

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 102/360 = 0.28$

$H^*_ = Y25G_ -$

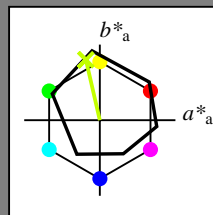
Data for any device (d) or elementary (e) colour:

$HIC^*_ -$

hue text for the colours of this page:

$H^*_ = Y25G_ -$

triangle lightness T^*



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

Data for maximum colour (Ma):

$LabCh^*_{-,Ma}$: 83 -18 79 81 102

$HIC^*_{-,Ma}$: Y25G_100_100_

$rgbic^*_{-,Ma}$:

0.76 1.0 0.0 1.0 1.0

triangle lightness T^*

%Gamut

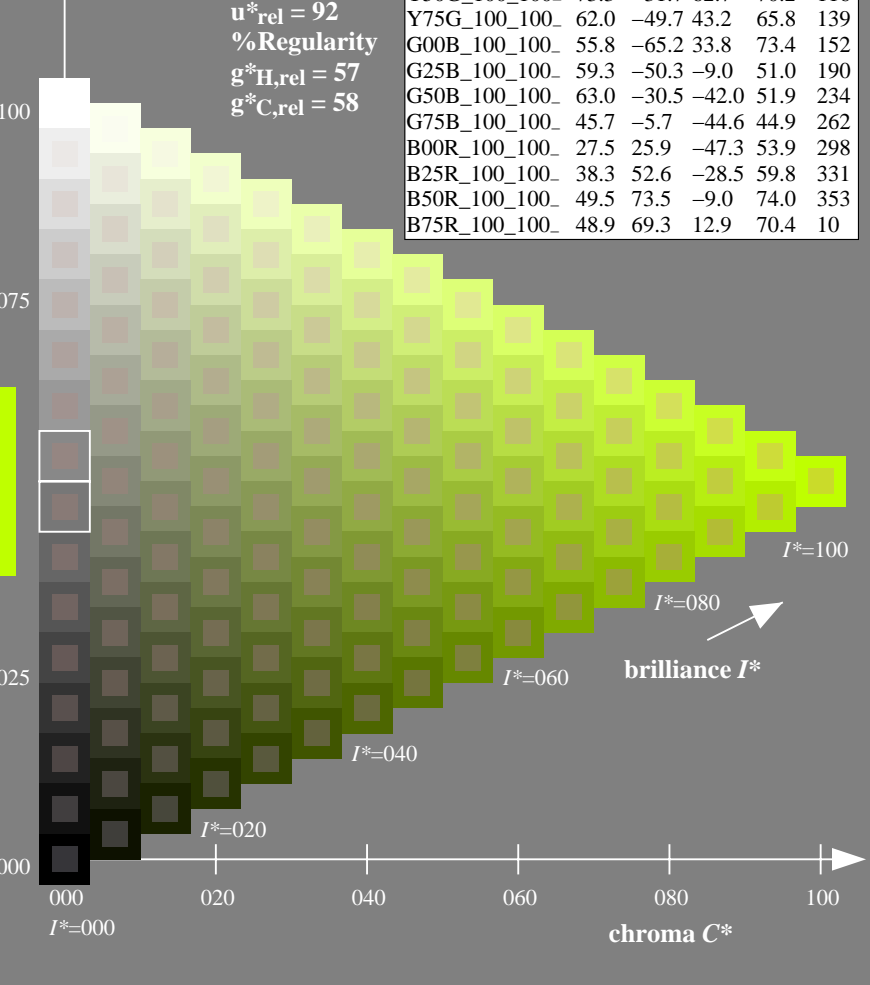
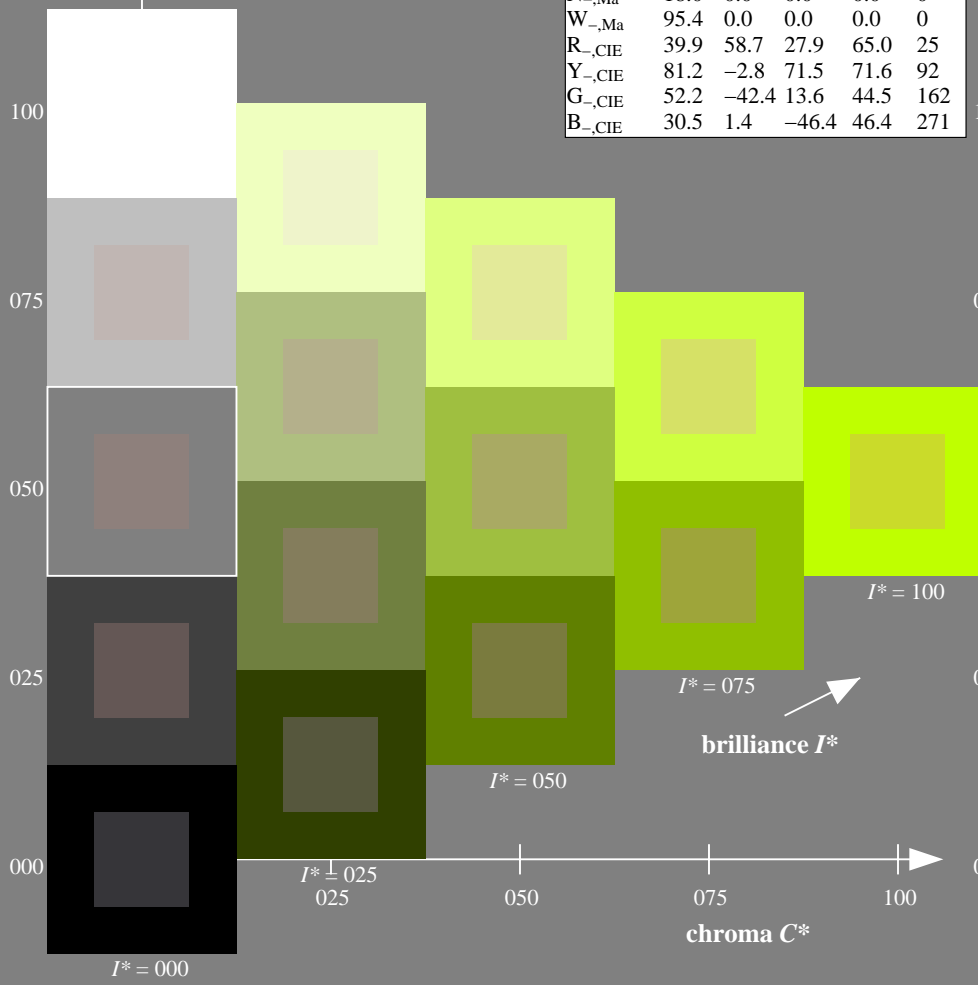
$u^*_{rel} = 92$

%Regularity

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

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



see similar files: <http://130.149.60.45/~farbmetrik/QE47/QE47L0FA.TXT> /PS
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE47/QE47L0FA.TXT /PS
 application for measurement of offset print output

TUB material: code=rh4ta

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 101/360 = 0.28$

$H^*_d = Y25G_d$

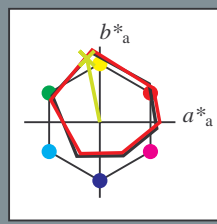
Data for any device (d) or elementary (e) colour:

HIC^*_d

hue text for the colours of this page:

$H^*_d = Y25G_d$

triangle lightness T^*



ORS20a; adapted (a) CIELAB data

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d,Ma}	45.4	70.9	44.8	83.9
Y _{d,Ma}	87.8	-10.2	95.4	96.0
G _{d,Ma}	50.0	-65.0	29.6	71.4
C _{d,Ma}	56.8	-25.5	-41.5	48.7
B _{d,Ma}	25.0	29.5	-40.4	50.0
M _{d,Ma}	46.1	79.3	-0.2	79.3
N _{d,Ma}	24.3	0.0	0.0	0.0
W _{d,Ma}	95.6	0.0	0.0	0.0
R _{d,CIE}	39.9	58.7	27.9	65.0
Y _{d,CIE}	81.2	-2.8	71.5	71.6
G _{d,CIE}	52.2	-42.4	13.6	44.5
B _{d,CIE}	30.5	1.4	-46.4	46.4

Data for maximum colour (Ma):

$LabCh^*_{d,Ma}$: 81 -17 84 86 101

$HIC^*_{d,Ma}$: Y25G_100_100d

$rgbic^*_{d,Ma}$:

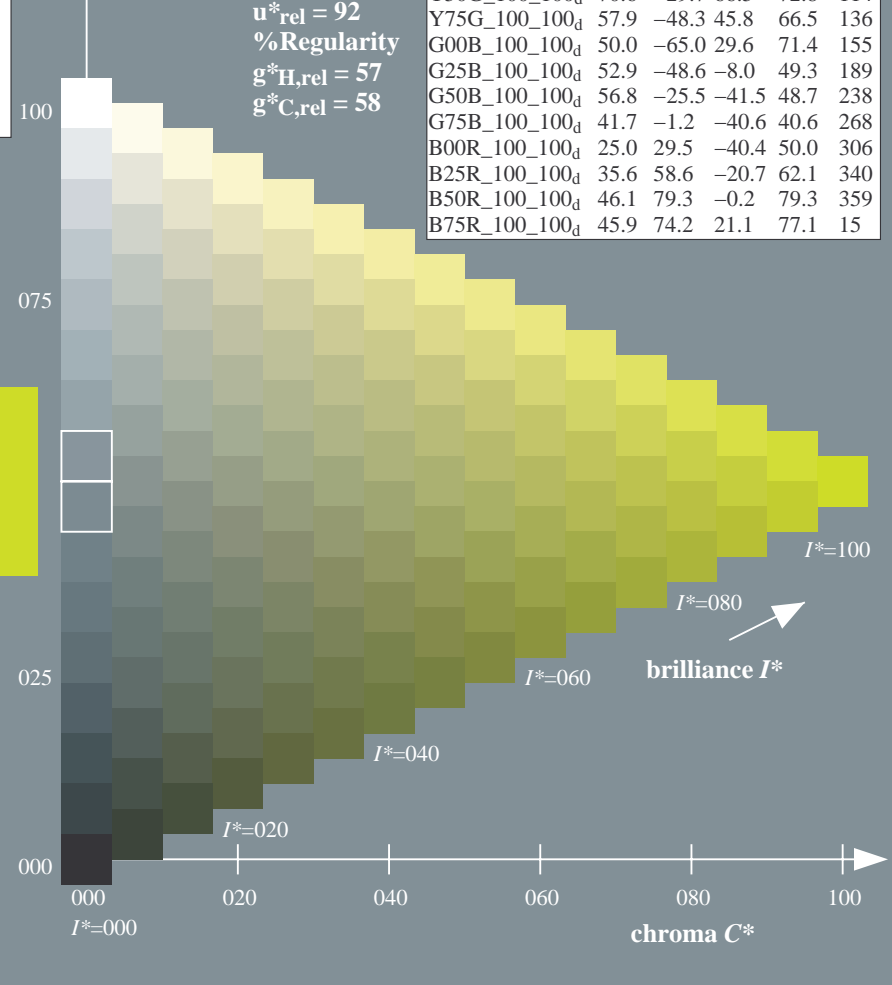
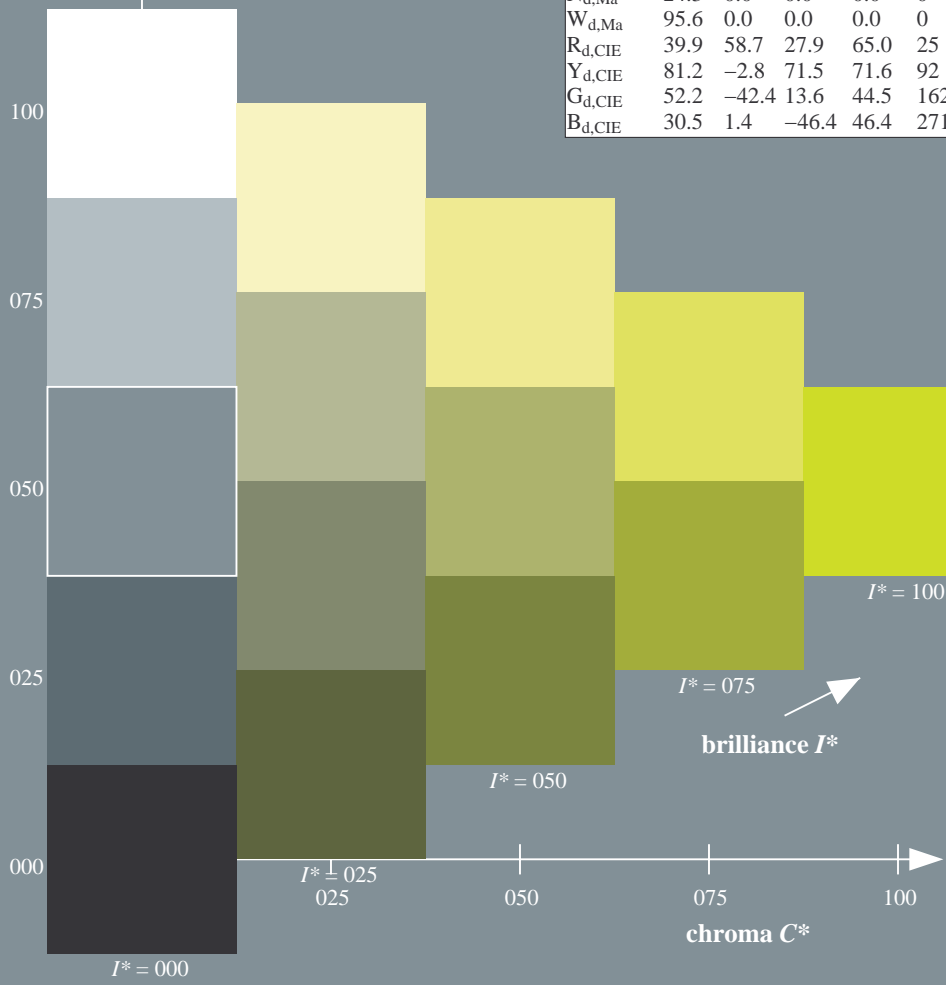
0.76 1.0 0.0 1.0 1.0

triangle lightness T^*

ORS20a; adapted (a) CIELAB data

H^*_d	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100d	45.4	70.9	44.8	83.9
R25Y_100_100d	53.0	53.4	54.8	76.5
R50Y_100_100d	64.9	28.9	68.6	74.5
R75Y_100_100d	78.6	4.3	84.7	84.8
Y00G_100_100d	87.8	-10.2	95.4	96.0
Y25G_100_100d	81.2	-17.0	84.3	86.0
Y50G_100_100d	70.6	-29.7	66.5	72.8
Y75G_100_100d	57.9	-48.3	45.8	66.5
G00B_100_100d	50.0	-65.0	29.6	71.4
G25B_100_100d	52.9	-48.6	-8.0	49.3
G50B_100_100d	56.8	-25.5	-41.5	48.7
G75B_100_100d	41.7	-1.2	-40.6	40.6
B00R_100_100d	25.0	29.5	-40.4	50.0
B25R_100_100d	35.6	58.6	-20.7	62.1
B50R_100_100d	46.1	79.3	-0.2	79.3
B75R_100_100d	45.9	74.2	21.1	77.1

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



see similar files: http://130.149.60.45/~farbmetrik/QE47/QE47L0FA.TXT /PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE47/QE47L0FA.TXT /PS
application for measurement of offset print output, separation $cmY0^*$ (CMY0)
TUB material: code=rh4ta

1-103131-L0 QE470-72

TUB-test chart QE47; hue code: $H^*_d=Y25G_d$

Test chart according to DIN 33872, 3D=1, de=0, $cmY0^*$

input: $rgb/cmyk \rightarrow rgb_{dd}$

output: 3D-linearization to $cmY0^*_{dd}$

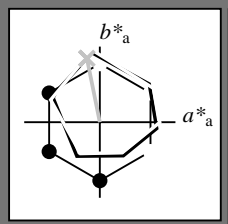
1-103131-F0

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 101/360 = 0.28$

$H^*_d = Y25G_d$

Data for any device (d) or elementary (e) colour:

HIC^*_d
hue text for the colours of this page:
 $H^*_d = Y25G_d$
triangle lightness T^*



ORS20a; adapted (a) CIELAB data

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d, Ma}	45.4	70.9	44.8	83.9	32
Y _{d, Ma}	87.8	-10.2	95.4	96.0	96
G _{d, Ma}	50.0	-65.0	29.6	71.4	155
C _{d, Ma}	56.8	-25.5	-41.5	48.7	238
B _{d, Ma}	25.0	29.5	-40.4	50.0	306
M _{d, Ma}	46.1	79.3	-0.2	79.3	359
N _{d, Ma}	24.3	0.0	0.0	0.0	0
W _{d, Ma}	95.6	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 for maximum colour (Ma):

$LabCh^*_{d, Ma}$: 81 -17 84 86 101

$HIC^*_{d, Ma}$: Y25G_100_100d

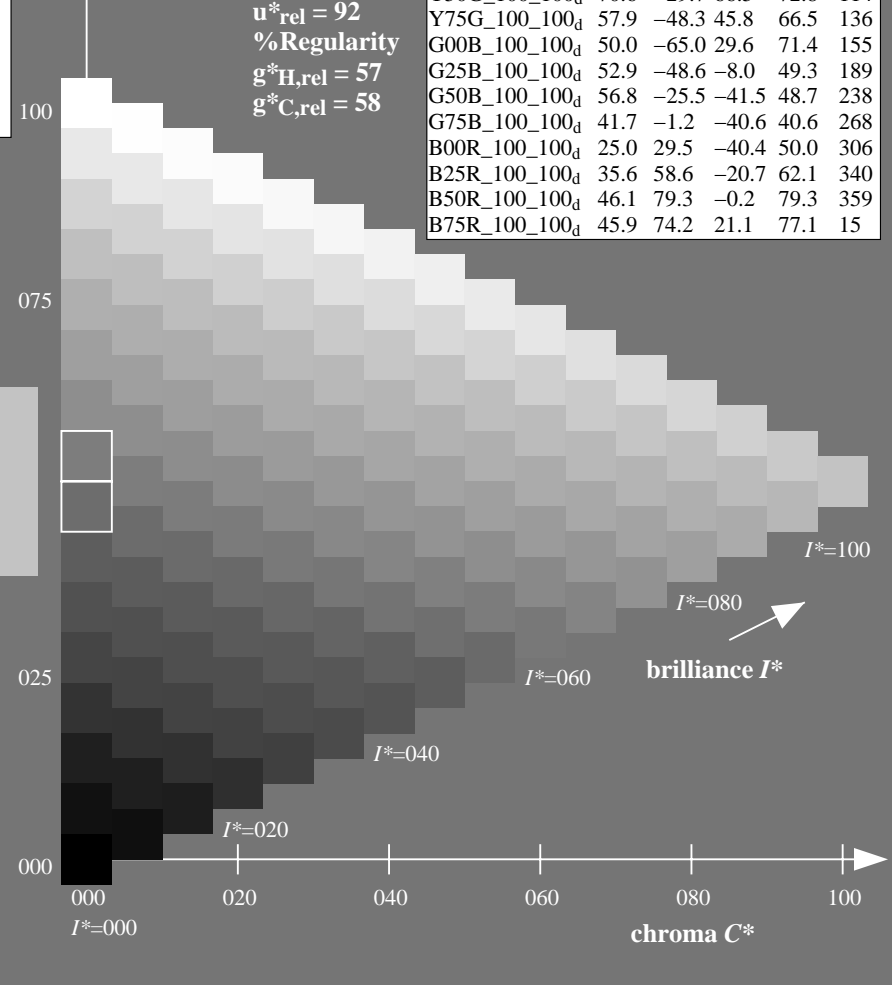
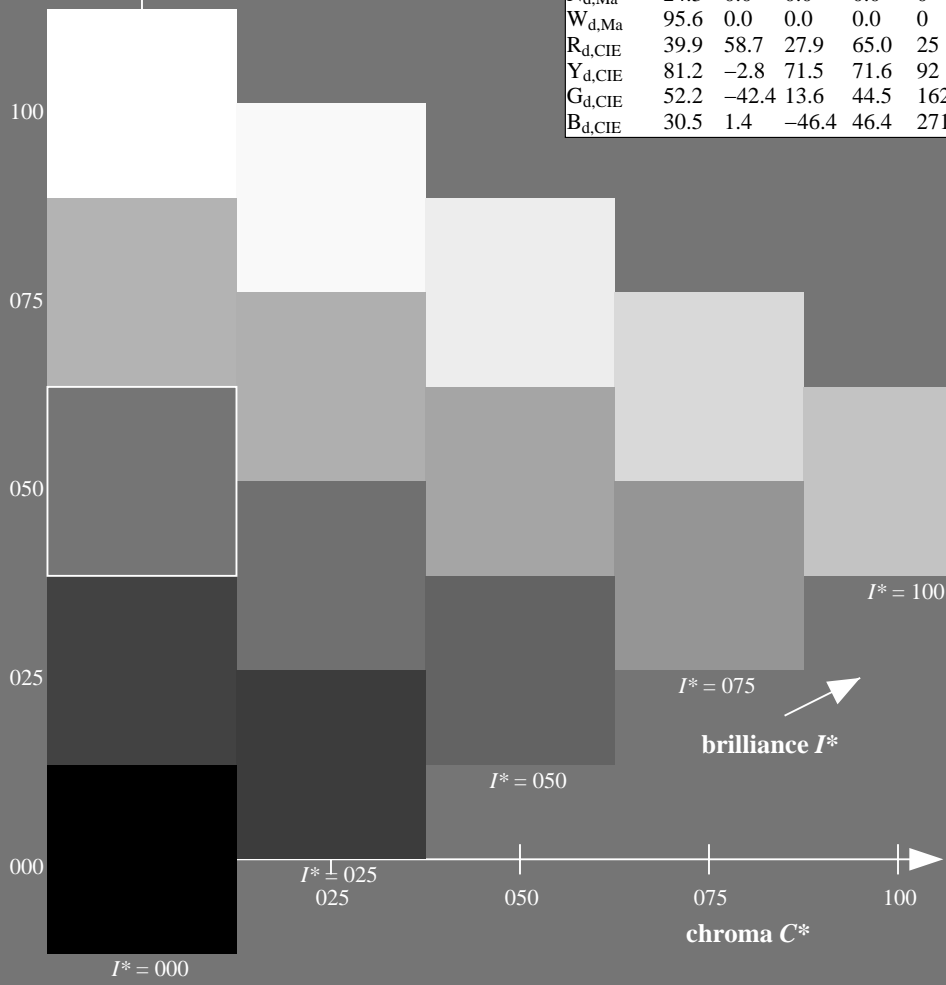
$rgbic^*_{d, Ma}$:
0.76 1.0 0.0 1.0 1.0

triangle lightness T^*

ORS20a; adapted (a) CIELAB data

H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 _d	45.4	70.9	44.8	83.9	32
R25Y_100_100 _d	53.0	53.4	54.8	76.5	45
R50Y_100_100 _d	64.9	28.9	68.6	74.5	67
R75Y_100_100 _d	78.6	4.3	84.7	84.8	87
Y00G_100_100 _d	87.8	-10.2	95.4	96.0	96
Y25G_100_100 _d	81.2	-17.0	84.3	86.0	101
Y50G_100_100 _d	70.6	-29.7	66.5	72.8	114
Y75G_100_100 _d	57.9	-48.3	45.8	66.5	136
G00B_100_100 _d	50.0	-65.0	29.6	71.4	155
G25B_100_100 _d	52.9	-48.6	-8.0	49.3	189
G50B_100_100 _d	56.8	-25.5	-41.5	48.7	238
G75B_100_100 _d	41.7	-1.2	-40.6	40.6	268
B00R_100_100 _d	25.0	29.5	-40.4	50.0	306
B25R_100_100 _d	35.6	58.6	-20.7	62.1	340
B50R_100_100 _d	46.1	79.3	-0.2	79.3	359
B75R_100_100 _d	45.9	74.2	21.1	77.1	15

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



see similar files: http://130.149.60.45/~farbmetrik/QE47/QE47L0FA.TXT /PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE47/QE47L0FA.TXT /PS
application for measurement of offset print output, separation cmy0* (CMY0)
TUB material: code=rh4ta

1-103231-L0 QE470-72

TUB-test chart QE47; hue code: $H^*_d = Y25G_d$
Test chart according to DIN 33872, 3D=1, de=0, $cmy0^*$

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

1-103231-F0

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 101/360 = 0.28$

$H^*_d = Y25G_d$

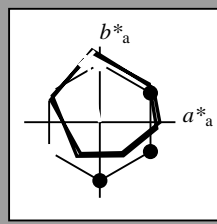
Data for any device (d) or elementary (e) colour:

HIC^*_d

hue text for the colours of this page:

