.8	91.5
714	R81Y_100_062$_{dd}$	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.885	0.375	88.1	−0.1	50.8	50.8	90.1	0.0	0.122	0.657	0.0	80	1.0	0.816	0.0	83.1	−0.2	81.3	81.3	90.1
715	R76Y_100_050$_{dd}$	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.883	0.5	88.7	1.2	39.4	39.4	88.1	0.0	0.123	0.537	0.0	77	1.0	0.766	0.0	81.2	2.5	78.8	78.9	88.1
716	R68Y_100_037$_{dd}$	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.881	0.625	89.3	3.1	28.0	28.1	83.6	0.0	0.131	0.412	0.0	71	1.0	0.683	0.0	77.5	8.3	74.7	75.1	83.6
717	R50Y_100_025$_{dd}$	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.875	0.75	89.3	6.0	15.7	16.8	69.1	0.0	0.146	0.26	0.0	59	1.0	0.5	0.0	68.1	24.0	63.0	67.4	69.1
718	R00Y_100_012$_{dd}$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	90.2	8.1	4.8	9.5	30.4	0.0	0.148	0.125	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
719	B50R_100_012$_{dd}$	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	90.3	9.2	−1.0	9.3	353.2	0.0	0.168	0.009	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
720	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0	0.0	0.0	1.0	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
721	Y00G_100_087$_{dd}$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	90.2	−8.3	77.9	78.4	96.0	0.0	0.004	0.894	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
722	Y00G_100_075$_{dd}$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	91.1	−7.1	66.8	67.2	96.0	0.0	0.006	0.789	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
723	Y00G_100_062$_{dd}$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	92.0	−5.9	55.6	56.0	96.0	0.0	0.009	0.68	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
724	Y00G_100_050$_{dd}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	92.8	−4.7	44.5	44.8	96.0	0.0	0.012	0.569	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
725	Y00G_100_037$_{dd}$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	93.7	−3.5	33.4	33.6	96.0	0.0	0.013	0.454	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
726	Y00G_100_025$_{dd}$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	94.6	−2.3	22.2	22.4	96.0	0.0	0.014	0.324	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
727	Y00G_100_012$_{dd}$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	95.5	−1.1	11.1	11.2	96.0	0.0	0.01	0.171	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
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	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**

TUB-test chart SE04; 16 hues, offset standard paper APCO colors and differences, Δ*E'**, 3D=1, de=0, *cmyk**

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

1−1032730−F0

http://130.149.60.45/~farbmetrik/SE04/SE04L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE04/SE04LE30FA.DAT in file (F), page 29/33

