

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 139/360 = 0.38$

$H^*_ = Y75G_ -$

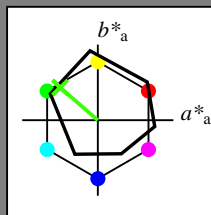
Data for any device (d) or elementary (e) colour:

$HIC^*_ -$

hue text for the colours of this page:

$H^*_ = Y75G_ -$

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):

$LabCh^*_{-,Ma}$: 62 -49 43 65 139

$HIC^*_{-,Ma}$: Y75G_100_100_

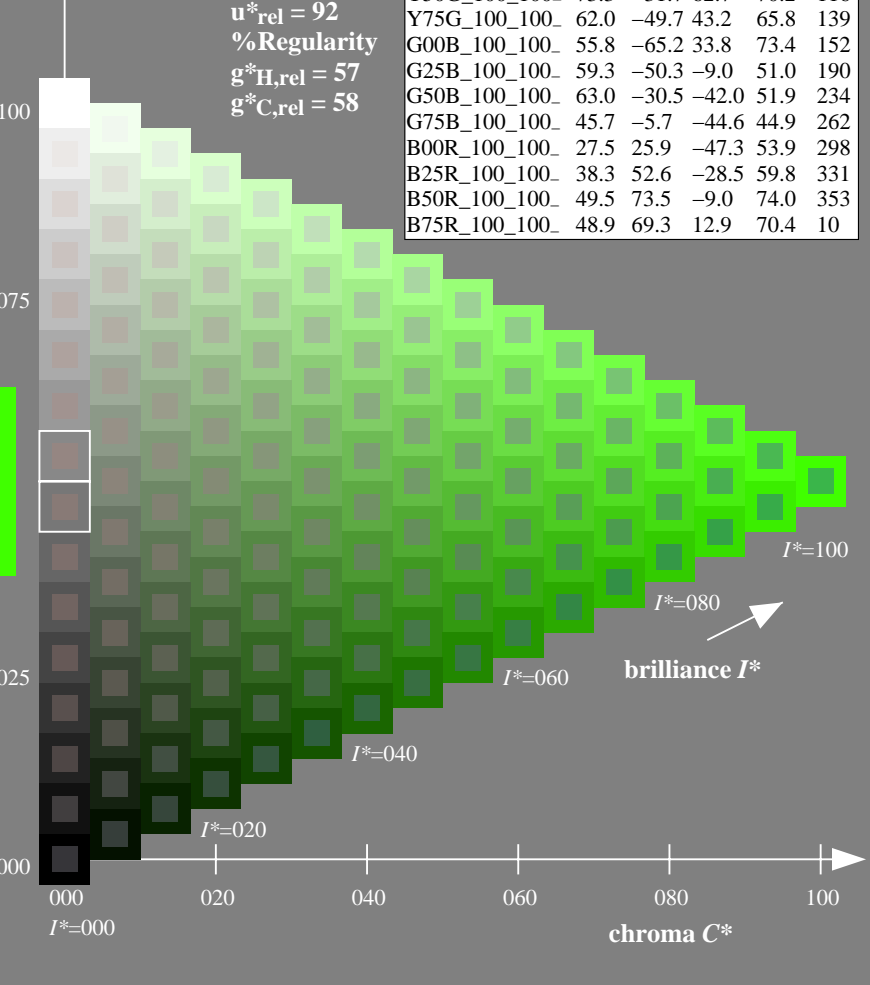
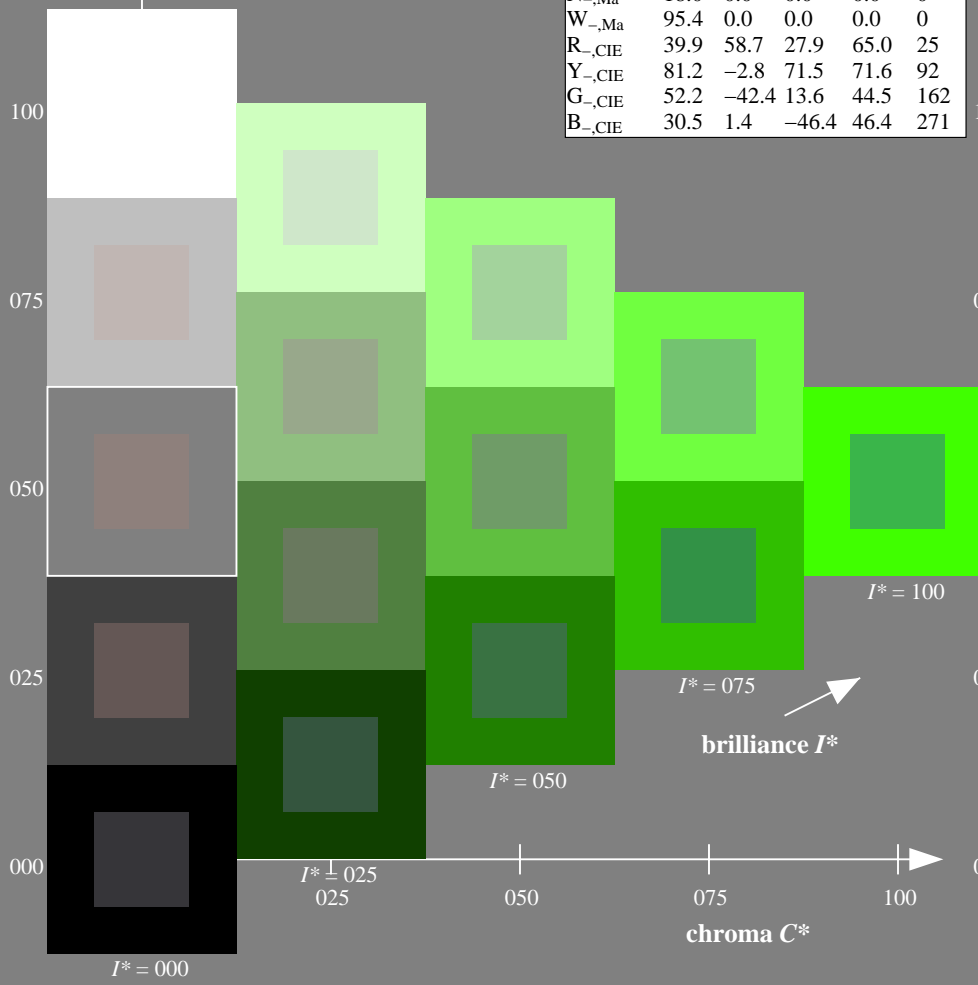
$rgbic^*_{-,Ma}$:

0.23 1.0 0.0 1.0 1.0

triangle lightness T^*

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/QE68/QE68L0FP.PDF> / .PS; start output
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE68/QE68L0FP.PDF /.PS
 application for measurement of offset print output

TUB material: code=rh4ta

1-113031-L0 QE680-7N

TUB-test chart QE68; hue code: $H^*_ = Y75G_ -$

Test chart according to DIN 33872, 3D=1, de=1, cm_y0^*

input: $rgb/cmyk \rightarrow rgb/cmyk$

output: no change

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 145/360 = 0.4$

$H^*_e = Y75G_e$

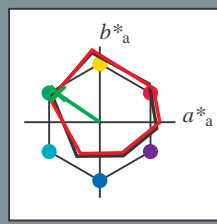
Data for any device (d) or elementary (e) colour:

HIC^*_e

hue text for the colours of this page:

$H^*_e = Y75G_e$

triangle lightness T^*



ORS20a; adapted (a) CIELAB data

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
Re,Ma	45.6	72.2	34.4	80.0	25
Ye,Ma	83.6	-3.6	90.4	90.4	92
Ge,Ma	50.6	-62.1	19.9	65.2	162
Ce,Ma	55.0	-36.2	-27.2	45.3	216
Be,Ma	40.2	1.2	-40.6	40.6	271
Me,Ma	31.1	47.7	-29.1	55.9	328
Ne,Ma	24.3	0.0	0.0	0.0	0
We,Ma	95.6	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	-2.8	71.5	71.6	92
Ge,CIE	52.2	-42.4	13.6	44.5	162
Be,CIE	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):