$H^*_d = Y25G_d$

triangle lightness T^*



ORS20a; adapted (a) CIELAB data

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d, Ma}	45.4	70.9	44.8	83.9	32
Y _{d, Ma}	87.8	-10.2	95.4	96.0	96
G _{d, Ma}	50.0	-65.0	29.6	71.4	155
C _{d, Ma}	56.8	-25.5	-41.5	48.7	238
B _{d, Ma}	25.0	29.5	-40.4	50.0	306
M _{d, Ma}	46.1	79.3	-0.2	79.3	359
N _{d, Ma}	24.3	0.0	0.0	0.0	0
W _{d, Ma}	95.6	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 for maximum colour (Ma):

$LabCh^*_d, Ma$: 81 -17 84 86 101

HIC^*_d, Ma : Y25G_100_100d

$rgbic^*_d, Ma$:

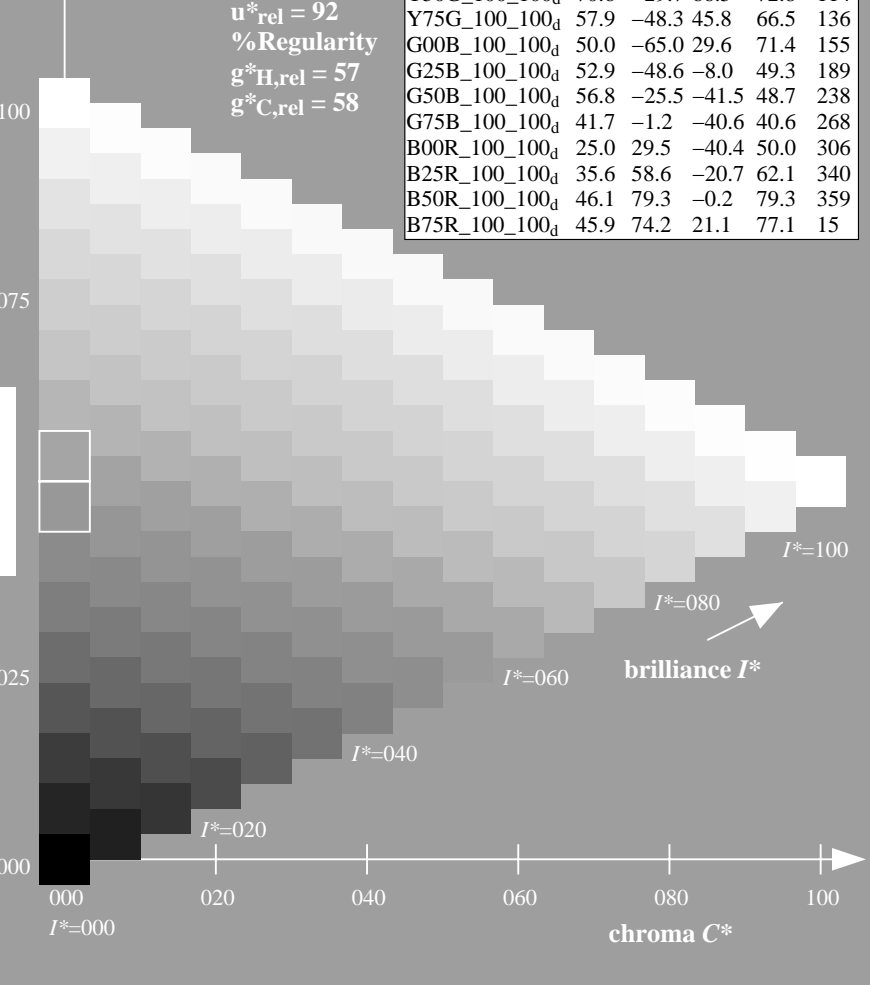
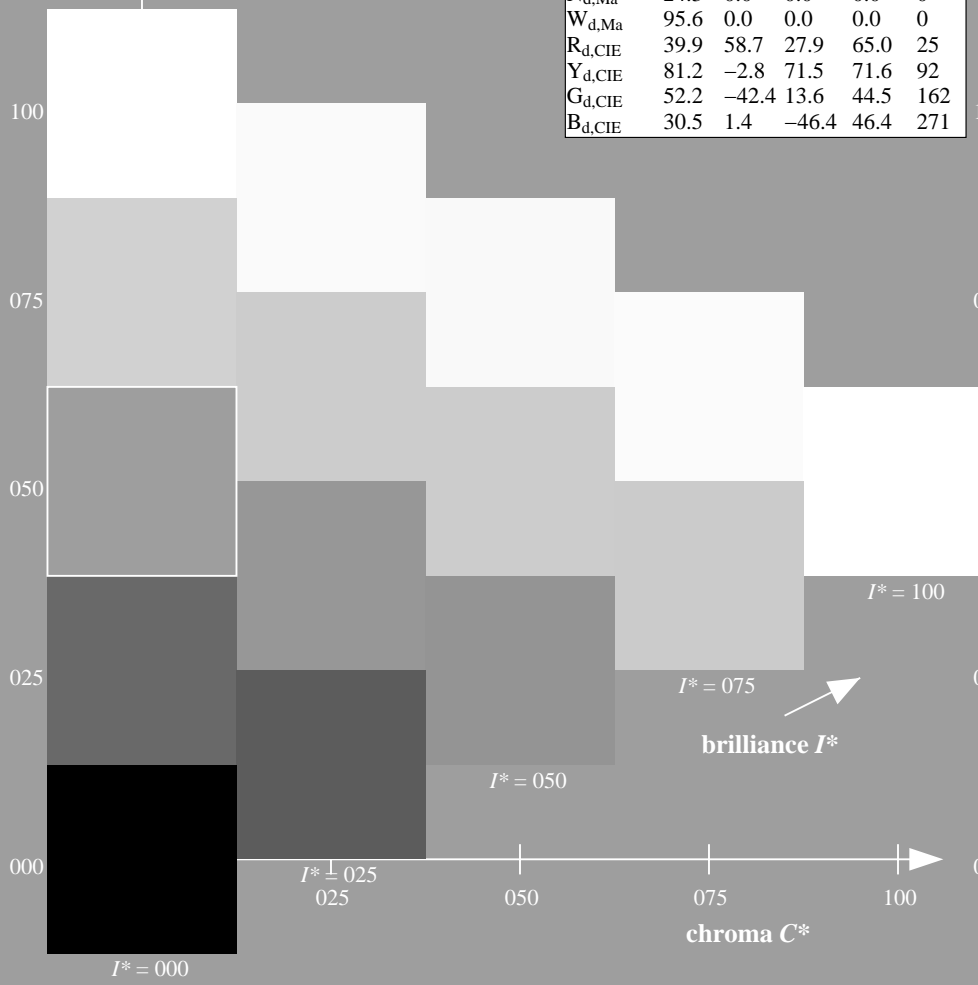
0.76 1.0 0.0 1.0 1.0

triangle lightness T^*

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

ORS20a; adapted (a) CIELAB data

H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100d	45.4	70.9	44.8	83.9	32
R25Y_100_100d	53.0	53.4	54.8	76.5	45
R50Y_100_100d	64.9	28.9	68.6	74.5	67
R75Y_100_100d	78.6	4.3	84.7	84.8	87
Y00G_100_100d	87.8	-10.2	95.4	96.0	96
Y25G_100_100d	81.2	-17.0	84.3	86.0	101
Y50G_100_100d	70.6	-29.7	66.5	72.8	114
Y75G_100_100d	57.9	-48.3	45.8	66.5	136
G00B_100_100d	50.0	-65.0	29.6	71.4	155
G25B_100_100d	52.9	-48.6	-8.0	49.3	189
G50B_100_100d	56.8	-25.5	-41.5	48.7	238
G75B_100_100d	41.7	-1.2	-40.6	40.6	268
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B25R_100_100d	35.6	58.6	-20.7	62.1	340
B50R_100_100d	46.1	79.3	-0.2	79.3	359
B75R_100_100d	45.9	74.2	21.1	77.1	15



see similar files: http://130.149.60.45/~farbmetrik/QE47/QE47L0FA.TXT /PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE47/QE47L0FA.TXT /PS
application for measurement of offset print output, separation cmy0* (CMY0)
TUB material: code=rh4ta

1-103331-L0 QE470-72

TUB-test chart QE47; hue code: $H^*_d = Y25G_d$

Test chart according to DIN 33872, 3D=1, de=0, $cmy0^*$

input: $rgb/cmyk \rightarrow rgb_{dd}$

output: 3D-linearization to $cmy0^*_{dd}$

1-103331-F0

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 101/360 = 0.28$

$H^*_d = Y25G_d$

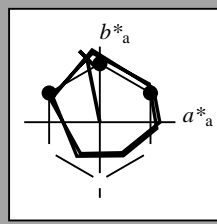
Data for any device (d) or elementary (e) colour:

HIC^*_d

hue text for the colours of this page:

$H^*_d = Y25G_d$

triangle lightness T^*



ORS20a; adapted (a) CIELAB data

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d, Ma}	45.4	70.9	44.8	83.9
Y _{d, Ma}	87.8	-10.2	95.4	96.0
G _{d, Ma}	50.0	-65.0	29.6	71.4
C _{d, Ma}	56.8	-25.5	-41.5	48.7
B _{d, Ma}	25.0	29.5	-40.4	50.0
M _{d, Ma}	46.1	79.3	-0.2	79.3
N _{d, Ma}	24.3	0.0	0.0	0.0
W _{d, Ma}	95.6	0.0	0.0	0.0
R _{d, CIE}	39.9	58.7	27.9	65.0
Y _{d, CIE}	81.2	-2.8	71.5	71.6
G _{d, CIE}	52.2	-42.4	13.6	44.5
B _{d, CIE}	30.5	1.4	-46.4	46.4

Data for maximum colour (Ma):

$LabCh^*_d, Ma$: 81 -17 84 86 101

HIC^*_d, Ma : Y25G_100_100d

$rgbic^*_d, Ma$:

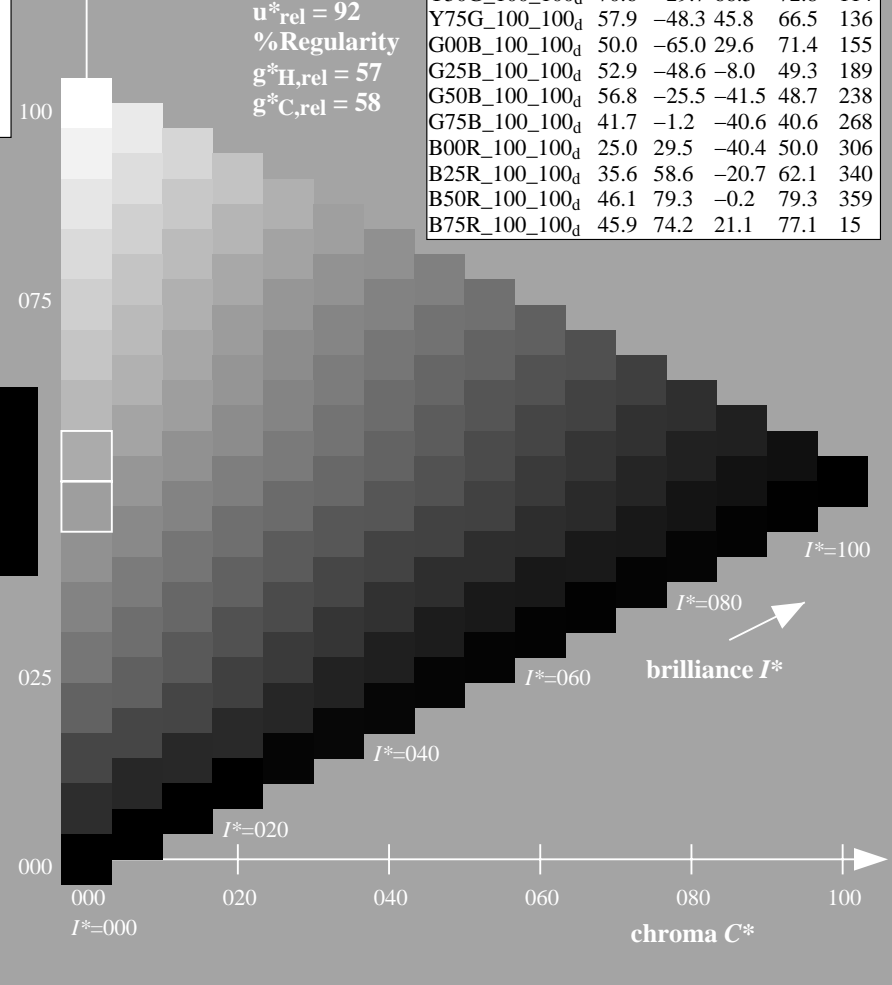
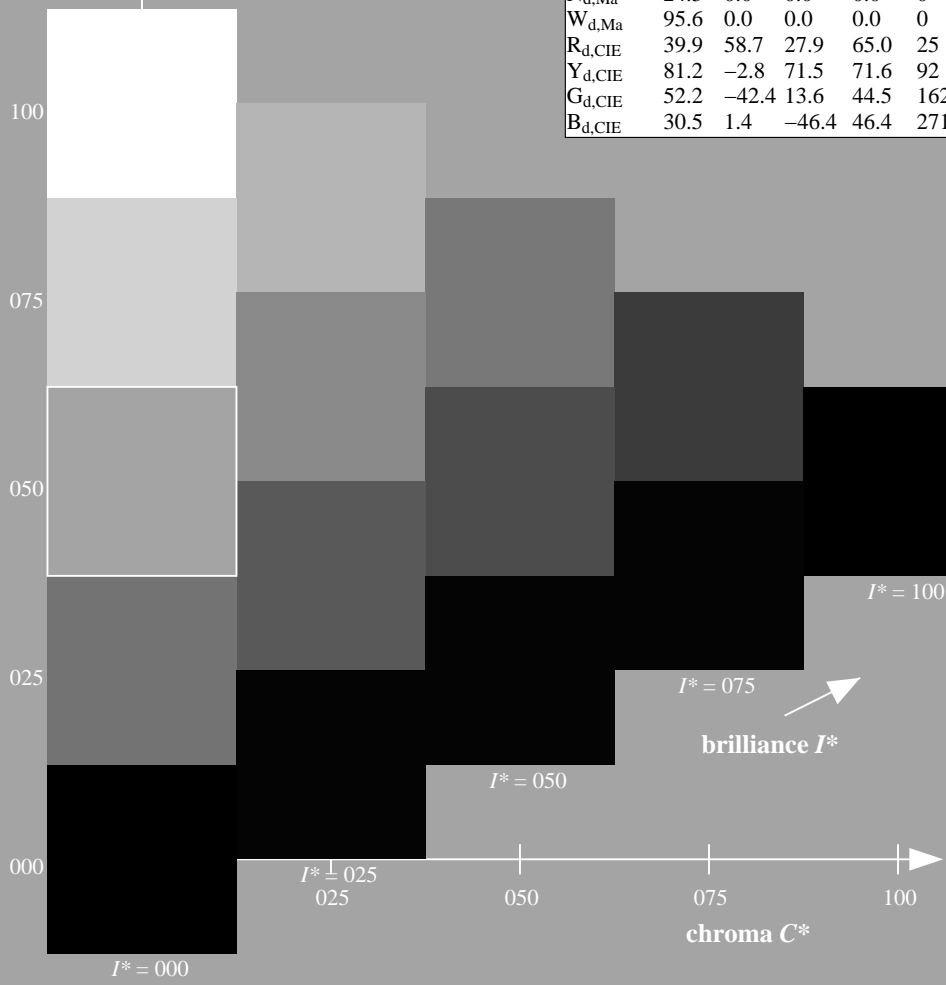
0.76 1.0 0.0 1.0 1.0

triangle lightness T^*

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

ORS20a; adapted (a) CIELAB data

H^*_d	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100d	45.4	70.9	44.8	83.9
R25Y_100_100d	53.0	53.4	54.8	76.5
R50Y_100_100d	64.9	28.9	68.6	74.5
R75Y_100_100d	78.6	4.3	84.7	84.8
Y00G_100_100d	87.8	-10.2	95.4	96.0
Y25G_100_100d	81.2	-17.0	84.3	86.0
Y50G_100_100d	70.6	-29.7	66.5	72.8
Y75G_100_100d	57.9	-48.3	45.8	66.5
G00B_100_100d	50.0	-65.0	29.6	71.4
G25B_100_100d	52.9	-48.6	-8.0	49.3
G50B_100_100d	56.8	-25.5	-41.5	48.7
G75B_100_100d	41.7	-1.2	-40.6	40.6
B00R_100_100d	25.0	29.5	-40.4	50.0
B25R_100_100d	35.6	58.6	-20.7	62.1
B50R_100_100d	46.1	79.3	-0.2	79.3
B75R_100_100d	45.9	74.2	21.1	77.1



see similar files: <http://130.149.60.45/~farbmetrik/QE47/QE47L0FA.TXT> /PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE47/QE47L0FA.TXT /PS
application for measurement of offset print output, separation $cmY0^*$ (CMY0)
TUB material: code=rh4ta

1-103431-L0 QE470-72

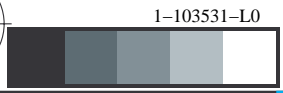
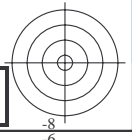
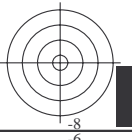
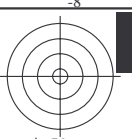
TUB-test chart QE47; hue code: $H^*_d=Y25G_d$
Test chart according to DIN 33872, 3D=1, de=0, $cmY0^*$

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmY0^*_{dd}$

1-103431-F0

TUB registration: 20130201-QE47/QE47L0FA.TXT /.PS TUB material: code=rh4ta
application for measurement of offset print output, separation cmy0* (CMY0)

see similar files: <http://130.149.60.45/~farbmetrik/QE47/QE47.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



1-103531-L0 QE470-72

TUB-test chart QE47; hue code: $H^*_d=Y25G_d$
Test chart according to DIN 33872, 3D=1, de=0, cmy0*

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



Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, 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 $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$ Yellow

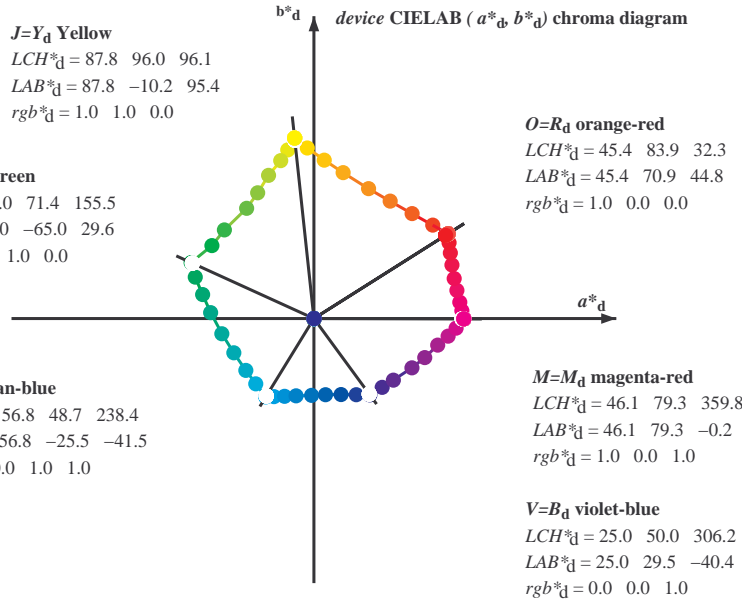
$LCH^*_d = 87.8 \ 96.0 \ 96.1$
 $LAB^*_d = 87.8 \ -10.2 \ 95.4$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$ leaf-green

$LCH^*_d = 50.0 \ 71.4 \ 155.5$
 $LAB^*_d = 50.0 \ -65.0 \ 29.6$
 $rgb^*_d = 0.0 \ 1.0 \ 0.0$

$C=C_d$ cyan-blue

$LCH^*_d = 56.8 \ 48.7 \ 238.4$
 $LAB^*_d = 56.8 \ -25.5 \ -41.5$
 $rgb^*_d = 0.0 \ 1.0 \ 1.0$



$O=R_d$ orange-red

$LCH^*_d = 45.4 \ 83.9 \ 32.3$
 $LAB^*_d = 45.4 \ 70.9 \ 44.8$
 $rgb^*_d = 1.0 \ 0.0 \ 0.0$

$M=M_d$ magenta-red

$LCH^*_d = 46.1 \ 79.3 \ 359.8$
 $LAB^*_d = 46.1 \ 79.3 \ -0.2$
 $rgb^*_d = 1.0 \ 0.0 \ 1.0$

$V=B_d$ violet-blue

$LCH^*_d = 25.0 \ 50.0 \ 306.2$
 $LAB^*_d = 25.0 \ 29.5 \ -40.4$
 $rgb^*_d = 0.0 \ 0.0 \ 1.0$

Y_e yellow

$LCH^*_e = 83.6 \ 90.4 \ 92.3$
 $LAB^*_e = 83.6 \ -3.6 \ 90.4$
 $rgb^*_{de} = 1.0 \ 0.878 \ 0.0$

G_e green

$LCH^*_e = 50.6 \ 65.2 \ 162.2$
 $LAB^*_e = 50.6 \ -62.1 \ 19.9$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.151$

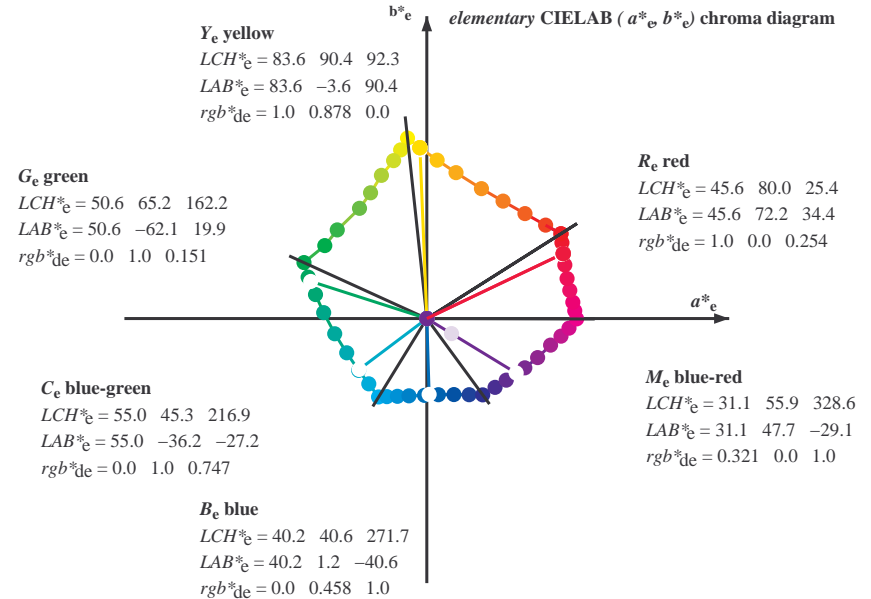
C_e blue-green

$LCH^*_e = 55.0 \ 45.3 \ 216.9$
 $LAB^*_e = 55.0 \ -36.2 \ -27.2$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.747$

B_e blue

$LCH^*_e = 40.2 \ 40.6 \ 271.7$
 $LAB^*_e = 40.2 \ 1.2 \ -40.6$
 $rgb^*_{de} = 0.0 \ 0.458 \ 1.0$

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



R_e red

$LCH^*_e = 45.6 \ 80.0 \ 25.4$
 $LAB^*_e = 45.6 \ 72.2 \ 34.4$
 $rgb^*_{de} = 1.0 \ 0.0 \ 0.254$

M_e blue-red

$LCH^*_e = 31.1 \ 55.9 \ 328.6$
 $LAB^*_e = 31.1 \ 47.7 \ -29.1$
 $rgb^*_{de} = 0.321 \ 0.0 \ 1.0$

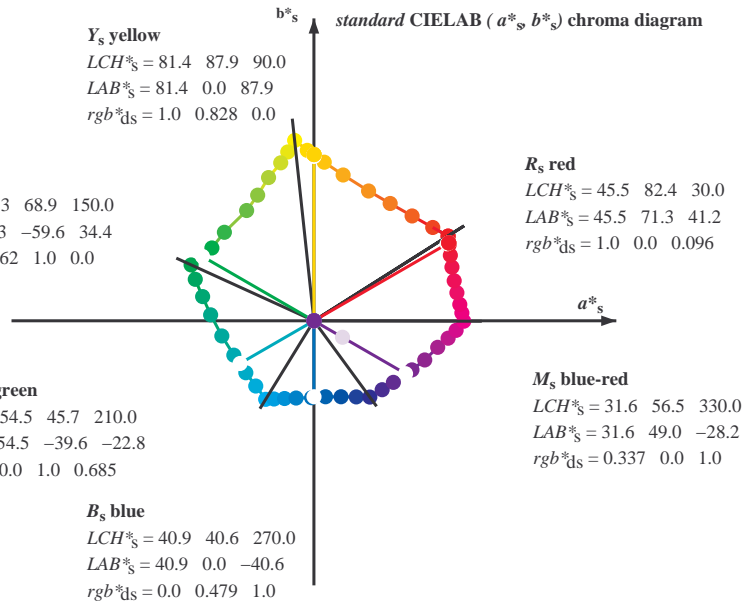
standard CIELAB (a^*_s, b^*_s) chroma diagram