n	HIC*$_{Fdd}$	*rgb*_$_{Fdd}$			*ict*_$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
729	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	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
730	G50B_100_012$_{dd}$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	91.5	−3.9	−5.6	6.9	234.6	0.177	0.0	0.001	0.002	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
731	G50B_100_025$_{dd}$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	86.7	−7.9	−11.2	13.8	234.6	0.325	0.0	0.002	0.001	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
732	G50B_100_037$_{dd}$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	81.9	−11.9	−16.9	20.7	234.6	0.452	0.0	0.003	0.0	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
733	G50B_100_050$_{dd}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	77.1	−15.9	−22.5	27.6	234.6	0.583	0.0	0.005	0.0	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
734	G50B_100_062$_{dd}$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	72.3	−19.9	−28.2	34.5	234.6	0.683	0.0	0.003	0.0	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
735	G50B_100_075$_{dd}$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	67.5	−23.9	−33.8	41.4	234.6	0.778	0.0	0.0	0.0	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
736	G50B_100_087$_{dd}$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	62.6	−27.9	−39.4	48.4	234.6	0.899	0.0	0.001	0.0	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
737	G50B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6	0.999	0.0	0.0	0.0	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
738	R00Y_100_012$_{dd}$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	90.2	8.1	4.8	9.5	30.4	0.0	0.148	0.125	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
739	NW_087$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.6	0.0	0.0	0.0	0.0	0.014	0.0	0.008	0.18	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
740	G50B_087_012$_{dd}$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	81.8	−3.9	−5.6	6.9	234.6	0.192	0.0	0.002	0.188	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
741	G50B_087_025$_{dd}$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	77.0	−7.9	−11.2	13.8	234.6	0.344	0.0	0.001	0.187	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
742	G50B_087_037$_{dd}$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	72.2	−11.9	−16.9	20.7	234.6	0.505	0.0	0.003	0.186	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
743	G50B_087_050$_{dd}$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	67.3	−15.9	−22.5	27.6	234.6	0.618	0.002	0.0	0.188	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
744	G50B_087_062$_{dd}$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	62.5	−19.9	−28.2	34.5	234.6	0.733	0.007	0.0	0.187	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
745	G50B_087_075$_{dd}$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	57.7	−23.9	−33.8	41.4	234.6	0.86	0.013	0.0	0.186	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
746	G50B_087_087$_{dd}$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	52.9	−27.9	−39.4	48.4	234.6	0.966	0.027	0.0	0.183	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
747	R00Y_100_025$_{dd}$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	84.1	16.3	9.6	19.0	30.4	0.0	0.25	0.25	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
748	R00Y_087_012$_{dd}$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	80.5	8.1	4.8	9.5	30.4	0.0	0.213	0.165	0.149	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
749	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.9	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.333	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
750	G50B_075_012$_{dd}$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	72.1	−3.9	−5.6	6.9	234.6	0.202	0.0	0.015	0.34	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
751	G50B_075_025$_{dd}$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	67.2	−7.9	−11.2	13.8	234.6	0.394	0.0	0.014	0.343	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
752	G50B_075_037$_{dd}$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	62.4	−11.9	−16.9	20.7	234.6	0.532	0.0	0.006	0.344	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
753	G50B_075_050$_{dd}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	57.6	−15.9	−22.5	27.6	234.6	0.668	0.0	0.0	0.343	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
754	G50B_075_062$_{dd}$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	52.8	−19.9	−28.2	34.5	234.6	0.811	0.008	0.0	0.342	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
755	G50B_075_075$_{dd}$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	48.0	−23.9	−33.8	41.4	234.6	0.924	0.017	0.0	0.35	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
756	R00Y_100_037$_{dd}$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	78.0	24.5	14.4	28.5	30.4	0.0	0.397	0.376	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
757	R00Y_087_025$_{dd}$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	74.4	16.3	9.6	19.0	30.4	0.0	0.372	0.295	0.123	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
758	R00Y_075_012$_{dd}$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	70.8	8.1	4.8	9.5	30.4	0.0	0.248	0.201	0.299	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
759	NW_062$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	67.1	0.0	0.0	0.0	0.0	0.0	0.014	0.045	0.469	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
760	G50B_062_012$_{dd}$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	62.3	−3.9	−5.6	6.9	234.6	0.233	0.0	0.023	0.5	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
761	G50B_062_025$_{dd}$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	57.5	−7.9	−11.2	13.8	234.6	0.416	0.0	0.019	0.492	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
762	G50B_062_037$_{dd}$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	52.7	−11.9	−16.9	20.7	234.6	0.588	0.0	0.014	0.484	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
763	G50B_062_050$_{dd}$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	47.9	−15.9	−22.5	27.6	234.6	0.755	0.0	0.007	0.489	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
764	G50B_062_062$_{dd}$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	43.1	−19.9	−28.2	34.5	234.6	0.867	0.0	0.0	0.5	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
765	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.9	32.7	19.2	38.0	30.4	0.0	0.498	0.498	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
766	R00Y_087_037$_{dd}$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	68.3	24.5	14.4	28.5	30.4	0.0	0.5	0.416	0.109	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
767	R00Y_075_025$_{dd}$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	64.7	16.3	9.6	19.0	30.4	0.0	0.415	0.342	0.276	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
768	R00Y_062_012$_{dd}$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	61.0	8.1	4.8	9.5	30.4	0.0	0.289	0.23	0.434	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
