

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 68/360 = 0.19$

$H^*_- = R50Y_-$

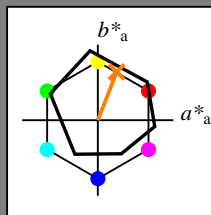
Data for any device (d) or elementary (e) colour:

HIC^*_-

hue text for the colours of this page:

$H^*_- = R50Y_-$

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):

$LabCh^*_{-,Ma}$: 68 25 63 68 68

$HIC^*_{-,Ma}$: R50Y_100_100_

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

1.0 0.5 0.0 1.0 1.0

triangle lightness T^*

%Gamut

$u^*_{rel} = 92$

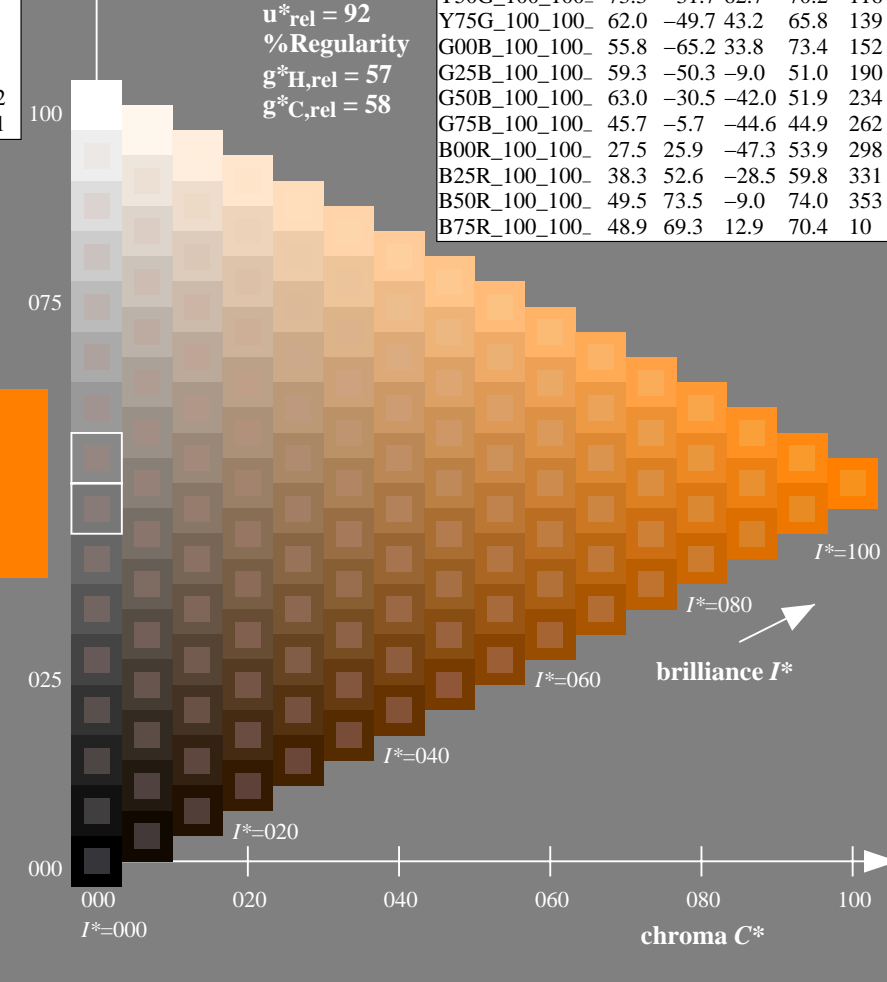
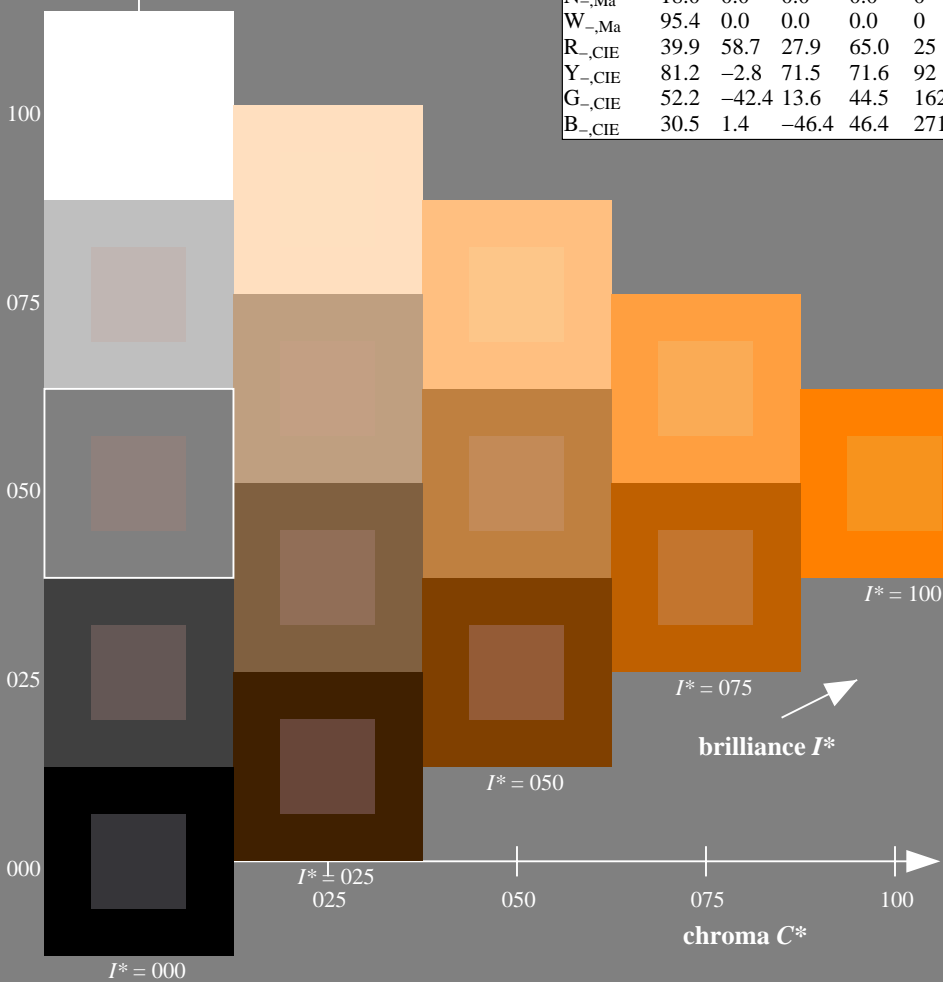
%Regularity

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

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

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

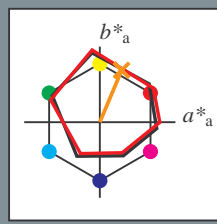


Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 67/360 = 0.18$

$H^*_d = R50Y_d$

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

HIC^*_d
hue text for the colours of this page:
 $H^*_d = R50Y_d$
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):