Y_s yellow

$LCH^*_s = 81.4 \ 87.9 \ 90.0$
 $LAB^*_s = 81.4 \ 0.0 \ 87.9$
 $rgb^*_{ds} = 1.0 \ 0.828 \ 0.0$

G_s green

$LCH^*_s = 52.3 \ 68.9 \ 150.0$
 $LAB^*_s = 52.3 \ -59.6 \ 34.4$
 $rgb^*_{ds} = 0.062 \ 1.0 \ 0.0$



R_s red

$LCH^*_s = 45.5 \ 82.4 \ 30.0$
 $LAB^*_s = 45.5 \ 71.3 \ 41.2$
 $rgb^*_{ds} = 1.0 \ 0.0 \ 0.096$

M_s blue-red

$LCH^*_s = 31.6 \ 56.5 \ 330.0$
 $LAB^*_s = 31.6 \ 49.0 \ -28.2$
 $rgb^*_{ds} = 0.337 \ 0.0 \ 1.0$

B_s blue

$LCH^*_s = 40.9 \ 40.6 \ 270.0$
 $LAB^*_s = 40.9 \ 0.0 \ -40.6$
 $rgb^*_{ds} = 0.0 \ 0.479 \ 1.0$

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

1. For the rgb^*_e -input values the CIELAB data LCH^*_e and LAB^*_e have been calculated.

2. For the calculation of the standard hue angle $h_{ab,s}$ use for any device values rgb^*_d the equation:

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

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 : $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$ ($i=0,6$) and the equations for a 48 and 360 step hue circle:

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

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

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 : $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$ ($i=0,6$) and the equations for a 48 and 360 step elementary hue circle:

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

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

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^*_e produce the output of the device-independent elementary hues

see similar files: http://130.149.60.45/~farbmetrik/QE47/QE47L0FA.TXT /PS
 technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

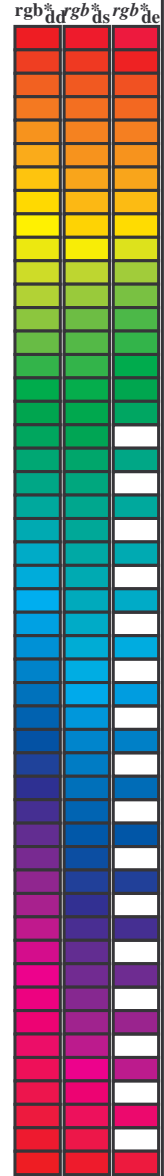
TUB registration: 20130201-QE47/QE47L0FA.TXT /PS
 application for measurement of offset print output, separation cmy0* (CMY0)
 TUB material: code=rh4ta

Data of maximum color M in colorimetric system Offset standard print; separation cmy0*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCM_s: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
 Six hue angles of the device colours RYGBCM_d: h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; Six hue angles of the elementary colours RYGBCM_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 ^{b*} _{dd}	dd64M	LAB ^{b*} _{ddx64M} (x=LabCh)	rgb ^{b*} _{ddx361M}	LAB ^{b*} _{ddx361M} (x=LabCh)	rgb ^{b*} _{dsx361M}	LAB ^{b*} _{dsx361M} (x=LabCh)	rgb ^{b*} _{dex361M}	LAB ^{b*} _{dex361M}	rgb ^{b*} _{dex361M}	LAB ^{b*} _{dex361M}																					
32.3	30.0	25.4	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	1.0	0.0	0.0	45.5	70.9	44.9	83.9	32	1.0	0.0	0.096	45.5	71.4	41.2	82.4	30	1.0	0.0	0.255	45.7	72.2	34.4	80.0	25
38.1	37.5	33.8	1.0	0.125	0.0	48.9	62.8	49.4	79.9	38.1	1.0	0.117	0.0	48.7	63.4	49.1	80.2	37	1.0	0.1	0.0	48.2	64.5	48.6	80.7	37	1.0	0.021	0.0	46.0	69.6	45.7	83.3	33
46.8	45.0	42.1	1.0	0.25	0.0	53.6	51.9	55.5	76.0	46.8	1.0	0.25	0.0	53.7	52.0	55.5	76.0	46	1.0	0.223	0.0	52.7	54.4	54.4	76.9	45	1.0	0.183	0.0	51.1	57.9	52.5	78.1	42
56.9	52.5	50.5	1.0	0.375	0.0	59.1	40.3	62.0	74.0	56.9	1.0	0.367	0.0	58.8	41.1	61.7	74.2	56	1.0	0.313	0.0	56.5	46.2	59.1	75.0	52	1.0	0.288	0.0	55.4	48.5	57.8	75.4	49
67.1	60.0	58.8	1.0	0.5	0.0	64.9	28.9	68.6	74.5	67.1	1.0	0.5	0.0	64.9	28.9	68.7	74.5	67	1.0	0.412	0.0	60.9	37.1	64.2	74.2	60	1.0	0.398	0.0	60.3	38.3	63.5	74.1	58
78.6	67.5	67.2	1.0	0.625	0.0	72.1	15.4	77.1	78.6	78.6	1.0	0.617	0.0	71.6	16.5	76.7	78.4	77	1.0	0.498	0.0	64.8	29.1	68.6	74.5	67	1.0	0.494	0.0	64.6	29.5	68.4	74.5	66
86.2	75.0	75.6	1.0	0.75	0.0	77.9	5.4	83.8	84.0	86.2	1.0	0.75	0.0	77.9	5.5	83.9	84.1	86	1.0	0.585	0.0	69.8	20.0	74.7	77.4	75	1.0	0.592	0.0	70.2	19.3	75.2	77.6	75
92.1	82.5	83.9	1.0	0.875	0.0	83.4	-3.4	90.2	90.2	92.1	1.0	0.867	0.0	83.1	-2.7	89.8	89.9	91	1.0	0.68	0.0	74.7	11.3	80.3	81.1	82	1.0	0.703	0.0	75.8	9.4	81.5	82.0	83
96.1	90.0	92.3	1.0	1.0	0.0	87.8	-10.2	95.4	96.0	96.1	1.0	1.0	0.0	87.8	-10.1	95.5	96.0	96	1.0	0.829	0.0	81.4	0.0	88.0	88.0	90	1.0	0.879	0.0	83.6	-3.6	90.4	90.5	92
98.8	97.5	101.0	0.875	1.0	0.0	84.3	-13.9	89.2	90.3	98.8	0.883	1.0	0.0	84.6	-13.6	89.7	90.7	98	0.959	1.0	0.0	86.7	-11.4	93.5	94.2	97	0.807	1.0	0.0	82.4	-15.8	86.2	87.7	100
101.8	105.0	109.7	0.75	1.0	0.0	80.7	-17.5	83.5	85.3	101.8	0.75	1.0	0.0	80.8	-17.4	83.6	85.4	101	0.682	1.0	0.0	77.8	-21.2	79.4	82.2	105	0.583	1.0	0.0	73.7	-26.1	72.7	77.3	109
107.6	112.5	118.5	0.625	1.0	0.0	75.3	-24.0	75.7	79.4	107.6	0.633	1.0	0.0	75.7	-23.6	76.3	79.9	107	0.54	1.0	0.0	72.1	-28.0	69.5	75.0	112	0.434	1.0	0.0	68.0	-32.9	62.2	70.5	117
114.0	120.0	127.2	0.5	1.0	0.0	70.6	-29.7	66.5	72.8	114.0	0.5	1.0	0.0	70.6	-29.6	66.5	72.8	114	0.399	1.0	0.0	66.7	-34.5	59.9	69.2	120	0.322	1.0	0.0	62.6	-40.8	53.8	67.6	127
121.4	127.5	136.0	0.375	1.0	0.0	65.7	-35.6	58.3	68.3	121.4	0.383	1.0	0.0	66.1	-35.2	58.9	68.6	120	0.325	1.0	0.0	62.8	-40.6	54.0	67.6	127	0.249	1.0	0.0	58.4	-47.4	46.8	66.6	135
135.3	135.0	144.7	0.25	1.0	0.0	58.4	-47.3	46.8	66.6	135.3	0.25	1.0	0.0	58.4	-47.3	46.9	66.6	135	0.253	1.0	0.0	58.6	-47.0	47.1	66.7	135	0.122	1.0	0.0	54.6	-54.2	38.4	66.5	144
144.4	142.5	153.4	0.125	1.0	0.0	54.7	-53.9	38.5	66.3	144.4	0.133	1.0	0.0	55.0	-53.5	39.2	66.4	143	0.159	1.0	0.0	55.7	-52.3	40.9	66.4	142	0.03	1.0	0.0	51.2	-62.4	32.0	70.2	152
155.5	150.0	162.2	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	155.5	0.0	1.0	0.0	50.1	-64.9	29.6	71.4	155	0.062	1.0	0.0	52.4	-59.6	34.5	68.9	150	0.0	1.0	0.151	50.7	-62.0	19.9	65.2	162
160.7	157.5	169.0	0.0	1.0	0.125	50.5	-62.8	21.9	66.5	160.7	0.0	1.0	0.117	50.5	-62.9	22.4	66.9	160	0.0	1.0	0.035	52.0	-64.4	27.4	70.0	157	0.0	1.0	0.261	51.3	-58.5	11.8	59.8	168
167.7	165.0	175.9	0.0	1.0	0.25	51.2	-58.9	12.7	60.3	167.7	0.0	1.0	0.25	51.2	-58.8	12.7	60.3	167	0.0	1.0	0.2	51.0	-60.5	16.2	62.8	165	0.0	1.0	0.364	52.0	-55.0	3.9	55.2	175
176.7	172.5	182.7	0.0	1.0	0.375	52.0	-54.5	3.1	54.6	176.7	0.0	1.0	0.367	52.0	-54.8	3.7	55.1	176	0.0	1.0	0.309	51.6	-57.0	8.0	57.7	172	0.0	1.0	0.43	52.5	-52.2	-2.0	52.3	182
183.3	180.0	189.6	0.0	1.0	0.5	52.9	-48.6	-8.0	49.3	183.3	0.0	1.0	0.5	53.0	-48.6	-7.9	49.3	189	0.0	1.0	0.407	52.3	-53.2	0.0	53.3	180	0.0	1.0	0.502	53.0	-48.5	-8.1	49.3	189
203.2	187.5	196.4	0.0	1.0	0.625	54.0	-42.3	-18.1	46.1	203.2	0.0	1.0	0.617	54.0	-42.8	-17.5	46.3	202	0.0	1.0	0.477	52.8	-49.9	-6.0	50.3	187	0.0	1.0	0.56	53.5	-45.9	-13.1	47.8	195
217.2	195.0	203.2	0.0	1.0	0.75	55.0	-36.0	-27.4	45.3	217.2	0.0	1.0	0.75	55.0	-35.9	-27.3	45.3	217	0.0	1.0	0.551	53.4	-46.3	-12.3	48.0	195	0.0	1.0	0.626	54.1	-42.3	-18.1	46.1	203
228.3	202.5	210.1	0.0	1.0	0.875	55.8	-30.7	-34.5	46.2	228.3	0.0	1.0	0.867	55.8	-31.0	-34.0	46.1	227	0.0	1.0	0.614	54.0	-42.9	-17.3	46.4	202	0.0	1.0	0.682	54.5	-39.6	-22.6	45.7	209
238.4	210.0	216.9	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238.4	0.0	1.0	1.0	56.8	-25.4	-41.4	48.7	238	0.0	1.0	0.685	54.5	-39.5	-22.8	45.7	210	0.0	1.0	0.747	55.0	-36.1	-27.2	45.3	216
242.9	217.5	223.8	0.0	0.875	1.0	54.1	-21.1	-41.3	46.4	242.9	0.0	0.883	1.0	54.3	-21.4	-41.3	46.6	242	0.0	1.0	0.747	55.0	-36.1	-27.2	45.3	217	0.0	1.0	0.819	55.5	-33.2	-31.3	45.8	223
249.3	225.0	230.6	0.0	0.75	1.0	50.4	-15.5	-41.1	43.9	249.3	0.0	0.75	1.0	50.4	-15.4	-41.0	44.0	249	0.0	1.0	0.837	55.6	-32.4	-32.4	45.9	225	0.0	1.0	0.904	56.1	-29.6	-36.1	46.8	230
256.9	232.5	237.5	0.0	0.625	1.0	46.5	-9.4	-40.8	41.9	256.9	0.0	0.633	1.0	46.8	-9.8	-40.8	42.1	256	0.0	1.0	0.92	56.2	-28.9	-37.0	47.1	232	0.0	1.0	0.983	56.7	-26.2	-40.5	48.4	237
268.2	240.0	244.3	0.0	0.5	1.0	41.7	-1.2	-40.6	40.6	268.2	0.0	0.5	1.0	41.7	-1.1	-40.6	40.7	268	0.0	0.956	1.0	55.9	-23.9	-41.4	48.0	240	0.0	0.847	1.0	53.3	-19.8	-41.3	45.9	244
278.6	247.5	251.2	0.0	0.375	1.0	37.3	6.1	-40.2	40.7	278.6	0.0	0.383	1.0	37.6	5.6	-40.2	40.7	277	0.0	0.795	1.0	51.8	-17.4	-41.2	44.9	247	0.0	0.726	1.0	49.7	-14.3	-41.1	43.6	250
289.6	255.0	258.0	0.0	0.25	1.0	32.8	14.3	-40.2	42.7	289.6	0.0	0.25	1.0	32.9	14.4	-40.1	42.7	289	0.0	0.657	1.0	47.5	-10.9	-40.9	42.5	255	0.0	0.613	1.0	46.1	-8.6	-40.8	41.9	258
299.0	262.5	264.8	0.0	0.125	1.0	28.6	22.4	-40.2	46.1	299.0	0.0	0.133	1.0	28.9	21.9	-40.2	45.9	298	0.0	0.569	1.0	44.4	-5.7	-40.9	41.4	262	0.0	0.542	1.0	43.4	-3.9	-40.8	41.1	264
306.2	270.0	271.7	0.0	0.0	1.0	25.0	29.5	-40.4	50.0	306.2	0.0	0.0	1.0	25.1	29.6	-40.3	50.1	306	0.0	0.479	1.0	41.0	0.0	-40.6	40.7	270	0.0	0.458	1.0	40.3	1.2	-40.6	40.7	271
314.7	277.5	278.8	0.125	0.0	1.0	27.9	36.0	-36.4	51.2	314.7	0.117	0.0	1.0	27.7	35.7	-36.6	51.2	314	0.0	0.395	1.0	38.1	5.0	-40.3	40.7	277	0.0	0.378	1.0	37.5	5.9	-40.2	40.7	278
322.1	285.0	285.9	0.25	0.0	1.0	28.8	41.9	-32.5	53.1	322.1	0.25	0.0	1.0	28.9	42.0	-32.5	53.2	322	0.0	0.303	1.0	34.8	10.8	-40.3	41.9	285	0.0	0.292	1.0	34.4	11.6	-40.3	42.0	285
333.3	292.5	293.0	0.375	0.0	1.0	32.7	51.8	-26.0	58.0	333.3	0.367	0.0	1.0	32.5	51.3	-26.5	57.7	332	0.0	0.219	1.0	31.8	16.3	-40.3	43.6	292	0.0	0.211	1.0	31.5	16.8	-40.3	43.8	292
340.5	300.0	300.1	0.5	0.0	1.0	35.6	58.6	-20.7	62.1	340.5	0.5	0.0	1.0	35.6	58.6	-20.6	62.2	340	0.0	0.109	1.0	28.2	23.3	-40.3	46.6	300	0.0	0.106	1.0	28.1	23.5	-40.3	46.7	300
347.9	307.5	307.2	0.625	0.0	1.																													

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_s: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours RYGBM_d: h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; Six hue angles of the elementary colours RYGBM_c: 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 ^{dd}	dd64M	LAB*	ddx64M (x=LabCh)	rgb ^{dd}	dex361M	LAB*	dex361M	rgb ^{ds}	rgb ^{ds}	rgb ^{ds}						
32.3	30.0	25.4	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	1.0	0.0	0.255	45.7	72.2	34.4	80.0	25	
38.1	37.5	33.8	1.0	0.125	0.0	48.9	62.8	49.4	79.9	38.1	1.0	0.021	0.0	46.0	69.6	45.7	83.3	33	
46.8	45.0	42.1	1.0	0.25	0.0	53.6	51.9	55.5	76.0	46.8	1.0	0.183	0.0	51.1	57.9	52.5	78.1	42	
56.9	52.5	50.5	1.0	0.375	0.0	59.1	40.3	62.0	74.0	56.9	1.0	0.288	0.0	55.4	48.5	57.8	75.4	49	
67.1	60.0	58.8	1.0	0.5	0.0	64.9	28.9	68.6	74.5	67.1	1.0	0.398	0.0	60.3	38.3	63.5	74.1	58	
78.6	67.5	67.2	1.0	0.625	0.0	72.1	15.4	77.1	78.6	78.6	1.0	0.494	0.0	64.6	29.5	68.4	74.5	66	
86.2	75.0	75.6	1.0	0.75	0.0	77.9	5.4	83.8	84.0	86.2	1.0	0.592	0.0	70.2	19.3	75.2	77.6	75	
92.1	82.5	83.9	1.0	0.875	0.0	83.4	-3.4	90.2	90.2	92.1	1.0	0.703	0.0	75.8	9.4	81.5	82.0	83	
96.1	90.0	92.3	1.0	1.0	0.0	87.8	-10.2	95.4	96.0	96.1	1.0	0.879	0.0	83.6	-3.6	90.4	90.5	92	
98.8	97.5	101.0	0.875	1.0	0.0	84.3	-13.9	89.2	90.3	98.8	0.807	1.0	0.0	82.4	-15.8	86.2	87.7	100	
101.8	105.0	109.7	0.75	1.0	0.0	80.7	-17.5	83.5	85.3	101.8	0.583	1.0	0.0	73.7	-26.1	72.7	77.3	109	
107.6	112.5	118.5	0.625	1.0	0.0	75.3	-24.0	75.7	79.4	107.6	0.434	1.0	0.0	68.0	-32.9	62.2	70.5	117	
114.0	120.0	127.2	0.5	1.0	0.0	70.6	-29.7	66.5	72.8	114.0	0.322	1.0	0.0	62.6	-40.8	53.8	67.6	127	
121.4	127.5	136.0	0.375	1.0	0.0	65.7	-35.6	58.3	68.3	121.4	0.249	1.0	0.0	58.4	-47.4	46.8	66.6	135	
135.3	135.0	144.7	0.25	1.0	0.0	58.4	-47.3	46.8	66.6	135.3	0.122	1.0	0.0	54.6	-54.2	38.4	66.5	144	
144.4	142.5	153.4	0.125	1.0	0.0	54.7	-53.9	38.5	66.3	144.4	0.03	1.0	0.0	51.2	-62.4	32.0	70.2	152	
155.5	150.0	162.2	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	155.5	0.0	1.0	0.151	50.7	-62.0	19.9	65.2	162	
160.7	157.5	169.0	0.0	1.0	0.125	50.5	-62.8	21.9	66.5	160.7	0.0	1.0	0.261	51.3	-58.5	11.8	59.8	168	
167.7	165.0	175.9	0.0	1.0	0.25	51.2	-58.9	12.7	60.3	167.7	0.0	1.0	0.364	52.0	-55.0	3.9	55.2	175	
176.7	172.5	182.7	0.0	1.0	0.375	52.0	-54.5	3.1	54.6	176.7	0.0	1.0	0.43	52.5	-52.2	-2.0	52.3	182	
189.3	180.0	189.6	0.0	1.0	0.5	52.9	-48.6	-8.0	49.3	189.3	0.0	1.0	0.502	53.0	-48.5	-8.1	49.3	189	
203.2	187.5	196.4	0.0	1.0	0.625	54.0	-42.3	-18.1	46.1	203.2	0.0	1.0	0.56	53.5	-45.9	-13.1	47.8	195	
217.2	195.0	203.2	0.0	1.0	0.75	55.0	-36.0	-27.4	45.3	217.2	0.0	1.0	0.626	54.1	-42.3	-18.1	46.1	203	
228.3	202.5	210.1	0.0	1.0	0.875	55.8	-30.7	-34.5	46.2	228.3	0.0	1.0	0.682	54.5	-39.6	-22.6	45.7	209	
238.4	210.0	216.9	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238.4	0.0	1.0	0.747	55.0	-36.1	-27.2	45.3	216	
242.9	217.5	223.8	0.0	0.875	1.0	54.1	-21.1	-41.3	46.4	242.9	0.0	1.0	0.819	55.5	-33.2	-31.3	45.8	223	
249.3	225.0	230.6	0.0	0.75	1.0	50.4	-15.5	-41.1	43.9	249.3	0.0	1.0	0.904	56.1	-29.6	-36.1	46.8	230	
256.9	232.5	237.5	0.0	0.625	1.0	46.5	-9.4	-40.8	41.9	256.9	0.0	1.0	0.983	56.7	-26.2	-40.5	48.4	237	
268.2	240.0	244.3	0.0	0.5	1.0	41.7	-1.2	-40.6	40.6	268.2	0.0	0.847	1.0	53.3	-19.8	-41.3	45.9	244	
278.6	247.5	251.2	0.0	0.375	1.0	37.3	6.1	-40.2	40.7	278.6	0.0	0.726	1.0	49.7	-14.3	-41.1	43.6	250	
289.6	255.0	258.0	0.0	0.25	1.0	32.8	14.3	-40.2	42.7	289.6	0.0	0.613	1.0	46.1	-8.6	-40.8	41.9	258	
299.0	262.5	264.8	0.0	0.125	1.0	28.6	22.4	-40.2	46.1	299.0	0.0	0.542	1.0	43.4	-3.9	-40.8	41.1	264	
306.2	270.0	271.7	0.0	0.0	1.0	25.0	29.5	-40.4	50.0	306.2	0.0	0.458	1.0	40.3	1.2	-40.6	40.7	271	
314.7	277.5	278.8	0.125	0.0	1.0	27.9	36.0	-36.4	51.2	314.7	0.0	0.378	1.0	37.5	5.9	-40.2	40.7	278	
322.1	285.0	285.9	0.25	0.0	1.0	28.8	41.9	-32.5	53.1	322.1	0.0	0.292	1.0	34.4	11.6	-40.3	42.0	285	
333.3	292.5	293.0	0.375	0.0	1.0	32.7	51.8	-26.0	58.0	333.3	0.0	0.211	1.0	31.5	16.8	-40.3	43.8	292	
340.5	300.0	300.1	0.5	0.0	1.0	35.6	58.6	-20.7	62.1	340.5	0.0	0.106	1.0	28.1	23.5	-40.3	46.7	300	
347.9	307.5	307.2	0.625	0.0	1.0	38.1	65.4	-14.0	66.9	347.9	0.0	0.009	0.0	1.0	25.3	30.1	-40.1	50.2	306
352.5	315.0	314.3	0.75	0.0	1.0	41.8	71.0	-9.2	71.6	352.5	0.0	0.12	0.0	1.0	27.8	35.8	-36.5	51.2	314
356.1	322.5	321.4	0.875	0.0	1.0	44.2	75.2	-5.0	75.3	356.1	0.0	0.231	0.0	1.0	28.7	41.1	-33.2	52.9	321
359.8	330.0	328.6	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8	0.0	0.322	0.0	1.0	31.1	47.8	-29.1	56.0	328
363.0	337.5	335.7	1.0	0.0	0.875	45.9	78.2	4.1	78.3	363.0	0.0	0.408	0.0	1.0	33.5	53.7	-24.7	59.1	335
366.4	345.0	342.8	1.0	0.0	0.75	45.9	77.1	8.6	77.6	366.4	0.0	0.539	0.0	1.0	36.4	60.8	-18.7	63.7	342
371.1	352.5	349.9	1.0	0.0	0.625	46.0	75.6	14.8	77.0	371.1	0.0	0.667	0.0	1.0	39.3	67.4	-12.4	68.5	349
375.9	360.0	357.0	1.0	0.0	0.5	45.9	74.2	21.1	77.1	375.9	0.0	0.736	0.0	1.0	41.4	70.5	-9.7	71.1	352
381.2	367.5	364.1	1.0	0.0	0.375	45.8	72.9	28.3	78.3	381.2	0.0	0.81	0.0	1.0	46.1	79.3	-0.1	79.3	359
385.6	375.0	371.2	1.0	0.0	0.25	45.6	72.1	34.6	80.0	385.6	0.0	0.687	0.0	1.0	46.0	76.5	11.8	77.4	368
389.3	382.5	378.3	1.0	0.0	0.125	45.5	71.4	40.1	81.9	389.3	0.0	0.485	0.0	1.0	45.9	74.1	22.0	77.3	376
392.3	390.0	385.4	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392.3	1.0	0.0	0.255	45.7	72.2	34.4	80.0	385	