769	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	0.0	0.0	0.033	0.072	0.612	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
770	G50B_050_012$_{dd}$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	52.6	−3.9	−5.6	6.9	234.6	0.238	0.0	0.028	0.624	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
771	G50B_050_025$_{dd}$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	47.8	−7.9	−11.2	13.8	234.6	0.473	0.0	0.021	0.621	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
772	G50B_050_037$_{dd}$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	43.0	−11.9	−16.9	20.7	234.6	0.675	0.0	0.008	0.63	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
773	G50B_050_050$_{dd}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	38.2	−15.9	−22.5	27.6	234.6	0.797	0.0	0.0	0.625	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
774	R00Y_100_062$_{dd}$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	65.8	40.9	24.0	47.5	30.4	0.0	0.626	0.623	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
775	R00Y_087_050$_{dd}$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	62.2	32.7	19.2	38.0	30.4	0.0	0.613	0.531	0.109	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
776	R00Y_075_037$_{dd}$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	58.5	24.5	14.4	28.5	30.4	0.0	0.553	0.476	0.266	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
777	R00Y_062_025$_{dd}$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	54.9	16.3	9.6	19.0	30.4	0.0	0.475	0.386	0.417	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
778	R00Y_050_012$_{dd}$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	51.3	8.1	4.8	9.5	30.4	0.0	0.329	0.28	0.58	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
779	NW_037$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	0.0	0.0	0.016	0.067	0.714	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
780	G50B_037_012$_{dd}$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	42.9	−3.9	−5.6	6.9	234.6	0.279	0.0	0.031	0.728	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
781	G50B_037_025$_{dd}$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	38.1	−7.9	−11.2	13.8	234.6	0.551	0.0	0.019	0.738	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
782	G50B_037_037$_{dd}$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	33.2	−11.9	−16.9	20.7	234.6	0.686	0.0	0.0	0.75	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
783	R00Y_100_075$_{dd}$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	59.7	49.1	28.8	57.0	30.4	0.0	0.756	0.749	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
784	R00Y_087_062$_{dd}$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	56.1	40.9	24.0	47.5	30.4	0.0	0.72	0.655	0.125	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
785	R00Y_075_050$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	52.4	32.7	19.2	38.0	30.4	0.0	0.676	0.604	0.268	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
786	R00Y_062_037$_{dd}$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	48.8	24.5	14.4	28.5	30.4	0.0	0.623	0.538	0.415	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
787	R00Y_050_025$_{dd}$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	45.2	16.3	9.6	19.0	30.4	0.0	0.531	0.457	0.561	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
788	R00Y_037_012$_{dd}$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	41.6	8.1	4.8	9.5	30.4	0.0	0.387	0.326	0.692	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
789	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	0.0	0.0	0.003	0.053	0.81	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
790	G50B_025_012$_{dd}$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	33.1	−3.9	−5.6	6.9	234.6	0.403	0.0	0.008	0.823	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
791	G50B_025_025$_{dd}$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	28.3	−7.9	−11.2	13.8	234.6	0.568	0.022	0.0	0.832	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
792	R00Y_100_087$_{dd}$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	53.6	57.3	33.6	66.5	30.4	0.0	0.874	0.814	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
793	R00Y_087_075$_{dd}$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	50.0	49.1	28.8	57.0	30.4	0.0	0.831	0.797	0.144	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
794	R00Y_075_062$_{dd}$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	46.3	40.9	24.0	47.5	30.4	0.0	0.8	0.744	0.276	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
795	R00Y_062_050$_{dd}$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	42.7	32.7	19.2	38.0	30.4	0.0	0.76	0.693	0.427	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
796	R00Y_050_037$_{dd}$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	39.1	24.5	14.4	28.5	30.4	0.0	0.698	0.625	0.559	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
797	R00Y_037_025$_{dd}$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	35.5	16.3	9.6	19.0	30.4	0.0	0.622	0.531	0.681	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
798	R00Y_025_012$_{dd}$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	31.8	8.1	4.8	9.5	30.4	0.0	0.488	0.4	0.793	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
799	NW_012$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	28.2	0.0	0.0	0.0	0.0	0.0	0.011	0.1	0.901	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
800	G50B_012_012$_{dd}$	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	23.4	−3.9	−5.6	6.9	234.6	0.392	0.002	0.0	0.91	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
801	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
802	R00Y_087_087$_{dd}$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	43.9	57.3	33.6	66.5	30.4	0.0	0.964	0.969	0.172	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
803	R00Y_075_075$_{dd}$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	40.2	49.1	28.8	57.0	30.4	0.0	0.937	0.93	0.305	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
804	R00Y_062_062$_{dd}$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	36.6	40.9	24.0	47.5	30.4	0.0	0.892	0.89	0.441	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
805	R00Y_050_050$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	33.0	32.7	19.2	38.0	30.4	0.0	0.833	0.825	0.567	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
806	R00Y_037_037$_{dd}$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	29.4	24.5	14.4	28.5	30.4	0.0	0.753	0.751	0.681	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
807	R00Y_025_025$_{dd}$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	25.7	16.3	9.6	19.0	30.4	0.0	0.639	0.639	0.786	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
808	R00Y_012_012$_{dd}$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	22.1	8.1	4.8	9.5	30.4	0.0	0.453	0.453	0.887	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
809	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