$LabCh^*_{d, Ma}$: 64 28 68 74 67

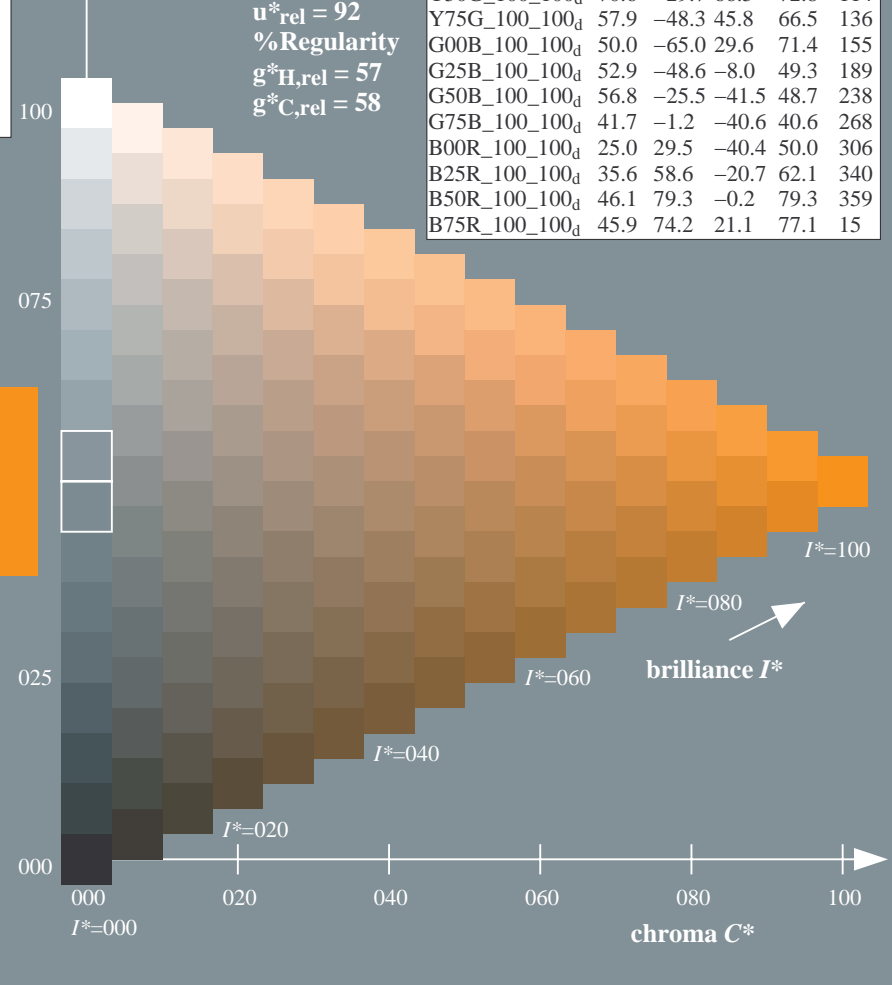
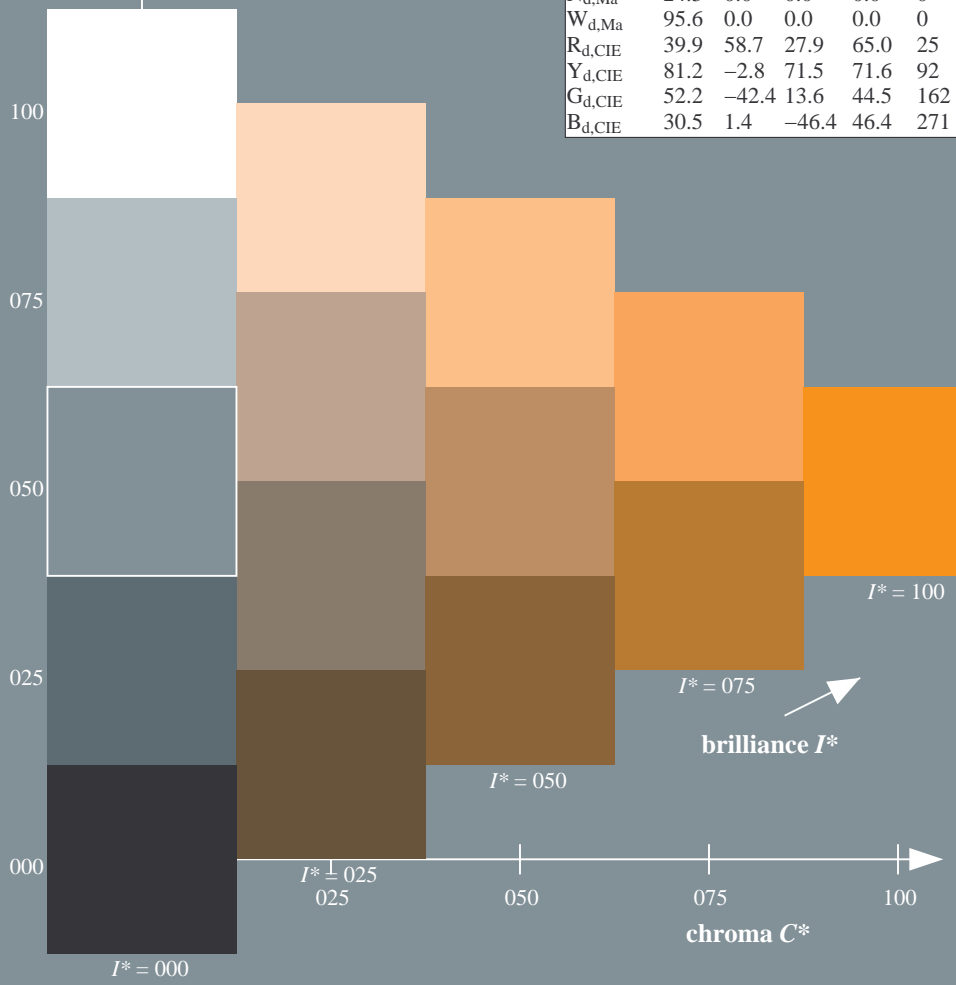
$HIC^*_{d, Ma}$: R50Y_100_100d

$rgbic^*_{d, Ma}$:
1.0 0.5 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/QE17/QE17L0FP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE17/QE17L0FP.PDF / .PS
application for measurement of offset print output, separation $cmY0^*$ (CMY0)
TUB material: code=rh4ta

1-103131-L0 QE170-72

TUB-test chart QE17; hue code: $H^*_d=R50Y_d$
Test chart according to DIN 33872, 3D=1, de=0, $cmY0^*$

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

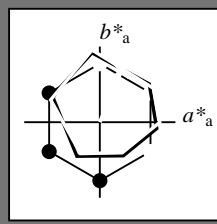
1-103131-F0

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 67/360 = 0.18$

$H^*_d = R50Y_d$

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

HIC^*_d
hue text for the colours of this page:
 $H^*_d = R50Y_d$
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):

$LabCh^*_d, Ma: 64\ 28\ 68\ 74\ 67$

$HIC^*_d, Ma: R50Y_100_100_d$

$rgbic^*_d, Ma:$

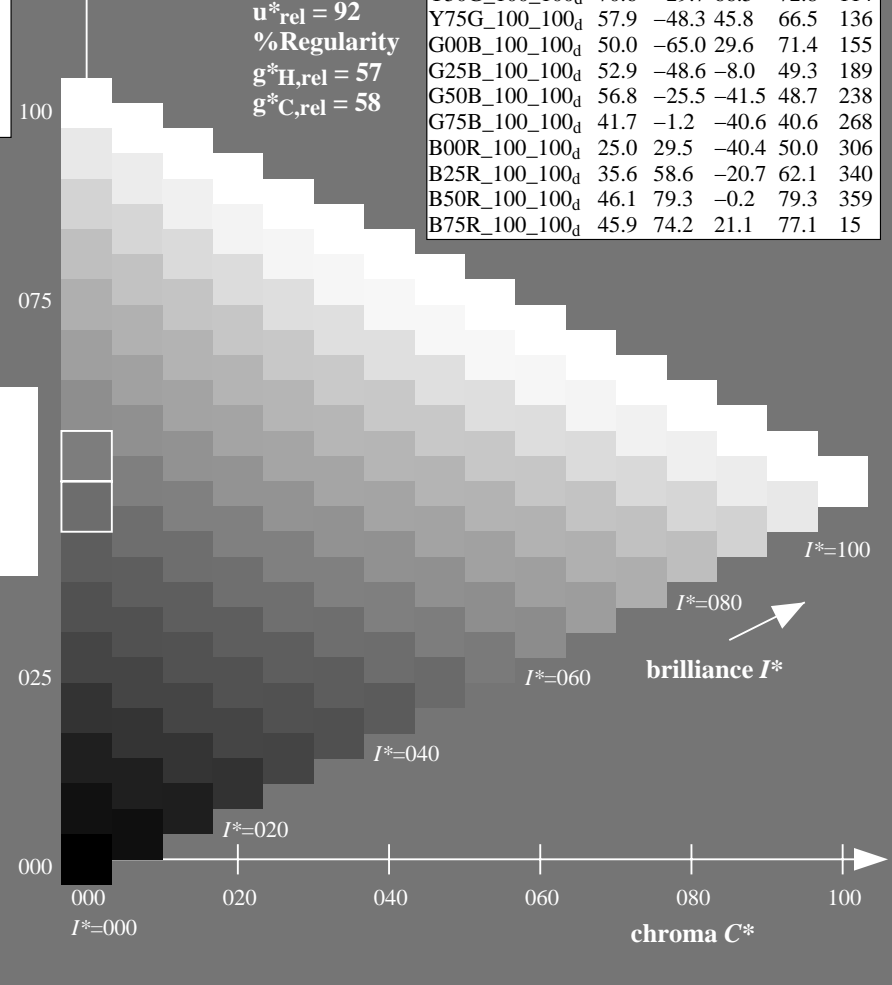
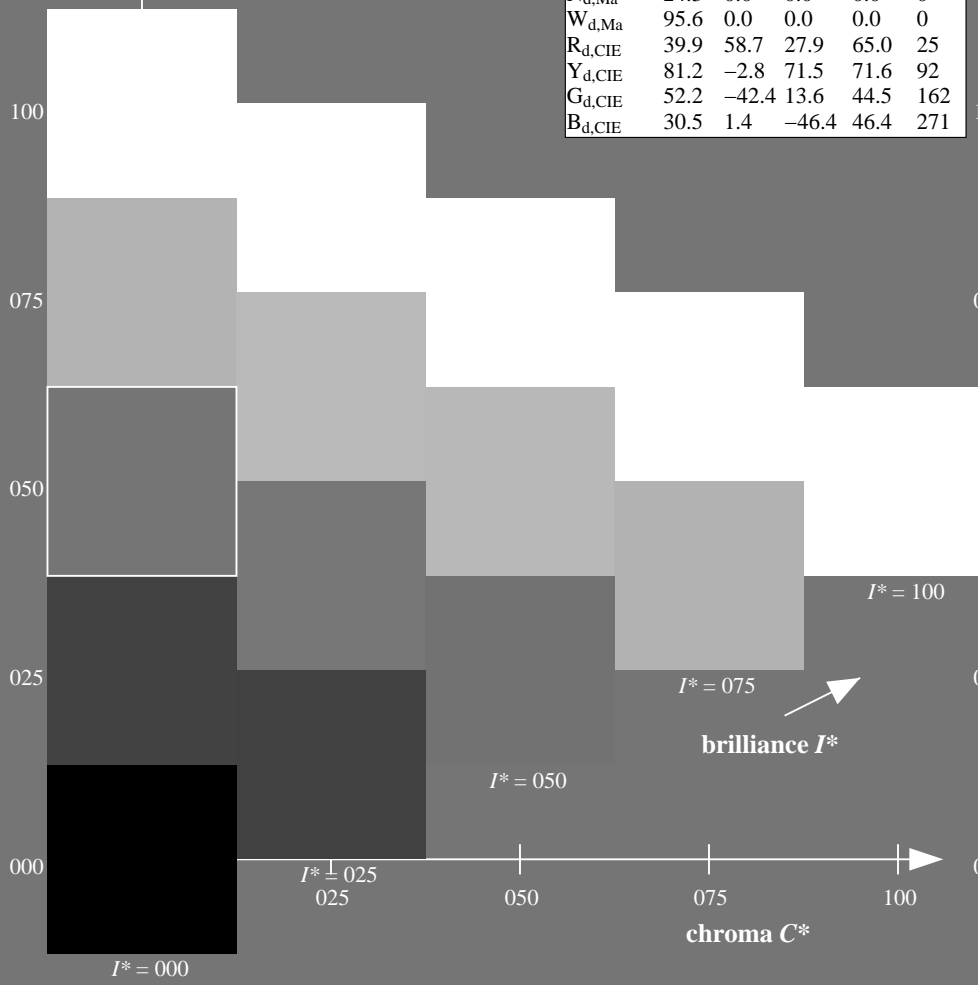
1.0 0.5 0.0 1.0 1.0