see similar files: http://130.149.60.45/~farbmetrik/QE47/QE47L0FA.TXT /PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE47/QE47L0FA.TXT /PS
application for measurement of offset print output, separation cmy0* (CMY0)
TUB material: code=rh4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*; 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} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8;			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* dex361Mi (x=LabCh)	R _d	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	R _s	rgb* dd361Mi	LAB* de361Mi	R _e	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	R _c	rgb* dd361Mi	rgb* dd	rgb* ds	rgb* de
32	30	25	1.0 0.0 0.0	45.4 70.9 44.8 83.9 32	33	1.0 0.0 0.055	45.5 71.4 41.2 82.4 30	31	1.0 0.0 0.017	0.0 0.0 0.0	0.0	1.0 0.0 0.218	45.6 72.0 36.1 80.6 26	26	1.0 0.0 0.017			
33	31	26	1.0 0.016	45.9 69.8 45.5 83.4 33	33	1.0 0.0 0.013	45.5 71.0 44.4 83.7 32	32	1.0 0.0 0.033	0.0 0.0 0.0	0.0	1.0 0.0 0.18	45.6 71.8 37.7 81.1 27	27	1.0 0.0 0.033			
33	32	27	1.0 0.033	46.3 68.8 46.1 82.8 33	34	1.0 0.015	45.9 70.0 45.5 83.5 33	33	1.0 0.0 0.05	0.0 0.0 0.0	0.0	1.0 0.0 0.142	45.6 71.6 39.4 81.7 28	28	1.0 0.0 0.05			
34	33	28	1.0 0.05	46.8 67.7 46.8 82.3 34	35	1.0 0.036	46.5 68.6 46.3 82.8 34	34	1.0 0.0 0.067	0.0 0.0 0.0	0.0	1.0 0.0 0.099	45.5 71.4 41.1 82.4 29	29	1.0 0.0 0.067			
35	34	29	1.0 0.066	47.3 66.6 47.4 81.8 35	36	1.0 0.057	47.1 67.3 47.1 82.1 35	35	1.0 0.0 0.083	0.0 0.0 0.0	0.0	1.0 0.0 0.053	45.5 71.2 42.9 83.1 31	31	1.0 0.0 0.083			
35	35	31	1.0 0.083	47.7 65.5 48.0 81.2 36	36	1.0 0.079	47.6 65.9 47.9 81.4 36	36	1.0 0.1 0.1	0.0 0.0 0.0	0.0	1.0 0.0 0.006	45.5 71.0 44.6 83.8 32	32	1.0 0.1 0.1			
36	36	32	1.0 0.1	48.2 64.4 48.5 80.7 36	37	1.0 0.1	48.2 64.5 48.6 80.7 37	37	1.0 0.117	0.0 0.0 0.0	0.0	1.0 0.0 0.021	46.0 69.6 45.7 83.3 33	33	1.0 0.117			
37	37	33	1.0 0.116	48.6 63.3 49.1 80.2 37	38	1.0 0.121	48.8 63.1 49.3 80.1 38	38	1.0 0.133	0.0 0.0 0.0	0.0	1.0 0.0 0.044	46.7 68.1 46.6 82.5 34	34	1.0 0.133			
38	38	34	1.0 0.133	49.2 62.1 49.8 79.6 38	39	1.0 0.137	49.4 61.8 50.1 79.6 39	39	1.0 0.15	0.0 0.0 0.0	0.0	1.0 0.0 0.068	47.4 66.6 47.5 81.8 35	35	1.0 0.15			
39	39	35	1.0 0.15	49.8 60.7 50.7 79.1 39	40	1.0 0.151	49.9 60.6 50.9 79.1 40	40	1.0 0.167	0.0 0.0 0.0	0.0	1.0 0.0 0.092	48.0 65.0 48.3 81.0 36	36	1.0 0.167			
41	40	36	1.0 0.166	50.5 59.2 51.6 78.6 41	41	1.0 0.166	50.5 59.4 51.6 78.7 41	41	1.0 0.183	0.0 0.0 0.0	0.0	1.0 0.0 0.116	48.7 63.5 49.1 80.2 37	37	1.0 0.183			
42	41	37	1.0 0.183	51.1 57.8 52.5 78.1 42	42	1.0 0.18	51.0 58.1 52.3 78.2 42	42	1.0 0.2	0.0 0.0 0.0	0.0	1.0 0.0 0.135	49.3 62.0 49.9 79.6 38	38	1.0 0.2			
43	42	38	1.0 0.2	51.7 56.3 53.3 77.5 43	43	1.0 0.194	51.6 56.9 53.0 77.8 43	43	1.0 0.217	0.0 0.0 0.0	0.0	1.0 0.0 0.151	49.9 60.7 50.8 79.1 39	39	1.0 0.217			
44	43	39	1.0 0.216	52.4 54.9 54.0 77.0 44	44	1.0 0.209	52.1 55.6 53.7 77.3 44	44	1.0 0.233	0.0 0.0 0.0	0.0	1.0 0.0 0.167	50.5 59.3 51.7 78.6 41	41	1.0 0.233			
45	44	41	1.0 0.233	53.0 53.4 54.8 76.5 45	46	1.0 0.223	52.7 54.4 54.4 76.9 45	45	1.0 0.25	0.0 0.0 0.0	0.0	1.0 0.0 0.183	51.1 57.9 52.5 78.1 42	42	1.0 0.25			
46	45	42	1.0 0.25	53.6 51.9 55.5 76.0 46	48	1.0 0.237	53.2 53.1 55.0 76.4 46	46	1.0 0.267	0.0 0.0 0.0	0.0	1.0 0.0 0.198	51.7 56.5 53.2 77.6 43	43	1.0 0.267			
48	46	43	1.0 0.266	54.4 50.4 56.5 75.7 48	49	1.0 0.251	53.7 51.8 55.6 76.0 47	47	1.0 0.283	0.0 0.0 0.0	0.0	1.0 0.0 0.214	52.3 55.1 54.0 77.1 44	44	1.0 0.283			
49	47	44	1.0 0.283	55.1 48.9 57.4 75.4 49	50	1.0 0.264	54.3 50.7 56.3 75.8 48	48	1.0 0.3	0.0 0.0 0.0	0.0	1.0 0.0 0.23	52.9 53.7 54.7 76.6 45	45	1.0 0.3			
50	48	45	1.0 0.3	55.8 47.4 58.4 75.2 50	52	1.0 0.276	54.8 49.6 57.1 75.6 49	49	1.0 0.317	0.0 0.0 0.0	0.0	1.0 0.0 0.246	53.5 52.3 55.4 76.1 46	46	1.0 0.317			
52	49	46	1.0 0.316	56.6 45.8 59.2 74.9 52	53	1.0 0.288	55.4 48.5 57.8 75.4 50	50	1.0 0.333	0.0 0.0 0.0	0.0	1.0 0.0 0.261	54.2 51.0 56.2 75.9 47	47	1.0 0.333			
53	50	47	1.0 0.333	57.3 44.2 60.1 74.6 53	54	1.0 0.301	55.9 47.3 58.5 75.2 51	51	1.0 0.35	0.0 0.0 0.0	0.0	1.0 0.0 0.274	54.8 49.8 57.0 75.6 48	48	1.0 0.35			
54	51	48	1.0 0.35	58.0 42.7 60.9 74.4 54	56	1.0 0.313	56.5 46.2 59.1 75.0 52	52	1.0 0.367	0.0 0.0 0.0	0.0	1.0 0.0 0.288	55.4 48.5 57.8 75.4 49	49	1.0 0.367			
56	52	49	1.0 0.366	58.8 41.1 61.7 74.1 56	57	1.0 0.326	57.0 45.0 59.8 74.8 53	53	1.0 0.383	0.0 0.0 0.0	0.0	1.0 0.0 0.302	56.0 47.2 58.5 75.2 51	51	1.0 0.383			
57	53	51	1.0 0.383	59.5 39.5 62.5 74.0 57	59	1.0 0.338	57.6 43.9 60.4 74.6 54	54	1.0 0.4	0.0 0.0 0.0	0.0	1.0 0.0 0.316	56.6 45.9 59.3 75.0 52	52	1.0 0.4			
59	54	52	1.0 0.4	60.3 38.1 63.5 74.1 59	60	1.0 0.35	58.1 42.7 61.0 74.4 55	55	1.0 0.417	0.0 0.0 0.0	0.0	1.0 0.0 0.33	57.2 44.6 60.0 74.8 53	53	1.0 0.417			
60	55	53	1.0 0.416	61.0 36.6 64.5 74.1 60	61	1.0 0.363	58.6 41.5 61.5 74.2 56	56	1.0 0.433	0.0 0.0 0.0	0.0	1.0 0.0 0.343	57.8 43.3 60.6 74.5 54	54	1.0 0.433			
61	56	54	1.0 0.433	61.8 35.1 65.4 74.2 61	63	1.0 0.375	59.2 40.3 62.1 74.0 57	57	1.0 0.45	0.0 0.0 0.0	0.0	1.0 0.0 0.357	58.4 42.0 61.3 74.3 55	55	1.0 0.45			
63	57	55	1.0 0.45	62.6 33.6 66.2 74.3 63	64	1.0 0.387	59.8 39.3 62.8 74.1 58	58	1.0 0.467	0.0 0.0 0.0	0.0	1.0 0.0 0.371	59.0 40.7 61.9 74.1 56	56	1.0 0.467			
64	58	56	1.0 0.466	63.3 32.0 67.1 74.4 64	65	1.0 0.4	60.3 38.2 63.5 74.1 59	59	1.0 0.483	0.0 0.0 0.0	0.0	1.0 0.0 0.385	59.6 39.5 62.7 74.1 57	57	1.0 0.483			
65	59	57	1.0 0.483	64.1 30.5 67.9 74.4 65	67	1.0 0.412	60.9 37.1 64.2 74.2 60	60	1.0 0.5	0.0 0.0 0.0	0.0	1.0 0.0 0.398	60.3 38.3 63.5 74.1 58	58	1.0 0.5			
67	60	58	1.0 0.5	64.9 28.9 68.6 74.5 67	68	1.0 0.424	61.4 36.0 64.9 74.2 61	61	1.0 0.517	0.0 0.0 0.0	0.0	1.0 0.0 0.412	60.9 37.1 64.2 74.2 60	60	1.0 0.517			
68	61	60	1.0 0.516	65.8 27.2 69.9 75.0 68	70	1.0 0.436	62.0 34.9 65.6 74.3 62	62	1.0 0.533	0.0 0.0 0.0	0.0	1.0 0.0 0.426	61.5 35.8 65.0 74.2 61	61	1.0 0.533			
70	62	61	1.0 0.533	66.8 25.5 71.1 75.6 70	71	1.0 0.449	62.6 33.7 66.2 74.3 63	63	1.0 0.55	0.0 0.0 0.0	0.0	1.0 0.0 0.439	62.1 34.6 65.7 74.3 62	62	1.0 0.55			
71	63	62	1.0 0.55	67.7 23.8 72.3 76.1 71	73	1.0 0.461	63.1 32.6 66.9 74.4 64	64	1.0 0.567	0.0 0.0 0.0	0.0	1.0 0.0 0.453	62.8 33.3 66.4 74.3 63	63	1.0 0.567			
73	64	63	1.0 0.566	68.7 22.0 73.5 76.7 73	74	1.0 0.473	63.7 31.5 67.5 74.4 65	65	1.0 0.583	0.0 0.0 0.0	0.0	1.0 0.0 0.467	63.4 32.1 67.1 74.4 64	64	1.0 0.583			
74	65	64	1.0 0.583	69.7 20.2 74.6 77.3 74	76	1.0 0.486	64.2 30.3 68.0 74.5 66	66	1.0 0.6	0.0 0.0 0.0	0.0	1.0 0.0 0.48	64.0 30.8 67.8 74.5 65	65	1.0 0.6			
76	66	65	1.0 0.6	70.6 18.3 75.6 77.8 76	77	1.0 0.498	64.8 29.1 68.6 74.5 67	67	1.0 0.617	0.0 0.0 0.0	0.0	1.0 0.0 0.494	64.6 29.5 68.4 74.5 66	66	1.0 0.617			
77	67	66	1.0 0.616	71.6 16.4 76.6 78.4 77	79	1.0 0.509	65.4 28.0 69.4 74.8 68	68	1.0 0.633	0.0 0.0 0.0	0.0	1.0 0.0 0.507	65.3 28.2 69.2 74.8 67	67	1.0 0.633			
79	68	67	1.0 0.633	72.5 14.8 77.6 79.0 79	80	1.0 0.52	66.1 26.9 70.2 75.2 69	69	1.0 0.65	0.0 0.0 0.0	0.0	1.0 0.0 0.519	66.0 27.0 70.1 75.2 68	68	1.0 0.65			
80	69	68	1.0 0.65	73.2 13.6 78.5 79.7 80	81	1.0 0.531	66.7 25.8 71.0 75.6 70	70	1.0 0.667	0.0 0.0 0.0	0.0	1.0 0.0 0.531	66.7 25.8 71.0 75.6 70	70	1.0 0.667			
81	70	70	1.0 0.666	74.0 12.3 79.5 80.4 81	82	1.0 0.542	67.3 24.7 71.8 75.9 71	71	1.0 0.683	0.0 0.0 0.0	0.0	1.0 0.0 0.543	67.4 24.6 71.9 76.0 71	71	1.0 0.683			
82	71	71	1.0 0.683	74.8 11.0 80.4 81.1 82	83	1.0 0.553	67.9 23.6 72.6 76.3 72	72	1.0 0.7	0.0 0.0 0.0	0.0	1.0 0.0 0.555	68.1 23.3 72.8 76.4 72	72	1.0 0.7			
83	72	72	1.0 0.7	75.6 9.6 81.3 81.9 83	84	1.0 0.564	68.6 22.4 73.3 76.6 73	73	1.0 0.717	0.0 0.0 0.0	0.0	1.0 0.0 0.568	68.8 22.0 73.6 76.8 73	73	1.0 0.717			
84	73	73	1.0 0.716	76.3 8.3 82.2 82.6 84	85	1.0 0.574	69.2 21.2 74.0 77.0 74	74	1.0 0.733	0.0 0.0 0.0	0.0	1.0 0.0 0.58	69.5 20.6 74.4 77.2 74	74	1.0 0.733			
85	74	74	1.0 0.733	77.1 6.9 83.0 83.3 85	86	1.0 0.585	69.8 20.0 74.7 77.4 75	75	1.0 0.75	0.0 0.0 0.0	0.0	1.0 0.0 0.592	70.2 19.3 75.2 77.6 75	75	1.0 0.75			
86	75	75	1.0 0.75	77.9 5.4 83.8 84.0 86														

see similar files: http://130.149.60.45/~farbmetrik/QE47/QE47L0FA.TXT /PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE47/QE47L0FA.TXT /PS
application for measurement of offset print output, separation cmy0* (CMY0)
TUB material: code=rh4ta



Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*; 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} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; 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* dxx361Mi (x=LabCh)	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	rgb* dd361Mi	LAB* de361Mi	rgb* dex361Mi (x=LabCh)	rgb* dd361Mi	Y _d	Y _s	Y _e																				
86	75	75	1.0	0.75	0.0	77.9	5.4	83.8	84.0	86	1.0	0.585	0.0	69.8	20.0	74.7	77.4	75	1.0	0.75	0.0	1.0	0.592	0.0	70.2	19.3	75.2	77.6	75	1.0	0.75	0.0	
87	76	76	1.0	0.766	0.0	78.6	4.3	84.7	84.8	87	1.0	0.596	0.0	70.5	18.8	75.4	77.7	76	1.0	0.767	0.0	1.0	0.604	0.0	70.9	17.9	75.9	78.0	76	1.0	0.767	0.0	
87	77	77	1.0	0.783	0.0	79.4	3.2	85.6	85.7	87	1.0	0.607	0.0	71.1	17.6	76.1	78.1	77	1.0	0.783	0.0	1.0	0.616	0.0	71.6	16.5	76.6	78.4	77	1.0	0.783	0.0	
88	78	78	1.0	0.8	0.0	80.1	2.0	86.5	86.5	88	1.0	0.618	0.0	71.7	16.3	76.7	78.5	78	1.0	0.8	0.0	1.0	0.63	0.0	72.4	15.1	77.4	78.9	78	1.0	0.8	0.0	
89	79	80	1.0	0.816	0.0	80.8	0.8	87.3	87.3	89	1.0	0.631	0.0	72.4	15.1	77.5	78.9	79	1.0	0.817	0.0	1.0	0.648	0.0	73.2	13.8	78.5	79.7	80	1.0	0.817	0.0	
90	80	81	1.0	0.833	0.0	81.6	-0.3	88.2	88.2	90	1.0	0.647	0.0	73.2	13.8	78.4	79.6	80	1.0	0.833	0.0	1.0	0.667	0.0	74.1	12.3	79.5	80.5	81	1.0	0.833	0.0	
91	81	82	1.0	0.85	0.0	82.3	-1.5	89.0	89.0	91	1.0	0.664	0.0	73.9	12.6	79.4	80.4	81	1.0	0.85	0.0	1.0	0.685	0.0	74.9	10.9	80.5	81.3	82	1.0	0.85	0.0	
91	82	83	1.0	0.866	0.0	83.1	-2.8	89.8	89.8	91	1.0	0.68	0.0	74.7	11.3	80.3	81.1	82	1.0	0.867	0.0	1.0	0.703	0.0	75.8	9.4	81.5	82.0	83	1.0	0.867	0.0	
92	83	84	1.0	0.883	0.0	83.7	-3.8	90.5	90.6	92	1.0	0.697	0.0	75.5	10.0	81.2	81.8	83	1.0	0.883	0.0	1.0	0.721	0.0	76.6	7.9	82.4	82.8	84	1.0	0.883	0.0	
92	84	85	1.0	0.9	0.0	84.3	-4.7	91.3	91.4	92	1.0	0.713	0.0	76.2	8.6	82.0	82.5	84	1.0	0.9	0.0	1.0	0.74	0.0	77.5	6.4	83.4	83.6	85	1.0	0.9	0.0	
93	85	86	1.0	0.916	0.0	84.9	-5.6	92.0	92.2	93	1.0	0.729	0.0	77.0	7.2	82.9	83.2	85	1.0	0.917	0.0	1.0	0.76	0.0	78.4	4.8	84.4	84.6	86	1.0	0.917	0.0	
94	86	87	1.0	0.933	0.0	85.5	-6.5	92.7	92.9	94	1.0	0.746	0.0	77.7	5.9	83.7	83.9	86	1.0	0.933	0.0	1.0	0.784	0.0	79.4	3.2	85.7	85.7	87	1.0	0.933	0.0	
94	87	88	1.0	0.95	0.0	86.0	-7.4	93.4	93.7	94	1.0	0.766	0.0	78.6	4.4	84.7	84.8	87	1.0	0.95	0.0	1.0	0.807	0.0	80.5	1.6	86.9	86.9	88	1.0	0.95	0.0	
95	88	90	1.0	0.966	0.0	86.6	-8.3	94.1	94.5	95	1.0	0.787	0.0	79.6	3.0	85.8	85.9	88	1.0	0.967	0.0	1.0	0.831	0.0	81.5	0.0	88.1	88.1	90	1.0	0.967	0.0	
95	89	91	1.0	0.983	0.0	87.2	-9.2	94.8	95.2	95	1.0	0.808	0.0	80.5	1.5	86.9	86.9	89	1.0	0.983	0.0	1.0	0.854	0.0	82.6	-1.8	89.2	89.3	91	1.0	0.983	0.0	
96	90	92	1.0	1.0	0.0	87.8	-10.2	95.4	96.0	96	1.0	0.829	0.0	81.4	0.0	88.0	88.0	90	1.0	1.0	0.0	1.0	0.879	0.0	83.6	-3.6	90.4	90.5	92	1.0	1.0	0.0	
96	91	93	0.983	1.0	0.0	87.3	-10.7	94.6	95.2	96	1.0	0.85	0.0	82.4	-1.5	89.0	89.0	91	0.983	1.0	0.0	1.0	0.916	0.0	84.9	-5.5	92.0	92.2	93	0.983	1.0	0.0	
96	92	94	0.966	1.0	0.0	86.8	-11.2	93.8	94.5	96	1.0	0.871	0.0	83.3	-3.0	90.0	90.1	92	0.967	1.0	0.0	1.0	0.953	0.0	86.2	-7.5	93.6	93.9	94	0.967	1.0	0.0	
97	93	95	0.95	1.0	0.0	86.4	-11.7	93.0	93.7	97	1.0	0.901	0.0	84.4	-4.7	91.4	91.5	93	0.95	1.0	0.0	1.0	0.99	0.0	87.5	-9.6	95.1	95.6	95	0.95	1.0	0.0	
97	94	96	0.933	1.0	0.0	85.9	-12.2	92.2	93.0	97	1.0	0.933	0.0	85.5	-6.4	92.7	93.0	94	0.933	1.0	0.0	1.0	0.961	1.0	0.0	86.7	-11.3	93.6	94.3	96	0.933	1.0	0.0
97	95	98	0.916	1.0	0.0	85.5	-12.7	91.3	92.2	97	1.0	0.965	0.0	86.6	-8.1	94.1	94.4	95	0.917	1.0	0.0	1.0	0.907	1.0	0.0	85.3	-12.9	90.9	91.8	98	0.917	1.0	0.0
98	96	99	0.9	1.0	0.0	85.0	-13.2	90.5	91.5	98	1.0	0.997	0.0	87.7	-9.9	95.4	95.9	96	0.9	1.0	0.0	1.0	0.856	1.0	0.0	83.8	-14.4	88.4	89.6	99	0.9	1.0	0.0
98	97	100	0.883	1.0	0.0	84.5	-13.6	89.7	90.7	98	0.959	1.0	0.0	86.7	-11.4	93.5	94.2	97	0.883	1.0	0.0	1.0	0.807	1.0	0.0	82.4	-15.8	86.2	87.7	100	0.883	1.0	0.0
99	98	101	0.866	1.0	0.0	84.1	-14.1	88.9	90.0	99	0.914	1.0	0.0	85.4	-12.7	91.2	92.1	98	0.867	1.0	0.0	1.0	0.759	1.0	0.0	81.0	-17.2	84.0	85.7	101	0.867	1.0	0.0
99	99	102	0.85	1.0	0.0	83.6	-14.6	88.1	89.3	99	0.869	1.0	0.0	84.2	-14.0	89.0	90.1	99	0.85	1.0	0.0	1.0	0.729	1.0	0.0	79.9	-18.6	82.3	84.4	102	0.85	1.0	0.0
99	100	103	0.833	1.0	0.0	83.1	-15.1	87.4	88.7	99	0.827	1.0	0.0	83.0	-15.3	87.1	88.5	100	0.833	1.0	0.0	1.0	0.704	1.0	0.0	78.8	-20.0	80.8	83.2	103	0.833	1.0	0.0
100	101	105	0.816	1.0	0.0	82.6	-15.6	86.6	88.0	100	0.785	1.0	0.0	81.8	-16.5	85.2	86.8	101	0.817	1.0	0.0	1.0	0.679	1.0	0.0	77.7	-21.3	79.2	82.0	105	0.817	1.0	0.0
100	102	106	0.8	1.0	0.0	82.2	-16.1	85.8	87.3	100	0.747	1.0	0.0	80.6	-17.6	83.4	85.2	102	0.8	1.0	0.0	1.0	0.654	1.0	0.0	76.6	-22.6	77.6	80.8	106	0.8	1.0	0.0
101	103	107	0.783	1.0	0.0	81.7	-16.6	85.1	86.7	101	0.725	1.0	0.0	79.7	-18.8	82.0	84.2	103	0.783	1.0	0.0	1.0	0.628	1.0	0.0	75.5	-23.8	76.0	79.6	107	0.783	1.0	0.0
101	104	108	0.766	1.0	0.0	81.2	-17.0	84.3	86.0	101	0.703	1.0	0.0	78.7	-20.0	80.7	83.2	104	0.767	1.0	0.0	1.0	0.605	1.0	0.0	74.6	-25.0	74.3	78.4	108	0.767	1.0	0.0
101	105	109	0.75	1.0	0.0	80.7	-17.5	83.5	85.3	101	0.682	1.0	0.0	77.8	-21.2	79.4	82.2	105	0.75	1.0	0.0	1.0	0.583	1.0	0.0	73.7	-26.1	72.7	77.3	109	0.75	1.0	0.0
102	106	110	0.733	1.0	0.0	80.0	-18.4	82.5	84.6	102	0.66	1.0	0.0	76.8	-22.3	78.0	81.1	106	0.733	1.0	0.0	1.0	0.56	1.0	0.0	72.9	-27.1	71.0	76.1	110	0.733	1.0	0.0
103	107	112	0.716	1.0	0.0	79.3	-19.3	81.5	83.8	103	0.638	1.0	0.0	75.9	-23.3	76.6	80.1	107	0.717	1.0	0.0	1.0	0.538	1.0	0.0	72.0	-28.1	69.3	74.9	112	0.717	1.0	0.0
104	108	113	0.7	1.0	0.0	78.5	-20.2	80.5	83.0	104	0.617	1.0	0.0	75.0	-24.3	75.2	79.1	108	0.7	1.0	0.0	1.0	0.515	1.0	0.0	71.2	-29.0	67.7	73.7	113	0.7	1.0	0.0
104	109	114	0.683	1.0	0.0	77.8	-21.1	79.4	82.2	104	0.598	1.0	0.0	74.3	-25.3	73.8	78.1	109	0.683	1.0	0.0	1.0	0.494	1.0	0.0	70.4	-30.0	66.1	72.6	114	0.683	1.0	0.0
105	110	115	0.666	1.0	0.0	77.1	-22.0	78.4	81.4	105	0.579	1.0	0.0	73.6	-26.2	72.4	77.0	110	0.667	1.0	0.0	1.0	0.474	1.0	0.0	69.6	-31.0	64.8	71.9	115	0.667	1.0	0.0
106	111	116	0.65	1.0	0.0	76.4	-22.8	77.3	80.6	106	0.559	1.0	0.0	72.9	-27.1	71.0	76.0	111	0.65	1.0	0.0	1.0	0.454	1.0	0.0	68.8	-32.0	63.5	71.2	116	0.65	1.0	0.0
107	112	117	0.633	1.0	0.0	75.6	-23.6	76.2	79.8	107	0.54	1.0	0.0	72.1	-28.0	69.5	75.0	112	0.633	1.0	0.0	1.0	0.434	1.0	0.0	68.0	-32.9	62.2	70.5	117	0.633	1.0	0.0
108	113	119	0.616	1.0	0.0	75.0	-24.4	75.1	79.0	108	0.521	1.0	0.0	71.4	-28.8	68.1	74.0	113	0.617	1.0	0.0	1.0	0.414	1.0	0.0	67.3	-33.8	60.9	69.7	119	0.617	1.0	0.0
108	114	120	0.6	1.0	0.0	74.3	-25.3	73.9	78.1	108	0.501	1.0	0.0	70.7	-29.6	66.6	72.9	114	0.6	1.0	0.0	1.0	0.394	1.0	0.0	66.5	-34.7	59.6	69.0	120	0.6	1.0	0.0
109	115	121	0.583	1.0	0.0	73.7	-26.1	72.7	77.2	109	0.484	1.0	0.0	70.0	-30.4	65.5																	