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

TUB-test chart SE04; 16 hues, offset standard paper APCO colors and differences, Δ*E'**, 3D=1, de=0, *cmyk**

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

1−1032830−F0

http://130.149.60.45/~farbmetrik/SE04/SE04L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE04/SE04LE30FA.DAT in file (F), page 30/33

n	HIC*$_{Fdd}$	*rgb*_$_{Fdd}$			*ict*_$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$				
810	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
811	B00R_100_012$_{dd}$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	87.4	2.8	−5.9	6.6	295.6
812	B00R_100_025$_{dd}$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	78.5	5.7	−11.9	13.2	295.6
813	B00R_100_037$_{dd}$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	69.6	8.6	−17.9	19.9	295.6
814	B00R_100_050$_{dd}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	60.6	11.4	−23.9	26.5	295.6
815	B00R_100_062$_{dd}$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	51.7	14.3	−29.9	33.1	295.6
816	B00R_100_075$_{dd}$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	42.8	17.2	−35.8	39.8	295.6
817	B00R_100_087$_{dd}$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	33.9	20.1	−41.8	46.4	295.6
818	B00R_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
819	Y00G_100_012$_{dd}$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	95.5	−1.1	11.1	11.2	96.0
820	NW_087$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.6	0.0	0.0	0.0	0.0
821	B00R_087_012$_{dd}$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	77.7	2.8	−5.9	6.6	295.6
822	B00R_087_025$_{dd}$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	68.8	5.7	−11.9	13.2	295.6
823	B00R_087_037$_{dd}$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	59.8	8.6	−17.9	19.9	295.6
824	B00R_087_050$_{dd}$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	50.9	11.4	−23.9	26.5	295.6
825	B00R_087_062$_{dd}$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	42.0	14.3	−29.9	33.1	295.6
826	B00R_087_075$_{dd}$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	33.1	17.2	−35.8	39.8	295.6
827	B00R_087_087$_{dd}$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	24.1	20.1	−41.8	46.4	295.6
828	Y00G_100_025$_{dd}$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	94.6	−2.3	22.2	22.4	96.0
829	Y00G_087_012$_{dd}$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	85.7	−1.1	11.1	11.2	96.0
830	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.9	0.0	0.0	0.0	0.0
831	B00R_075_012$_{dd}$	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	67.9	2.8	−5.9	6.6	295.6
832	B00R_075_025$_{dd}$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	59.0	5.7	−11.9	13.2	295.6
833	B00R_075_037$_{dd}$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	50.1	8.6	−17.9	19.9	295.6
834	B00R_075_050$_{dd}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	41.2	11.4	−23.9	26.5	295.6
835	B00R_075_062$_{dd}$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	32.2	14.3	−29.9	33.1	295.6
836	B00R_075_075$_{dd}$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	23.3	17.2	−35.8	39.8	295.6
837	Y00G_100_037$_{dd}$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	93.7	−3.5	33.4	33.6	96.0
838	Y00G_087_025$_{dd}$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	84.9	−2.3	22.2	22.4	96.0
839	Y00G_075_012$_{dd}$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	76.0	−1.1	11.1	11.2	96.0
840	NW_062$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	67.1	0.0	0.0	0.0	0.0
841	B00R_062_012$_{dd}$	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	58.2	2.8	−5.9	6.6	295.6
842	B00R_062_025$_{dd}$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	49.3	5.7	−11.9	13.2	295.6
843	B00R_062_037$_{dd}$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	40.4	8.6	−17.9	19.9	295.6
844	B00R_062_050$_{dd}$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	31.4	11.4	−23.9	26.5	295.6
845	B00R_062_062$_{dd}$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	22.5	14.3	−29.9	33.1	295.6
846	Y00G_100_050$_{dd}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	92.8	−4.7	44.5	44.8	96.0
847	Y00G_087_037$_{dd}$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	84.0	−3.5	33.4	33.6	96.0
848	Y00G_075_025$_{dd}$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	75.1	−2.3	22.2	22.4	96.0
849	Y00G_062_012$_{dd}$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	66.3	−1.1	11.1	11.2	96.0
850	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	0.0
851	B00R_050_012$_{dd}$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	48.5	2.8	−5.9	6.6	295.6
852	B00R_050_025$_{dd}$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	39.6	5.7	−11.9	13.2	295.6
853	B00R_050_037$_{dd}$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	30.6	8.6	−17.9	19.9	295.6
854	B00R_050_050$_{dd}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	21.7	11.4	−23.9	26.5	295.6
855	Y00G_100_062$_{dd}$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	92.0	−5.9	55.6	56.0	96.0
856	Y00G_087_050$_{dd}$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	83.1	−4.7	44.5	44.8	96.0
857	Y00G_075_037$_{dd}$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	74.3	−3.5	33.4	33.6	96.0
858	Y00G_062_025$_{dd}$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	65.4	−2.3	22.2	22.4	96.0
859	Y00G_050_012$_{dd}$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	56.5	−1.1	11.1	11.2	96.0
860	NW_037$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	0.0
861	B00R_037_012$_{dd}$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	38.8	2.8	−5.9	6.6	295.6
862	B00R_037_025$_{dd}$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	29.8	5.7	−11.9	13.2	295.6
863	B00R_037_037$_{dd}$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	20.9	8.6	−17.9	19.9	295.6
864	Y00G_100_075$_{dd}$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	91.1	−7.1	66.8	67.2	96.0
865	Y00G_087_062$_{dd}$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	82.2	−5.9	55.6	56.0	96.0
866	Y00G_075_050$_{dd}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	73.4	−4.7	44.5	44.8	96.0
867	Y00G_062_037$_{dd}$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	64.5	−3.5	33.4	33.6	96.0
868	Y00G_050_025$_{dd}$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	55.7	−2.3	22.2	22.4	96.0
869	Y00G_037_012$_{dd}$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	46.8	−1.1	11.1	11.2	96.0
870	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	0.0
871	B00R_025_012$_{dd}$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	29.0	2.8	−5.9	6.6	295.6
872	B00R_025_025$_{dd}$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	20.1	5.7	−11.9	13.2	295.6
873	Y00G_100_087$_{dd}$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	90.2	−8.3	77.9	78.4	96.0
874	Y00G_087_075$_{dd}$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	81.4	−7.1	66.8	67.2	96.0
875	Y00G_075_062$_{dd}$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	72.5	−5.9	55.6	56.0	96.0
876	Y00G_062_050$_{dd}$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	63.7	−4.7	44.5	44.8	96.0
877	Y00G_050_037$_{dd}$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	54.8	−3.5	33.4	33.6	96.0
878	Y00G_037_025$_{dd}$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	45.9	−2.3	22.2	22.4	96.0
879	Y00G_025_012$_{dd}$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	37.1	−1.1	11.1	11.2	96.0
880	NW_012$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	28.2	0.0	0.0	0.0	0.0
881	B00R_012_012$_{dd}$	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	19.3	2.8	−5.9	6.6	295.6
882	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
883	Y00G_087_087$_{dd}$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	80.5	−8.3	77.9	78.4	96.0
884	Y00G_075_075$_{dd}$	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	71.6	−7.1	66.8	67.2	96.0
885	Y00G_062_062$_{dd}$	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	62.8	−5.9	55.6	56.0	96.0
886	Y00G_050_050$_{dd}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	53.9	−4.7	44.5	44.8	96.0
887	Y00G_037_037$_{dd}$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	45.1	−3.5	33.4	33.6	96.0
888	Y00G_025_025$_{dd}$	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	36.2	−2.3	22.2	22.4	96.0
889	Y00G_012_012$_{dd}$	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	27.3	−1.1	11.1	11.2	96.0
890	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0

*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
0.133	0.125	0.0	0.022	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.269	0.234	0.0	0.024	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.382	0.361	0.0	0.024	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.51	0.456	0.0	0.021	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.641	0.569	0.0	0.014	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.718	0.704	0.0	0.019	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.868	0.824	0.0	0.022	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
1.0	1.0	0.0	0.0	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.0	0.01	0.171	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.014	0.0	0.008	0.18	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
0.125	0.132	0.0	0.217	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.275	0.267	0.0	0.217	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.424	0.388	0.0	0.22	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.558	0.515	0.0	0.217	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.674	0.662	0.0	0.21	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.825	0.776	0.0	0.215	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.961	0.946	0.0	0.208	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.0	0.014	0.324	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.034	0.223	0.166	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.0	0.02	0.333	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
0.118	0.14	0.0	0.378	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.306	0.296	0.0	0.384	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.467	0.449	0.0	0.377	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.617	0.609	0.0	0.362	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.777	0.731	0.0	0.371	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.917	0.895	0.0	0.369	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.0	0.013	0.454	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.059	0.394	0.152	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.047	0.262	0.311	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.014	0.045	0.469	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
0.149	0.158	0.0	0.52	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.339	0.349	0.0	0.518	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.524	0.528	0.0	0.506	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.716	0.665	0.0	0.511	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.868	0.833	0.0	0.498	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.0	0.012	0.569	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.07	0.539	0.145	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.079	0.453	0.298	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.061	0.307	0.445	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.033	0.072	0.612	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
0.164	0.201	0.0	0.642	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.41	0.422	0.0	0.641	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.64	0.598	0.0	0.645	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.789	0.779	0.0	0.636	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.0	0.009	0.68	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.075	0.664	0.145	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.086	0.606	0.293	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.088	0.506	0.435	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.083	0.373	0.589	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.016	0.067	0.714	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
0.186	0.239	0.0	0.751	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.523	0.506	0.0	0.754	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.686	0.686	0.0	0.75	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.0	0.006	0.789	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.069	0.785	0.15	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.088	0.739	0.294	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.098	0.668	0.431	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.11	0.589	0.58	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.088	0.422	0.701	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.003	0.053	0.81	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
0.337	0.358	0.0	0.831	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.569	0.569	0.0	0.831	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.0	0.004	0.894	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.056	0.9	0.159	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.082	0.864	0.3	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.101	0.815	0.433	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.118	0.765	0.577	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.121	0.668	0.693	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.102	0.516	0.797	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.011	0.1	0.901	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
0.38	0.38	0.0	0.914	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
0.0	0.0	1.0	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.036	0.969	0.171	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.158	0.951	0.25	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.183	0.916	0.375	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.216	0.867	0.5	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.265	0.797	0.625	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.189	0.636	0.789	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.179	0.484	0.874	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