$LabCh^*_{e, Ma}: 54 -55 37 67 145$

$HIC^*_{e, Ma}: Y75G_{100_{100}_e}$

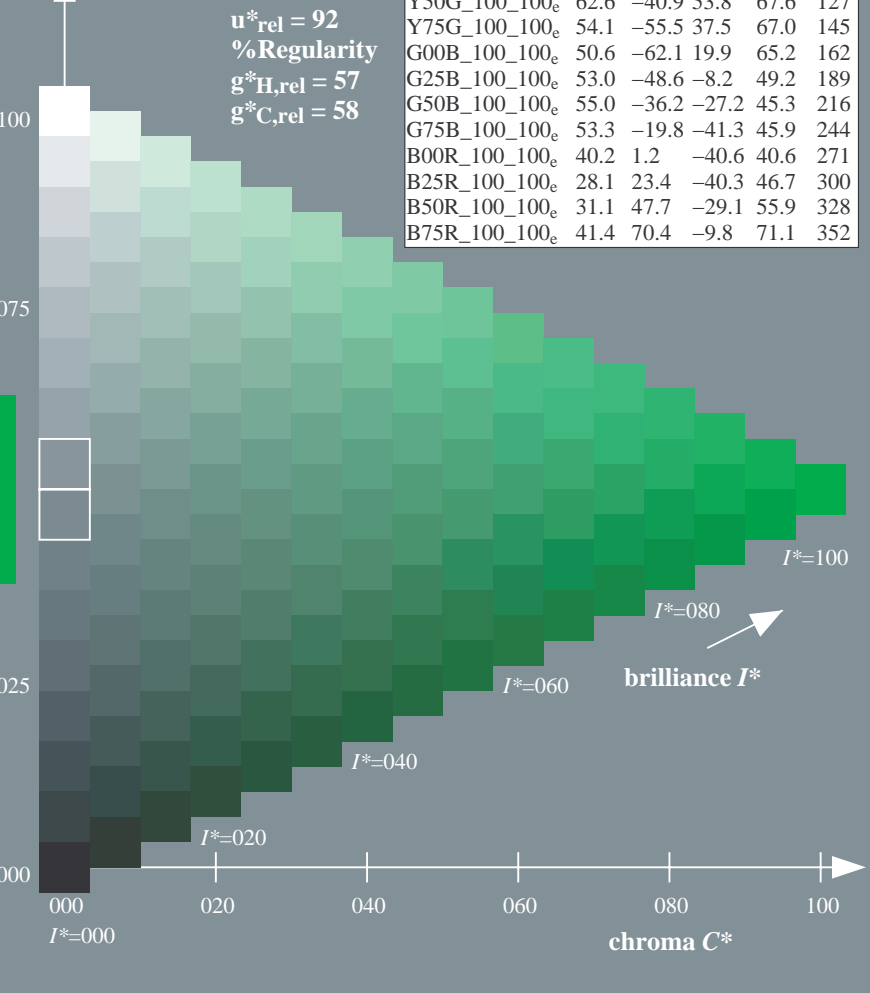
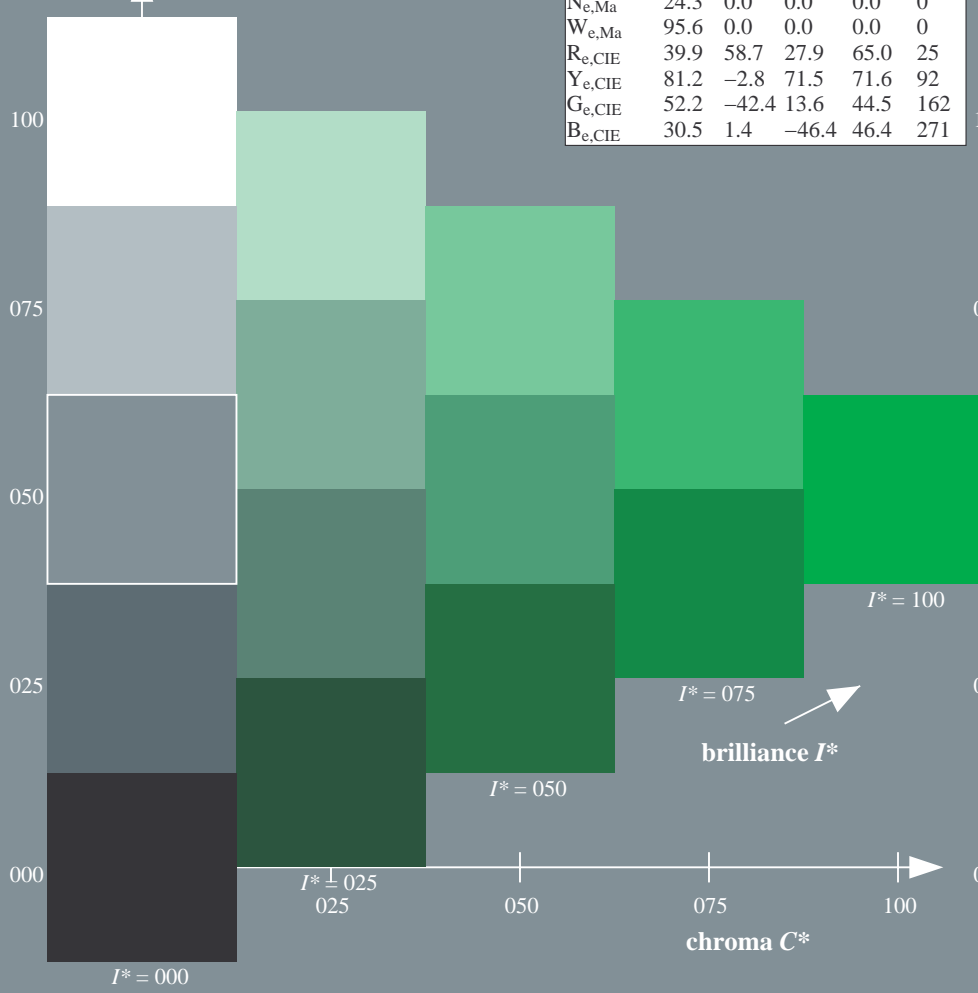
$rgbic^*_{e, Ma}$:

0.1 1.0 0.0 1.0 1.0

triangle lightness T^*

ORS20a; adapted (a) CIELAB data

H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	45.6	72.2	34.4	80.0	25
R25Y_100_100_e	50.5	59.2	51.6	78.6	41
R50Y_100_100_e	60.2	38.2	63.4	74.1	58
R75Y_100_100_e	70.9	17.9	75.9	77.9	76
Y00G_100_100_e	83.6	-3.6	90.4	90.4	92
Y25G_100_100_e	74.5	-25.0	74.3	78.4	108
Y50G_100_100_e	62.6	-40.9	53.8	67.6	127
Y75G_100_100_e	54.1	-55.5	37.5	67.0	145
G00B_100_100_e	50.6	-62.1	19.9	65.2	162
G25B_100_100_e	53.0	-48.6	-8.2	49.2	189
G50B_100_100_e	55.0	-36.2	-27.2	45.3	216
G75B_100_100_e	53.3	-19.8	-41.3	45.9	244
B00R_100_100_e	40.2	1.2	-40.6	40.6	271
B25R_100_100_e	28.1	23.4	-40.3	46.7	300
B50R_100_100_e	31.1	47.7	-29.1	55.9	328
B75R_100_100_e	41.4	70.4	-9.8	71.1	352



see similar files: http://130.149.60.45/~farbmetrik/QE68/QE68L0FP.PDF /.PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE68/QE68L0FP.PDF /.PS
application for measurement of offset print output, separation $cmY0^*$ (CMY0)
TUB material: code=rh4ta

1-113131-L0 QE680-73

TUB-test chart QE68; hue code: $H^*_e=Y75G_e$
Test chart according to DIN 33872, 3D=1, de=1, $cmY0^*$

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



Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 145/360 = 0.4$

$H^*_e = Y75G_e$

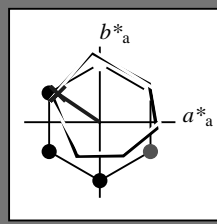
Data for any device (d) or elementary (e) colour:

HIC^*_e

hue text for the colours of this page:

$H^*_e = Y75G_e$

triangle lightness T^*



ORS20a; adapted (a) CIELAB data

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
Re,Ma	45.6	72.2	34.4	80.0
Ye,Ma	83.6	-3.6	90.4	90.4
Ge,Ma	50.6	-62.1	19.9	65.2
Ce,Ma	55.0	-36.2	-27.2	45.3
Be,Ma	40.2	1.2	-40.6	40.6
Me,Ma	31.1	47.7	-29.1	55.9
Ne,Ma	24.3	0.0	0.0	0.0
We,Ma	95.6	0.0	0.0	0.0
Re,CIE	39.9	58.7	27.9	65.0
Ye,CIE	81.2	-2.8	71.5	71.6
Ge,CIE	52.2	-42.4	13.6	44.5
Ce,CIE	52.2	-42.4	13.6	44.5
Be,CIE	30.5	1.4	-46.4	46.4

Data for maximum colour (Ma):