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_S: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours RYGBCM_d: h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; Six hue angles of the elementary colours RYGBCM: 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	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)														
114	120	127	0.5	1.0	0.0	70.6	-29.7	66.5	72.8	114	0.399	1.0	0.0	66.7	-34.5	59.9	69.2	120	0.5	1.0	0.0	0.322	1.0	0.0	62.6	-40.8	53.8	67.6	127	0.5	1.0	0.0
115	121	128	0.483	1.0	0.0	69.9	-30.5	65.4	72.2	115	0.382	1.0	0.0	66.0	-35.2	58.8	68.6	121	0.483	1.0	0.0	0.312	1.0	0.0	62.0	-41.8	52.9	67.5	128	0.483	1.0	0.0
116	122	129	0.466	1.0	0.0	69.3	-31.4	64.3	71.6	116	0.37	1.0	0.0	65.4	-36.1	57.9	68.3	122	0.466	1.0	0.0	0.301	1.0	0.0	61.4	-42.8	51.9	67.3	129	0.466	1.0	0.0
117	123	130	0.45	1.0	0.0	68.6	-32.2	63.2	71.0	117	0.361	1.0	0.0	64.9	-37.0	57.1	68.1	123	0.45	1.0	0.0	0.291	1.0	0.0	60.8	-43.8	50.9	67.2	130	0.45	1.0	0.0
117	124	131	0.433	1.0	0.0	68.0	-33.0	62.1	70.4	117	0.352	1.0	0.0	64.4	-37.9	56.4	68.0	124	0.433	1.0	0.0	0.28	1.0	0.0	60.2	-44.7	49.9	67.0	131	0.433	1.0	0.0
118	125	133	0.416	1.0	0.0	67.3	-33.8	61.0	69.8	118	0.343	1.0	0.0	63.8	-38.8	55.6	67.9	125	0.416	1.0	0.0	0.27	1.0	0.0	59.6	-45.6	48.9	66.9	133	0.416	1.0	0.0
119	126	134	0.4	1.0	0.0	66.7	-34.5	59.9	69.2	119	0.334	1.0	0.0	63.3	-39.7	54.8	67.8	126	0.4	1.0	0.0	0.259	1.0	0.0	59.0	-46.5	47.8	66.8	134	0.4	1.0	0.0
120	127	135	0.383	1.0	0.0	66.0	-35.2	58.8	68.6	120	0.325	1.0	0.0	62.8	-40.6	54.0	67.6	127	0.383	1.0	0.0	0.249	1.0	0.0	58.4	-47.4	46.8	66.6	135	0.383	1.0	0.0
122	128	136	0.366	1.0	0.0	65.2	-36.4	57.6	68.2	122	0.316	1.0	0.0	62.3	-41.5	53.2	67.5	128	0.366	1.0	0.0	0.233	1.0	0.0	57.9	-48.3	45.8	66.6	136	0.366	1.0	0.0
124	129	137	0.35	1.0	0.0	64.2	-38.2	56.2	67.9	124	0.307	1.0	0.0	61.7	-42.3	52.4	67.4	129	0.35	1.0	0.0	0.217	1.0	0.0	57.4	-49.2	44.7	66.6	137	0.35	1.0	0.0
126	130	138	0.333	1.0	0.0	63.2	-39.8	54.7	67.7	126	0.298	1.0	0.0	61.2	-43.1	51.5	67.3	130	0.333	1.0	0.0	0.201	1.0	0.0	57.0	-50.0	43.7	66.5	138	0.333	1.0	0.0
127	131	140	0.316	1.0	0.0	62.3	-41.4	53.2	67.5	127	0.289	1.0	0.0	60.7	-44.0	50.7	67.2	131	0.316	1.0	0.0	0.185	1.0	0.0	56.5	-50.9	42.7	66.5	140	0.316	1.0	0.0
129	132	141	0.3	1.0	0.0	61.3	-43.0	51.7	67.3	129	0.28	1.0	0.0	60.2	-44.8	49.8	67.0	132	0.3	1.0	0.0	0.169	1.0	0.0	56.0	-51.7	41.6	66.5	141	0.3	1.0	0.0
131	133	142	0.283	1.0	0.0	60.3	-44.5	50.1	67.0	131	0.271	1.0	0.0	59.6	-45.5	48.9	66.9	133	0.283	1.0	0.0	0.153	1.0	0.0	55.5	-52.5	40.5	66.4	142	0.283	1.0	0.0
133	134	143	0.266	1.0	0.0	59.3	-45.9	48.5	66.8	133	0.262	1.0	0.0	59.1	-46.3	48.0	66.8	134	0.266	1.0	0.0	0.137	1.0	0.0	55.1	-53.3	39.4	66.4	143	0.266	1.0	0.0
135	135	144	0.25	1.0	0.0	58.4	-47.3	46.8	66.6	135	0.253	1.0	0.0	58.6	-47.0	47.1	66.7	135	0.25	1.0	0.0	0.122	1.0	0.0	54.6	-54.2	38.4	66.5	144	0.25	1.0	0.0
136	136	145	0.233	1.0	0.0	57.9	-48.3	45.8	66.5	136	0.241	1.0	0.0	58.1	-47.8	46.3	66.6	136	0.233	1.0	0.0	0.108	1.0	0.0	54.1	-55.4	37.6	67.0	145	0.233	1.0	0.0
137	137	147	0.216	1.0	0.0	57.4	-49.2	44.7	66.5	137	0.227	1.0	0.0	57.7	-48.6	45.4	66.6	137	0.216	1.0	0.0	0.095	1.0	0.0	53.6	-56.6	36.7	67.6	147	0.216	1.0	0.0
138	138	148	0.2	1.0	0.0	56.9	-50.1	43.6	66.5	138	0.213	1.0	0.0	57.3	-49.4	44.5	66.6	138	0.2	1.0	0.0	0.082	1.0	0.0	53.1	-57.8	35.8	68.1	148	0.2	1.0	0.0
140	139	149	0.183	1.0	0.0	56.4	-51.0	42.5	66.4	140	0.2	1.0	0.0	56.9	-50.1	43.6	66.5	139	0.183	1.0	0.0	0.069	1.0	0.0	52.6	-59.0	34.9	68.6	149	0.183	1.0	0.0
141	140	150	0.166	1.0	0.0	55.9	-51.9	41.4	66.4	141	0.186	1.0	0.0	56.5	-50.8	42.7	66.5	140	0.166	1.0	0.0	0.056	1.0	0.0	52.1	-60.1	34.0	69.2	150	0.166	1.0	0.0
142	141	151	0.15	1.0	0.0	55.4	-52.7	40.3	66.4	142	0.172	1.0	0.0	56.1	-51.6	41.8	66.5	141	0.15	1.0	0.0	0.043	1.0	0.0	51.7	-61.3	33.0	69.7	151	0.15	1.0	0.0
143	142	152	0.133	1.0	0.0	54.9	-53.5	39.1	66.3	143	0.159	1.0	0.0	55.7	-52.3	40.9	66.4	142	0.133	1.0	0.0	0.03	1.0	0.0	51.2	-62.4	32.0	70.2	152	0.133	1.0	0.0
145	143	154	0.116	1.0	0.0	54.4	-54.7	38.0	66.6	145	0.145	1.0	0.0	55.3	-52.9	40.0	66.4	143	0.116	1.0	0.0	0.016	1.0	0.0	50.7	-63.5	30.9	70.8	154	0.116	1.0	0.0
146	144	155	0.1	1.0	0.0	53.7	-56.2	37.0	67.3	146	0.131	1.0	0.0	54.9	-53.6	39.0	66.4	144	0.1	1.0	0.0	0.003	1.0	0.0	50.2	-64.6	29.9	71.3	155	0.1	1.0	0.0
148	145	156	0.083	1.0	0.0	53.1	-57.7	35.9	68.0	148	0.119	1.0	0.0	54.5	-54.5	38.2	66.6	145	0.083	1.0	0.0	0.0	1.0	0.021	50.1	-64.6	28.3	70.6	156	0.083	1.0	0.0
149	146	157	0.066	1.0	0.0	52.5	-59.2	34.7	68.7	149	0.107	1.0	0.0	54.1	-55.5	37.5	67.1	146	0.066	1.0	0.0	0.0	1.0	0.049	50.3	-64.2	26.5	69.5	157	0.066	1.0	0.0
151	147	158	0.049	1.0	0.0	51.9	-60.7	33.5	69.4	151	0.096	1.0	0.0	53.7	-56.5	36.8	67.5	147	0.049	1.0	0.0	0.0	1.0	0.077	50.4	-63.7	24.8	68.4	158	0.049	1.0	0.0
152	148	159	0.033	1.0	0.0	51.3	-62.2	32.2	70.0	152	0.085	1.0	0.0	53.2	-57.6	36.0	68.0	148	0.033	1.0	0.0	0.0	1.0	0.104	50.5	-63.1	23.1	67.3	159	0.033	1.0	0.0
154	149	161	0.016	1.0	0.0	50.6	-63.6	30.9	70.7	154	0.074	1.0	0.0	52.8	-58.6	35.3	68.4	149	0.016	1.0	0.0	0.0	1.0	0.13	50.6	-62.6	21.5	66.3	161	0.016	1.0	0.0
155	150	162	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	155	G _d 0.062	1.0	0.0	52.4	-59.6	34.5	68.9	150	G _s 0.0	1.0	0.0	0.0	1.0	0.151	50.7	-62.0	19.9	65.2	162	G _e 0.0	1.0	0.0
156	151	163	0.0	1.0	0.016	50.1	-64.7	28.5	70.7	156	0.051	1.0	0.0	52.0	-60.6	33.6	69.4	151	0.0	1.0	0.017	0.0	1.0	0.167	50.8	-61.6	18.7	64.4	163	0.0	1.0	0.017
156	152	164	0.0	1.0	0.033	50.1	-64.5	27.4	70.1	156	0.04	1.0	0.0	51.5	-61.6	32.8	69.8	152	0.0	1.0	0.033	0.0	1.0	0.183	50.9	-61.1	17.5	63.6	164	0.0	1.0	0.033
157	153	164	0.0	1.0	0.05	50.2	-64.2	26.4	69.4	157	0.028	1.0	0.0	51.1	-62.5	31.9	70.3	153	0.0	1.0	0.05	0.0	1.0	0.2	51.0	-60.6	16.3	62.8	164	0.0	1.0	0.05
158	154	165	0.0	1.0	0.066	50.3	-63.9	25.4	68.8	158	0.017	1.0	0.0	50.7	-63.5	31.0	70.7	154	0.0	1.0	0.067	0.0	1.0	0.216	51.0	-60.0	15.1	62.0	165	0.0	1.0	0.067
159	155	166	0.0	1.0	0.083	50.3	-63.6	24.4	68.1	159	0.006	1.0	0.0	50.3	-64.4	30.1	71.2	155	0.0	1.0	0.083	0.0	1.0	0.232	51.1	-59.5	14.0	61.2	166	0.0	1.0	0.083
159	156	167	0.0	1.0	0.1	50.4	-63.3	23.4	67.5	159	0.0	1.0	0.012	50.1	-64.7	28.9	71.0	156	0.0	1.0	0.1	0.0	1.0	0.248	51.2	-58.9	12.9	60.4	167	0.0	1.0	0.1
160	157	168	0.0	1.0	0.116	50.5	-62.9	22.4	66.8	160	0.0	1.0	0.035	50.2	-64.4	27.4	70.0	157	0.0	1.0	0.117	0.0	1.0	0.261	51.3	-58.5	11.8	59.8	168	0.0	1.0	0.117
161	158	169	0.0	1.0	0.133	50.5	-62.5	21.2	66.1	161	0.0	1.0	0.059	50.3	-64.0	25.9	69.1	158	0.0	1.0	0.133	0.0	1.0	0.274	51.4	-58.1	10.8	59.2	169	0.0	1.0	0.133
162	159	170	0.0	1.0	0.15	50.6	-62.1	19.9	65.2	162	0.0	1.0	0.083	50.4	-63.5	24.4	68.2	159	0.0	1.0	0.15	0.0	1.0	0.287	51.5	-57.7	9.7	58.6	170	0.0	1.0	0.15</

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*; 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} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; 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 [*] _{dd361Mi (x=LabCh)}	rgb [*] _{ds361Mi}	LAB [*] _{dsx361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	LAB [*] _{de361Mi}	rgb [*] _{dex361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	rgb [*] _{dd}	rgb [*] _{ds}	rgb [*] _{de}
167	165	175	0.0	1.0	0.25	51.2	-58.9	12.7	60.3	167	0.0	1.0	0.25
168	166	176	0.0	1.0	0.266	51.3	-58.4	11.3	59.5	168	0.0	1.0	0.267
170	167	177	0.0	1.0	0.283	51.4	-57.9	10.0	58.8	170	0.0	1.0	0.283
171	168	178	0.0	1.0	0.3	51.5	-57.3	8.7	58.0	171	0.0	1.0	0.3
172	169	179	0.0	1.0	0.316	51.6	-56.8	7.4	57.3	172	0.0	1.0	0.317
173	170	180	0.0	1.0	0.333	51.7	-56.2	6.1	56.5	173	0.0	1.0	0.333
174	171	181	0.0	1.0	0.35	51.8	-55.5	4.9	55.8	174	0.0	1.0	0.35
176	172	182	0.0	1.0	0.366	51.9	-54.9	3.7	55.0	176	0.0	1.0	0.367
177	173	183	0.0	1.0	0.383	52.0	-54.2	2.3	54.3	177	0.0	1.0	0.383
179	174	184	0.0	1.0	0.4	52.2	-53.6	0.7	53.6	179	0.0	1.0	0.4
180	175	185	0.0	1.0	0.416	52.3	-52.8	-0.8	52.9	180	0.0	1.0	0.417
182	176	185	0.0	1.0	0.433	52.4	-52.1	-2.3	52.1	182	0.0	1.0	0.433
184	177	186	0.0	1.0	0.45	52.6	-51.3	-3.8	51.4	184	0.0	1.0	0.45
185	178	187	0.0	1.0	0.466	52.7	-50.4	-5.3	50.7	185	0.0	1.0	0.467
187	179	188	0.0	1.0	0.483	52.8	-49.6	-6.6	50.0	187	0.0	1.0	0.483
189	180	189	0.0	1.0	0.5	52.9	-48.6	-8.0	49.3	189	0.0	1.0	0.5
191	181	190	0.0	1.0	0.516	53.1	-47.9	-9.5	48.9	191	0.0	1.0	0.517
193	182	191	0.0	1.0	0.533	53.2	-47.2	-10.9	48.4	193	0.0	1.0	0.533
194	183	192	0.0	1.0	0.55	53.4	-46.4	-12.3	48.0	194	0.0	1.0	0.55
196	184	193	0.0	1.0	0.566	53.5	-45.6	-13.7	47.6	196	0.0	1.0	0.567
198	185	194	0.0	1.0	0.583	53.6	-44.7	-15.0	47.1	198	0.0	1.0	0.583
200	186	195	0.0	1.0	0.6	53.8	-43.8	-16.3	46.7	200	0.0	1.0	0.6
202	187	195	0.0	1.0	0.616	53.9	-42.8	-17.5	46.3	202	0.0	1.0	0.617
204	188	196	0.0	1.0	0.633	54.1	-42.0	-18.8	46.0	204	0.0	1.0	0.633
206	189	197	0.0	1.0	0.65	54.2	-41.2	-20.1	45.9	206	0.0	1.0	0.65
207	190	198	0.0	1.0	0.666	54.3	-40.5	-21.4	45.8	207	0.0	1.0	0.667
209	191	199	0.0	1.0	0.683	54.5	-39.7	-22.7	45.7	209	0.0	1.0	0.683
211	192	200	0.0	1.0	0.7	54.6	-38.8	-23.9	45.6	211	0.0	1.0	0.7
213	193	201	0.0	1.0	0.716	54.7	-37.9	-25.1	45.5	213	0.0	1.0	0.717
215	194	202	0.0	1.0	0.733	54.9	-37.0	-26.3	45.4	215	0.0	1.0	0.733
217	195	203	0.0	1.0	0.75	55.0	-36.0	-27.4	45.3	217	0.0	1.0	0.75
218	196	204	0.0	1.0	0.766	55.1	-35.4	-28.4	45.4	218	0.0	1.0	0.767
220	197	205	0.0	1.0	0.783	55.2	-34.7	-29.4	45.5	220	0.0	1.0	0.783
221	198	206	0.0	1.0	0.8	55.3	-34.0	-30.3	45.6	221	0.0	1.0	0.8
223	199	206	0.0	1.0	0.816	55.4	-33.3	-31.3	45.7	223	0.0	1.0	0.817
224	200	207	0.0	1.0	0.833	55.6	-32.6	-32.2	45.9	224	0.0	1.0	0.833
226	201	208	0.0	1.0	0.85	55.7	-31.8	-33.1	46.0	226	0.0	1.0	0.85
227	202	209	0.0	1.0	0.866	55.8	-31.1	-34.0	46.1	227	0.0	1.0	0.867
229	203	210	0.0	1.0	0.883	55.9	-30.4	-35.0	46.3	229	0.0	1.0	0.883
230	204	211	0.0	1.0	0.9	56.0	-29.7	-35.9	46.7	230	0.0	1.0	0.9
231	205	212	0.0	1.0	0.916	56.1	-29.1	-36.9	47.0	231	0.0	1.0	0.917
233	206	213	0.0	1.0	0.933	56.3	-28.4	-37.8	47.3	233	0.0	1.0	0.933
234	207	214	0.0	1.0	0.95	56.4	-27.7	-38.8	47.7	234	0.0	1.0	0.95
235	208	215	0.0	1.0	0.966	56.5	-27.0	-39.7	48.0	235	0.0	1.0	0.967
237	209	216	0.0	1.0	0.983	56.6	-26.2	-40.6	48.3	237	0.0	1.0	0.983
238	210	216	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238	0.0	1.0	1.0

see similar files: http://130.149.60.45/~farbmetrik/QE47/QE47L0FA.TXT /PS
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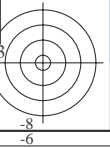
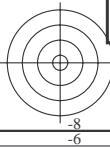
TUB registration: 20130201-QE47/QE47L0FA.TXT /PS
application for measurement of offset print output, separation cmy0* (CMY0)
TUB material: code=rha4ta