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

TUB-test chart SE04; 16 hues, offset standard paper APCO colors and differences, Δ*E'**, 3D=1, de=0, *cmyk**

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

1−1032930−F0

see similar files: http://130.149.60.45/~farbmetrik/SE04/SE04.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-SE04/SE04L0FA.TXT /.PS
application for measurement of offset print output, separationcmyn6* (CMYK)
TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/SE04/SE04L0FA.TXT /.PS; 3D-linearization
F: 3D-linearization SE04/SE04LE30FA.DAT in file (F), page 31/33

n	HIC*$_{Fdd}$	*rgb*_$_{Fdd}$			*ict*_$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
891	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	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
892	B50R_100_012$_{dd}$	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	90.3	9.2	−1.0	9.3	353.2	0.0	0.168	0.009	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
893	B50R_100_025$_{dd}$	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	84.3	18.5	−2.1	18.6	353.2	0.0	0.308	0.013	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
894	B50R_100_037$_{dd}$	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	78.3	27.8	−3.2	28.0	353.2	0.0	0.432	0.018	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
895	B50R_100_050$_{dd}$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	72.3	37.1	−4.3	37.3	353.2	0.0	0.544	0.022	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
896	B50R_100_062$_{dd}$	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	66.2	46.3	−5.4	46.7	353.2	0.0	0.664	0.024	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
897	B50R_100_075$_{dd}$	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	60.2	55.6	−6.5	56.0	353.2	0.0	0.774	0.025	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
898	B50R_100_087$_{dd}$	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	54.2	64.9	−7.6	65.3	353.2	0.0	0.883	0.024	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
899	B50R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
900	G00B_100_012$_{dd}$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	90.7	−8.6	2.8	9.1	161.6	0.206	0.0	0.149	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
901	NW_087$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.6	0.0	0.0	0.0	0.0	0.014	0.0	0.008	0.18	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
902	B50R_087_012$_{dd}$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	80.6	9.2	−1.0	9.3	353.2	0.0	0.204	0.043	0.162	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
903	B50R_087_025$_{dd}$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	74.6	18.5	−2.1	18.6	353.2	0.0	0.374	0.07	0.143	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
904	B50R_087_037$_{dd}$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	68.6	27.8	−3.2	28.0	353.2	0.0	0.506	0.093	0.133	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
905	B50R_087_050$_{dd}$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	62.5	37.1	−4.3	37.3	353.2	0.0	0.62	0.106	0.133	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
906	B50R_087_062$_{dd}$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	56.5	46.3	−5.4	46.7	353.2	0.0	0.729	0.109	0.141	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
907	B50R_087_075$_{dd}$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	50.5	55.6	−6.5	56.0	353.2	0.0	0.842	0.101	0.154	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
908	B50R_087_087$_{dd}$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	44.5	64.9	−7.6	65.3	353.2	0.0	0.962	0.06	0.18	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
909	G00B_100_025$_{dd}$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	85.1	−17.3	5.7	18.2	161.6	0.347	0.0	0.25	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
910	G00B_087_012$_{dd}$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	81.0	−8.6	2.8	9.1	161.6	0.255	0.0	0.2	0.156	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
911	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.9	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.333	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
912	B50R_075_012$_{dd}$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	70.9	9.2	−1.0	9.3	353.2	0.0	0.24	0.073	0.309	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
913	B50R_075_025$_{dd}$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	64.8	18.5	−2.1	18.6	353.2	0.0	0.414	0.106	0.289	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
914	B50R_075_037$_{dd}$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	58.8	27.8	−3.2	28.0	353.2	0.0	0.556	0.125	0.284	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
915	B50R_075_050$_{dd}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.8	37.1	−4.3	37.3	353.2	0.0	0.685	0.131	0.284	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
916	B50R_075_062$_{dd}$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	46.8	46.3	−5.4	46.7	353.2	0.0	0.808	0.127	0.289	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
917	B50R_075_075$_{dd}$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	40.8	55.6	−6.5	56.0	353.2	0.0	0.932	0.105	0.313	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
918	G00B_100_037$_{dd}$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	79.6	−26.0	8.6	27.4	161.6	0.498	0.0	0.498	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
919	G00B_087_025$_{dd}$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	75.4	−17.3	5.7	18.2	161.6	0.432	0.0	0.368	0.118	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
920	G00B_075_012$_{dd}$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	71.3	−8.6	2.8	9.1	161.6	0.272	0.0	0.237	0.303	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
921	NW_062$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	67.1	0.0	0.0	0.0	0.0	0.0	0.014	0.045	0.469	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
922	B50R_062_012$_{dd}$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	61.1	9.2	−1.0	9.3	353.2	0.0	0.286	0.093	0.445	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
923	B50R_062_025$_{dd}$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	55.1	18.5	−2.1	18.6	353.2	0.0	0.471	0.121	0.432	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
924	B50R_062_037$_{dd}$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	49.1	27.8	−3.2	28.0	353.2	0.0	0.621	0.133	0.432	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
925	B50R_062_050$_{dd}$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	43.1	37.1	−4.3	37.3	353.2	0.0	0.758	0.135	0.441	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
926	B50R_062_062$_{dd}$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	37.1	46.3	−5.4	46.7	353.2	0.0	0.887	0.125	0.454	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
927	G00B_100_050$_{dd}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	74.0	−34.6	11.5	36.5	161.6	0.623	0.0	0.623	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
928	G00B_087_037$_{dd}$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	69.8	−26.0	8.6	27.4	161.6	0.598	0.0	0.51	0.09	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