$LabCh^*_{e, Ma}: 54 -55 37 67 145$

$HIC^*_{e, Ma}: Y75G_100_100_e$

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

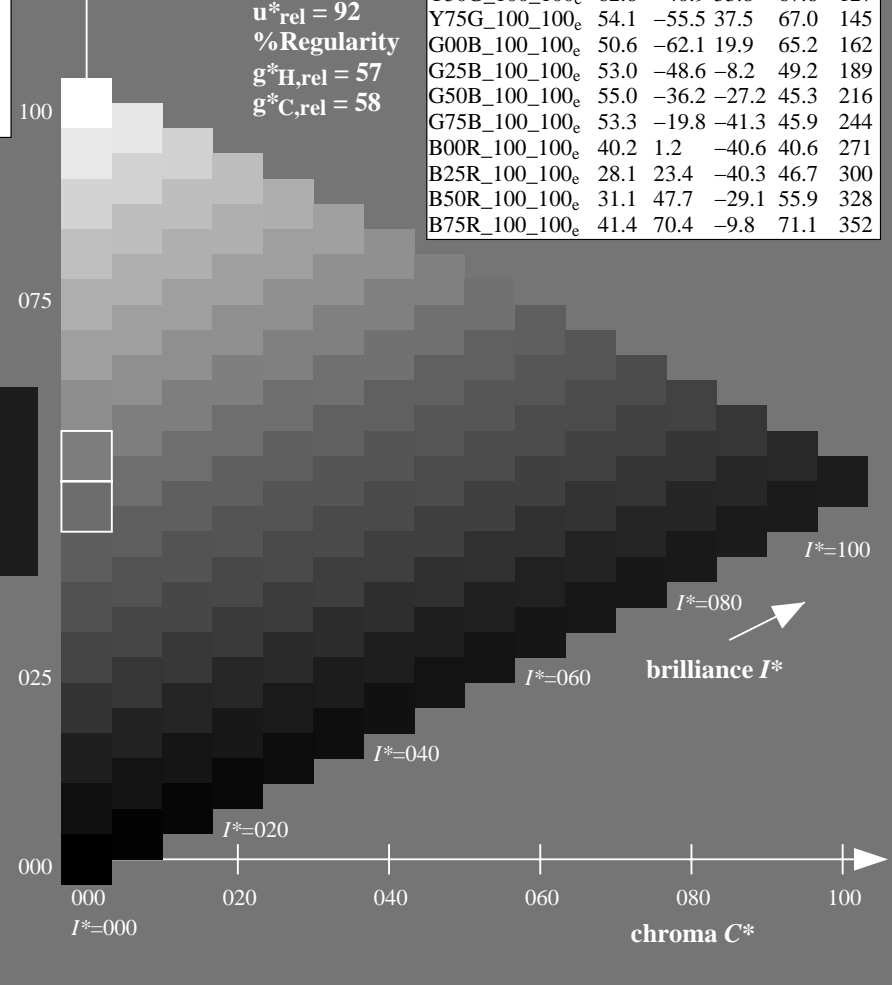
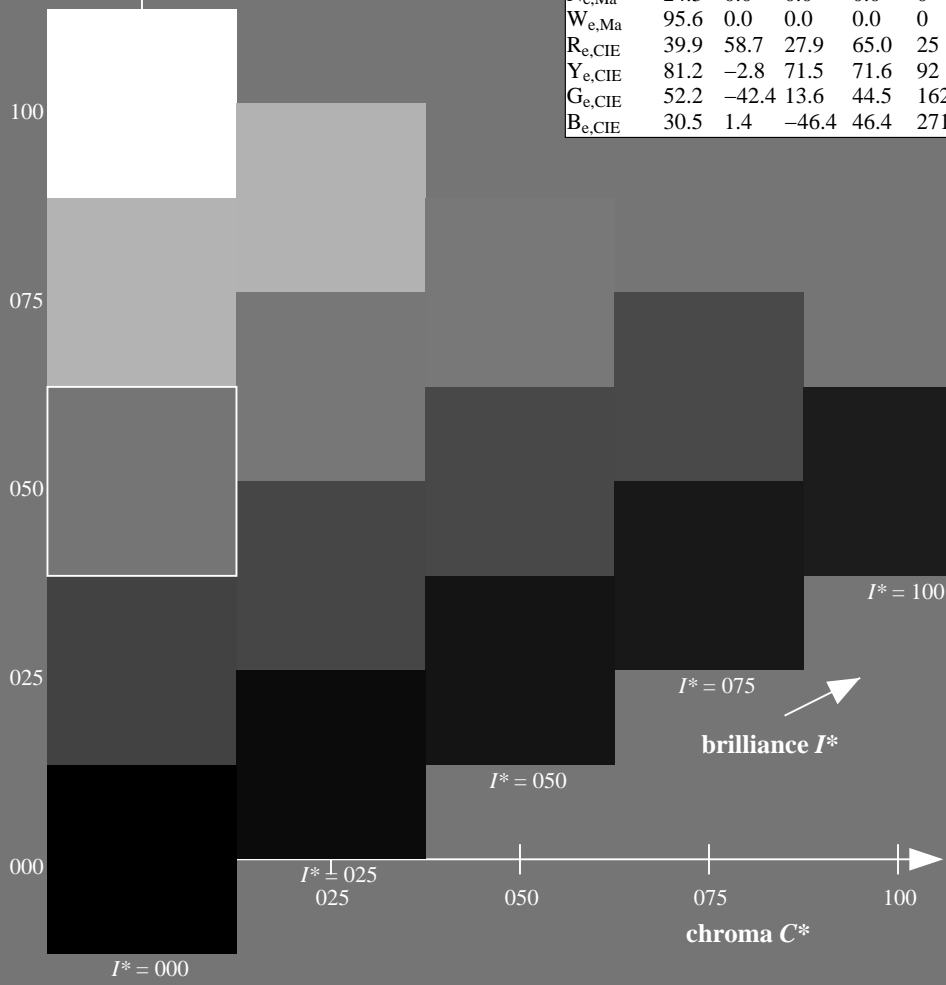
0.1 1.0 0.0 1.0 1.0

triangle lightness T^*

ORS20a; adapted (a) CIELAB data

H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	45.6	72.2	34.4	80.0
R25Y_100_100_e	50.5	59.2	51.6	78.6
R50Y_100_100_e	60.2	38.2	63.4	74.1
R75Y_100_100_e	70.9	17.9	75.9	77.9
Y00G_100_100_e	83.6	-3.6	90.4	90.4
Y25G_100_100_e	74.5	-25.0	74.3	78.4
Y50G_100_100_e	62.6	-40.9	53.8	67.6
Y75G_100_100_e	54.1	-55.5	37.5	67.0
G00B_100_100_e	50.6	-62.1	19.9	65.2
G25B_100_100_e	53.0	-48.6	-8.2	49.2
G50B_100_100_e	55.0	-36.2	-27.2	45.3
G75B_100_100_e	53.3	-19.8	-41.3	45.9
B00R_100_100_e	40.2	1.2	-40.6	40.6
B25R_100_100_e	28.1	23.4	-40.3	46.7
B50R_100_100_e	31.1	47.7	-29.1	55.9
B75R_100_100_e	41.4	70.4	-9.8	71.1

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



see similar files: http://130.149.60.45/~farbmetrik/QE68/QE68L0FP.PDF /.PS; 3D-linearization
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE68/QE68L0FP.PDF /.PS
application for measurement of offset print output, separation $cmY0^*$ (CMY0)
TUB material: code=rh4ta

1-113231-L0 QE680-73

TUB-test chart QE68; hue code: $H^*_e = Y75G_e$
Test chart according to DIN 33872, 3D=1, $de=1$, $cmY0^*$

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

1-113231-F0

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 145/360 = 0.4$

$H^*_e = Y75G_e$

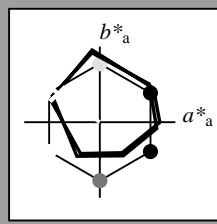
Data for any device (d) or elementary (e) colour:

HIC^*_e

hue text for the colours of this page:

$H^*_e = Y75G_e$

triangle lightness T^*



ORS20a; adapted (a) CIELAB data

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
Re,Ma	45.6	72.2	34.4	80.0	25
Ye,Ma	83.6	-3.6	90.4	90.4	92
Ge,Ma	50.6	-62.1	19.9	65.2	162
Ce,Ma	55.0	-36.2	-27.2	45.3	216
Be,Ma	40.2	1.2	-40.6	40.6	271
Me,Ma	31.1	47.7	-29.1	55.9	328
Ne,Ma	24.3	0.0	0.0	0.0	0
We,Ma	95.6	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	-2.8	71.5	71.6	92
Ge,CIE	52.2	-42.4	13.6	44.5	162
Be,CIE	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):

$LabCh^*_{e, Ma}: 54 -55 37 67 145$

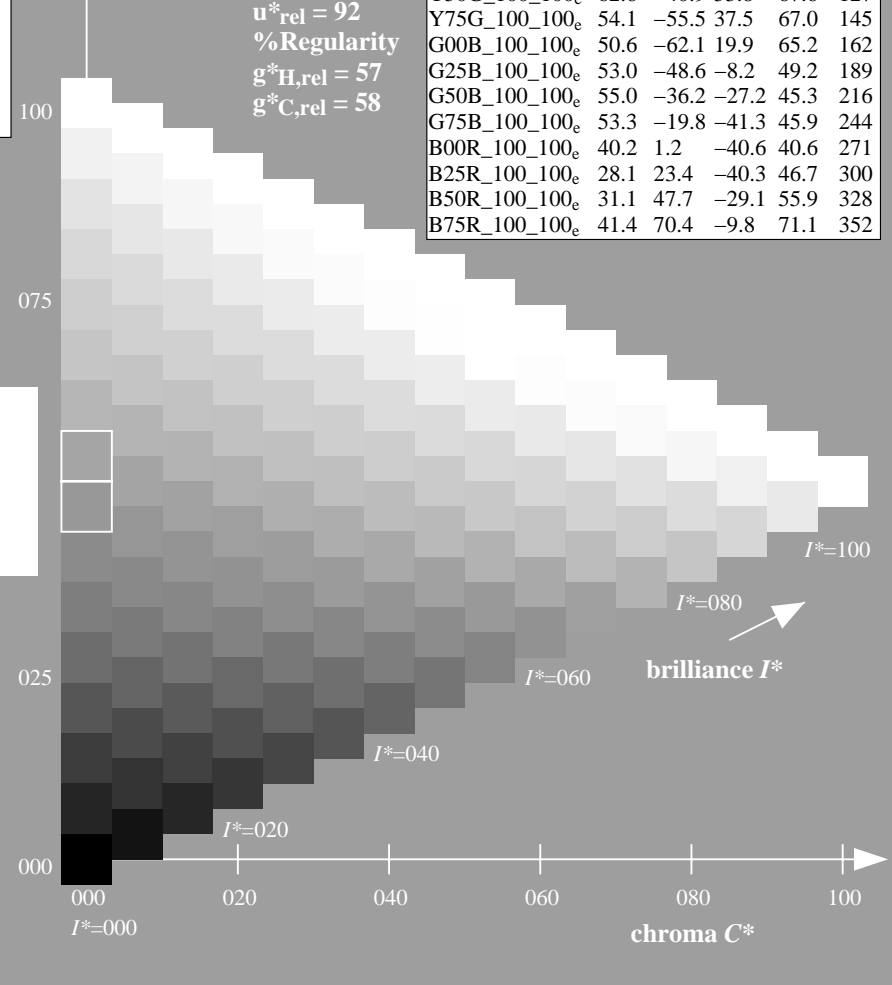
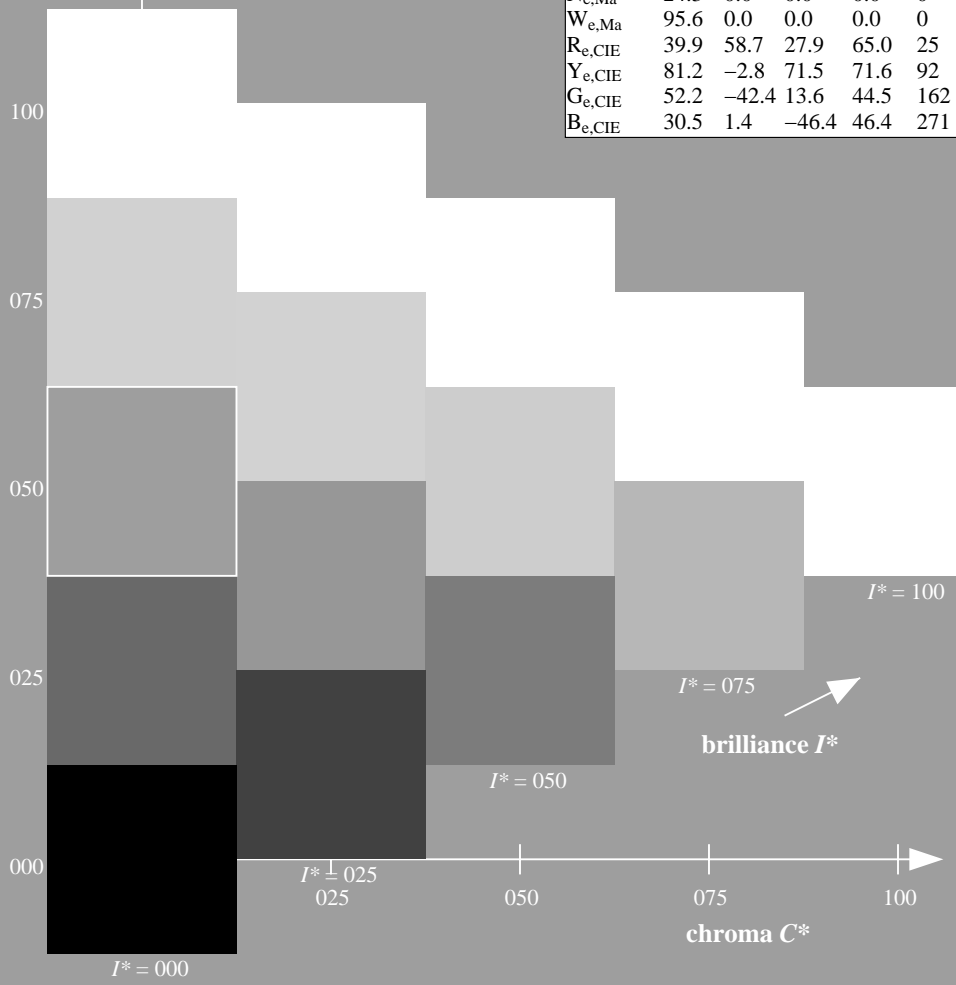
$HIC^*_{e, Ma}: Y75G_100_100_e$