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_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



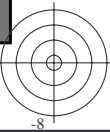
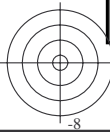
see similar files: <http://130.149.60.45/~farbmetrik/QE17/QE17.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE17/QE17L0FP.PDF /.PS
application for measurement of offset print output, separation $cmY0^*$ (CMY0)
TUB material: code=rh4ta

1-103231-L0 QE170-72

TUB-test chart QE17; hue code: $H^*_d=R50Y_d$
Test chart according to DIN 33872, 3D=1, de=0, $cmY0^*$

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



Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 67/360 = 0.18$

$H^*_d = R50Y_d$

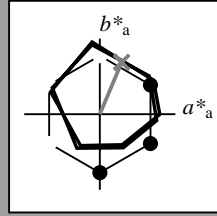
Data for any device (d) or elementary (e) colour:

HIC^*_d

hue text for the colours of this page:

$H^*_d = R50Y_d$

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):

$LabCh^*_d, Ma$: 64 28 68 74 67

HIC^*_d, Ma : R50Y_100_100d

$rgbic^*_d, Ma$:

1.0 0.5 0.0 1.0 1.0

triangle lightness T^*

% Gamut

$u^*_{rel} = 92$

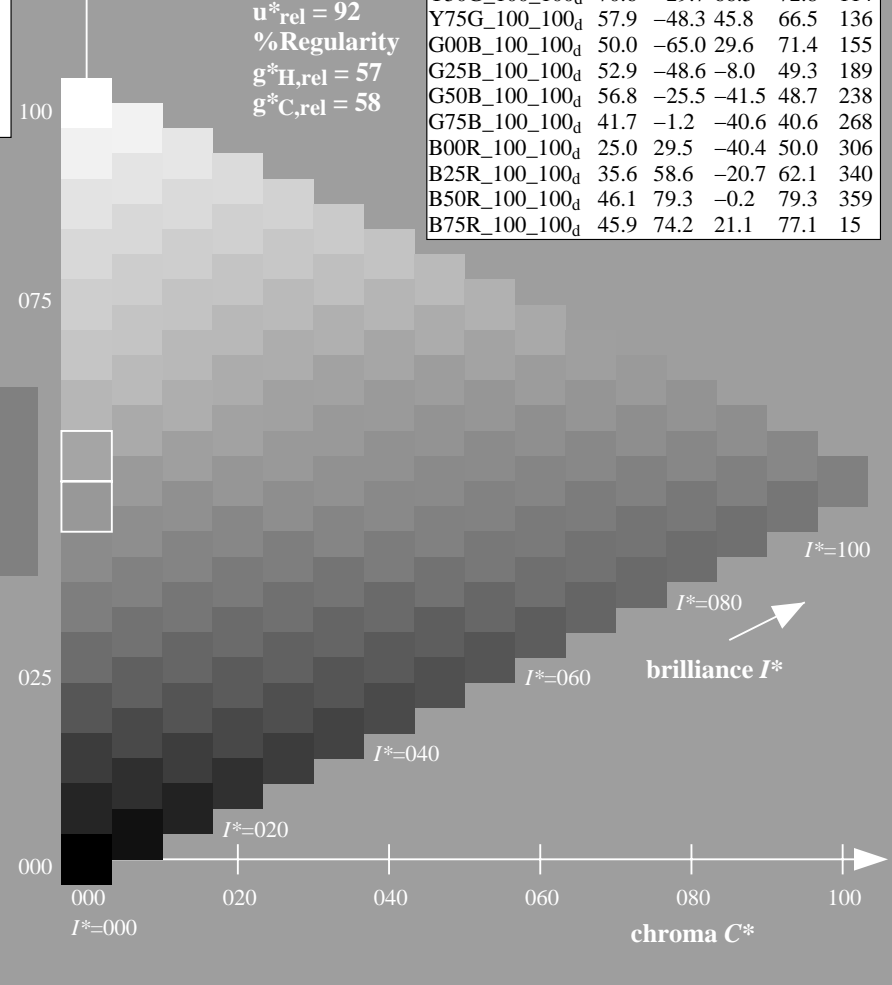
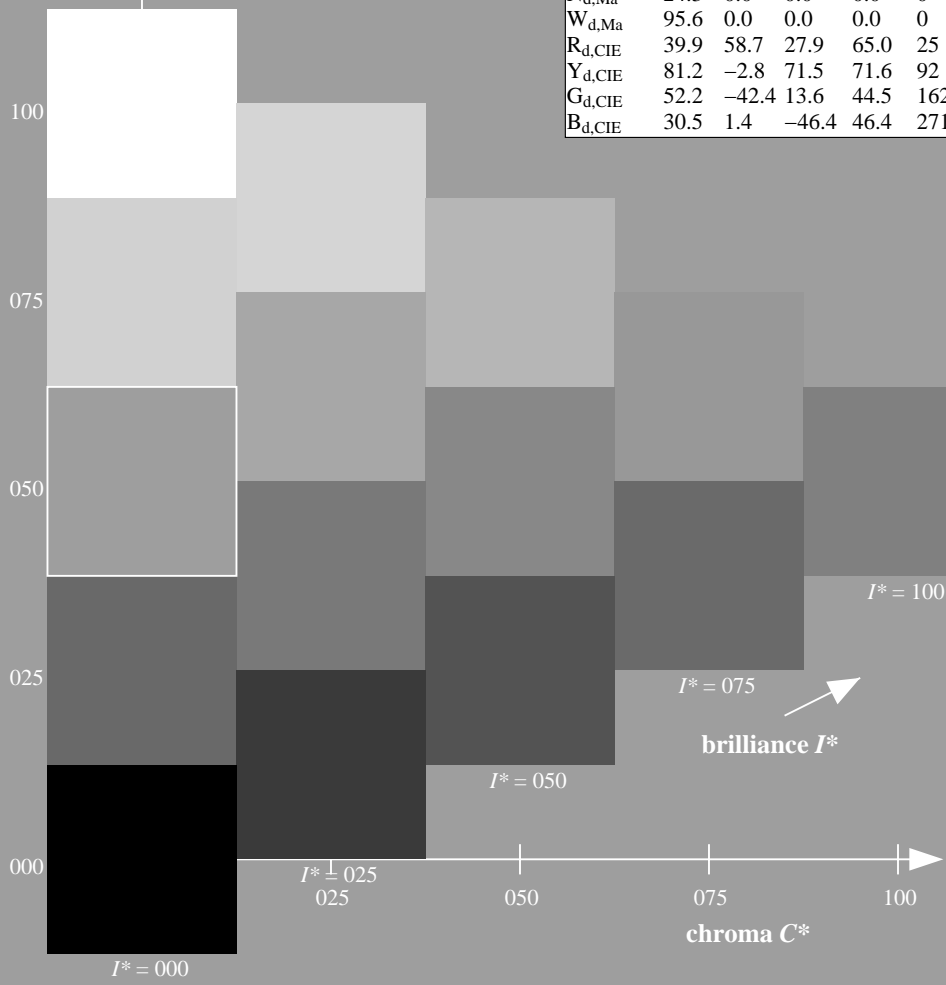
% Regularity