1-1031231-L0 QE470-72 LAB*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

Output: Offset standard print; separation cmy0*, D65, page 13/33

TUB-test chart QE47; hue code: H*d=Y25Gd
48 step hue circles; rgb-LabCh*tables

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



Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*; 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} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; 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}	LAB [*] _{de361Mi}	rgb [*] _{dex361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	rgb [*] _{ds361Mi}	rgb [*] _{de361Mi}																										
238	210	216	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238	0.0	1.0	0.685	54.5	-39.5	-22.8	45.7	210	C _s	0.0	1.0	1.0	0.0	1.0	0.747	55.0	-36.1	-27.2	45.3	216	C _e	0.0	1.0	1.0	0.0	1.0	0.983	1.0
239	211	217	0.0	0.983	1.0	56.4	-24.9	-41.5	48.4	239	0.0	1.0	0.694	54.6	-39.0	-23.4	45.7	211	0.0	0.983	1.0	0.0	1.0	0.757	55.1	-35.7	-27.8	45.4	217	0.0	0.983	1.0						
239	212	218	0.0	0.966	1.0	56.1	-24.3	-41.5	48.1	239	0.0	1.0	0.703	54.7	-38.6	-24.1	45.6	212	0.0	0.967	1.0	0.0	1.0	0.767	55.2	-35.3	-28.4	45.4	218	0.0	0.967	1.0						
240	213	219	0.0	0.95	1.0	55.7	-23.7	-41.5	47.8	240	0.0	1.0	0.712	54.7	-38.1	-24.7	45.6	213	0.0	0.95	1.0	0.0	1.0	0.778	55.2	-34.9	-29.0	45.5	219	0.0	0.95	1.0						
240	214	220	0.0	0.933	1.0	55.4	-23.1	-41.5	47.5	240	0.0	1.0	0.721	54.8	-37.6	-25.3	45.5	214	0.0	0.933	1.0	0.0	1.0	0.788	55.3	-34.5	-29.6	45.6	220	0.0	0.933	1.0						
241	215	221	0.0	0.916	1.0	55.0	-22.5	-41.4	47.2	241	0.0	1.0	0.73	54.9	-37.1	-26.0	45.4	215	0.0	0.917	1.0	0.0	1.0	0.798	55.4	-34.1	-30.2	45.7	221	0.0	0.917	1.0						
242	216	222	0.0	0.9	1.0	54.6	-22.0	-41.4	46.9	242	0.0	1.0	0.739	55.0	-36.6	-26.6	45.4	216	0.0	0.9	1.0	0.0	1.0	0.808	55.4	-33.6	-30.8	45.7	222	0.0	0.9	1.0						
242	217	223	0.0	0.883	1.0	54.3	-21.4	-41.4	46.6	242	0.0	1.0	0.747	55.0	-36.1	-27.2	45.3	217	0.0	0.883	1.0	0.0	1.0	0.819	55.5	-33.2	-31.3	45.8	223	0.0	0.883	1.0						
243	218	224	0.0	0.866	1.0	53.9	-20.7	-41.3	46.3	243	0.0	1.0	0.758	55.1	-35.6	-27.8	45.4	218	0.0	0.867	1.0	0.0	1.0	0.829	55.6	-32.7	-31.9	45.9	224	0.0	0.867	1.0						
244	219	225	0.0	0.85	1.0	53.4	-20.0	-41.3	45.9	244	0.0	1.0	0.769	55.2	-35.2	-28.5	45.4	219	0.0	0.85	1.0	0.0	1.0	0.839	55.6	-32.3	-32.5	45.9	225	0.0	0.85	1.0						
245	220	226	0.0	0.833	1.0	52.9	-19.2	-41.3	45.6	245	0.0	1.0	0.781	55.3	-34.8	-29.2	45.5	220	0.0	0.833	1.0	0.0	1.0	0.85	55.7	-31.8	-33.1	46.0	226	0.0	0.833	1.0						
245	221	227	0.0	0.816	1.0	52.4	-18.5	-41.3	45.3	245	0.0	1.0	0.792	55.3	-34.3	-29.8	45.6	221	0.0	0.817	1.0	0.0	1.0	0.86	55.8	-31.3	-33.6	46.1	227	0.0	0.817	1.0						
246	222	227	0.0	0.8	1.0	51.9	-17.7	-41.3	44.9	246	0.0	1.0	0.803	55.4	-33.9	-30.5	45.7	222	0.0	0.8	1.0	0.0	1.0	0.87	55.8	-30.8	-34.2	46.2	227	0.0	0.8	1.0						
247	223	228	0.0	0.783	1.0	51.4	-17.0	-41.2	44.6	247	0.0	1.0	0.815	55.5	-33.4	-31.1	45.8	223	0.0	0.783	1.0	0.0	1.0	0.881	55.9	-30.4	-34.8	46.3	228	0.0	0.783	1.0						
248	224	229	0.0	0.766	1.0	50.9	-16.2	-41.2	44.2	248	0.0	1.0	0.826	55.6	-32.9	-31.7	45.8	224	0.0	0.767	1.0	0.0	1.0	0.893	56.0	-30.0	-35.4	46.6	229	0.0	0.767	1.0						
249	225	230	0.0	0.75	1.0	50.4	-15.5	-41.1	43.9	249	0.0	1.0	0.837	55.6	-32.4	-32.4	45.9	225	0.0	0.75	1.0	0.0	1.0	0.904	56.1	-29.6	-36.1	46.8	230	0.0	0.75	1.0						
250	226	231	0.0	0.733	1.0	49.9	-14.7	-41.1	43.6	250	0.0	1.0	0.849	55.7	-31.9	-33.0	46.0	226	0.0	0.733	1.0	0.0	1.0	0.915	56.2	-29.1	-36.7	47.0	231	0.0	0.733	1.0						
251	227	232	0.0	0.716	1.0	49.4	-13.8	-41.1	43.4	251	0.0	1.0	0.86	55.8	-31.3	-33.6	46.1	227	0.0	0.717	1.0	0.0	1.0	0.926	56.3	-28.7	-37.4	47.2	232	0.0	0.717	1.0						
252	228	233	0.0	0.7	1.0	48.8	-13.0	-41.1	43.1	252	0.0	1.0	0.871	55.9	-30.8	-34.2	46.2	228	0.0	0.7	1.0	0.0	1.0	0.938	56.3	-28.2	-38.0	47.5	233	0.0	0.7	1.0						
253	229	234	0.0	0.683	1.0	48.3	-12.2	-41.1	42.9	253	0.0	1.0	0.883	55.9	-30.3	-34.9	46.4	229	0.0	0.683	1.0	0.0	1.0	0.949	56.4	-27.7	-38.6	47.7	234	0.0	0.683	1.0						
254	230	235	0.0	0.666	1.0	47.8	-11.4	-41.0	42.6	254	0.0	1.0	0.896	56.0	-29.9	-35.6	46.6	230	0.0	0.667	1.0	0.0	1.0	0.96	56.5	-27.2	-39.3	47.9	235	0.0	0.667	1.0						
255	231	236	0.0	0.65	1.0	47.3	-10.6	-41.0	42.3	255	0.0	1.0	0.908	56.1	-29.4	-36.3	46.9	231	0.0	0.65	1.0	0.0	1.0	0.972	56.6	-26.7	-39.9	48.2	236	0.0	0.65	1.0						
256	232	237	0.0	0.633	1.0	46.8	-9.8	-40.9	42.1	256	0.0	1.0	0.92	56.2	-28.9	-37.0	47.1	232	0.0	0.633	1.0	0.0	1.0	0.983	56.7	-26.2	-40.5	48.4	237	0.0	0.633	1.0						
257	233	237	0.0	0.616	1.0	46.2	-8.9	-40.9	41.8	257	0.0	1.0	0.933	56.3	-28.4	-37.7	47.4	233	0.0	0.617	1.0	0.0	1.0	0.994	56.8	-25.7	-41.1	48.6	237	0.0	0.617	1.0						
259	234	238	0.0	0.6	1.0	45.5	-7.8	-40.9	41.7	259	0.0	1.0	0.945	56.4	-27.9	-38.4	47.6	234	0.0	0.6	1.0	0.0	1.0	0.988	1.0	56.6	-25.0	-41.4	48.5	238	0.0	0.6	1.0					
260	235	239	0.0	0.583	1.0	44.9	-6.6	-41.0	41.5	260	0.0	1.0	0.957	56.5	-27.4	-39.1	47.9	235	0.0	0.583	1.0	0.0	1.0	0.962	1.0	56.0	-24.1	-41.4	48.1	239	0.0	0.583	1.0					
262	236	240	0.0	0.566	1.0	44.2	-5.5	-40.9	41.3	262	0.0	1.0	0.97	56.6	-26.8	-39.8	48.1	236	0.0	0.567	1.0	0.0	1.0	0.937	1.0	55.5	-23.2	-41.4	47.6	240	0.0	0.567	1.0					
263	237	241	0.0	0.55	1.0	43.6	-4.4	-40.9	41.1	263	0.0	1.0	0.982	56.7	-26.2	-40.5	48.4	237	0.0	0.55	1.0	0.0	1.0	0.911	1.0	54.9	-22.3	-41.4	47.1	241	0.0	0.55	1.0					
265	238	242	0.0	0.533	1.0	43.0	-3.3	-40.8	41.0	265	0.0	1.0	0.994	56.8	-25.7	-41.1	48.6	238	0.0	0.533	1.0	0.0	1.0	0.885	1.0	54.4	-21.4	-41.3	46.7	242	0.0	0.533	1.0					
266	239	243	0.0	0.516	1.0	42.3	-2.3	-40.7	40.8	266	0.0	1.0	0.985	1.0	56.5	-24.9	-41.4	48.5	239	0.0	0.517	1.0	0.0	1.0	0.864	1.0	53.9	-20.6	-41.3	46.3	243	0.0	0.517	1.0				
268	240	244	0.0	0.5	1.0	41.7	-1.2	-40.6	40.6	268	0.0	1.0	0.956	1.0	55.9	-23.9	-41.4	48.0	240	0.0	0.5	1.0	0.0	1.0	0.847	1.0	53.3	-19.8	-41.3	45.9	244	0.0	0.5	1.0				
269	241	245	0.0	0.483	1.0	41.1	-0.2	-40.6	40.6	269	0.0	1.0	0.928	1.0	55.3	-22.9	-41.4	47.4	241	0.0	0.483	1.0	0.0	1.0	0.829	1.0	52.8	-19.0	-41.3	45.6	245	0.0	0.483	1.0				
271	242	246	0.0	0.466	1.0	40.5	0.7	-40.6	40.6	271	0.0	0.9	0.9	1.0	54.7	-21.9	-41.3	46.9	242	0.0	0.467	1.0	0.0	1.0	0.811	1.0	52.3	-18.1	-41.2	45.2	246	0.0	0.467	1.0				
272	243	247	0.0	0.45	1.0	39.9	1.7	-40.6	40.6	272	0.0	1.0	0.873	1.0	54.1	-21.0	-41.3	46.4	243	0.0	0.45	1.0	0.0	1.0	0.793	1.0	51.7	-17.3	-41.2	44.8	247	0.0	0.45	1.0				
273	244	248	0.0	0.433	1.0	39.3	2.7	-40.6	40.6	273	0.0	1.0	0.854	1.0	53.5	-20.1	-41.3	46.1	244	0.0	0.433	1.0	0.0	1.0	0.775	1.0	51.2	-16.6	-41.1	44.5	248	0.0	0.433	1.0				
275	245	248	0.0	0.416	1.0	38.8	3.6	-40.5	40.6	275	0.0	1.0	0.834	1.0	53.0	-19.2	-41.3	45.7	245	0.0	0.417	1.0	0.0	1.0	0.757	1.0	50.7	-15.8	-41.1	44.1	248	0.0	0.417	1.0				
276	246	249	0.0	0.4	1.0	38.2	4.6	-40.4	40.7	276	0.0	1.0	0.815	1.0	52.4	-18.3	-41.3	45.3	246	0.0	0.4	1.0	0.0	1.0	0.741	1.0	50.2	-15.0	-41.0	43.8	249	0.0	0.4	1.0				
277	247	250	0.0	0.383	1.0	37.6	5.6	-40.3	40.7	277	0.0	1.0	0.795	1.0	51.8	-17.4	-41.2	44.9	247	0.0	0.383	1.0	0.0	1.0	0.726	1.0	49.7	-14.3	-41.1	43.6	250	0.0	0.383	1.0				
279	248	251	0.0	0.366	1.0	37.0	6.6	-40.2	40.8	279	0.0	1.0	0.775	1.0	51.2	-16.6	-41.1	44.5	248	0.0	0.367	1.0	0.0	1.0	0.711	1.0	49.2	-13.5	-41.0	43.4	251	0.0	0.367	1.0				
280	249	252	0.0	0.35	1.0	36.4	7.7	-40.3	41.1	280	0.0	1.0	0.756	1.0	50.6																							

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*; 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} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; Six hue angles of the elementary colours RYGCBM_c: h_{ab,c} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

h _{ab,d}	h _{ab,s}	h _{ab,c}	rgb [*] _{dd361M}	LAB [*] _{dsx361Mi (x=LabCh)}	rgb [*] _{ds361Mi}	LAB [*] _{dsx361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	LAB [*] _{de361Mi}	rgb [*] _{dex361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	LAB [*] _{de361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	rgb [*] _{dd}	rgb [*] _{ds}	rgb [*] _{de}																				
289	255	258	0.0	0.25	1.0	32.8	14.3	-40.2	42.7	289	0.0	0.657	1.0	47.5	-10.9	-40.9	42.5	255	0.0	0.25	1.0	0.0	0.613	1.0	46.1	-8.6	-40.8	41.9	258	0.0	0.233	1.0			
290	256	258	0.0	0.233	1.0	32.2	15.3	-40.3	43.1	290	0.0	0.641	1.0	47.0	-10.1	-40.9	42.2	256	0.0	0.233	1.0	0.0	0.603	1.0	45.7	-7.9	-40.9	41.7	258	0.0	0.233	1.0			
292	257	259	0.0	0.216	1.0	31.7	16.4	-40.3	43.6	292	0.0	0.624	1.0	46.5	-9.3	-40.8	42.0	257	0.0	0.217	1.0	0.0	0.593	1.0	45.3	-7.2	-40.9	41.6	259	0.0	0.217	1.0			
293	258	260	0.0	0.2	1.0	31.1	17.5	-40.4	44.0	293	0.0	0.613	1.0	46.1	-8.6	-40.8	41.9	258	0.0	0.2	1.0	0.0	0.583	1.0	44.9	-6.6	-40.9	41.5	260	0.0	0.2	1.0			
294	259	261	0.0	0.183	1.0	30.6	18.5	-40.4	44.5	294	0.0	0.602	1.0	45.7	-7.9	-40.9	41.7	259	0.0	0.183	1.0	0.0	0.573	1.0	44.5	-5.9	-40.9	41.4	261	0.0	0.183	1.0			
295	260	262	0.0	0.166	1.0	30.0	19.6	-40.4	44.9	295	0.0	0.591	1.0	45.3	-7.1	-40.9	41.6	260	0.0	0.167	1.0	0.0	0.562	1.0	44.1	-5.2	-40.9	41.3	262	0.0	0.167	1.0			
297	261	263	0.0	0.15	1.0	29.5	20.7	-40.4	45.4	297	0.0	0.58	1.0	44.8	-6.4	-40.9	41.5	261	0.0	0.15	1.0	0.0	0.552	1.0	43.7	-4.5	-40.9	41.2	263	0.0	0.15	1.0			
298	262	264	0.0	0.133	1.0	28.9	21.8	-40.3	45.8	298	0.0	0.569	1.0	44.4	-5.7	-40.9	41.4	262	0.0	0.133	1.0	0.0	0.542	1.0	43.4	-3.9	-40.8	41.1	264	0.0	0.133	1.0			
299	263	265	0.0	0.116	1.0	28.4	22.8	-40.3	46.3	299	0.0	0.558	1.0	44.0	-4.9	-40.9	41.3	263	0.0	0.117	1.0	0.0	0.532	1.0	43.0	-3.2	-40.8	41.0	265	0.0	0.117	1.0			
300	264	266	0.0	0.1	1.0	27.9	23.8	-40.4	46.9	300	0.0	0.547	1.0	43.5	-4.2	-40.8	41.2	264	0.0	0.1	1.0	0.0	0.522	1.0	42.6	-2.6	-40.7	40.9	266	0.0	0.1	1.0			
301	265	267	0.0	0.083	1.0	27.4	24.7	-40.4	47.4	301	0.0	0.536	1.0	43.1	-3.5	-40.8	41.1	265	0.0	0.083	1.0	0.0	0.512	1.0	42.2	-1.9	-40.7	40.8	267	0.0	0.083	1.0			
302	266	268	0.0	0.066	1.0	26.9	25.7	-40.4	47.9	302	0.0	0.525	1.0	42.7	-2.8	-40.7	40.9	266	0.0	0.067	1.0	0.0	0.502	1.0	41.8	-1.3	-40.6	40.7	268	0.0	0.067	1.0			
303	267	269	0.0	0.049	1.0	26.5	26.6	-40.5	48.4	303	0.0	0.514	1.0	42.3	-2.0	-40.7	40.8	267	0.0	0.05	1.0	0.0	0.491	1.0	41.4	-0.6	-40.6	40.7	269	0.0	0.05	1.0			
304	268	269	0.0	0.033	1.0	26.0	27.6	-40.4	49.0	304	0.0	0.503	1.0	41.8	-1.3	-40.6	40.7	268	0.0	0.033	1.0	0.0	0.48	1.0	41.0	0.0	-40.6	40.7	269	0.0	0.033	1.0			
305	269	270	0.0	0.016	1.0	25.5	28.6	-40.4	49.5	305	0.0	0.491	1.0	41.4	-0.6	-40.6	40.7	269	0.0	0.017	1.0	0.0	0.469	1.0	40.6	0.6	-40.6	40.7	270	0.0	0.017	1.0			
306	270	271	0.0	0.0	1.0	25.0	29.5	-40.4	50.0	306	B _d	0.0	0.479	1.0	41.0	0.0	-40.6	40.7	270	B _s	0.0	0.0	1.0	0.0	0.458	1.0	40.3	1.2	-40.6	40.7	271	B _e	0.0	0.0	1.0
307	271	272	0.016	0.0	1.0	25.4	30.4	-39.9	50.2	307	0.0	0.467	1.0	40.6	0.7	-40.6	40.7	271	0.017	0.0	1.0	0.0	0.447	1.0	39.9	1.9	-40.5	40.7	272	0.017	0.0	1.0			
308	272	273	0.033	0.0	1.0	25.8	31.3	-39.4	50.4	308	0.0	0.455	1.0	40.2	1.4	-40.6	40.7	272	0.033	0.0	1.0	0.0	0.435	1.0	39.5	2.6	-40.5	40.7	273	0.033	0.0	1.0			
309	273	274	0.05	0.0	1.0	26.2	32.2	-38.9	50.5	309	0.0	0.443	1.0	39.7	2.1	-40.5	40.7	273	0.05	0.0	1.0	0.0	0.424	1.0	39.1	3.3	-40.5	40.7	274	0.05	0.0	1.0			
310	274	275	0.066	0.0	1.0	26.5	33.1	-38.4	50.7	310	0.0	0.431	1.0	39.3	2.8	-40.5	40.7	274	0.067	0.0	1.0	0.0	0.413	1.0	38.7	3.9	-40.4	40.7	275	0.067	0.0	1.0			
311	275	276	0.083	0.0	1.0	26.9	33.9	-37.8	50.8	311	0.0	0.419	1.0	38.9	3.5	-40.4	40.7	275	0.083	0.0	1.0	0.0	0.401	1.0	38.3	4.6	-40.3	40.7	276	0.083	0.0	1.0			
313	276	277	0.1	0.0	1.0	27.3	34.8	-37.3	51.0	313	0.0	0.407	1.0	38.5	4.3	-40.4	40.7	276	0.1	0.0	1.0	0.0	0.39	1.0	37.9	5.3	-40.3	40.7	277	0.1	0.0	1.0			
314	277	278	0.116	0.0	1.0	27.7	35.6	-36.7	51.1	314	0.0	0.395	1.0	38.1	5.0	-40.3	40.7	277	0.117	0.0	1.0	0.0	0.378	1.0	37.5	5.9	-40.2	40.7	278	0.117	0.0	1.0			
315	278	279	0.133	0.0	1.0	27.9	36.4	-36.2	51.3	315	0.0	0.383	1.0	37.6	5.7	-40.2	40.7	278	0.133	0.0	1.0	0.0	0.367	1.0	37.1	6.6	-40.2	40.8	279	0.133	0.0	1.0			
316	279	280	0.15	0.0	1.0	28.1	37.2	-35.7	51.6	316	0.0	0.371	1.0	37.2	6.4	-40.2	40.8	279	0.15	0.0	1.0	0.0	0.357	1.0	36.7	7.3	-40.2	41.0	280	0.15	0.0	1.0			
317	280	281	0.166	0.0	1.0	28.2	38.0	-35.2	51.9	317	0.0	0.36	1.0	36.8	7.1	-40.2	41.0	280	0.167	0.0	1.0	0.0	0.346	1.0	36.3	8.0	-40.3	41.2	281	0.167	0.0	1.0			
318	281	282	0.183	0.0	1.0	28.3	38.8	-34.7	52.1	318	0.0	0.348	1.0	36.4	7.8	-40.3	41.1	281	0.183	0.0	1.0	0.0	0.335	1.0	35.9	8.7	-40.3	41.3	282	0.183	0.0	1.0			
319	282	283	0.2	0.0	1.0	28.5	39.6	-34.2	52.4	319	0.0	0.337	1.0	36.0	8.6	-40.3	41.3	282	0.2	0.0	1.0	0.0	0.324	1.0	35.5	9.4	-40.3	41.5	283	0.2	0.0	1.0			
320	283	284	0.216	0.0	1.0	28.6	40.4	-33.7	52.6	320	0.0	0.326	1.0	35.6	9.3	-40.3	41.5	283	0.217	0.0	1.0	0.0	0.313	1.0	35.1	10.1	-40.3	41.7	284	0.217	0.0	1.0			
321	284	285	0.233	0.0	1.0	28.7	41.2	-33.1	52.9	321	0.0	0.314	1.0	35.2	10.1	-40.3	41.7	284	0.233	0.0	1.0	0.0	0.303	1.0	34.8	10.8	-40.3	41.9	285	0.233	0.0	1.0			
322	285	285	0.25	0.0	1.0	28.8	41.9	-32.5	53.1	322	0.0	0.303	1.0	34.8	10.8	-40.3	41.9	285	0.25	0.0	1.0	0.0	0.292	1.0	34.4	11.6	-40.3	42.0	285	0.25	0.0	1.0			
323	286	286	0.266	0.0	1.0	29.4	43.3	-31.8	53.8	323	0.0	0.291	1.0	34.3	11.6	-40.3	42.0	286	0.267	0.0	1.0	0.0	0.281	1.0	34.0	12.3	-40.3	42.2	286	0.267	0.0	1.0			
325	287	287	0.283	0.0	1.0	29.9	44.7	-31.1	54.4	325	0.0	0.28	1.0	33.9	12.3	-40.3	42.2	287	0.283	0.0	1.0	0.0	0.27	1.0	33.6	13.0	-40.2	42.4	287	0.283	0.0	1.0			
326	288	288	0.3	0.0	1.0	30.4	46.0	-30.3	55.1	326	0.0	0.269	1.0	33.5	13.1	-40.2	42.4	288	0.3	0.0	1.0	0.0	0.26	1.0	33.2	13.7	-40.2	42.5	288	0.3	0.0	1.0			
328	289	289	0.316	0.0	1.0	30.9	47.3	-29.4	55.7	328	0.0	0.257	1.0	33.1	13.9	-40.2	42.6	289	0.317	0.0	1.0	0.0	0.249	1.0	32.8	14.4	-40.1	42.7	289	0.317	0.0	1.0			
329	290	290	0.333	0.0	1.0	31.4	48.6	-28.5	56.4	329	0.0	0.245	1.0	32.7	14.6	-40.1	42.8	290	0.333	0.0	1.0	0.0	0.236	1.0	32.4	15.2	-40.2	43.1	290	0.333	0.0	1.0			
331	291	291	0.35	0.0	1.0	32.0	49.9	-27.5	57.0	331	0.0	0.232	1.0	32.2	15.5	-40.2	43.2	291	0.35	0.0	1.0	0.0	0.223	1.0	32.0	16.0	-40.3	43.4	291	0.35	0.0	1.0			
332	292	292	0.366	0.0	1.0	32.5	51.2	-26.5	57.7	332	0.0	0.219	1.0	31.8	16.3	-40.3	43.6	292	0.367	0.0	1.0	0.0	0.211	1.0	31.5	16.8	-40.3	43.8	292	0.367	0.0	1.0			
333	293	293	0.383	0.0	1.0	32.9	52.3	-25.7	58.3	333	0.0	0.205	1.0	31.4	17.2	-40.3	43.9	293	0.383	0.0	1.0	0.0	0.198	1.0	31.1	17.6	-40.3	44.1	293	0.383	0.0	1.0			
334	294	294	0.4	0.0	1.0	33.3	53.2	-25.0	58.8	334	0.0	0.192	1.0	30.9	18.0	-40.3	44.3	294	0.4	0.0	1.0	0.0	0.186	1.0	30.7	18.4	-40.4	44.5	294	0.4	0.0	1.0			
335	295	295	0.416	0.0	1																														