$rgbic^*_{e, Ma}: 0.1 1.0 0.0 1.0 1.0$

triangle lightness T^*

ORS20a; adapted (a) CIELAB data

H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	45.6	72.2	34.4	80.0	25
R25Y_100_100_e	50.5	59.2	51.6	78.6	41
R50Y_100_100_e	60.2	38.2	63.4	74.1	58
R75Y_100_100_e	70.9	17.9	75.9	77.9	76
Y00G_100_100_e	83.6	-3.6	90.4	90.4	92
Y25G_100_100_e	74.5	-25.0	74.3	78.4	108
Y50G_100_100_e	62.6	-40.9	53.8	67.6	127
Y75G_100_100_e	54.1	-55.5	37.5	67.0	145
G00B_100_100_e	50.6	-62.1	19.9	65.2	162
G25B_100_100_e	53.0	-48.6	-8.2	49.2	189
G50B_100_100_e	55.0	-36.2	-27.2	45.3	216
G75B_100_100_e	53.3	-19.8	-41.3	45.9	244
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%Gamut
 $u^*_{rel} = 92$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 58$

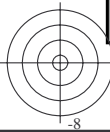
see similar files: <http://130.149.60.45/~farbmetrik/QE68/QE68L0FP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE68/QE68L0FP.PDF / .PS
application for measurement of offset print output, separation $cmY0^*$ (CMY0)
TUB material: code=rh4ta

1-113331-L0 QE680-73

TUB-test chart QE68; hue code: $H^*_e = Y75G_e$
Test chart according to DIN 33872, 3D=1, $de=1$, $cmY0^*$

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



Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 145/360 = 0.4$

$H^*_e = Y75G_e$

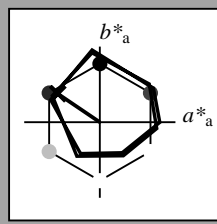
Data for any device (d) or elementary (e) colour:

HIC^*_e

hue text for the colours of this page:

$H^*_e = Y75G_e$

triangle lightness T^*



ORS20a; adapted (a) CIELAB data

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
Re,Ma	45.6	72.2	34.4	80.0	25
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Ge,Ma	50.6	-62.1	19.9	65.2	162
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Me,Ma	31.1	47.7	-29.1	55.9	328
Ne,Ma	24.3	0.0	0.0	0.0	0
We,Ma	95.6	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	-2.8	71.5	71.6	92
Ge,CIE	52.2	-42.4	13.6	44.5	162
Be,CIE	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):

$LabCh^*_{e, Ma}: 54 -55 37 67 145$

$HIC^*_{e, Ma}: Y75G_100_100_e$

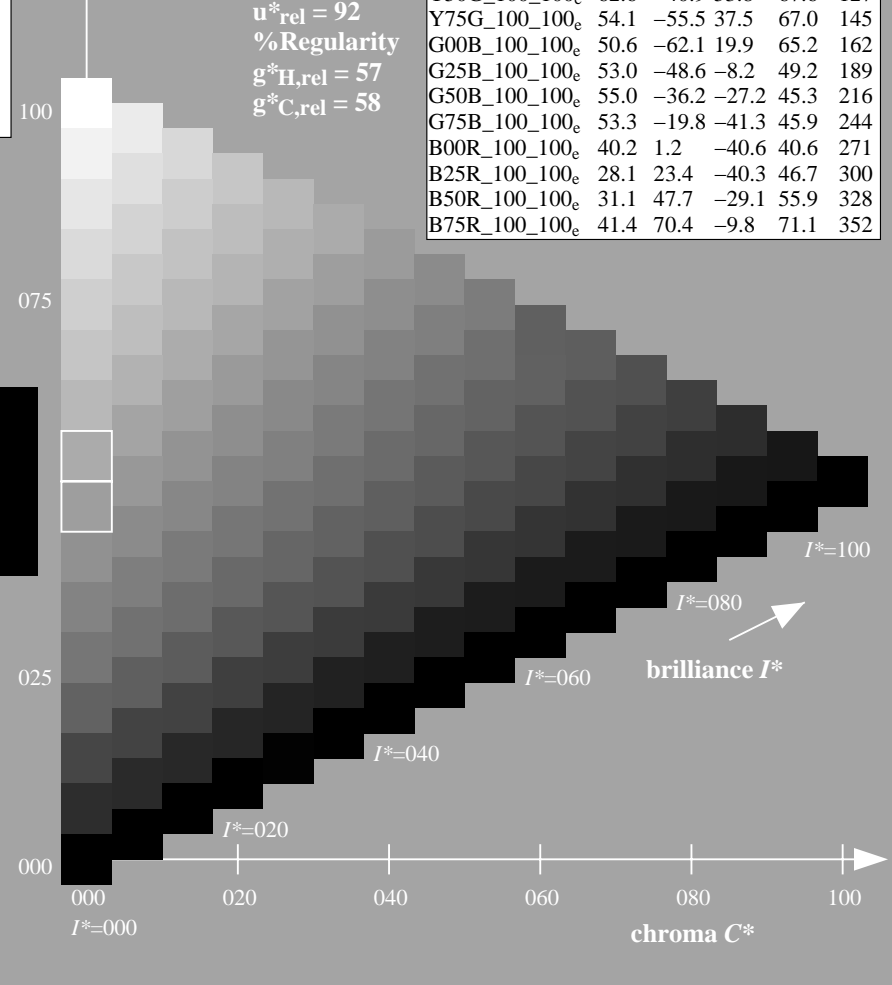
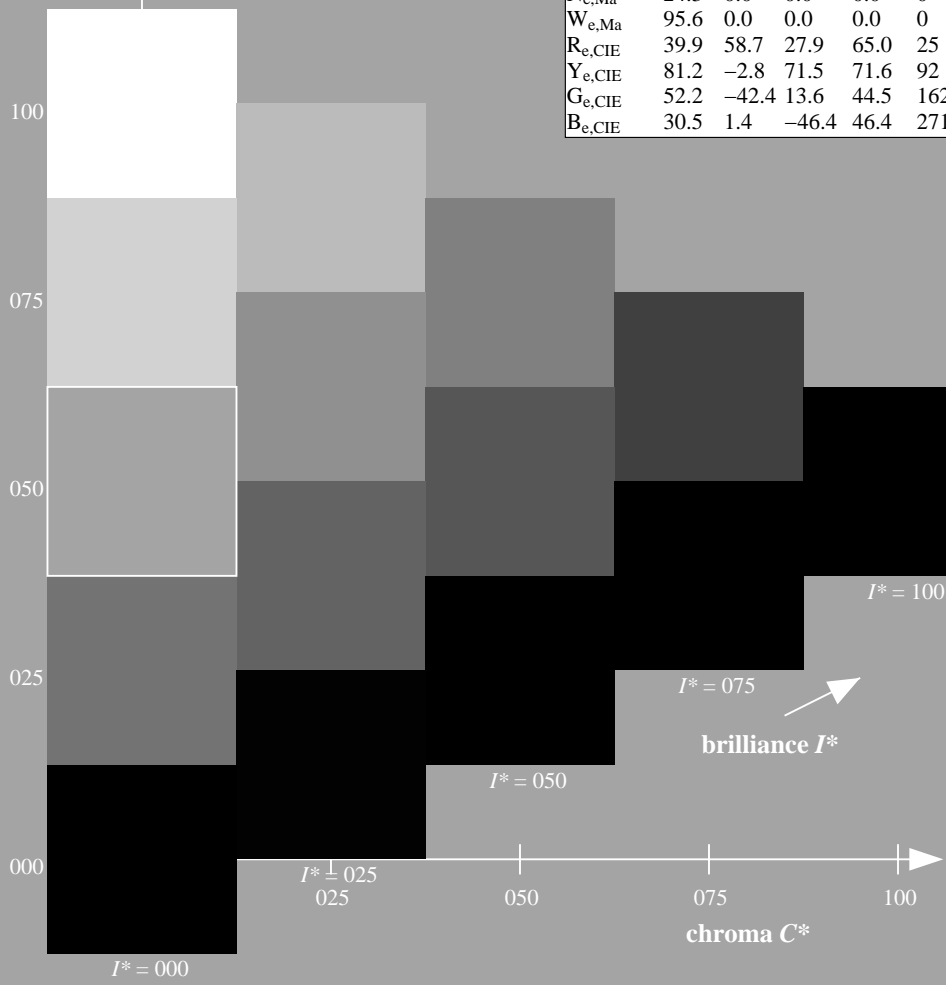
$rgbic^*_{e, Ma}$:

0.1 1.0 0.0 1.0 1.0

triangle lightness T^*

ORS20a; adapted (a) CIELAB data

H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	45.6	72.2	34.4	80.0	25
R25Y_100_100_e	50.5	59.2	51.6	78.6	41
R50Y_100_100_e	60.2	38.2	63.4	74.1	58
R75Y_100_100_e	70.9	17.9	75.9	77.9	76
Y00G_100_100_e	83.6	-3.6	90.4	90.4	92
Y25G_100_100_e	74.5	-25.0	74.3	78.4	108
Y50G_100_100_e	62.6	-40.9	53.8	67.6	127
Y75G_100_100_e	54.1	-55.5	37.5	67.0	145
G00B_100_100_e	50.6	-62.1	19.9	65.2	162
G25B_100_100_e	53.0	-48.6	-8.2	49.2	189
G50B_100_100_e	55.0	-36.2	-27.2	45.3	216
G75B_100_100_e	53.3	-19.8	-41.3	45.9	244
B00R_100_100_e	40.2	1.2	-40.6	40.6	271
B25R_100_100_e	28.1	23.4	-40.3	46.7	300
B50R_100_100_e	31.1	47.7	-29.1	55.9	328
B75R_100_100_e	41.4	70.4	-9.8	71.1	352



see similar files: <http://130.149.60.45/~farbmetrik/QE68/QE68L0FP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE68/QE68L0FP.PDF / .PS
application for measurement of offset print output, separation $cmY0^*$ (CMY0)
TUB material: code=rh4ta

1-113431-L0 QE680-73

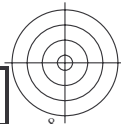
TUB-test chart QE68; hue code: $H^*_e=Y75G_e$
Test chart according to DIN 33872, 3D=1, $de=1$, $cmY0^*$

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

1-113431-F0

TUB registration: 20130201-QE68/QE68L0FP.PDF /.PS TUB material: code=rh4ta
application for measurement of offset print output, separation $cmY0^*$ (CMY0)

see similar files: <http://130.149.60.45/~farbmetrik/QE68/QE68.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



1-113531-L0 QE680-73

TUB-test chart QE68; hue code: $H^*_e=Y75G_e$
Test chart according to DIN 33872, 3D=1, $de=1$, $cmY0^*$

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

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

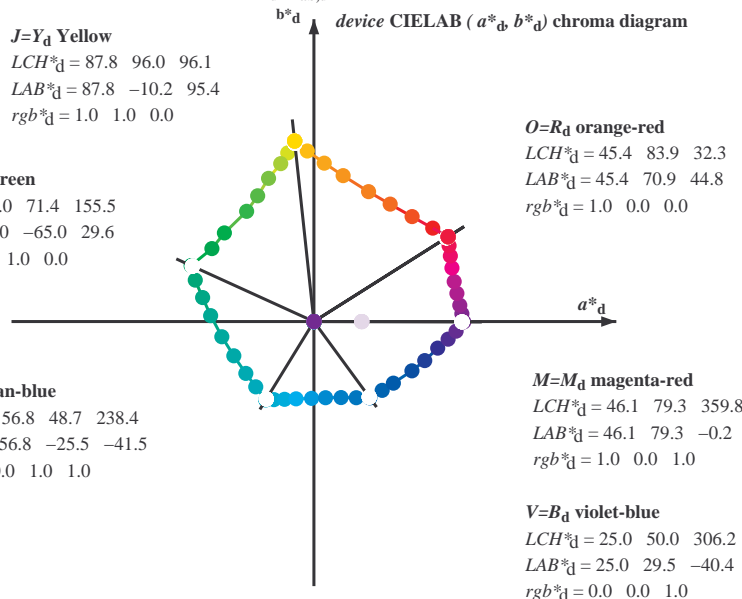
$LCH^*_d = 87.8 \ 96.0 \ 96.1$
 $LAB^*_d = 87.8 \ -10.2 \ 95.4$
 $rgb^*_d = 1.0 \ 1.0 \ 0.0$

$L=G_d$ 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

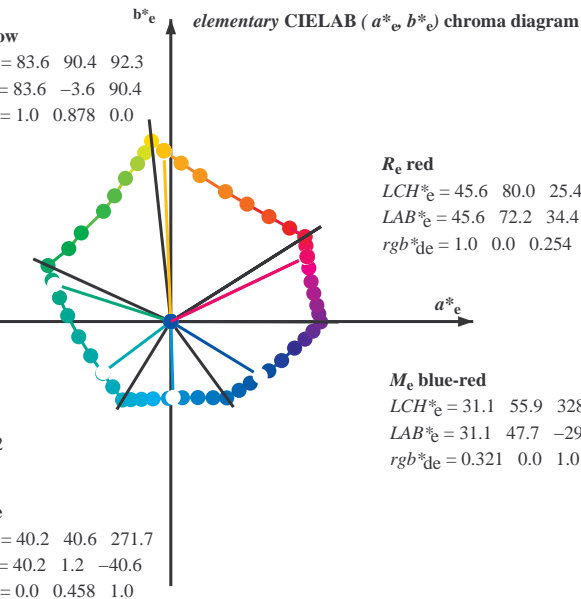
$LCH^*_e = 50.6 \ 65.2 \ 162.2$
 $LAB^*_e = 50.6 \ -62.1 \ 19.9$
 $rgb^*_{de} = 0.0 \ 1.0 \ 0.151$

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

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



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

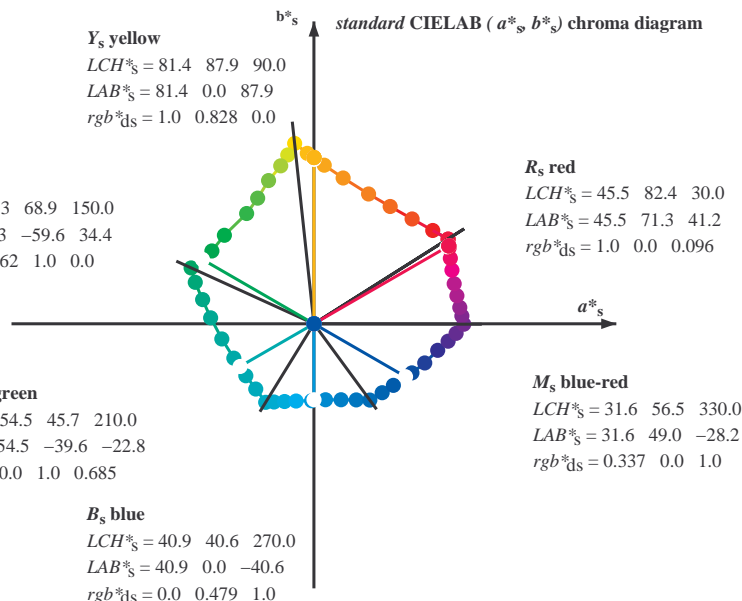
$LCH^*_e = 31.1 \ 55.9 \ 328.6$
 $LAB^*_e = 31.1 \ 47.7 \ -29.1$
 $rgb^*_{de} = 0.321 \ 0.0 \ 1.0$

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)

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

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

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

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

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

$$h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$
- 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.
- The values rgb^*_{de} produce the output of the device-independent elementary hues

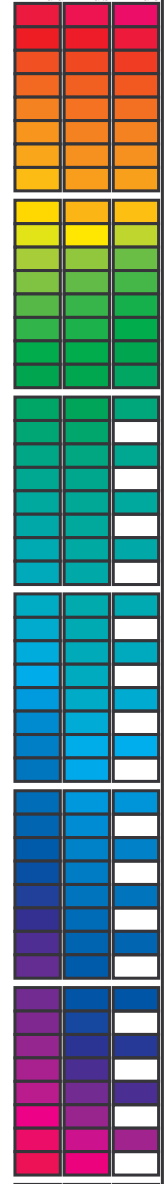
see similar files: <http://130.149.60.45/~farbmetrik/QE68/QE68.HTM>
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE68/QE68L0FP.PDF /.PS
 application for measurement of offset print output, separation cmy0* (CMY0)
 TUB material: code=rh4ta

http://130.149.60.45/~farbmetrik/QE68/QE68L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization QE68/QE68LE30FP.DAT in file (F), page 8/33

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

Table with 25 columns: h_{ab,d}, h_{ab,s}, h_{ab,e}, r_{gb}*_{dd}64M, LAB*_{ddx64M} (x=LabCh), r_{gb}*_{ddx361M}, LAB*_{ddx361M} (x=LabCh), r_{gb}*_{dsx361M}, LAB*_{dsx361M} (x=LabCh), r_{gb}*_{dex361M}, LAB*_{dex361M}. Rows contain numerical data for various color points.