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

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

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
B00R_100_100d	25.0	29.5	-40.4	50.0	306
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/QE17/QE17.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE17/QE17L0FP.PDF /.PS
application for measurement of offset print output, separation cmy0* (CMY0)
TUB material: code=rh4ta

1-103331-L0 QE170-72

TUB-test chart QE17; hue code: $H^*_d=R50Y_d$
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 $h_{ab,a,rel} = h_{ab}/360 = 67/360 = 0.18$

$H^*_d = R50Y_d$

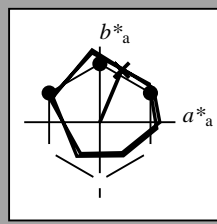
Data for any device (d) or elementary (e) colour:

HIC^*_d

hue text for the colours of this page:

$H^*_d = R50Y_d$

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):

$LabCh^*_{d, Ma}$: 64 28 68 74 67

$HIC^*_{d, Ma}$: R50Y_100_100_d

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

1.0 0.5 0.0 1.0 1.0

triangle lightness T^*

%Gamut

$u^*_{rel} = 92$

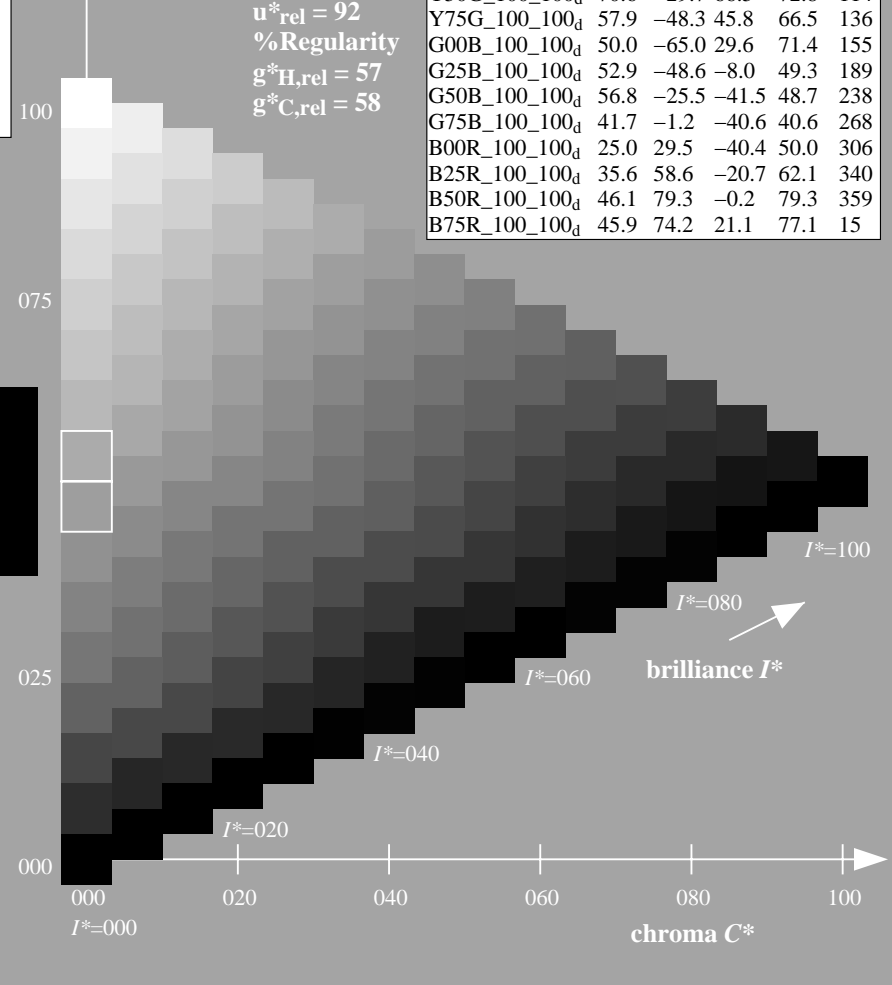
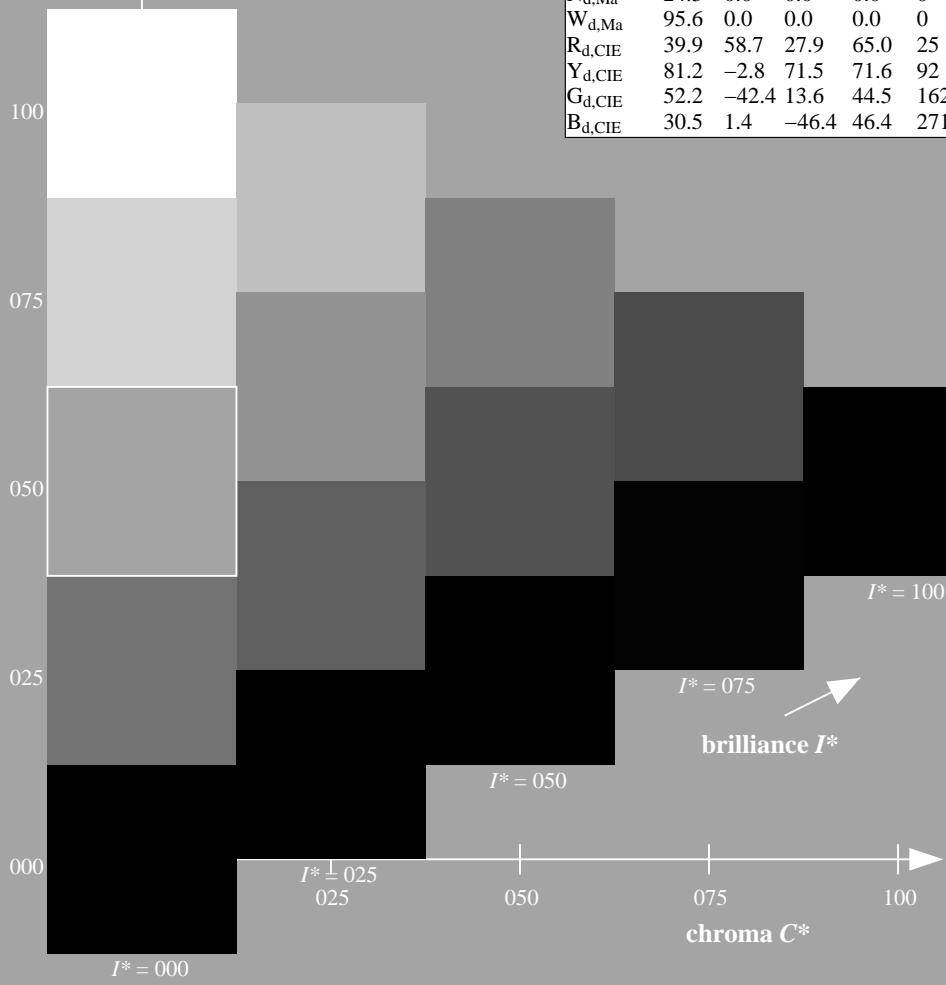
%Regularity

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

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

ORS20a; adapted (a) CIELAB data

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



see similar files: http://130.149.60.45/~farbmetrik/QE17/QE17L0FP.PDF /.PS
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE17/QE17L0FP.PDF /.PS
application for measurement of offset print output, separation cmy0* (CMY0)
TUB material: code=rh4ta