929	G00B_075_025$_{dd}$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	65.7	−17.3	5.7	18.2	161.6	0.483	0.0	0.417	0.279	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
930	G00B_062_012$_{dd}$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	61.5	−8.6	2.8	9.1	161.6	0.305	0.0	0.282	0.465	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
931	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	0.0	0.0	0.033	0.072	0.612	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
932	B50R_050_012$_{dd}$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	51.4	9.2	−1.0	9.3	353.2	0.0	0.326	0.115	0.591	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
933	B50R_050_025$_{dd}$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	45.4	18.5	−2.1	18.6	353.2	0.0	0.527	0.142	0.574	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
934	B50R_050_037$_{dd}$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	39.4	27.8	−3.2	28.0	353.2	0.0	0.693	0.145	0.571	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
935	B50R_050_050$_{dd}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	33.3	37.1	−4.3	37.3	353.2	0.0	0.824	0.139	0.582	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
936	G00B_100_062$_{dd}$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	68.4	−43.3	14.4	45.6	161.6	0.75	0.0	0.625	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
937	G00B_087_050$_{dd}$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	64.2	−34.6	11.5	36.5	161.6	0.7	0.0	0.611	0.081	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
938	G00B_075_037$_{dd}$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	60.1	−26.0	8.6	27.4	161.6	0.628	0.0	0.545	0.26	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
939	G00B_062_025$_{dd}$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	56.0	−17.3	5.7	18.2	161.6	0.512	0.0	0.457	0.43	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
940	G00B_050_012$_{dd}$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	51.8	−8.6	2.8	9.1	161.6	0.322	0.0	0.318	0.589	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
941	NW_037$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	0.0	0.0	0.016	0.067	0.714	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
942	B50R_037_012$_{dd}$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	41.7	9.2	−1.0	9.3	353.2	0.0	0.38	0.135	0.699	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
943	B50R_037_025$_{dd}$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	35.6	18.5	−2.1	18.6	353.2	0.0	0.612	0.15	0.693	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
944	B50R_037_037$_{dd}$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	29.6	27.8	−3.2	28.0	353.2	0.0	0.742	0.132	0.694	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
945	G00B_100_075$_{dd}$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	62.8	−52.0	17.2	54.8	161.6	0.803	0.0	0.749	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
946	G00B_087_062$_{dd}$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	58.6	−43.3	14.4	45.6	161.6	0.81	0.0	0.73	0.096	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
947	G00B_075_050$_{dd}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	54.5	−34.6	11.5	36.5	161.6	0.757	0.0	0.679	0.259	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
948	G00B_062_037$_{dd}$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	50.4	−26.0	8.6	27.4	161.6	0.68	0.0	0.615	0.422	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
949	G00B_050_025$_{dd}$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	46.2	−17.3	5.7	18.2	161.6	0.57	0.0	0.524	0.57	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
950	G00B_037_012$_{dd}$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	42.1	−8.6	2.8	9.1	161.6	0.371	0.0	0.373	0.706	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
951	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	0.0	0.0	0.003	0.053	0.81	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
952	B50R_025_012$_{dd}$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	31.9	9.2	−1.0	9.3	353.2	0.0	0.462	0.113	0.804	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
953	B50R_025_025$_{dd}$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	25.9	18.5	−2.1	18.6	353.2	0.0	0.618	0.151	0.801	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
954	G00B_100_087$_{dd}$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	57.2	−60.7	20.1	63.9	161.6	0.913	0.0	0.874	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
955	G00B_087_075$_{dd}$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	53.1	−52.0	17.2	54.8	161.6	0.905	0.0	0.849	0.137	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
956	G00B_075_062$_{dd}$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	48.9	−43.3	14.4	45.6	161.6	0.874	0.0	0.807	0.29	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
957	G00B_062_050$_{dd}$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	44.8	−34.6	11.5	36.5	161.6	0.829	0.0	0.755	0.444	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
958	G00B_050_037$_{dd}$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	40.6	−26.0	8.6	27.4	161.6	0.762	0.0	0.691	0.588	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
959	G00B_037_025$_{dd}$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	36.5	−17.3	5.7	18.2	161.6	0.658	0.0	0.604	0.716	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
960	G00B_025_012$_{dd}$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	32.4	−8.6	2.8	9.1	161.6	0.484	0.0	0.475	0.81	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
961	NW_012$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	28.2	0.0	0.0	0.0	0.0	0.0	0.011	0.1	0.901	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
962	B50R_012_012$_{dd}$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	22.2	9.2	−1.0	9.3	353.2	0.0	0.425	0.092	0.898	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2
963	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6	0.999	0.0	1.0	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
964	G00B_087_087$_{dd}$	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	47.5	−60.7	20.1	63.9	161.6	0.978	0.0	0.978	0.125	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
965	G00B_075_075$_{dd}$	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	43.3	−52.0	17.2	54.8	161.6	0.928	0.0	0.928	0.334	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
966	G00B_062_062$_{dd}$	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	39.2	−43.3	14.4	45.6	161.6	0.875	0.0	0.875	0.481	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
967	G00B_050_050$_{dd}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	35.0	−34.6	11.5	36.5	161.6	0.8	0.0	0.8	0.619	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
968	G00B_037_037$_{dd}$	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	30.9	−26.0	8.6	27.4	161.6	0.694	0.0	0.694	0.742	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
969	G00B_025_025$_{dd}$	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	26.8	−17.3	5.7	18.2	161.6	0.592	0.0	0.592	0.818	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
970	G00B_012_012$_{dd}$	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	22.6	−8.6	2.8	9.1	161.6	0.417	0.0	0.417	0.901	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
971	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0