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*; 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} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; 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	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi (x=LabCh)																		
340	300	300	0.5	0.0	1.0	35.6	58.6	-20.7	62.1	340	0.0	0.109	1.0	28.2	23.3	-40.3	46.6	300	0.5	0.0	1.0	0.0	0.106	1.0	28.1	23.5	-40.3	46.7	300	0.5	0.0	1.0
341	301	301	0.516	0.0	1.0	35.9	59.5	-19.9	62.8	341	0.0	0.091	1.0	27.7	24.3	-40.3	47.2	301	0.517	0.0	1.0	0.0	0.089	1.0	27.6	24.4	-40.3	47.2	301	0.517	0.0	1.0
342	302	302	0.533	0.0	1.0	36.2	60.5	-19.0	63.4	342	0.0	0.074	1.0	27.2	25.3	-40.4	47.7	302	0.533	0.0	1.0	0.0	0.073	1.0	27.2	25.4	-40.4	47.8	302	0.533	0.0	1.0
343	303	303	0.55	0.0	1.0	36.6	61.4	-18.2	64.0	343	0.0	0.056	1.0	26.7	26.3	-40.4	48.3	303	0.55	0.0	1.0	0.0	0.056	1.0	26.7	26.3	-40.4	48.3	303	0.55	0.0	1.0
344	304	304	0.566	0.0	1.0	36.9	62.3	-17.3	64.7	344	0.0	0.039	1.0	26.2	27.3	-40.4	48.9	304	0.567	0.0	1.0	0.0	0.039	1.0	26.2	27.3	-40.4	48.9	304	0.567	0.0	1.0
345	305	304	0.583	0.0	1.0	37.2	63.2	-16.4	65.3	345	0.0	0.021	1.0	25.7	28.3	-40.4	49.4	305	0.583	0.0	1.0	0.0	0.023	1.0	25.7	28.2	-40.4	49.4	304	0.583	0.0	1.0
346	306	305	0.6	0.0	1.0	37.6	64.1	-15.4	66.0	346	0.0	0.004	1.0	25.2	29.4	-40.3	50.0	306	0.6	0.0	1.0	0.0	0.006	1.0	25.3	29.2	-40.3	49.9	305	0.6	0.0	1.0
347	307	306	0.616	0.0	1.0	37.9	65.0	-14.5	66.6	347	0.011	0.0	1.0	25.3	30.2	-40.0	50.2	307	0.617	0.0	1.0	0.009	0.0	1.0	25.3	30.1	-40.1	50.2	306	0.617	0.0	1.0
348	308	307	0.633	0.0	1.0	38.3	65.8	-13.7	67.2	348	0.026	0.0	1.0	25.7	31.0	-39.6	50.3	308	0.633	0.0	1.0	0.023	0.0	1.0	25.6	30.8	-39.7	50.3	307	0.633	0.0	1.0
348	309	308	0.65	0.0	1.0	38.8	66.6	-13.1	67.9	348	0.041	0.0	1.0	26.0	31.8	-39.1	50.5	309	0.65	0.0	1.0	0.036	0.0	1.0	25.9	31.5	-39.3	50.4	308	0.65	0.0	1.0
349	310	309	0.666	0.0	1.0	39.3	67.3	-12.5	68.5	349	0.056	0.0	1.0	26.3	32.5	-38.7	50.6	310	0.667	0.0	1.0	0.05	0.0	1.0	26.2	32.3	-38.8	50.6	309	0.667	0.0	1.0
350	311	310	0.683	0.0	1.0	39.8	68.1	-11.9	69.1	350	0.07	0.0	1.0	26.7	33.3	-38.2	50.8	311	0.683	0.0	1.0	0.064	0.0	1.0	26.5	33.0	-38.4	50.7	310	0.683	0.0	1.0
350	312	311	0.7	0.0	1.0	40.3	68.8	-11.2	69.7	350	0.085	0.0	1.0	27.0	34.1	-37.7	50.9	312	0.7	0.0	1.0	0.078	0.0	1.0	26.9	33.7	-37.9	50.8	311	0.7	0.0	1.0
351	313	312	0.716	0.0	1.0	40.8	69.5	-10.6	70.4	351	0.1	0.0	1.0	27.3	34.8	-37.2	51.0	313	0.717	0.0	1.0	0.092	0.0	1.0	27.2	34.4	-37.5	51.0	312	0.717	0.0	1.0
351	314	313	0.733	0.0	1.0	41.3	70.3	-9.9	71.0	351	0.114	0.0	1.0	27.7	35.5	-36.7	51.2	314	0.733	0.0	1.0	0.106	0.0	1.0	27.5	35.1	-37.0	51.1	313	0.733	0.0	1.0
352	315	314	0.75	0.0	1.0	41.8	71.0	-9.2	71.6	352	0.13	0.0	1.0	27.9	36.3	-36.2	51.3	315	0.75	0.0	1.0	0.12	0.0	1.0	27.8	35.8	-36.5	51.2	314	0.75	0.0	1.0
353	316	315	0.766	0.0	1.0	42.1	71.6	-8.7	72.1	353	0.146	0.0	1.0	28.1	37.1	-35.7	51.6	316	0.767	0.0	1.0	0.135	0.0	1.0	28.0	36.6	-36.0	51.4	315	0.767	0.0	1.0
353	317	316	0.783	0.0	1.0	42.4	72.1	-8.1	72.6	353	0.163	0.0	1.0	28.2	37.9	-35.3	51.8	317	0.783	0.0	1.0	0.151	0.0	1.0	28.1	37.3	-35.6	51.7	316	0.783	0.0	1.0
353	318	317	0.8	0.0	1.0	42.7	72.7	-7.6	73.1	353	0.18	0.0	1.0	28.3	38.7	-34.8	52.1	318	0.8	0.0	1.0	0.167	0.0	1.0	28.2	38.1	-35.1	51.9	317	0.8	0.0	1.0
354	319	318	0.816	0.0	1.0	43.1	73.2	-7.0	73.6	354	0.197	0.0	1.0	28.5	39.5	-34.2	52.4	319	0.817	0.0	1.0	0.183	0.0	1.0	28.4	38.9	-34.7	52.1	318	0.817	0.0	1.0
354	320	319	0.833	0.0	1.0	43.4	73.8	-6.5	74.1	354	0.213	0.0	1.0	28.6	40.3	-33.7	52.6	320	0.833	0.0	1.0	0.199	0.0	1.0	28.5	39.6	-34.2	52.4	319	0.833	0.0	1.0
355	321	320	0.85	0.0	1.0	43.7	74.3	-5.9	74.6	355	0.23	0.0	1.0	28.7	41.1	-33.2	52.9	321	0.85	0.0	1.0	0.215	0.0	1.0	28.6	40.4	-33.7	52.6	320	0.85	0.0	1.0
355	322	321	0.866	0.0	1.0	44.0	74.9	-5.3	75.1	355	0.247	0.0	1.0	28.9	41.9	-32.6	53.1	322	0.867	0.0	1.0	0.231	0.0	1.0	28.7	41.1	-33.2	52.9	321	0.867	0.0	1.0
356	323	321	0.883	0.0	1.0	44.3	75.4	-4.7	75.6	356	0.259	0.0	1.0	29.2	42.7	-32.1	53.5	323	0.883	0.0	1.0	0.247	0.0	1.0	28.9	41.8	-32.6	53.1	321	0.883	0.0	1.0
356	324	322	0.9	0.0	1.0	44.6	76.0	-4.1	76.1	356	0.27	0.0	1.0	29.5	43.7	-31.6	54.0	324	0.9	0.0	1.0	0.258	0.0	1.0	29.2	42.7	-32.1	53.5	322	0.9	0.0	1.0
357	325	323	0.916	0.0	1.0	44.8	76.6	-3.5	76.6	357	0.282	0.0	1.0	29.9	44.6	-31.1	54.4	325	0.917	0.0	1.0	0.269	0.0	1.0	29.5	43.5	-31.7	53.9	323	0.917	0.0	1.0
357	326	324	0.933	0.0	1.0	45.1	77.1	-2.8	77.2	357	0.293	0.0	1.0	30.2	45.5	-30.6	54.8	326	0.933	0.0	1.0	0.28	0.0	1.0	29.8	44.4	-31.2	54.3	324	0.933	0.0	1.0
358	327	325	0.95	0.0	1.0	45.3	77.7	-2.2	77.7	358	0.304	0.0	1.0	30.6	46.4	-30.0	55.3	327	0.95	0.0	1.0	0.29	0.0	1.0	30.1	45.2	-30.7	54.7	325	0.95	0.0	1.0
358	328	326	0.966	0.0	1.0	45.6	78.2	-1.5	78.2	358	0.315	0.0	1.0	30.9	47.2	-29.4	55.7	328	0.967	0.0	1.0	0.301	0.0	1.0	30.5	46.1	-30.2	55.1	326	0.967	0.0	1.0
359	329	327	0.983	0.0	1.0	45.8	78.7	-0.8	78.7	359	0.326	0.0	1.0	31.3	48.1	-28.8	56.1	329	0.983	0.0	1.0	0.311	0.0	1.0	30.8	46.9	-29.6	55.6	327	0.983	0.0	1.0
359	330	328	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359	0.337	0.0	1.0	31.6	49.0	-28.2	56.6	330	1.0	0.0	1.0	0.322	0.0	1.0	31.1	47.8	-29.1	56.0	328	1.0	0.0	1.0
360	331	329	1.0	0.0	0.983	46.1	79.1	0.3	79.1	360	0.349	0.0	1.0	32.0	49.9	-27.5	57.0	331	1.0	0.0	0.983	0.332	0.0	1.0	31.5	48.6	-28.5	56.4	329	1.0	0.0	0.983
360	332	330	1.0	0.0	0.966	46.0	79.0	0.9	79.0	360	0.36	0.0	1.0	32.3	50.7	-26.9	57.5	332	1.0	0.0	0.967	0.343	0.0	1.0	31.8	49.4	-27.9	56.8	330	1.0	0.0	0.967
361	333	331	1.0	0.0	0.95	46.0	78.9	1.5	78.9	361	0.371	0.0	1.0	32.7	51.6	-26.2	57.9	333	1.0	0.0	0.95	0.354	0.0	1.0	32.1	50.3	-27.2	57.2	331	1.0	0.0	0.95
361	334	332	1.0	0.0	0.933	46.0	78.7	2.1	78.8	361	0.386	0.0	1.0	33.0	52.5	-25.5	58.4	334	1.0	0.0	0.933	0.364	0.0	1.0	32.4	51.1	-26.6	57.6	332	1.0	0.0	0.933
361	335	333	1.0	0.0	0.916	46.0	78.6	2.7	78.6	361	0.404	0.0	1.0	33.4	53.5	-24.8	59.0	335	1.0	0.0	0.917	0.375	0.0	1.0	32.8	51.9	-25.9	58.0	333	1.0	0.0	0.917
362	336	334	1.0	0.0	0.9	46.0	78.4	3.2	78.5	362	0.421	0.0	1.0	33.8	54.4	-24.1	59.6	336	1.0	0.0	0.9	0.391	0.0	1.0	33.1	52.8	-25.3	58.6	334	1.0	0.0	0.9
362	337	335	1.0	0.0	0.883	45.9	78.3	3.8	78.4	362	0.438	0.0	1.0	34.2	55.4	-23.4	60.1	337	1.0	0.0	0.883	0.408	0.0	1.0	33.5	53.7	-24.7	59.1	335	1.0	0.0	0.883
363	338	336	1.0	0.0	0.866	45.9	78.1	4.4	78.3	363	0.456	0.0	1.0	34.6	56.3	-22.6	60.7	338	1.0	0.0	0.867	0.424	0.0	1.0	33.9	54.6	-24.0	59.7	336	1.0	0.0	0.867
363	339	337	1.0	0.0	0.85	45.9	78.0	5.0	78.2	363	0.473	0.0	1.0	35.0	57.2	-21.9	61.3	339	1.0	0.0	0.85	0.441	0.0	1.0	34.3	55.5	-23.3	60.2	337	1.0	0.0	0.85
364	340	338	1.0	0.0	0.833	45.9	77.9	5.6	78.1	364	0.491	0.0																				

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*; D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_S: h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours RYGBM_d: h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; Six hue angles of the elementary colours RYGBM_C: 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 [*] _{dsx361Mi (x=LabCh)}	rgb [*] _{ds361Mi}	LAB [*] _{dsx361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	LAB [*] _{de361Mi}	rgb [*] _{dex361Mi (x=LabCh)}	LAB [*] _{dd361Mi}	rgb [*] _{dd361Mi}	rgb [*] _{dd}	rgb [*] _{ds}	rgb [*] _{de}
366	345	342	1.0 0.0 0.75	45.9 77.1 8.6	77.6 366	0.576 0.0 1.0	37.1 62.9	-16.7 65.1 345	1.0 0.0 0.75	0.539 0.0 1.0	36.4 60.8	-18.7 63.7 342	1.0 0.0 0.75	
367	346	343	1.0 0.0 0.733	45.9 77.0 9.4	77.5 367	0.593 0.0 1.0	37.5 63.8	-15.8 65.7 346	1.0 0.0 0.733	0.555 0.0 1.0	36.7 61.7	-17.9 64.3 343	1.0 0.0 0.733	
367	347	344	1.0 0.0 0.716	45.9 76.8 10.3	77.5 367	0.61 0.0 1.0	37.8 64.7	-14.8 66.4 347	1.0 0.0 0.717	0.571 0.0 1.0	37.0 62.6	-17.0 64.9 344	1.0 0.0 0.717	
368	348	345	1.0 0.0 0.7	45.9 76.6 11.1	77.4 368	0.627 0.0 1.0	38.2 65.6	-13.8 67.1 348	1.0 0.0 0.7	0.587 0.0 1.0	37.3 63.5	-16.1 65.5 345	1.0 0.0 0.7	
368	349	346	1.0 0.0 0.683	45.9 76.4 11.9	77.3 368	0.654 0.0 1.0	39.0 66.8	-12.9 68.1 349	1.0 0.0 0.683	0.603 0.0 1.0	37.7 64.3	-15.2 66.1 346	1.0 0.0 0.683	
369	350	347	1.0 0.0 0.666	45.9 76.2 12.8	77.2 369	0.681 0.0 1.0	39.8 68.0	-11.9 69.1 350	1.0 0.0 0.667	0.619 0.0 1.0	38.0 65.2	-14.3 66.7 347	1.0 0.0 0.667	
370	351	348	1.0 0.0 0.65	46.0 75.9 13.6	77.2 370	0.708 0.0 1.0	40.6 69.2	-10.9 70.1 351	1.0 0.0 0.65	0.641 0.0 1.0	38.6 66.2	-13.4 67.6 348	1.0 0.0 0.65	
370	352	349	1.0 0.0 0.633	46.0 75.7 14.4	77.1 370	0.735 0.0 1.0	41.4 70.4	-9.8 71.1 352	1.0 0.0 0.633	0.667 0.0 1.0	39.3 67.4	-12.4 68.5 349	1.0 0.0 0.633	
371	353	350	1.0 0.0 0.616	46.0 75.5 15.2	77.1 371	0.765 0.0 1.0	42.1 71.6	-8.7 72.1 353	1.0 0.0 0.617	0.692 0.0 1.0	40.1 68.5	-11.5 69.5 350	1.0 0.0 0.617	
372	354	351	1.0 0.0 0.6	45.9 75.4 16.1	77.1 372	0.8 0.0 1.0	42.8 72.7	-7.5 73.1 354	1.0 0.0 0.6	0.717 0.0 1.0	40.9 69.6	-10.5 70.4 351	1.0 0.0 0.6	
372	355	352	1.0 0.0 0.583	45.9 75.2 16.9	77.1 372	0.835 0.0 1.0	43.5 73.9	-6.4 74.2 355	1.0 0.0 0.583	0.743 0.0 1.0	41.6 70.7	-9.5 71.4 352	1.0 0.0 0.583	
373	356	353	1.0 0.0 0.566	45.9 75.0 17.8	77.1 373	0.87 0.0 1.0	44.2 75.0	-5.1 75.2 356	1.0 0.0 0.567	0.774 0.0 1.0	42.3 71.9	-8.4 72.4 353	1.0 0.0 0.567	
374	357	354	1.0 0.0 0.55	45.9 74.8 18.6	77.1 374	0.904 0.0 1.0	44.7 76.2	-3.9 76.3 357	1.0 0.0 0.55	0.807 0.0 1.0	42.9 73.0	-7.3 73.3 354	1.0 0.0 0.55	
374	358	355	1.0 0.0 0.533	45.9 74.6 19.5	77.1 374	0.938 0.0 1.0	45.2 77.3	-2.6 77.3 358	1.0 0.0 0.533	0.84 0.0 1.0	43.6 74.1	-6.2 74.3 355	1.0 0.0 0.533	
375	359	356	1.0 0.0 0.516	45.9 74.4 20.3	77.1 375	0.971 0.0 1.0	45.7 78.4	-1.3 78.4 359	1.0 0.0 0.517	0.873 0.0 1.0	44.2 75.1	-5.0 75.3 356	1.0 0.0 0.517	
375	360	357	1.0 0.0 0.5	45.9 74.2 21.1	77.1 375	1.0 0.0 0.994	46.1 79.3	0.0 79.3 360	1.0 0.0 0.5	0.736 0.0 1.0	41.4 70.5	-9.7 71.1 352	1.0 0.0 0.5	
376	361	353	1.0 0.0 0.483	45.8 74.1 22.1	77.3 376	1.0 0.0 0.955	46.1 79.0	1.4 79.0 361	1.0 0.0 0.483	0.771 0.0 1.0	42.2 71.8	-8.5 72.3 353	1.0 0.0 0.483	
377	362	354	1.0 0.0 0.466	45.8 73.9 23.1	77.4 377	1.0 0.0 0.916	46.0 78.6	2.7 78.7 362	1.0 0.0 0.467	0.81 0.0 1.0	43.0 73.1	-7.2 73.4 354	1.0 0.0 0.467	
378	363	355	1.0 0.0 0.45	45.8 73.8 24.0	77.6 378	1.0 0.0 0.876	46.0 78.3	4.1 78.4 363	1.0 0.0 0.45	0.849 0.0 1.0	43.8 74.4	-5.9 74.6 355	1.0 0.0 0.45	
378	364	356	1.0 0.0 0.433	45.8 73.6 25.0	77.7 378	1.0 0.0 0.839	46.0 78.0	5.5 78.2 364	1.0 0.0 0.433	0.887 0.0 1.0	44.4 75.6	-4.5 75.8 356	1.0 0.0 0.433	
379	365	357	1.0 0.0 0.416	45.8 73.4 25.9	77.9 379	1.0 0.0 0.802	46.0 77.7	6.8 78.0 365	1.0 0.0 0.417	0.925 0.0 1.0	45.0 76.9	-3.1 77.0 357	1.0 0.0 0.417	
380	366	358	1.0 0.0 0.4	45.8 73.2 26.9	78.0 380	1.0 0.0 0.765	46.0 77.3	8.1 77.8 366	1.0 0.0 0.4	0.963 0.0 1.0	45.6 78.1	-1.6 78.1 358	1.0 0.0 0.4	
380	367	359	1.0 0.0 0.383	45.8 73.0 27.8	78.2 380	1.0 0.0 0.734	46.0 77.0	9.5 77.6 367	1.0 0.0 0.383	1.0 0.0 1.0	46.1 79.3	-0.1 79.3 359	1.0 0.0 0.383	
381	368	360	1.0 0.0 0.366	45.8 72.9 28.7	78.4 381	1.0 0.0 0.708	46.0 76.7	10.8 77.5 368	1.0 0.0 0.367	1.0 0.0 0.956	46.1 79.0	1.3 79.0 360	1.0 0.0 0.367	
382	369	362	1.0 0.0 0.35	45.8 72.8 29.6	78.6 382	1.0 0.0 0.681	46.0 76.4	12.1 77.4 369	1.0 0.0 0.35	1.0 0.0 0.912	46.0 78.6	2.9 78.7 362	1.0 0.0 0.35	
382	370	363	1.0 0.0 0.333	45.7 72.7 30.4	78.8 382	1.0 0.0 0.655	46.0 76.1	13.4 77.2 370	1.0 0.0 0.333	1.0 0.0 0.869	46.0 78.2	4.4 78.3 363	1.0 0.0 0.333	
383	371	364	1.0 0.0 0.316	45.7 72.6 31.2	79.1 383	1.0 0.0 0.628	46.0 75.7	14.7 77.1 371	1.0 0.0 0.317	1.0 0.0 0.828	46.0 77.9	5.9 78.1 364	1.0 0.0 0.317	
383	372	365	1.0 0.0 0.3	45.7 72.5 32.1	79.3 383	1.0 0.0 0.602	46.0 75.4	16.0 77.1 372	1.0 0.0 0.3	1.0 0.0 0.786	46.0 77.5	7.4 77.9 365	1.0 0.0 0.3	
384	373	366	1.0 0.0 0.283	45.6 72.4 32.9	79.6 384	1.0 0.0 0.576	46.0 75.2	17.4 77.1 373	1.0 0.0 0.283	1.0 0.0 0.746	46.0 77.1	8.8 77.7 366	1.0 0.0 0.283	
385	374	367	1.0 0.0 0.266	45.6 72.3 33.8	79.8 385	1.0 0.0 0.55	45.9 74.9	18.7 77.2 374	1.0 0.0 0.267	1.0 0.0 0.717	46.0 76.8	10.3 77.5 367	1.0 0.0 0.267	
385	375	368	1.0 0.0 0.25	45.6 72.1 34.6	80.0 385	1.0 0.0 0.524	45.9 74.5	20.0 77.2 375	1.0 0.0 0.25	1.0 0.0 0.687	46.0 76.5	11.8 77.4 368	1.0 0.0 0.25	
386	376	369	1.0 0.0 0.233	45.6 72.1 35.3	80.3 386	1.0 0.0 0.498	45.9 74.2	21.3 77.2 376	1.0 0.0 0.233	1.0 0.0 0.658	46.0 76.1	13.3 77.2 369	1.0 0.0 0.233	
386	377	370	1.0 0.0 0.216	45.6 72.0 36.1	80.5 386	1.0 0.0 0.475	45.9 74.0	22.6 77.4 377	1.0 0.0 0.217	1.0 0.0 0.628	46.0 75.7	14.7 77.1 370	1.0 0.0 0.217	
387	378	372	1.0 0.0 0.2	45.6 71.9 36.8	80.8 387	1.0 0.0 0.451	45.9 73.8	24.0 77.6 378	1.0 0.0 0.2	1.0 0.0 0.599	46.0 75.4	16.2 77.1 372	1.0 0.0 0.2	
387	379	373	1.0 0.0 0.183	45.5 71.8 37.5	81.0 387	1.0 0.0 0.428	45.9 73.6	25.3 77.8 379	1.0 0.0 0.183	1.0 0.0 0.57	46.0 75.1	17.6 77.1 373	1.0 0.0 0.183	
388	380	374	1.0 0.0 0.166	45.5 71.7 38.2	81.3 388	1.0 0.0 0.404	45.9 73.3	26.7 78.0 380	1.0 0.0 0.167	1.0 0.0 0.541	45.9 74.8	19.1 77.2 374	1.0 0.0 0.167	
388	381	375	1.0 0.0 0.15	45.5 71.6 39.0	81.5 388	1.0 0.0 0.38	45.8 73.1	28.0 78.3 381	1.0 0.0 0.15	1.0 0.0 0.512	45.9 74.4	20.6 77.2 375	1.0 0.0 0.15	
389	382	376	1.0 0.0 0.133	45.5 71.5 39.7	81.8 389	1.0 0.0 0.353	45.8 72.9	29.4 78.6 382	1.0 0.0 0.133	1.0 0.0 0.485	45.9 74.1	22.0 77.3 376	1.0 0.0 0.133	
389	383	377	1.0 0.0 0.116	45.5 71.4 40.4	82.1 389	1.0 0.0 0.325	45.8 72.7	30.9 79.0 383	1.0 0.0 0.117	1.0 0.0 0.459	45.9 73.9	23.6 77.6 377	1.0 0.0 0.117	
389	384	378	1.0 0.0 0.1	45.5 71.3 41.0	82.3 389	1.0 0.0 0.297	45.7 72.5	32.3 79.4 384	1.0 0.0 0.1	1.0 0.0 0.433	45.9 73.6	25.1 77.8 378	1.0 0.0 0.1	
390	385	379	1.0 0.0 0.083	45.5 71.3 41.6	82.6 390	1.0 0.0 0.268	45.7 72.3	33.7 79.8 385	1.0 0.0 0.083	1.0 0.0 0.406	45.9 73.4	26.6 78.0 379	1.0 0.0 0.083	
390	386	381	1.0 0.0 0.066	45.5 71.2 42.3	82.8 390	1.0 0.0 0.238	45.6 72.1	35.2 80.3 386	1.0 0.0 0.067	1.0 0.0 0.38	45.8 73.1	28.1 78.3 381	1.0 0.0 0.067	
391	387	382	1.0 0.0 0.049	45.5 71.1 42.9	83.1 391	1.0 0.0 0.204	45.6 72.0	36.7 80.8 387	1.0 0.0 0.05	1.0 0.0 0.349	45.8 72.9	29.6 78.7 382	1.0 0.0 0.05	
391	388	383	1.0 0.0 0.033	45.4 71.1 43.5	83.4 391	1.0 0.0 0.17	45.6 71.8	38.2 81.3 388	1.0 0.0 0.033	1.0 0.0 0.318	45.8 72.7	31.2 79.1 383	1.0 0.0 0.033	
391	389	384	1.0 0.0 0.016	45.4 71.0 44.2	83.6 391	1.0 0.0 0.135	45.6 71.6	39.7 81.8 389	1.0 0.0 0.017	1.0 0.0 0.286	45.7 72.5	32.8 79.6 384	1.0 0.0 0.017	
392	390	385	1.0 0.0 0.0	45.4 70.9 44.8	83.9 392	1.0 0.0 0.096	45.5 71.4	41.2 82.4 390	1.0 0.0 0.0	1.0 0.0 0.255	45.7 72.2	34.4 80.0 385	1.0 0.0 0.0	

see similar files: http://130.149.60.45/~farbmetrik/QE47/QE47L0FA.TXT / .PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE47/QE47L0FA.TXT /.PS
application for measurement of offset print output, separation cmy0* (CMY0)
TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/QE47/QE47L0FA.TXT /.PS; 3D-linearization F: 3D-linearization QE47/QE47L30FA.DAT in file (F), page 18/33

Table with columns: nrf, HHC*Fid, rgb*Fid, icr*Fid, hsa*Fid, rgb*Fid, LabC*Fid, LabC*Sep.Fid, cmy0*Sep.Fid, hsa*Fid, rgb*Fid, LabC*Fid, LabC*Fid, delta. Rows include color patches like R000, R001, Y000, Y001, etc.

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

Mean color difference of this page:

QE4710L

QE4710L

QE4710L

QE4710L

http://130.149.60.45/~farbmetrik/QE47/QE47L0FA.TXT /.PS; 3D-linearization F: 3D-linearization QE47/QE47L30FA.DAT in file (F), page 21/33

Table with 16 columns: n, HHC*F0d, rpb_F0d, icr_F0d, hsa_F0d, rpb_F0d, LabC0*F0d, cmy0*_sep_F0d, hsa_F0d, rpb_F0d, LabC0*F0d, LabC0*F0d, LabC0*F0d, LabC0*F0d, LabC0*F0d, LabC0*F0d. Rows 81-161.

Mean color difference of this page: delta

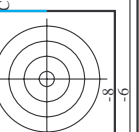
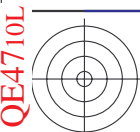
input: rgb/cmyk -> rgbd output: 3D-linearization to cmy0*dd

TUB-test chart QE47; hue code: H*d=Y25Gd colors and differences, AE*'

QE470-TN; Page 21/33-F

I-1032031-F0

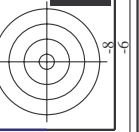
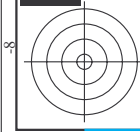
I-1032031-F0



http://130.149.60.45/~farbmetrik/QE47/QE47L0FA.TXT /.PS; 3D-linearization F: 3D-linearization QE47/QE47L30FA.DAT in file (F), page 22/33

Table with 15 columns: n, HHC*F0d, rpb_F0d, icr_F0d, hsa_F0d, rpb*F0d, LabCh*F0d, cmy0*sep_F0d, hsa*F0d, rpb*F0d, LabCh*F0d, delta, LabCh*F0d, rpb*F0d, hsa*F0d. Rows 162-242.

Mean color difference of this page: delta input: rgb/cmyk -> rgbd output: 3D-linearization to cmy0*dd



QE4710L

QE4710L

QE4710L

QE4710L

see similar files: http://130.149.60.45/~farbmetrik/QE47/QE47.HTM technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

Table with 15 columns: n, HHC*Fid, rpb_Fid, icr_Fid, hsa_Fid, rpb*Fid, LabC*Fid, LabC*Fid, cmyk*_sep_Fid, rpb*_Fid, hsa*_Fid, LabC*_Fid, LabC*_Fid, delta. Rows 405-485.

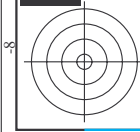
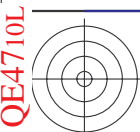
input: rgb/cmyk -> rbgdd output: 3D-linearization to cmy0*dd

http://130.149.60.45/~farbmetrik/QE47/QE47L0FA.TXT /.PS; 3D-linearization F: 3D-linearization QE47/QE47L30FA.DAT in file (F), page 25/33

TUB-test chart QE47; hue code: H*d=Y25Gd colors and differences, AE* *

QE4710L

QE4710L



see similar files: http://130.149.60.45/~farbmetrik/QE47/QE47.HTM technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

Table with 20 columns: n, HHC*Fid, rpb_Fid, icr_Fid, Hsa_Fid, rpb*Fid, LabC0*Fid, LabC0*Fid, cmy0*sep_Fid, Hsa*Fid, rpb*Fid, LabC0*Fid, LabC0*Fid, delta. Rows include color names like R00Y, R35Y, B00C, etc.