1-103431-L0 QE170-72

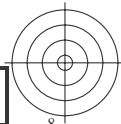
TUB-test chart QE17; hue code: $H^*_d=R50Y_d$
Test chart according to DIN 33872, 3D=1, de=0, $cmy0^*$

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

1-103431-F0

TUB registration: 20130201-QE17/QE17L0FP.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/QE17/QE17.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



1-103531-L0 QE170-72

TUB-test chart QE17; hue code: $H^*_d=R50Y_d$
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

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

$V=B_d$ 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_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

$LCH^*_s = 52.3 \ 68.9 \ 150.0$
 $LAB^*_s = 52.3 \ -59.6 \ 34.4$
 $rgb^*_ds = 0.062 \ 1.0 \ 0.0$

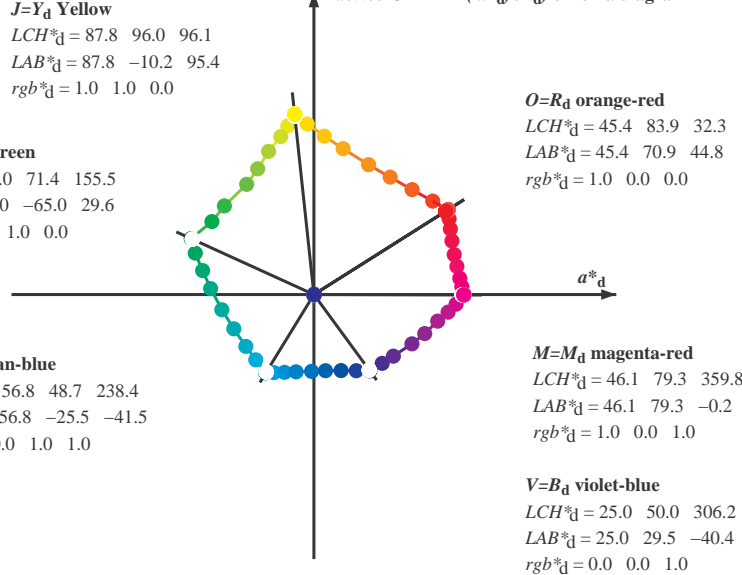
C_s blue-green

$LCH^*_s = 54.5 \ 45.7 \ 210.0$
 $LAB^*_s = 54.5 \ -39.6 \ -22.8$
 $rgb^*_ds = 0.0 \ 1.0 \ 0.685$

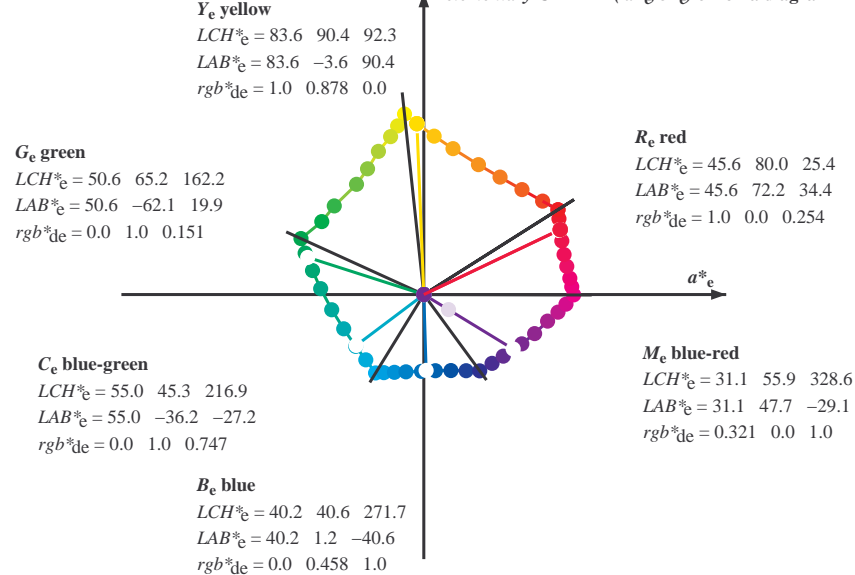
B_s blue

$LCH^*_s = 40.9 \ 40.6 \ 270.0$
 $LAB^*_s = 40.9 \ 0.0 \ -40.6$
 $rgb^*_ds = 0.0 \ 0.479 \ 1.0$

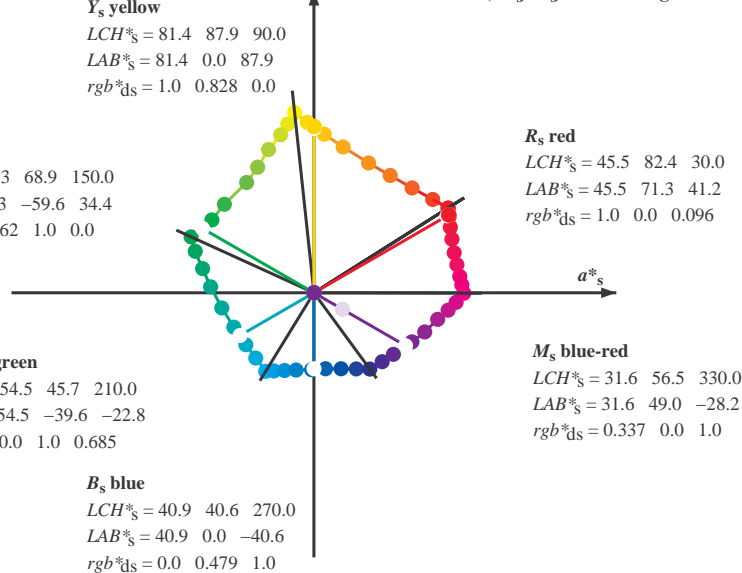
device CIELAB (a^*_d, b^*_d) chroma diagram



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



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



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

see similar files: <http://130.149.60.45/~farbmetrik/QE17/QE17.HTM>
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE17/QE17L0FP.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 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

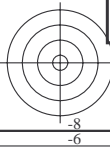
Table with 12 columns of color data (h_{ab,d}, h_{ab,s}, h_{ab,e}, r_{gb}^a, d_{64M}, LAB*, ddx64M (x=LabCh), r_{gb}^b, ddx361M, LAB*, ddx361M (x=LabCh), r_{gb}^c, dsx361M, LAB*, dsx361M (x=LabCh), r_{gb}^d, dex361M, LAB*, dex361M) and 12 columns of color patches (rgb^a_{dd}, rgb^b_{ds}, rgb^c_{de}). The table contains 392 rows of data.

see similar files: http://130.149.60.45/~farbmetrik/QE17/QE17.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE17/QE17L0FP.PDF /.PS
application for measurement of offset print output, separation cmy0* (CMY0)
TUB material: code=rh4ta

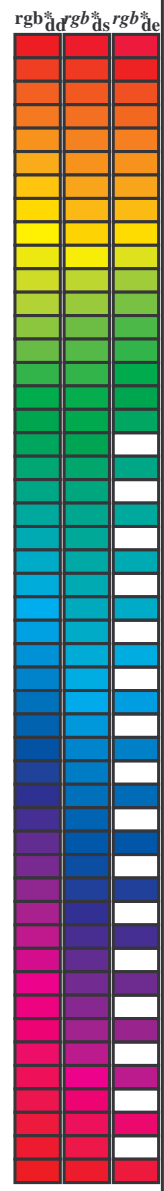
TUB-test chart QE17; hue code: H*d=R50Yd
48 step hue circles; rgb-LabCh*tables