TUB registration: 20130201-QE68/QE68L0FP.PDF /.PS
application for measurement of offset print output, separation cmy0* (CMY0)
TUB material: code=rh4ta

see similar files: http://130.149.60.45/~farbmetrik/QE68/QE68L0FP.PDF /.PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1=113731=L0 QE680-73 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

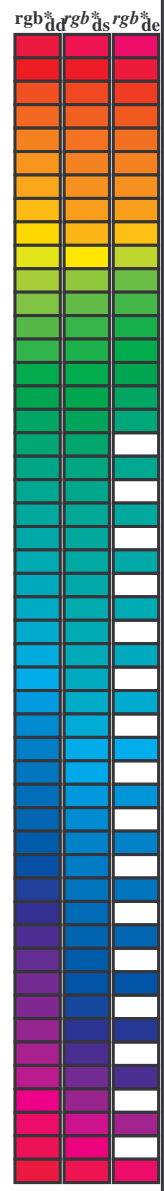
Output: Offset standard print; separation cmy0*, D65, page 8/33

TUB-test chart QE68; hue code: H*_e=Y75G_e
48 step hue circles; r_{gb}-LabCh*tables

input: r_{gb}/cmyk -> r_{gb}_{de}
output: 3D-linearization to cmy0*_{de}

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_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 ^{ab} _{dd64M}	LAB ^{ab} _{dd64M (x=LabCh)}	rgb ^{ab} _{dex361M}	LAB ^{ab} _{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 0.255	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	0.847 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	0.009 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	0.12 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	0.231 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	0.322 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	0.408 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	0.539 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	0.667 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	0.736 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	0.81 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	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	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

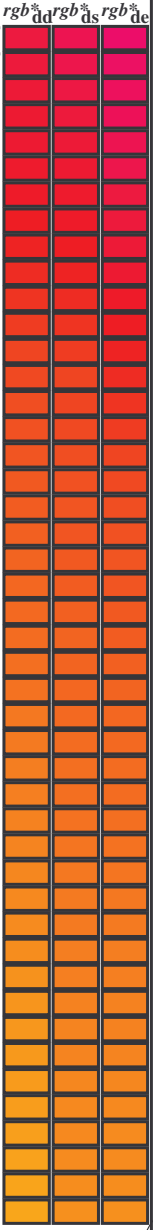


see similar files: http://130.149.60.45/~farbmetrik/QE68/QE68L0FP.PDF /.PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE68/QE68L0FP.PDF /.PS
application for measurement of offset print output, separation cmy0* (CMY0)
TUB material: code=rh4ta

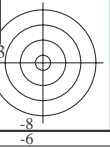
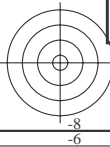
Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGCBM_S: *h_{ab,ds}* = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours RYGCBM_d: *h_{ab,d}* = 32.3, 96.1, 155.5, 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

Table with columns for colorimetric data: h_{ab,d}, h_{ab,s}, h_{ab,e}, r_{gb}*_dd361M, LAB*_dex361Mi (x=LabCh), R_d, r_{gb}*_ds361Mi, LAB*_dsx361Mi (x=LabCh), R_s, r_{gb}*_dd361Mi, LAB*_de361Mi, LAB*_dex361Mi (x=LabCh), R_e, r_{gb}*_dd361Mi, and r_{gb}*_ds361Mi. Rows 32-86.



see similar files: <http://130.149.60.45/~farbmetrik/QE68/QE68.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE68/QE68L0FP.PDF /.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 [*] _{dd361Mi (x=LabCh)}	rgb [*] _{ds361Mi}	LAB [*] _{dsx361Mi (x=LabCh)}	rgb [*] _{de361Mi}	LAB [*] _{dex361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	rgb [*] _{dd361Mi}	rgb [*] _{dd361Mi}	rgb [*] _{dd361Mi}	rgb [*] _{dd361Mi}
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/QE68/QE68.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE68/QE68L0FP.PDF /.PS
application for measurement of offset print output, separation cmy0* (CMY0)
TUB material: code=rha4ta

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

Table with 34 columns: h_{ab,d}, h_{ab,s}, h_{ab,e}, r_{gb}^{*}dd361M, LAB^{*}ddx361Mi (x=LabCh), r_{gb}^{*}ds361Mi, LAB^{*}dsx361Mi (x=LabCh), r_{gb}^{*}de361Mi, LAB^{*}dex361Mi (x=LabCh), r_{gb}^{*}de361Mi, LAB^{*}de361Mi, B_d, B_s, B_e. Rows 289-340.

TUB-test chart QE68; hue code: H*_e=Y75G_e
48 step hue circles; r_{gb}-LabCh*tables

input: r_{gb}/cmyk -> r_{gb}_{de}
output: 3D-linearization to cmy0*_{de}

TUB registration: 20130201-QE68/QE68L0FP.PDF /.PS
application for measurement of offset print output, separation cmy0* (CMY0)
TUB material: code=rha4ta

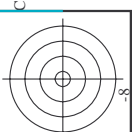
see similar files: http://130.149.60.45/~farbmetrik/QE68/QE68L0FP.PDF /.PS; 3D-linearization
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

Data of Maximum color M in colorimetric system Offset standard print; separation 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^*_d	$dd361M$	LAB*	$dsx361Mi$ (x=LabCh)	rgb^*_s	$ds361Mi$	LAB*	$dsx361Mi$ (x=LabCh)	rgb^*_e	$dd361Mi$	LAB*	$dex361Mi$ (x=LabCh)	rgb^*_e	$dd361Mi$	rgb^*_d	rgb^*_s	rgb^*_e																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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	0.0	0.089	1.0	27.6	24.4	-40.3	47.2	301	0.517	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	0.0	0.056	1.0	26.7	26.3	-40.4	48.3	303	0.55	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	0.0	0.021	1.0	25.7	28.3	-40.4	49.4	305	0.583	0.0	1.0	0.0	0.004	1.0	25.2	29.4	-40.3	50.0	306	0.6	0.0	1.0	0.011	0.0	1.0	25.3	30.2	-40.0	50.2	307	0.617	0.0	1.0	0.026	0.0	1.0	25.7	31.0	-39.6	50.3	308	0.633	0.0	1.0	0.041	0.0	1.0	26.0	31.8	-39.1	50.5	309	0.65	0.0	1.0	0.056	0.0	1.0	26.3	32.5	-38.7	50.6	310	0.667	0.0	1.0	0.07	0.0	1.0	26.7	33.3	-38.2	50.8	311	0.683	0.0	1.0	0.085	0.0	1.0	27.0	34.1	-37.7	50.9	312	0.7	0.0	1.0	0.114	0.0	1.0	27.3	34.8	-37.2	51.0	313	0.717	0.0	1.0	0.13	0.0	1.0	27.7	35.5	-36.7	51.2	314	0.733	0.0	1.0	0.146	0.0	1.0	27.9	36.3	-36.2	51.3	315	0.75	0.0	1.0	0.163	0.0	1.0	28.1	37.1	-35.7	51.6	316	0.767	0.0	1.0	0.18	0.0	1.0	28.2	37.9	-35.3	51.8	317	0.783	0.0	1.0	0.197	0.0	1.0	28.3	38.7	-34.8	52.1	318	0.8	0.0	1.0	0.213	0.0	1.0	28.5	39.5	-34.2	52.4	319	0.817	0.0	1.0	0.23	0.0	1.0	28.6	40.3	-33.7	52.6	320	0.833	0.0	1.0	0.247	0.0	1.0	28.7	41.1	-33.2	52.9	321	0.85	0.0	1.0	0.259	0.0	1.0	28.8	41.9	-32.6	53.1	322	0.867	0.0	1.0	0.27	0.0	1.0	28.9	42.7	-32.1	53.5	323	0.883	0.0	1.0	0.282	0.0	1.0	29.2	43.7	-31.6	54.0	324	0.9	0.0	1.0	0.293	0.0	1.0	29.5	44.6	-31.1	54.4	325	0.917	0.0	1.0	0.304	0.0	1.0	29.9	45.5	-30.6	54.8	326	0.933	0.0	1.0	0.315	0.0	1.0	30.2	46.4	-30.0	55.3	327	0.95	0.0	1.0	0.326	0.0	1.0	30.9	47.2	-29.4	55.7	328	0.967	0.0	1.0	0.337	0.0	1.0	30.9	48.1	-28.8	56.1	329	0.983	0.0	1.0	0.349	0.0	1.0	31.3	49.0	-28.2	56.6	330	M_d	0.337	0.0	1.0	31.6	49.0	-28.2	56.6	330	M_s	1.0	0.0	1.0	0.322	0.0	1.0	31.1	47.8	-29.1	56.0	328	M_e	1.0	0.0	1.0	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	0.36	0.0	1.0	32.3	50.7	-26.9	57.5	332	1.0	0.0	0.967	0.371	0.0	1.0	33.0	52.5	-25.5	58.4	334	1.0	0.0	0.933	0.386	0.0	1.0	33.4	53.5	-24.8	59.0	335	1.0	0.0	0.917	0.404	0.0	1.0	33.8	54.4	-24.1	59.6	336	1.0	0.0	0.9	0.421	0.0	1.0	34.2	55.4	-23.4	60.1	337	1.0	0.0	0.883	0.438	0.0	1.0	34.6	56.3	-22.6	60.7	338	1.0	0.0	0.867	0.456	0.0	1.0	35.0	57.2	-21.9	61.3	339	1.0	0.0	0.85	0.473	0.0	1.0	35.4	58.1	-21.1	61.9	340	1.0	0.0	0.833	0.491	0.0	1.0	35.8	59.1	-20.2	62.5	341	1.0	0.0	0.817	0.508	0.0	1.0	36.1	60.0	-19.4	63.1	342	1.0	0.0	0.8	0.525	0.0	1.0	36.4	61.0	-18.5	63.8	343	1.0	0.0	0.783	0.542	0.0	1.0	36.8	61.9	-17.7	64.4	344	1.0	0.0	0.767	0.559	0.0	1.0	37.1	62.9	-16.7	65.1	345	1.0	0.0	0.75	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

see similar files: http://130.149.60.45/~farbmetrik/QE68/QE68L0FP.PDF /.PS; 3D-linearization
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE68/QE68L0FP.PDF /.PS
application for measurement of offset print output, separation cmy0* (CMY0)
TUB material: code=rha4ta



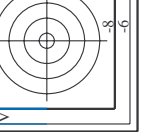
http://130.149.60.45/~farbmetrik/QE68/QE68L0FP.PDF / PS; 3D-linearization F: 3D-linearization QE68/QE68LE30FP.DAT in file (F), page 18/33

Table with 25 columns: njf, HHC*File, rgp_Rate, icr_File, Hst_File, rgp*File, LabCM*File, cmy0*_sep_Rate, rmp*File, LabCM*File, Hst*File, rmp*File, LabCM*File, delta. The table contains 48 rows of color data for various color patches.