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

see similar files: http://130.149.60.45/~farbmetrik/SE04/SE04.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-SE04/SE04L0FA.TXT /.PS
application for measurement of offset print output, separationcmyn6* (CMYK)

TUB material: code=rha4ta

TUB-test chart SE04; 16 hues, offset standard paper APCO
colors and differences, Δ*E'**, 3D=1, de=0, *cmyk**

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

1−1033030−F0

SE0410A

TUB registration: 20130201-SE04/SE04L0FA.TXT /.PS
application for measurement of offset print output, separationcmyn6* (CMYK)

TUB material: code=rha4ta

see similar files: http://130.149.60.45/~farbmetrik/SE04/SE04.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$				*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$			
972	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
973	NW_012$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	28.2	0.0	0.0	0.0	0.0	0.011	0.1	0.901	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
974	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	0.0	0.003	0.053	0.81	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
975	NW_037$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	0.0	0.016	0.067	0.714	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
976	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	0.0	0.033	0.072	0.612	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
977	NW_062$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	67.1	0.0	0.0	0.0	0.0	0.014	0.045	0.469	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
978	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.9	0.0	0.0	0.0	0.0	0.0	0.02	0.333	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
979	NW_087$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.6	0.0	0.0	0.0	0.014	0.0	0.008	0.18	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
980	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	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
981	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
982	NW_012$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	28.2	0.0	0.0	0.0	0.0	0.011	0.1	0.901	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
983	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	0.0	0.003	0.053	0.81	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
984	NW_037$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	0.0	0.016	0.067	0.714	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
985	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	0.0	0.033	0.072	0.612	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
986	NW_062$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	67.1	0.0	0.0	0.0	0.0	0.014	0.045	0.469	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
987	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.9	0.0	0.0	0.0	0.0	0.0	0.02	0.333	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
988	NW_087$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.6	0.0	0.0	0.0	0.014	0.0	0.008	0.18	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
989	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	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
990	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
991	NW_012$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	28.2	0.0	0.0	0.0	0.0	0.011	0.1	0.901	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
992	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	0.0	0.003	0.053	0.81	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
993	NW_037$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	0.0	0.016	0.067	0.714	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
994	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	0.0	0.033	0.072	0.612	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
995	NW_062$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	67.1	0.0	0.0	0.0	0.0	0.014	0.045	0.469	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
996	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.9	0.0	0.0	0.0	0.0	0.0	0.02	0.333	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
997	NW_087$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.6	0.0	0.0	0.0	0.014	0.0	0.008	0.18	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
998	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	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
999	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1000	NW_012$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	28.2	0.0	0.0	0.0	0.0	0.011	0.1	0.901	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1001	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.9	0.0	0.0	0.0	0.0	0.003	0.053	0.81	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1002	NW_037$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	47.7	0.0	0.0	0.0	0.0	0.016	0.067	0.714	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1003	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	57.4	0.0	0.0	0.0	0.0	0.033	0.072	0.612	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1004	NW_062$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	67.1	0.0	0.0	0.0	0.0	0.014	0.045	0.469	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1005	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.9	0.0	0.0	0.0	0.0	0.0	0.02	0.333	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1006	NW_087$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.6	0.0	0.0	0.0	0.014	0.0	0.008	0.18	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1007	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	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1008	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1009	NW_006$_{dd}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	23.6	0.0	0.0	0.0	0.124	0.0	0.13	0.947	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1010	NW_013$_{dd}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	28.8	0.0	0.0	0.0	0.0	0.027	0.109	0.893	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1011	NW_020$_{dd}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	34.1	0.0	0.0	0.0	0.0	0.015	0.068	0.844	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1012	NW_026$_{dd}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	39.2	0.0	0.0	0.0	0.0	0.008	0.057	0.798	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1013	NW_033$_{dd}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	44.4	0.0	0.0	0.0	0.0	0.045	0.091	0.747	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1014	NW_040$_{dd}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	49.6	0.0	0.0	0.0	0.0	0.0	0.046	0.695	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1015	NW_046$_{dd}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	54.8	0.0	0.0	0.0	0.0	0.017	0.058	0.643	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1016	NW_053$_{dd}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	60.0	0.0	0.0	0.0	0.007	0.0	0.042	0.568	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1017	NW_060$_{dd}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	65.2	0.0	0.0	0.0	0.0	0.025	0.058	0.493	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1018	NW_066$_{dd}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	70.3	0.0	0.0	0.0	0.0	0.0	0.025	0.427	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1019	NW_073$_{dd}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.6	0.0	0.0	0.0	0.0	0.014	0.038	0.354	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1020	NW_080$_{dd}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.8	0.0	0.0	0.0	0.0	0.004	0.021	0.272	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1021	NW_086$_{dd}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.9	0.0	0.0	0.0	0.014	0.0	0.009	0.191	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1022	NW_093$_{dd}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.1	0.0	0.0	0.0	0.01	0.0	0.003	0.095	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1023	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	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1024	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1025	NW_006$_{dd}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	23.6	0.0	0.0	0.0	0.124	0.0	0.13	0.947	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1026	NW_013$_{dd}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	28.8	0.0	0.0	0.0	0.0	0.027	0.109	0.893	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1027	NW_020$_{dd}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	34.1	0.0	0.0	0.0	0.0	0.015	0.068	0.844	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1028	NW_026$_{dd}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	39.2	0.0	0.0	0.0	0.0	0.008	0.057	0.798	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1029	NW_033$_{dd}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	44.4	0.0	0.0	0.0	0.0	0.045	0.091	0.747	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1030	NW_040$_{dd}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	49.6	0.0	0.0	0.0	0.0	0.0	0.046	0.695	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1031	NW_046$_{dd}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	54.8	0.0	0.0	0.0	0.0	0.017	0.058	0.643	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1032	NW_053$_{dd}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	60.0	0.0	0.0	0.0	0.007	0.0	0.042	0.568	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1033	NW_060$_{dd}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	65.2	0.0	0.0	0.0	0.0	0.025	0.058	0.493	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1034	NW_066$_{dd}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	70.3	0.0	0.0	0.0	0.0	0.0	0.025	0.427	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1035	NW_073$_{dd}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.6	0.0	0.0	0.0	0.0	0.014	0.038	0.354	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1036	NW_080$_{dd}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.8	0.0	0.0	0.0	0.0	0.004	0.021	0.272	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1037	NW_086$_{dd}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.9	0.0	0.0	0.0	0.014	0.0	0.009	0.191	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1038	NW_093$_{dd}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	91.1	0.0	0.0	0.0	0.01	0.0	0.003	0.095	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1039	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	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1040	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1041	NW_006$_{dd}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	23.6	0.0	0.0	0.0	0.124	0.0	0.13	0.947	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1042	NW_013$_{dd}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	28.8	0.0	0.0	0.0	0.0	0.027	0.109	0.893	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1043	NW_020$_{dd}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	34.1	0.0	0.0	0.0	0.0	0.015	0.068	0.844	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1044	NW_026$_{dd}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	39.2	0.0	0.0	0.0	0.0	0.008	0.057	0.798	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1045	NW_033$_{dd}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	44.4	0.0	0.0	0.0	0.0	0.045	0.091	0.747	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1046	NW_040$_{dd}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	49.6	0.0	0.0	0.0	0.0	0.0	0.046	0.695	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1047	NW_046$_{dd}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	54.8	0.0	0.0	0.0	0.0	0.017	0.058	0.643	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1048	NW_053$_{dd}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	60.0	0.0	0.0	0.0	0.007	0.0	0.042	0.568	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1049	NW_060$_{dd}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	65.2	0.0	0.0	0.0	0.0	0.025	0.058	0.493	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1050	NW_066$_{dd}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	70.3	0.0	0.0	0.0	0.0	0.0	0.025	0.427	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1051	NW_073$_{dd}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	75.6	0.0	0.0	0.0	0.0	0.014	0.038	0.354	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1052	NW_080$_{dd}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.8	0.0	0.0	0.0	0.0	0.004	0.021	0.272	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0