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 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
32.3	30.0	25.4	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3
38.1	37.5	33.8	1.0	0.125	0.0	48.9	62.8	49.4	79.9	38.1
46.8	45.0	42.1	1.0	0.25	0.0	53.6	51.9	55.5	76.0	46.8
56.9	52.5	50.5	1.0	0.375	0.0	59.1	40.3	62.0	74.0	56.9
67.1	60.0	58.8	1.0	0.5	0.0	64.9	28.9	68.6	74.5	67.1
78.6	67.5	67.2	1.0	0.625	0.0	72.1	15.4	77.1	78.6	78.6
86.2	75.0	75.6	1.0	0.75	0.0	77.9	5.4	83.8	84.0	86.2
92.1	82.5	83.9	1.0	0.875	0.0	83.4	-3.4	90.2	90.2	92.1
96.1	90.0	92.3	1.0	1.0	0.0	87.8	-10.2	95.4	96.0	96.1
98.8	97.5	101.0	0.875	1.0	0.0	84.3	-13.9	89.2	90.3	98.8
101.8	105.0	109.7	0.75	1.0	0.0	80.7	-17.5	83.5	85.3	101.8
107.6	112.5	118.5	0.625	1.0	0.0	75.3	-24.0	75.7	79.4	107.6
114.0	120.0	127.2	0.5	1.0	0.0	70.6	-29.7	66.5	72.8	114.0
121.4	127.5	136.0	0.375	1.0	0.0	65.7	-35.6	58.3	68.3	121.4
135.3	135.0	144.7	0.25	1.0	0.0	58.4	-47.3	46.8	66.6	135.3
144.4	142.5	153.4	0.125	1.0	0.0	54.7	-53.9	38.5	66.3	144.4
155.5	150.0	162.2	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	155.5
160.7	157.5	169.0	0.0	1.0	0.125	50.5	-62.8	21.9	66.5	160.7
167.7	165.0	175.9	0.0	1.0	0.25	51.2	-58.9	12.7	60.3	167.7
176.7	172.5	182.7	0.0	1.0	0.375	52.0	-54.5	3.1	54.6	176.7
189.3	180.0	189.6	0.0	1.0	0.5	52.9	-48.6	-8.0	49.3	189.3
203.2	187.5	196.4	0.0	1.0	0.625	54.0	-42.3	-18.1	46.1	203.2
217.2	195.0	203.2	0.0	1.0	0.75	55.0	-36.0	-27.4	45.3	217.2
228.3	202.5	210.1	0.0	1.0	0.875	55.8	-30.7	-34.5	46.2	228.3
238.4	210.0	216.9	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238.4
242.9	217.5	223.8	0.0	0.875	1.0	54.1	-21.1	-41.3	46.4	242.9
249.3	225.0	230.6	0.0	0.75	1.0	50.4	-15.5	-41.1	43.9	249.3
256.9	232.5	237.5	0.0	0.625	1.0	46.5	-9.4	-40.8	41.9	256.9
268.2	240.0	244.3	0.0	0.5	1.0	41.7	-1.2	-40.6	40.6	268.2
278.6	247.5	251.2	0.0	0.375	1.0	37.3	6.1	-40.2	40.7	278.6
289.6	255.0	258.0	0.0	0.25	1.0	32.8	14.3	-40.2	42.7	289.6
299.0	262.5	264.8	0.0	0.125	1.0	28.6	22.4	-40.2	46.1	299.0
306.2	270.0	271.7	0.0	0.0	1.0	25.0	29.5	-40.4	50.0	306.2
314.7	277.5	278.8	0.125	0.0	1.0	27.9	36.0	-36.4	51.2	314.7
322.1	285.0	285.9	0.25	0.0	1.0	28.8	41.9	-32.5	53.1	322.1
333.3	292.5	293.0	0.375	0.0	1.0	32.7	51.8	-26.0	58.0	333.3
340.5	300.0	300.1	0.5	0.0	1.0	35.6	58.6	-20.7	62.1	340.5
347.9	307.5	307.2	0.625	0.0	1.0	38.1	65.4	-14.0	66.9	347.9
352.5	315.0	314.3	0.75	0.0	1.0	41.8	71.0	-9.2	71.6	352.5
356.1	322.5	321.4	0.875	0.0	1.0	44.2	75.2	-5.0	75.3	356.1
359.8	330.0	328.6	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8
363.0	337.5	335.7	1.0	0.0	0.875	45.9	78.2	4.1	78.3	363.0
366.4	345.0	342.8	1.0	0.0	0.75	45.9	77.1	8.6	77.6	366.4
371.1	352.5	349.9	1.0	0.0	0.625	46.0	75.6	14.8	77.0	371.1
375.9	360.0	357.0	1.0	0.0	0.5	45.9	74.2	21.1	77.1	375.9
381.2	367.5	364.1	1.0	0.0	0.375	45.8	72.9	28.3	78.3	381.2
385.6	375.0	371.2	1.0	0.0	0.25	45.6	72.1	34.6	80.0	385.6
389.3	382.5	378.3	1.0	0.0	0.125	45.5	71.4	40.1	81.9	389.3
392.3	390.0	385.4	1.0	0.0	0.0	45.4	70.9	44.8	83.9	392.3



see similar files: http://130.149.60.45/~farbmetrik/QE17/QE17.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE17/QE17L0FP.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 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