Mean color difference of this page:

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

TUB-test chart QE68; hue code: H*_e=Y75Ge
colors and differences, ΔE*_*



http://130.149.60.45/~farbmetrik/QE68/QE68L0FP.PDF /.PS; 3D-linearization F: 3D-linearization QE68/QE68LE30FP.DAT in file (F), page 19/33

Table with columns: n/f, HHC*File, RGY*_File, iCT*_File, iHS*_File, iRG*_File, LabC*_File, LabM*_File, LabY*_File, LabK*_File, LabM*_File, LabY*_File, LabK*_File, LabM*_File, LabY*_File, LabK*_File, LabM*_File, LabY*_File, LabK*_File. The table contains 45 rows of colorimetric data for various color patches and registration marks.

Mean color difference of this page: delta

TUB-test chart QE68; hue code: H*_e=Y75Ge colors and differences, ΔE*_a*

input: rgb/cmyk -> rgbde output: 3D-linearization to cmy0*de

TUB registration: 20130201-QE68/QE68L0FP.PDF /.PS TUB material: code=rha4ta application for measurement of offset print output, separation cmy0* (CMY0)

http://130.149.60.45/~farbmetrik/QE68/QE68L0FP.PDF /.PS; 3D-linearization F: 3D-linearization QE68/QE68LE30FP.DAT in file (F), page 21/33

Table with 16 columns: n, HHC*File, rgb_Role, icr_File, Hsa_Fate, rgp*File, LabC*File, LabC*File, cmy*Sep, cmy*Sep, Hsa*File, Hsa*File, LabC*File, LabC*File, delta. Rows 81-161.

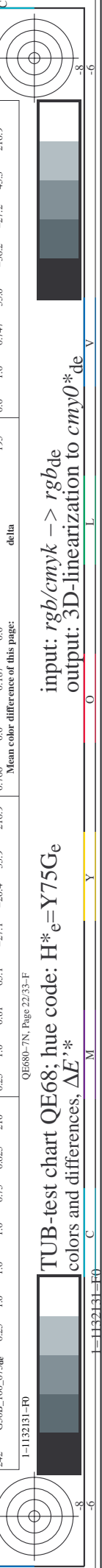
Mean color difference of this page: 0.895. Input: rgb/cmyk -> rgbd. Output: 3D-linearization to cmy0* de.

Table with columns: n, HHC*File, rgb_Rate, iet_Rate, hsa_Rate, rgb*Rate, LabC*File, LabC*Rate, cmy0*sep_Rate, hsa*Rate, rgb*Rate, LabC*File, LabC*Rate, delta

Table with columns: n, HHC*File, rgb_Rate, iet_Rate, hsa_Rate, rgb*Rate, LabC*File, LabC*Rate, cmy0*sep_Rate, hsa*Rate, rgb*Rate, LabC*File, LabC*Rate, delta

Table with columns: n, HHC*File, rgb_Rate, iet_Rate, hsa_Rate, rgb*Rate, LabC*File, LabC*Rate, cmy0*sep_Rate, hsa*Rate, rgb*Rate, LabC*File, LabC*Rate, delta

Table with columns: n, HHC*File, rgb_Rate, iet_Rate, hsa_Rate, rgb*Rate, LabC*File, LabC*Rate, cmy0*sep_Rate, hsa*Rate, rgb*Rate, LabC*File, LabC*Rate, delta



input: rgb/cmyk -> rgbde output: 3D-linearization to cmy0*de

TUB-test chart QE68; hue code: H*e=Y75Ge colors and differences, ΔE*

Mean color difference of this page: delta

QE680-TN; Page 22/33-F

QE68LIL

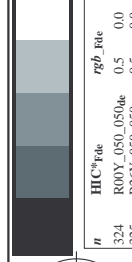


TUB registration: 20130201-QE68/QE68LOFP.PDF /PS application for measurement of offset print output, separation cmy0* (CMY0)

TUB material: code=rha4ta



http://130.149.60.45/~farbmetrik/QE68/QE68LOFP.PDF /PS; 3D-linearization F: 3D-linearization QE68/QE68LE30FP.DAT in file (F), page 24/33



see similar files: http://130.149.60.45/~farbmetrik/QE68/QE68.HTM technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

Table with 10 columns: n, HHC*Rate, rpb*Rate, iet*Rate, hsa*Rate, rpb**Rate, LabCM*Rate, cmy**SepRate, hsa**Rate, rpb**Rate, LabCM*Rate, delta. Rows represent color patches 324 to 404.

Mean color difference of this page:

input: rgb/cmyk -> rgbdelta output: 3D-linearization to cmy0*delta

QE680-TN; Page 24/33-F

TUB-test chart QE68; hue code: H*e=Y75Ge colors and differences, ΔE*_{ab}

I-1132331-F0



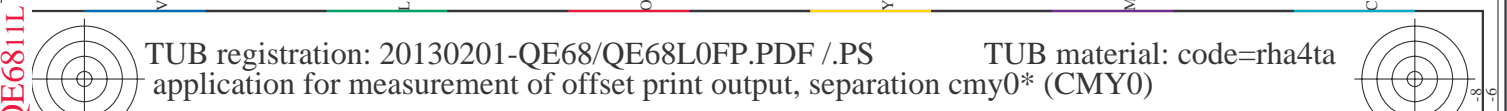
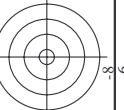


Table with columns: n, HHC*File, rpb_Role, iet_File, ihs_File, rgpb*File, LabCh*File, cmy0*_sep,File, rgs*File, LabCh*File, Hm*File, rgpb*File, LabCh*File. Each row represents a color patch with various colorimetric values.

Table with 14 columns: n, HHC*File, rgb*File, iCt*File, Hs*File, rgb*File, LabC*File, LabC*File, cmy*sep,File, cmy*sep,File, Hs*File, rgb*File, LabC*File, LabC*File. Rows include color names like R001, R002, Y001, etc.

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



http://130.149.60.45/~farbmetrik/QE68/QE68L0FP.PDF /.PS; 3D-linearization F: 3D-linearization QE68/QE68L0FP.DAT in file (F), page 29/33

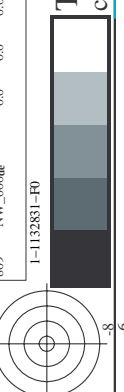
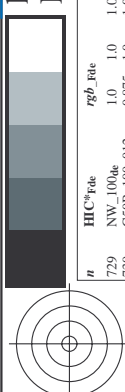


Table with 10 columns: n, H#C*Fde, rpb*Fde, icr*Fde, H#s*Fde, rpb*Fde, LabC*Fde, LabCH*Fde, cmyp*sepp, rpb*Fde, H#s*Fde, rpb*Fde, LabCH*Fde, LabCH*Fde, Mean color difference of this page: delta. Rows include color patches like NV_100de, G50B_100.02de, etc.

see similar files: http://130.149.60.45/~farbmetrik/QE68/QE68L0FP.PDF /.PS technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

input: rgb/cmyk -> rgbde output: 3D-linearization to cmy0*de

Table with 28 columns: n, Hh*F, rpb, iet, hsa, rgpb, LabC0, LabC0F, LabC0*F, cmy0*, cmy0*sep, hsa, hsaF, hsaF, rpb, LabC0, LabC0F, LabC0*F, delta. The table contains 100 rows of color calibration data for various color patches.

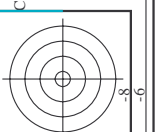
see similar files: http://130.149.60.45/~farbmetrik/QE68/QE68.HTM technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB-test chart QE68; hue code: H*e=Y75Ge colors and differences, ΔE*_a*

input: rgb/cmyk -> rgbdelta output: 3D-linearization to cmy0*de

Mean color difference of this page:

Mean color difference of this page:

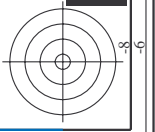
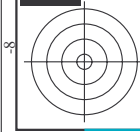


http://130.149.60.45/~farbmetrik/QE68/QE68L0FP.PDF /.PS; 3D-linearization
 F: 3D-linearization QE68/QE68L30FP.DAT in file (F), page 32/33