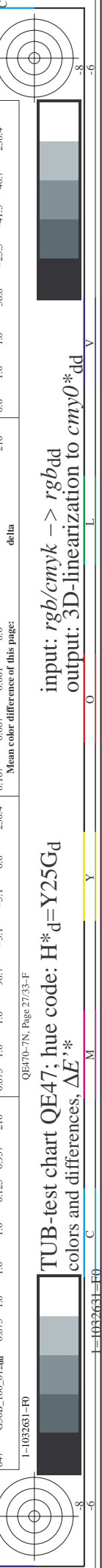
input: rgb/cmyk -> rgbdd output: 3D-linearization to cmy0*dd

TUB-test chart QE47; hue code: H*d=Y25Gd colors and differences, AE*^{*}

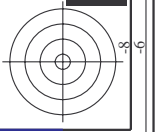
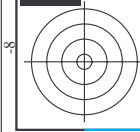
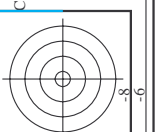
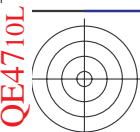
I-1032531-F0

I-1032531-F0





n	HC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgbb_Fid	LabCh_Fid	cmyp*_sep_Fid	hsa_Mid	rgbb_Mid	LabCh_Mid	cmyp*_sep_Mid	delta
567	R00Y_087_087Ad	0.875 0.0	0.875 0.875 0.437	390	0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
568	R00Y_087_087Ad	0.875 0.0	0.875 0.875 0.437	382	0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
569	R23Y_087_087Ad	0.875 0.0	0.875 0.875 0.437	374	0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
570	R23Y_087_087Ad	0.875 0.0	0.875 0.875 0.437	365	0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
571	B00K_087_087Ad	0.875 0.0	0.875 0.875 0.437	356	0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
572	B63K_087_087Ad	0.875 0.0	0.875 0.875 0.437	346	0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
573	B56K_087_087Ad	0.875 0.0	0.875 0.875 0.437	338	0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
574	B50K_087_087Ad	0.875 0.0	0.875 0.875 0.437	330	0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
575	B44K_100_100Ad	0.875 0.0	0.875 0.875 0.437	323	0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
576	R10Y_087_087Ad	0.875 0.125	0.875 0.875 0.437	381	0.875 0.125	42.8	0.171	0.983	0.0	0.983	0.0	0.983
577	R00Y_087_075Ad	0.875 0.125	0.875 0.75 0.5	380	0.875 0.125	42.8	0.171	0.983	0.0	0.983	0.0	0.983
578	R35Y_087_075Ad	0.875 0.125	0.875 0.75 0.5	381	0.875 0.125	42.8	0.171	0.983	0.0	0.983	0.0	0.983
579	R18Y_087_075Ad	0.875 0.125	0.875 0.75 0.5	371	0.875 0.125	42.8	0.171	0.983	0.0	0.983	0.0	0.983
580	R00Y_087_075Ad	0.875 0.125	0.875 0.75 0.5	360	0.875 0.125	42.8	0.171	0.983	0.0	0.983	0.0	0.983
581	B63K_087_075Ad	0.875 0.125	0.875 0.75 0.5	349	0.875 0.125	42.8	0.171	0.983	0.0	0.983	0.0	0.983
582	B57K_087_075Ad	0.875 0.125	0.875 0.75 0.5	339	0.875 0.125	42.8	0.171	0.983	0.0	0.983	0.0	0.983
583	B50K_087_075Ad	0.875 0.125	0.875 0.75 0.5	330	0.875 0.125	42.8	0.171	0.983	0.0	0.983	0.0	0.983
584	B43K_100_100Ad	0.875 0.125	0.875 0.75 0.5	322	0.875 0.125	42.8	0.171	0.983	0.0	0.983	0.0	0.983
585	R26Y_087_087Ad	0.875 0.25	0.875 0.875 0.437	46	0.875 0.25	42.8	0.171	0.983	0.0	0.983	0.0	0.983
586	R15Y_087_087Ad	0.875 0.25	0.875 0.75 0.5	39	0.875 0.25	42.8	0.171	0.983	0.0	0.983	0.0	0.983
587	R00Y_087_062Ad	0.875 0.25	0.875 0.625 0.562	390	0.875 0.25	42.8	0.171	0.983	0.0	0.983	0.0	0.983
588	R31Y_087_062Ad	0.875 0.25	0.875 0.625 0.562	379	0.875 0.25	42.8	0.171	0.983	0.0	0.983	0.0	0.983
589	R11Y_087_062Ad	0.875 0.25	0.875 0.625 0.562	367	0.875 0.25	42.8	0.171	0.983	0.0	0.983	0.0	0.983
590	B00K_087_062Ad	0.875 0.25	0.875 0.625 0.562	353	0.875 0.25	42.8	0.171	0.983	0.0	0.983	0.0	0.983
591	B00K_087_062Ad	0.875 0.25	0.875 0.625 0.562	341	0.875 0.25	42.8	0.171	0.983	0.0	0.983	0.0	0.983
592	B20K_100_100Ad	0.875 0.25	0.875 0.625 0.562	321	0.875 0.25	42.8	0.171	0.983	0.0	0.983	0.0	0.983
593	R18Y_087_087Ad	0.875 0.375	0.875 0.875 0.437	45	0.875 0.375	42.8	0.171	0.983	0.0	0.983	0.0	0.983
594	R15Y_087_087Ad	0.875 0.375	0.875 0.75 0.5	49	0.875 0.375	42.8	0.171	0.983	0.0	0.983	0.0	0.983
595	R31Y_087_075Ad	0.875 0.375	0.875 0.75 0.5	41	0.875 0.375	42.8	0.171	0.983	0.0	0.983	0.0	0.983
596	R18Y_087_062Ad	0.875 0.375	0.875 0.625 0.562	41	0.875 0.375	42.8	0.171	0.983	0.0	0.983	0.0	0.983
597	R00Y_087_050Ad	0.875 0.375	0.875 0.5 0.625	390	0.875 0.375	42.8	0.171	0.983	0.0	0.983	0.0	0.983
598	R26Y_087_050Ad	0.875 0.375	0.875 0.5 0.625	376	0.875 0.375	42.8	0.171	0.983	0.0	0.983	0.0	0.983
599	R00Y_087_050Ad	0.875 0.375	0.875 0.5 0.625	360	0.875 0.375	42.8	0.171	0.983	0.0	0.983	0.0	0.983
600	B61K_087_050Ad	0.875 0.375	0.875 0.5 0.625	344	0.875 0.375	42.8	0.171	0.983	0.0	0.983	0.0	0.983
601	B50K_087_050Ad	0.875 0.375	0.875 0.5 0.625	330	0.875 0.375	42.8	0.171	0.983	0.0	0.983	0.0	0.983
602	B40K_100_062Ad	0.875 0.375	0.875 0.5 0.625	319	0.875 0.375	42.8	0.171	0.983	0.0	0.983	0.0	0.983
603	R38Y_087_087Ad	0.875 0.5	0.875 0.875 0.437	61	0.875 0.5	42.8	0.171	0.983	0.0	0.983	0.0	0.983
604	R30Y_087_075Ad	0.875 0.5	0.875 0.75 0.5	60	0.875 0.5	42.8	0.171	0.983	0.0	0.983	0.0	0.983
605	R23Y_087_062Ad	0.875 0.5	0.875 0.625 0.562	53	0.875 0.5	42.8	0.171	0.983	0.0	0.983	0.0	0.983
606	R23Y_087_050Ad	0.875 0.5	0.875 0.5 0.625	44	0.875 0.5	42.8	0.171	0.983	0.0	0.983	0.0	0.983
607	R00Y_087_050Ad	0.875 0.5	0.875 0.375 0.687	390	0.875 0.5	42.8	0.171	0.983	0.0	0.983	0.0	0.983
608	R18Y_087_050Ad	0.875 0.5	0.875 0.375 0.687	371	0.875 0.5	42.8	0.171	0.983	0.0	0.983	0.0	0.983
609	B63K_087_050Ad	0.875 0.5	0.875 0.375 0.687	349	0.875 0.5	42.8	0.171	0.983	0.0	0.983	0.0	0.983
610	B50K_087_050Ad	0.875 0.5	0.875 0.375 0.687	339	0.875 0.5	42.8	0.171	0.983	0.0	0.983	0.0	0.983
611	B38K_100_050Ad	0.875 0.5	0.875 0.375 0.687	316	0.875 0.5	42.8	0.171	0.983	0.0	0.983	0.0	0.983
612	R73Y_087_087Ad	0.875 0.625	0.875 0.875 0.437	71	0.875 0.625	42.8	0.171	0.983	0.0	0.983	0.0	0.983
613	R68Y_087_075Ad	0.875 0.625	0.875 0.75 0.5	71	0.875 0.625	42.8	0.171	0.983	0.0	0.983	0.0	0.983
614	R61Y_087_062Ad	0.875 0.625	0.875 0.625 0.562	67	0.875 0.625	42.8	0.171	0.983	0.0	0.983	0.0	0.983
615	R00Y_087_050Ad	0.875 0.625	0.875 0.5 0.625	60	0.875 0.625	42.8	0.171	0.983	0.0	0.983	0.0	0.983
616	R31Y_087_050Ad	0.875 0.625	0.875 0.375 0.687	49	0.875 0.625	42.8	0.171	0.983	0.0	0.983	0.0	0.983
617	R00Y_087_050Ad	0.875 0.625	0.875 0.25 0.75	390	0.875 0.625	42.8	0.171	0.983	0.0	0.983	0.0	0.983
618	R00Y_087_050Ad	0.875 0.625	0.875 0.25 0.75	360	0.875 0.625	42.8	0.171	0.983	0.0	0.983	0.0	0.983
619	B50K_087_050Ad	0.875 0.625	0.875 0.25 0.75	330	0.875 0.625	42.8	0.171	0.983	0.0	0.983	0.0	0.983
620	B34K_100_050Ad	0.875 0.625	0.875 0.25 0.75	310	0.875 0.625	42.8	0.171	0.983	0.0	0.983	0.0	0.983
621	R86Y_087_087Ad	0.875 0.75	0.875 0.875 0.437	81	0.875 0.75	42.8	0.171	0.983	0.0	0.983	0.0	0.983
622	R83Y_087_075Ad	0.875 0.75	0.875 0.75 0.5	81	0.875 0.75	42.8	0.171	0.983	0.0	0.983	0.0	0.983
623	R73Y_087_062Ad	0.875 0.75	0.875 0.625 0.562	79	0.875 0.75	42.8	0.171	0.983	0.0	0.983	0.0	0.983
624	R68Y_087_050Ad	0.875 0.75	0.875 0.5 0.625	76	0.875 0.75	42.8	0.171	0.983	0.0	0.983	0.0	0.983
625	R61Y_087_050Ad	0.875 0.75	0.875 0.375 0.687	71	0.875 0.75	42.8	0.171	0.983	0.0	0.983	0.0	0.983
626	B63Y_087_050Ad	0.875 0.75	0.875 0.375 0.687	60	0.875 0.75	42.8	0.171	0.983	0.0	0.983	0.0	0.983
627	R00Y_087_050Ad	0.875 0.75	0.875 0.25 0.75	60	0.875 0.75	42.8	0.171	0.983	0.0	0.983	0.0	0.983
628	B50K_087_050Ad	0.875 0.75	0.875 0.25 0.75	390	0.875 0.75	42.8	0.171	0.983	0.0	0.983	0.0	0.983
629	B28K_100_050Ad	0.875 0.75	0.875 0.25 0.75	300	0.875 0.75	42.8	0.171	0.983	0.0	0.983	0.0	0.983
630	Y00G_087_087Ad	0.875 0.875 0.0	0.875 0.875 0.437	90	0.875 0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
631	Y00G_087_087Ad	0.875 0.875 0.0	0.875 0.75 0.5	90	0.875 0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
632	Y00G_087_062Ad	0.875 0.875 0.0	0.875 0.625 0.562	90	0.875 0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
633	Y00G_087_050Ad	0.875 0.875 0.0	0.875 0.5 0.625	90	0.875 0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
634	Y00G_087_050Ad	0.875 0.875 0.0	0.875 0.375 0.687	90	0.875 0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
635	Y00G_087_050Ad	0.875 0.875 0.0	0.875 0.25 0.75	90	0.875 0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
636	Y00G_087_050Ad	0.875 0.875 0.0	0.875 0.125 0.812	90	0.875 0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
637	NW_087Ad	0.875 0.875 0.0	0.875 0.125 0.812	390	0.875 0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
638	B00K_100_012Ad	0.875 0.875 0.0	0.875 0.125 0.812	300	0.875 0.875 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
639	Y11G_100_100Ad	0.875 1.0 0.0	0.875 0.875 0.437	97	0.875 1.0 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
640	Y10G_100_087Ad	0.875 1.0 0.0	0.875 0.75 0.5	98	0.875 1.0 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
641	Y18G_100_075Ad	0.875 1.0 0.0	0.875 0.625 0.562	97	0.875 1.0 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
642	Y18G_100_062Ad	0.875 1.0 0.0	0.875 0.5 0.625	101	0.875 1.0 0.0	42.8	0.171	0.983	0.0	0.983	0.0	0.983
643	Y23G_100_050Ad	0.875 1.0 0.0	0.875									



http://130.149.60.45/~farbmetrik/QE47/QE47L0FA.TXT /.PS; 3D-linearization F: 3D-linearization QE47/QE47L0FA.DAT in file (F), page 29/33

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

Table with 15 columns: n, H#C*Fad, rpb*Fad, icr*Fad, hsa*Fad, rpb*Fad, LabC*Fad, LabC*Fad, cmyk*sep,Fad, cmyk*sep,Fad, rpb*Fad, hsa*Fad, rpb*Fad, LabC*Fad, LabC*Fad. Rows 729-809.

delta

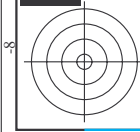
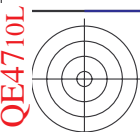
Mean color difference of this page:

QE470-7N; Page 29/33-F

TUB-test chart QE47; hue code: H*d=Y25Gd colors and differences, AE* *

QE4710L

QE4710L



http://130.149.60.45/~farbmetrik/QE47/QE47L0FA.TXT /.PS; 3D-linearization F: 3D-linearization QE47/QE47L0FA.DAT in file (F), page 30/33

Table with 10 columns: n, H#C*Fad, rpb*Fad, icr*Fad, hsa*Fad, rpb*Fad, LabC*Fad, cmy0*sep,Fad, rpb*Fad, LabC*Fad, hsa*Fad, rpb*Fad, LabC*Fad, delta. Rows 810-890.



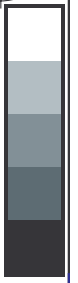
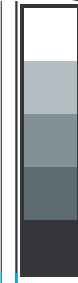
input: rgb/cmyk -> rgbdd output: 3D-linearization to cmy0*dd

TUB-test chart QE47; hue code: H*d=Y25Gd colors and differences, AE*
I-1032931-F0 I-1032931-F0

n	HC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabC*Fid	cmyp*sep_Fid	cmyp*sep_Fid	hsa_did	rgb*did	LabC*did	delta
891	NW_1000	1.0	1.0	1.0	1.0	95.6	0.0	0.0	360	1.0	1.0	0.0
892	NW_1000	0.875	1.0	1.0	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
893	NW_1000	0.75	1.0	1.0	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
894	NW_1000	0.625	1.0	1.0	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
895	NW_1000	0.5	1.0	1.0	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
896	NW_1000	0.375	1.0	1.0	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
897	NW_1000	0.25	1.0	1.0	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
898	NW_1000	0.125	1.0	1.0	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
899	NW_1000	0.0	1.0	1.0	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
900	NW_1000	0.875	1.0	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
901	NW_1000	0.75	1.0	0.875	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
902	NW_1000	0.625	1.0	0.875	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
903	NW_1000	0.5	1.0	0.875	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
904	NW_1000	0.375	1.0	0.875	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
905	NW_1000	0.25	1.0	0.875	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
906	NW_1000	0.125	1.0	0.875	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
907	NW_1000	0.0	1.0	0.875	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
908	NW_1000	0.875	1.0	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
909	NW_1000	0.75	1.0	0.875	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
910	NW_1000	0.625	1.0	0.875	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
911	NW_1000	0.5	1.0	0.875	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
912	NW_1000	0.375	1.0	0.875	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
913	NW_1000	0.25	1.0	0.875	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
914	NW_1000	0.125	1.0	0.875	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
915	NW_1000	0.0	1.0	0.875	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
916	NW_1000	0.875	1.0	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
917	NW_1000	0.75	1.0	0.875	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
918	NW_1000	0.625	1.0	0.875	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
919	NW_1000	0.5	1.0	0.875	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
920	NW_1000	0.375	1.0	0.875	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
921	NW_1000	0.25	1.0	0.875	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
922	NW_1000	0.125	1.0	0.875	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
923	NW_1000	0.0	1.0	0.875	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
924	NW_1000	0.875	1.0	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
925	NW_1000	0.75	1.0	0.875	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
926	NW_1000	0.625	1.0	0.875	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
927	NW_1000	0.5	1.0	0.875	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
928	NW_1000	0.375	1.0	0.875	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
929	NW_1000	0.25	1.0	0.875	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
930	NW_1000	0.125	1.0	0.875	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
931	NW_1000	0.0	1.0	0.875	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
932	NW_1000	0.875	1.0	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
933	NW_1000	0.75	1.0	0.875	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
934	NW_1000	0.625	1.0	0.875	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
935	NW_1000	0.5	1.0	0.875	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
936	NW_1000	0.375	1.0	0.875	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
937	NW_1000	0.25	1.0	0.875	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
938	NW_1000	0.125	1.0	0.875	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
939	NW_1000	0.0	1.0	0.875	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
940	NW_1000	0.875	1.0	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
941	NW_1000	0.75	1.0	0.875	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
942	NW_1000	0.625	1.0	0.875	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
943	NW_1000	0.5	1.0	0.875	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
944	NW_1000	0.375	1.0	0.875	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
945	NW_1000	0.25	1.0	0.875	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
946	NW_1000	0.125	1.0	0.875	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
947	NW_1000	0.0	1.0	0.875	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
948	NW_1000	0.875	1.0	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
949	NW_1000	0.75	1.0	0.875	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
950	NW_1000	0.625	1.0	0.875	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
951	NW_1000	0.5	1.0	0.875	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
952	NW_1000	0.375	1.0	0.875	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
953	NW_1000	0.25	1.0	0.875	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
954	NW_1000	0.125	1.0	0.875	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
955	NW_1000	0.0	1.0	0.875	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
956	NW_1000	0.875	1.0	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
957	NW_1000	0.75	1.0	0.875	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
958	NW_1000	0.625	1.0	0.875	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
959	NW_1000	0.5	1.0	0.875	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
960	NW_1000	0.375	1.0	0.875	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
961	NW_1000	0.25	1.0	0.875	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
962	NW_1000	0.125	1.0	0.875	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
963	NW_1000	0.0	1.0	0.875	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
964	NW_1000	0.875	1.0	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
965	NW_1000	0.75	1.0	0.875	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
966	NW_1000	0.625	1.0	0.875	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
967	NW_1000	0.5	1.0	0.875	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
968	NW_1000	0.375	1.0	0.875	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
969	NW_1000	0.25	1.0	0.875	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
970	NW_1000	0.125	1.0	0.875	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
971	NW_1000	0.0	1.0	0.875	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0

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

TUB-test chart QE47; hue code: H*_d=Y25G_d
 colors and differences, ΔE*
 Mean color difference of this page:



http://130.149.60.45/~farbmetrik/QE47/QE47L0FA.TXT /.PS; 3D-linearization F: 3D-linearization QE47/QE47L30FA.DAT in file (F), page 33/33

n	HC*Fid	rgb_Fid	icr_Fid	hs_Fid	rgb*Fid	LabC*Fid	cmyp*_sep_Fid	cmyp*_Fid	delta	LabC*Fid	rgb*Fid	hs_Fid	cmyp*_Fid	cmyp*_sep_Fid	delta	LabC*Fid	rgb*Fid	hs_Fid	cmyp*_Fid	cmyp*_sep_Fid	delta
1053	NW_0860ad	0.866	0.866	0.866	0.866	0.866	0.173	0.108	0.099	0.0	0.0	360	0.099	0.108	0.0	95.6	1.0	360	0.099	0.108	0.0
1054	NW_0975ad	0.933	0.933	0.933	0.933	0.933	0.09	0.054	0.05	0.0	0.0	360	0.05	0.054	0.0	95.6	1.0	360	0.05	0.054	0.0
1055	NW_1000ad	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	95.6	1.0	360	0.0	0.0	0.0
1056	NW_0060ad	0.066	0.066	0.066	0.066	0.066	1.0	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	95.6	1.0	360	1.0	1.0	0.0
1057	NW_0065ad	0.066	0.066	0.066	0.066	0.066	0.935	0.855	0.825	0.0	0.0	360	0.825	0.855	0.0	95.6	1.0	360	0.825	0.855	0.0
1058	NW_0130ad	0.133	0.133	0.133	0.133	0.133	0.879	0.763	0.725	0.0	0.0	360	0.725	0.763	0.0	95.6	1.0	360	0.725	0.763	0.0
1059	NW_0260ad	0.266	0.266	0.266	0.266	0.266	0.799	0.661	0.614	0.0	0.0	360	0.614	0.661	0.0	95.6	1.0	360	0.614	0.661	0.0
1060	NW_0265ad	0.266	0.266	0.266	0.266	0.266	0.731	0.571	0.537	0.0	0.0	360	0.537	0.571	0.0	95.6	1.0	360	0.537	0.571	0.0
1061	NW_0330ad	0.333	0.333	0.333	0.333	0.333	0.682	0.507	0.485	0.0	0.0	360	0.485	0.507	0.0	95.6	1.0	360	0.485	0.507	0.0
1062	NW_0460ad	0.4	0.4	0.4	0.4	0.4	0.574	0.404	0.381	0.0	0.0	360	0.381	0.404	0.0	95.6	1.0	360	0.381	0.404	0.0
1063	NW_0465ad	0.466	0.466	0.466	0.466	0.466	0.636	0.454	0.433	0.0	0.0	360	0.433	0.454	0.0	95.6	1.0	360	0.433	0.454	0.0
1064	NW_0575ad	0.533	0.533	0.533	0.533	0.533	0.509	0.354	0.33	0.0	0.0	360	0.33	0.354	0.0	95.6	1.0	360	0.33	0.354	0.0
1065	NW_0660ad	0.6	0.6	0.6	0.6	0.6	0.442	0.285	0.278	0.0	0.0	360	0.278	0.285	0.0	95.6	1.0	360	0.278	0.285	0.0
1066	NW_0665ad	0.666	0.666	0.666	0.666	0.666	0.377	0.228	0.228	0.0	0.0	360	0.228	0.228	0.0	95.6	1.0	360	0.228	0.228	0.0
1067	NW_0730ad	0.734	0.734	0.734	0.734	0.734	0.314	0.191	0.186	0.0	0.0	360	0.186	0.191	0.0	95.6	1.0	360	0.186	0.191	0.0
1068	NW_0860ad	0.8	0.8	0.8	0.8	0.8	0.252	0.153	0.146	0.0	0.0	360	0.146	0.153	0.0	95.6	1.0	360	0.146	0.153	0.0
1069	NW_0865ad	0.866	0.866	0.866	0.866	0.866	0.173	0.108	0.099	0.0	0.0	360	0.099	0.108	0.0	95.6	1.0	360	0.099	0.108	0.0
1070	NW_0975ad	0.933	0.933	0.933	0.933	0.933	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	95.6	1.0	360	0.0	0.0	0.0
1071	NW_1000ad	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	95.6	1.0	360	0.0	0.0	0.0
1072	NW_0060ad	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	95.6	1.0	360	1.0	1.0	0.0
1073	ROY_100_100ad	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	95.6	1.0	360	0.0	0.0	0.0
1074	ROY_100_100ad	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	95.6	1.0	360	0.0	0.0	0.0
1075	GS0B_100_100ad	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	389	1.0	1.0	0.0	45.4	70.9	44.8	83.9	44.8	83.9
1076	Y06C_100_100ad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	210	0.0	0.0	0.0	56.8	-25.5	-41.5	48.7	-41.5	48.7
1077	B06C_100_100ad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89	0.0	0.0	0.0	87.8	-10.2	95.4	96.0	95.4	96.0
1078	B08C_100_100ad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	270	0.0	0.0	0.0	29.5	29.5	40.4	50.0	40.4	50.0
1079	B50R_100_100ad	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	330	1.0	1.0	0.0	50.0	-63.0	29.5	71.4	-63.0	29.5
1079	B50R_100_100ad	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	330	0.0	0.0	0.0	46.1	79.3	-0.2	79.3	-0.2	79.3

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

Mean color difference of this page:

delta

QE470-7N; Page 33/33-F

TUB-test chart QE47; hue code: H*_d=Y25G_d
colors and differences, ΔE*_*