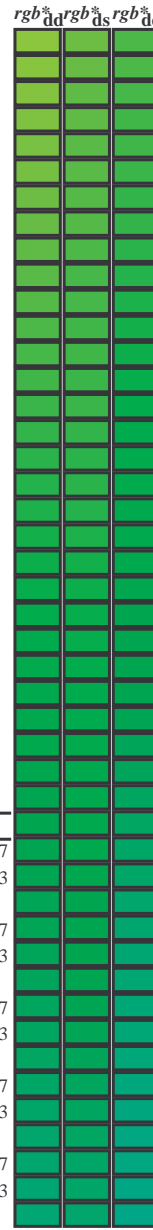
h _{ab,d}	h _{ab,s}	h _{ab,e}	rgb* dd361M	LAB* dex361Mi (x=LabCh)	R _d	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	R _s	rgb* dd361Mi	LAB* de361Mi	R _e	rgb* dd361Mi	rgb* dd	rgb* ds	rgb* de
32	30	25	1.0 0.0 0.0	45.4 70.9 44.8 83.9 32		1.0 0.0 0.0	0.096 45.5 71.4 41.2 82.4 30		1.0 0.0 0.0	0.0 0.0 0.0		1.0 0.0 0.0	0.255 45.7 72.2 34.4 80.0 25		
33	31	26	1.0 0.016 0.0	45.9 69.8 45.5 83.4 33		1.0 0.0 0.055	45.5 71.2 42.8 83.1 31		1.0 0.017 0.0		1.0 0.0 0.218	45.6 72.0 36.1 80.6 26			
33	32	27	1.0 0.033 0.0	46.3 68.8 46.1 82.8 33		1.0 0.0 0.013	45.5 71.0 44.4 83.7 32		1.0 0.033 0.0		1.0 0.0 0.18	45.6 71.8 37.7 81.1 27			
34	33	28	1.0 0.05 0.0	46.8 67.7 46.8 82.3 34		1.0 0.015 0.0	45.9 70.0 45.5 83.5 33		1.0 0.05 0.0		1.0 0.0 0.142	45.6 71.6 39.4 81.7 28			
35	34	29	1.0 0.066 0.0	47.3 66.6 47.4 81.8 35		1.0 0.036 0.0	46.5 68.6 46.3 82.8 34		1.0 0.067 0.0		1.0 0.0 0.099	45.5 71.4 41.1 82.4 29			
36	35	31	1.0 0.083 0.0	47.7 65.5 48.0 81.2 36		1.0 0.057 0.0	47.1 67.3 47.1 82.1 35		1.0 0.083 0.0		1.0 0.0 0.053	45.5 71.2 42.9 83.1 31			
36	36	32	1.0 0.1 0.0	48.2 64.4 48.5 80.7 36		1.0 0.079 0.0	47.6 65.9 47.9 81.4 36		1.0 0.1 0.0		1.0 0.0 0.006	45.5 71.0 44.6 83.8 32			
37	37	33	1.0 0.116 0.0	48.6 63.3 49.1 80.2 37		1.0 0.1 0.0	48.2 64.5 48.6 80.7 37		1.0 0.117 0.0		1.0 0.021 0.0	46.0 69.6 45.7 83.3 33			
38	38	34	1.0 0.133 0.0	49.2 62.1 49.8 79.6 38		1.0 0.121 0.0	48.8 63.1 49.3 80.1 38		1.0 0.133 0.0		1.0 0.044 0.0	46.7 68.1 46.6 82.5 34			
39	39	35	1.0 0.15 0.0	49.8 60.7 50.7 79.1 39		1.0 0.137 0.0	49.4 61.8 50.1 79.6 39		1.0 0.15 0.0		1.0 0.068 0.0	47.4 66.6 47.5 81.8 35			
41	40	36	1.0 0.166 0.0	50.5 59.2 51.6 78.6 41		1.0 0.151 0.0	49.9 60.6 50.9 79.1 40		1.0 0.167 0.0		1.0 0.092 0.0	48.0 65.0 48.3 81.0 36			
42	41	37	1.0 0.183 0.0	51.1 57.8 52.5 78.1 42		1.0 0.166 0.0	50.5 59.4 51.6 78.7 41		1.0 0.183 0.0		1.0 0.116 0.0	48.7 63.5 49.1 80.2 37			
43	42	38	1.0 0.2 0.0	51.7 56.3 53.3 77.5 43		1.0 0.18 0.0	51.0 58.1 52.3 78.2 42		1.0 0.2 0.0		1.0 0.135 0.0	49.3 62.0 49.9 79.6 38			
44	43	39	1.0 0.216 0.0	52.4 54.9 54.0 77.0 44		1.0 0.194 0.0	51.6 56.9 53.0 77.8 43		1.0 0.217 0.0		1.0 0.151 0.0	49.9 60.7 50.8 79.1 39			
45	44	41	1.0 0.233 0.0	53.0 53.4 54.8 76.5 45		1.0 0.209 0.0	52.1 55.6 53.7 77.3 44		1.0 0.233 0.0		1.0 0.167 0.0	50.5 59.3 51.7 78.6 41			
46	45	42	1.0 0.25 0.0	53.6 51.9 55.5 76.0 46		1.0 0.223 0.0	52.7 54.4 54.4 76.9 45		1.0 0.25 0.0		1.0 0.183 0.0	51.1 57.9 52.5 78.1 42			
48	46	43	1.0 0.266 0.0	54.4 50.4 56.5 75.7 48		1.0 0.237 0.0	53.2 53.1 55.0 76.4 46		1.0 0.267 0.0		1.0 0.198 0.0	51.7 56.5 53.2 77.6 43			
49	47	44	1.0 0.283 0.0	55.1 48.9 57.4 75.4 49		1.0 0.251 0.0	53.7 51.8 55.6 76.0 47		1.0 0.283 0.0		1.0 0.214 0.0	52.3 55.1 54.0 77.1 44			
50	48	45	1.0 0.3 0.0	55.8 47.4 58.4 75.2 50		1.0 0.264 0.0	54.3 50.7 56.3 75.8 48		1.0 0.3 0.0		1.0 0.23 0.0	52.9 53.7 54.7 76.6 45			
52	49	46	1.0 0.316 0.0	56.6 45.8 59.2 74.9 52		1.0 0.276 0.0	54.8 49.6 57.1 75.6 49		1.0 0.317 0.0		1.0 0.246 0.0	53.5 52.3 55.4 76.1 46			
53	50	47	1.0 0.333 0.0	57.3 44.2 60.1 74.6 53		1.0 0.288 0.0	55.4 48.5 57.8 75.4 50		1.0 0.333 0.0		1.0 0.261 0.0	54.2 51.0 56.2 75.9 47			
54	51	48	1.0 0.35 0.0	58.0 42.7 60.9 74.4 54		1.0 0.301 0.0	55.9 47.3 58.5 75.2 51		1.0 0.35 0.0		1.0 0.274 0.0	54.8 49.8 57.0 75.6 48			
56	52	49	1.0 0.366 0.0	58.8 41.1 61.7 74.1 56		1.0 0.313 0.0	56.5 46.2 59.1 75.0 52		1.0 0.367 0.0		1.0 0.288 0.0	55.4 48.5 57.8 75.4 49			
57	53	51	1.0 0.383 0.0	59.5 39.5 62.5 74.0 57		1.0 0.326 0.0	57.0 45.0 59.8 74.8 53		1.0 0.383 0.0		1.0 0.302 0.0	56.0 47.2 58.5 75.2 51			
59	54	52	1.0 0.4 0.0	60.3 38.1 63.5 74.1 59		1.0 0.338 0.0	57.6 43.9 60.4 74.6 54		1.0 0.4 0.0		1.0 0.316 0.0	56.6 45.9 59.3 75.0 52			
60	55	53	1.0 0.416 0.0	61.0 36.6 64.5 74.1 60		1.0 0.35 0.0	58.1 42.7 61.0 74.4 55		1.0 0.417 0.0		1.0 0.33 0.0	57.2 44.6 60.0 74.8 53			
61	56	54	1.0 0.433 0.0	61.8 35.1 65.4 74.2 61		1.0 0.363 0.0	58.6 41.5 61.5 74.2 56		1.0 0.433 0.0		1.0 0.343 0.0	57.8 43.3 60.6 74.5 54			
63	57	55	1.0 0.45 0.0	62.6 33.6 66.2 74.3 63		1.0 0.375 0.0	59.2 40.3 62.1 74.0 57		1.0 0.45 0.0		1.0 0.357 0.0	58.4 42.0 61.3 74.3 55			
64	58	56	1.0 0.466 0.0	63.3 32.0 67.1 74.4 64		1.0 0.387 0.0	59.8 39.3 62.8 74.1 58		1.0 0.467 0.0		1.0 0.371 0.0	59.0 40.7 61.9 74.1 56			
65	59	57	1.0 0.483 0.0	64.1 30.5 67.9 74.4 65		1.0 0.4 0.0	60.3 38.2 63.5 74.1 59		1.0 0.483 0.0		1.0 0.385 0.0	59.6 39.5 62.7 74.1 57			
67	60	58	1.0 0.5 0.0	64.9 28.9 68.6 74.5 67		1.0 0.412 0.0	60.9 37.1 64.2 74.2 60		1.0 0.5 0.0		1.0 0.398 0.0	60.3 38.3 63.5 74.1 58			
68	61	60	1.0 0.516 0.0	65.8 27.2 69.9 75.0 68		1.0 0.424 0.0	61.4 36.0 64.9 74.2 61		1.0 0.517 0.0		1.0 0.412 0.0	60.9 37.1 64.2 74.2 60			
70	62	61	1.0 0.533 0.0	66.8 25.5 71.1 75.6 70		1.0 0.436 0.0	62.0 34.9 65.6 74.3 62		1.0 0.533 0.0		1.0 0.426 0.0	61.5 35.8 65.0 74.2 61			
71	63	62	1.0 0.55 0.0	67.7 23.8 72.3 76.1 71		1.0 0.449 0.0	62.6 33.7 66.2 74.3 63		1.0 0.55 0.0		1.0 0.439 0.0	62.1 34.6 65.7 74.3 62			
73	64	63	1.0 0.566 0.0	68.7 22.0 73.5 76.7 73		1.0 0.461 0.0	63.1 32.6 66.9 74.4 64		1.0 0.567 0.0		1.0 0.453 0.0	62.8 33.3 66.4 74.3 63			
74	65	64	1.0 0.583 0.0	69.7 20.2 74.6 77.3 74		1.0 0.473 0.0	63.7 31.5 67.5 74.4 65		1.0 0.583 0.0		1.0 0.467 0.0	63.4 32.1 67.1 74.4 64			
76	66	65	1.0 0.6 0.0	70.6 18.3 75.6 77.8 76		1.0 0.486 0.0	64.2 30.3 68.0 74.5 66		1.0 0.6 0.0		1.0 0.48 0.0	64.0 30.8 67.8 74.5 65			
77	67	66	1.0 0.616 0.0	71.6 16.4 76.6 78.4 77		1.0 0.498 0.0	64.8 29.1 68.6 74.5 67		1.0 0.617 0.0		1.0 0.494 0.0	64.6 29.5 68.4 74.5 66			
79	68	67	1.0 0.633 0.0	72.5 14.8 77.6 79.0 79		1.0 0.509 0.0	65.4 28.0 69.4 74.8 68		1.0 0.633 0.0		1.0 0.507 0.0	65.3 28.2 69.2 74.8 67			
80	69	68	1.0 0.65 0.0	73.2 13.6 78.5 79.7 80		1.0 0.52 0.0	66.1 26.9 70.2 75.2 69		1.0 0.65 0.0		1.0 0.519 0.0	66.0 27.0 70.1 75.2 68			
81	70	70	1.0 0.666 0.0	74.0 12.3 79.5 80.4 81		1.0 0.531 0.0	66.7 25.8 71.0 75.6 70		1.0 0.667 0.0		1.0 0.531 0.0	66.7 25.8 71.0 75.6 70			
82	71	71	1.0 0.683 0.0	74.8 11.0 80.4 81.1 82		1.0 0.542 0.0	67.3 24.7 71.8 75.9 71		1.0 0.683 0.0		1.0 0.543 0.0	67.4 24.6 71.9 76.0 71			
83	72	72	1.0 0.7 0.0	75.6 9.6 81.3 81.9 83		1.0 0.553 0.0	67.9 23.6 72.6 76.3 72		1.0 0.7 0.0		1.0 0.555 0.0	68.1 23.3 72.8 76.4 72			
84	73	73	1.0 0.716 0.0	76.3 8.3 82.2 82.6 84		1.0 0.564 0.0	68.6 22.4 73.3 76.6 73		1.0 0.717 0.0		1.0 0.568 0.0	68.8 22.0 73.6 76.8 73			
85	74	74	1.0 0.733 0.0	77.1 6.9 83.0 83.3 85		1.0 0.574 0.0	69.2 21.2 74.0 77.0 74		1.0 0.733 0.0		1.0 0.58 0.0	69.5 20.6 74.4 77.2 74			
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			

see similar files: <http://130.149.60.45/~farbmetrik/QE17/QE17.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE17/QE17L0FP.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}, *rgb**_dd361Mi, LAB*_dds361Mi (x=LabCh), *rgb**_ds361Mi, LAB*_dsx361Mi (x=LabCh), *rgb**_de361Mi, LAB*_dex361Mi (x=LabCh), *rgb**_dd361Mi, *rgb**_ds361Mi, *rgb**_de361Mi. Rows 114-167.