n	HC*File	rgb*File	iet*File	hsa*File	rgb*File	LabCIE*File	cmy0*sep*File	hsa*File	rgb*File	LabCIE*File
972	NW_0000de	0.00	0.00	0.00	0.00	0.00	0.00	360	1.0	1.0
973	NW_0120de	0.125	0.125	0.125	0.125	33.2	0.0	0.885	1.0	1.0
974	NW_0240de	0.25	0.25	0.25	0.25	42.1	0.0	0.774	1.0	1.0
975	NW_0360de	0.375	0.375	0.375	0.375	51.0	0.0	0.587	1.0	1.0
976	NW_0480de	0.5	0.5	0.5	0.5	60.0	0.0	0.473	1.0	1.0
977	NW_0600de	0.625	0.625	0.625	0.625	68.9	0.0	0.356	1.0	1.0
978	NW_0720de	0.75	0.75	0.75	0.75	77.8	0.0	0.239	1.0	1.0
979	NW_0840de	0.875	0.875	0.875	0.875	86.7	0.0	0.121	1.0	1.0
980	NW_1000de	1.0	1.0	1.0	1.0	95.6	0.0	0.0	1.0	1.0
981	NW_0000de	0.00	0.00	0.00	0.00	0.00	0.00	0.0	1.0	1.0
982	NW_0120de	0.125	0.125	0.125	0.125	33.2	0.0	0.885	1.0	1.0
983	NW_0240de	0.25	0.25	0.25	0.25	42.1	0.0	0.774	1.0	1.0
984	NW_0360de	0.375	0.375	0.375	0.375	51.0	0.0	0.587	1.0	1.0
985	NW_0480de	0.5	0.5	0.5	0.5	60.0	0.0	0.473	1.0	1.0
986	NW_0600de	0.625	0.625	0.625	0.625	68.9	0.0	0.356	1.0	1.0
987	NW_0720de	0.75	0.75	0.75	0.75	77.8	0.0	0.239	1.0	1.0
988	NW_0840de	0.875	0.875	0.875	0.875	86.7	0.0	0.121	1.0	1.0
989	NW_1000de	1.0	1.0	1.0	1.0	95.6	0.0	0.0	1.0	1.0
990	NW_0000de	0.00	0.00	0.00	0.00	0.00	0.00	0.0	1.0	1.0
991	NW_0120de	0.125	0.125	0.125	0.125	33.2	0.0	0.885	1.0	1.0
992	NW_0240de	0.25	0.25	0.25	0.25	42.1	0.0	0.774	1.0	1.0
993	NW_0360de	0.375	0.375	0.375	0.375	51.0	0.0	0.587	1.0	1.0
994	NW_0480de	0.5	0.5	0.5	0.5	60.0	0.0	0.473	1.0	1.0
995	NW_0600de	0.625	0.625	0.625	0.625	68.9	0.0	0.356	1.0	1.0
996	NW_0720de	0.75	0.75	0.75	0.75	77.8	0.0	0.239	1.0	1.0
997	NW_0840de	0.875	0.875	0.875	0.875	86.7	0.0	0.121	1.0	1.0
998	NW_1000de	1.0	1.0	1.0	1.0	95.6	0.0	0.0	1.0	1.0
999	NW_0000de	0.00	0.00	0.00	0.00	0.00	0.00	0.0	1.0	1.0
1000	NW_0120de	0.125	0.125	0.125	0.125	33.2	0.0	0.885	1.0	1.0
1001	NW_0240de	0.25	0.25	0.25	0.25	42.1	0.0	0.774	1.0	1.0
1002	NW_0360de	0.375	0.375	0.375	0.375	51.0	0.0	0.587	1.0	1.0
1003	NW_0480de	0.5	0.5	0.5	0.5	60.0	0.0	0.473	1.0	1.0
1004	NW_0600de	0.625	0.625	0.625	0.625	68.9	0.0	0.356	1.0	1.0
1005	NW_0720de	0.75	0.75	0.75	0.75	77.8	0.0	0.239	1.0	1.0
1006	NW_0840de	0.875	0.875	0.875	0.875	86.7	0.0	0.121	1.0	1.0
1007	NW_1000de	1.0	1.0	1.0	1.0	95.6	0.0	0.0	1.0	1.0
1008	NW_0000de	0.00	0.00	0.00	0.00	0.00	0.00	0.0	1.0	1.0
1009	NW_0120de	0.125	0.125	0.125	0.125	33.2	0.0	0.885	1.0	1.0
1010	NW_0240de	0.25	0.25	0.25	0.25	42.1	0.0	0.774	1.0	1.0
1011	NW_0360de	0.375	0.375	0.375	0.375	51.0	0.0	0.587	1.0	1.0
1012	NW_0480de	0.5	0.5	0.5	0.5	60.0	0.0	0.473	1.0	1.0
1013	NW_0600de	0.625	0.625	0.625	0.625	68.9	0.0	0.356	1.0	1.0
1014	NW_0720de	0.75	0.75	0.75	0.75	77.8	0.0	0.239	1.0	1.0
1015	NW_0840de	0.875	0.875	0.875	0.875	86.7	0.0	0.121	1.0	1.0
1016	NW_1000de	1.0	1.0	1.0	1.0	95.6	0.0	0.0	1.0	1.0
1017	NW_0000de	0.00	0.00	0.00	0.00	0.00	0.00	0.0	1.0	1.0
1018	NW_0120de	0.125	0.125	0.125	0.125	33.2	0.0	0.885	1.0	1.0
1019	NW_0240de	0.25	0.25	0.25	0.25	42.1	0.0	0.774	1.0	1.0
1020	NW_0360de	0.375	0.375	0.375	0.375	51.0	0.0	0.587	1.0	1.0
1021	NW_0480de	0.5	0.5	0.5	0.5	60.0	0.0	0.473	1.0	1.0
1022	NW_0600de	0.625	0.625	0.625	0.625	68.9	0.0	0.356	1.0	1.0
1023	NW_0720de	0.75	0.75	0.75	0.75	77.8	0.0	0.239	1.0	1.0
1024	NW_0840de	0.875	0.875	0.875	0.875	86.7	0.0	0.121	1.0	1.0
1025	NW_1000de	1.0	1.0	1.0	1.0	95.6	0.0	0.0	1.0	1.0
1026	NW_0000de	0.00	0.00	0.00	0.00	0.00	0.00	0.0	1.0	1.0
1027	NW_0120de	0.125	0.125	0.125	0.125	33.2	0.0	0.885	1.0	1.0
1028	NW_0240de	0.25	0.25	0.25	0.25	42.1	0.0	0.774	1.0	1.0
1029	NW_0360de	0.375	0.375	0.375	0.375	51.0	0.0	0.587	1.0	1.0
1030	NW_0480de	0.5	0.5	0.5	0.5	60.0	0.0	0.473	1.0	1.0
1031	NW_0600de	0.625	0.625	0.625	0.625	68.9	0.0	0.356	1.0	1.0
1032	NW_0720de	0.75	0.75	0.75	0.75	77.8	0.0	0.239	1.0	1.0
1033	NW_0840de	0.875	0.875	0.875	0.875	86.7	0.0	0.121	1.0	1.0
1034	NW_1000de	1.0	1.0	1.0	1.0	95.6	0.0	0.0	1.0	1.0
1035	NW_0000de	0.00	0.00	0.00	0.00	0.00	0.00	0.0	1.0	1.0
1036	NW_0120de	0.125	0.125	0.125	0.125	33.2	0.0	0.885	1.0	1.0
1037	NW_0240de	0.25	0.25	0.25	0.25	42.1	0.0	0.774	1.0	1.0
1038	NW_0360de	0.375	0.375	0.375	0.375	51.0	0.0	0.587	1.0	1.0
1039	NW_0480de	0.5	0.5	0.5	0.5	60.0	0.0	0.473	1.0	1.0
1040	NW_0600de	0.625	0.625	0.625	0.625	68.9	0.0	0.356	1.0	1.0
1041	NW_0720de	0.75	0.75	0.75	0.75	77.8	0.0	0.239	1.0	1.0
1042	NW_0840de	0.875	0.875	0.875	0.875	86.7	0.0	0.121	1.0	1.0
1043	NW_1000de	1.0	1.0	1.0	1.0	95.6	0.0	0.0	1.0	1.0
1044	NW_0000de	0.00	0.00	0.00	0.00	0.00	0.00	0.0	1.0	1.0
1045	NW_0120de	0.125	0.125	0.125	0.125	33.2	0.0	0.885	1.0	1.0
1046	NW_0240de	0.25	0.25	0.25	0.25	42.1	0.0	0.774	1.0	1.0
1047	NW_0360de	0.375	0.375	0.375	0.375	51.0	0.0	0.587	1.0	1.0
1048	NW_0480de	0.5	0.5	0.5	0.5	60.0	0.0	0.473	1.0	1.0
1049	NW_0600de	0.625	0.625	0.625	0.625	68.9	0.0	0.356	1.0	1.0
1050	NW_0720de	0.75	0.75	0.75	0.75	77.8	0.0	0.239	1.0	1.0
1051	NW_0840de	0.875	0.875	0.875	0.875	86.7	0.0	0.121	1.0	1.0
1052	NW_1000de	1.0	1.0	1.0	1.0	95.6	0.0	0.0	1.0	1.0

Mean color difference of this page: delta

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



TUB-test chart QE68; hue code: H*e=Y75Ge
 colors and differences, ΔE*_a*

QE680-7N; Page 32/33-F

I-1133131-F0



http://130.149.60.45/~farbmetrik/QE68/QE68L0FP.PDF /.PS; 3D-linearization
 F: 3D-linearization QE68/QE68LE30FP.DAT in file (F), page 33/33

n	HC*File	rgb*File	icT*File	hsa*File	rgB*File	LabC0*File	cmyk*sep*File	cmYk*File	cmYk*File	rgB*File	LabC0*File	cmYk*File	cmYk*File	rgB*File	LabC0*File	cmYk*File	cmYk*File	rgB*File	LabC0*File	cmYk*File	cmYk*File	
1053	NW_086de	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1054	NW_093de	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1055	NW_100de	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1056	NW_100de	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066
1057	NW_100de	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1058	NW_013de	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133
1059	NW_026de	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266
1060	NW_033de	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333
1061	NW_040de	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1062	NW_046de	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466
1063	NW_053de	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533
1064	NW_057de	0.574	0.574	0.574	0.574	0.574	0.574	0.574	0.574	0.574	0.574	0.574	0.574	0.574	0.574	0.574	0.574	0.574	0.574	0.574	0.574	0.574
1065	NW_066de	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666
1066	NW_073de	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734
1067	NW_073de	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
1068	NW_086de	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1069	NW_093de	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1070	NW_093de	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1071	NW_100de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1072	NW_100de	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1073	ROY_100_100de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1074	ROY_100_100de	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1075	G50B_100_100de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1076	Y06C_100_100de	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1077	B04C_100_100de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1078	B08C_100_100de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1079	B50R_100_100de	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Mean color difference of this page:
delta

input: rgb/cmyk -> rgBde
 output: 3D-linearization to cmy0*de

TUB-test chart QE68; hue code: H*_e=Y75G_e
 colors and differences, ΔE*_*

I=113321-F0

QE680-7N; Page 33/33-F