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

TUB-test chart SE04; 16 hues, offset standard paper APCO colors and differences, $\Delta E'$*, 3D=1, de=0, *cmyk**

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

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*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	85.9	0.0	0.0	0.0	0.0	0.014	0.0	0.009	0.191	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	91.1	0.0	0.0	0.0	0.0	0.01	0.0	0.003	0.095	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	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
1056	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	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	23.6	0.0	0.0	0.0	0.0	0.124	0.0	0.13	0.947	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	28.8	0.0	0.0	0.0	0.0	0.0	0.027	0.109	0.893	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	34.1	0.0	0.0	0.0	0.0	0.0	0.015	0.068	0.844	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	39.2	0.0	0.0	0.0	0.0	0.0	0.008	0.057	0.798	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	44.4	0.0	0.0	0.0	0.0	0.0	0.045	0.091	0.747	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	49.6	0.0	0.0	0.0	0.0	0.0	0.0	0.046	0.695	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	54.8	0.0	0.0	0.0	0.0	0.0	0.017	0.058	0.643	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	60.0	0.0	0.0	0.0	0.0	0.007	0.0	0.042	0.568	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	65.2	0.0	0.0	0.0	0.0	0.0	0.025	0.058	0.493	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	70.3	0.0	0.0	0.0	0.0	0.0	0.0	0.025	0.427	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	75.6	0.0	0.0	0.0	0.0	0.0	0.014	0.038	0.354	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	80.8	0.0	0.0	0.0	0.0	0.0	0.004	0.021	0.272	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	85.9	0.0	0.0	0.0	0.0	0.014	0.0	0.009	0.191	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	91.1	0.0	0.0	0.0	0.0	0.01	0.0	0.003	0.095	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	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
1072	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	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	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
1074	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.5	65.5	38.4	76.0	30.4
1075	G50B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6	0.999	0.0	0.0	0.0	210	0.0	1.0	1.0	57.8	−31.9	−45.1	55.3	234.6
1076	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0	0.0	0.0	1.0	0.0	89	1.0	1.0	0.0	89.4	−9.5	89.0	89.6	96.0
1077	B00R_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6	1.0	1.0	0.0	0.0	270	0.0	0.0	1.0	24.9	22.9	−47.8	53.0	295.6
1078	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6	0.999	0.0	1.0	0.0	149	0.0	1.0	0.0	51.6	−69.3	23.0	73.1	161.6
1079	B50R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	48.2	74.2	−8.7	74.7	353.2

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

TUB-test chart SE04; 16 hues, offset standard paper APCO colors and differences, $\Delta E'$*, 3D=1, de=0, *cmyk**

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

1−1033230−F0