see similar files: http://130.149.60.45/~farbmetrik/QE17/QE17.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

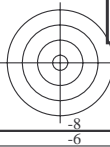
TUB registration: 20130201-QE17/QE17L0FP.PDF /.PS
application for measurement of offset print output, separation cmy0* (CMY0)
TUB material: code=rh4ta

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 [*] _{dd361Mi}	rgb [*] _{dc361Mi}	LAB [*] _{dex361Mi (x=LabCh)}	rgb [*] _{dd361Mi}	rgb [*] _{dd}	rgb [*] _{ds}	rgb [*] _{dc}
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/QE17/QE17.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE17/QE17L0FP.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;

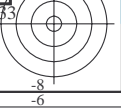
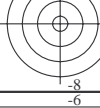
Six hue angles of the device colours RYGCBM_d; h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8; Six hue angles of the elementary colours RYGCBM_c: h_{ab,c} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

Table with 34 columns and 34 rows of color data. Columns include device color codes (h_ab,d to h_ab,s), device color values (rgb*, dsx361Mi, LAB*), standard color codes (B_d to B_s), standard color values (rgb*, dsx361Mi, LAB*), and elementary color codes (rgb*, dex361Mi, LAB*). Rows correspond to color patches 289-340.



see similar files: http://130.149.60.45/~farbmetrik/QE17/QE17.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

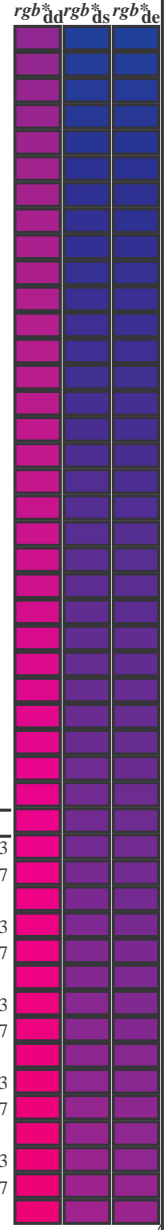
TUB registration: 20130201-QE17/QE17L0FP.PDF /.PS
application for measurement of offset print output, separation cmy0* (CMY0)
TUB material: code=rh4ta



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* dex361Mi (x=LabCh)	rgb* ds361Mi	LAB* dsx361Mi (x=LabCh)	rgb* dd361Mi	LAB* dex361Mi	rgb* de361Mi	LAB* dex361Mi (x=LabCh)	rgb* dd361Mi	rgb* dd	rgb* ds	rgb* de																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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	0.1	0.0	1.0	27.3	34.8	-37.2	51.0	313	0.717	0.0	1.0	0.114	0.0	1.0	27.7	35.5	-36.7	51.2	314	0.733	0.0	1.0	0.13	0.0	1.0	27.9	36.3	-36.2	51.3	315	0.75	0.0	1.0	0.146	0.0	1.0	28.1	37.1	-35.7	51.6	316	0.767	0.0	1.0	0.163	0.0	1.0	28.2	37.9	-35.3	51.8	317	0.783	0.0	1.0	0.18	0.0	1.0	28.3	38.7	-34.8	52.1	318	0.8	0.0	1.0	0.197	0.0	1.0	28.5	39.5	-34.2	52.4	319	0.817	0.0	1.0	0.213	0.0	1.0	28.6	40.3	-33.7	52.6	320	0.833	0.0	1.0	0.23	0.0	1.0	28.7	41.1	-33.2	52.9	321	0.85	0.0	1.0	0.247	0.0	1.0	28.9	41.9	-32.6	53.1	322	0.867	0.0	1.0	0.259	0.0	1.0	29.2	42.7	-32.1	53.5	323	0.883	0.0	1.0	0.27	0.0	1.0	29.5	43.7	-31.6	54.0	324	0.9	0.0	1.0	0.282	0.0	1.0	29.9	44.6	-31.1	54.4	325	0.917	0.0	1.0	0.293	0.0	1.0	30.2	45.5	-30.6	54.8	326	0.933	0.0	1.0	0.304	0.0	1.0	30.6	46.4	-30.0	55.3	327	0.95	0.0	1.0	0.315	0.0	1.0	30.9	47.2	-29.4	55.7	328	0.967	0.0	1.0	0.326	0.0	1.0	31.3	48.1	-28.8	56.1	329	0.983	0.0	1.0	0.337	0.0	1.0	31.6	49.0	-28.2	56.6	330M _s	1.0	0.0	1.0	0.322	0.0	1.0	31.1	47.8	-29.1	56.0	328M _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	32.7	51.6	-26.2	57.9	333	1.0	0.0	0.95	0.386	0.0	1.0	33.0	52.5	-25.5	58.4	334	1.0	0.0	0.933	0.404	0.0	1.0	33.4	53.5	-24.8	59.0	335	1.0	0.0	0.917	0.421	0.0	1.0	33.8	54.4	-24.1	59.6	336	1.0	0.0	0.9	0.438	0.0	1.0	34.2	55.4	-23.4	60.1	337	1.0	0.0	0.883	0.456	0.0	1.0	34.6	56.3	-22.6	60.7	338	1.0	0.0	0.867	0.473	0.0	1.0	35.0	57.2	-21.9	61.3	339	1.0	0.0	0.85	0.491	0.0	1.0	35.4	58.1	-21.1	61.9	340	1.0	0.0	0.833	0.508	0.0	1.0	35.8	59.1	-20.2	62.5	341	1.0	0.0	0.817	0.525	0.0	1.0	36.1	60.0	-19.4	63.1	342	1.0	0.0	0.8	0.542	0.0	1.0	36.4	61.0	-18.5	63.8	343	1.0	0.0	0.783	0.559	0.0	1.0	36.8	61.9	-17.7	64.4	344	1.0	0.0	0.767	0.576	0.0	1.0	37.1	62.9	-16.7	65.1	345	1.0	0.0	0.75



TUB registration: 20130201-QE17/QE17L0FP.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/QE17/QE17.HTM
 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 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 [*] _{ds}	rgb [*] _{ds}	rgb [*] _{ds}
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/QE17/QE17.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-QE17/QE17L0FP.PDF /.PS
application for measurement of offset print output, separation cmy0* (CMY0)
TUB material: code=rha4ta

QE17IOL

QE17IOL

QE17IOL

QE17IOL

http://130.149.60.45/~farbmetrik/QE17/QE17LOFP.PDF /.PS; 3D-linearization F: 3D-linearization QE17/QE17LE30FP.DAT in file (F), page 21/33

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

Table with 16 columns: n, HHC*Fid, rpb_Fid, icr_Fid, hsa_Fid, rpb*Fid, LabC0*Fid, cmyk*_sep_Fid, rpb*_Fid, hsa*_Fid, LabC0*_Fid, rpb*_Fid, hsa*_Fid, LabC0*_Fid, LabC0*_Fid, delta. Rows 81-161.

http://130.149.60.45/~farbmetrik/QE17/QE17L0FP.PDF /.PS; 3D-linearization F: 3D-linearization QE17/QE17L30FP.DAT in file (F), page 22/33

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

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

TUB-test chart QE17; hue code: H*d=R50Yd colors and differences, AE**

I=1032131-F0

http://130.149.60.45/~farbmetrik/QE17/QE17LOFP.PDF /.PS; 3D-linearization F: 3D-linearization QE17/QE17LE30FP.DAT in file (F), page 23/33

Table with 32 columns: n, HHC*Fid, rgb_Fid, icr_Fid, Hs_Fid, rgb*Fid, LabC*Fid, LabC*Fid, cmy*sep_Fid, Hs*Fid, rgb*Fid, LabC*Fid, LabC*Fid, delta. Rows 243-323.

Mean color difference of this page:

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

http://130.149.60.45/~farbmetrik/QE17/QE17LOFP.PDF /.PS; 3D-linearization F: 3D-linearization QE17/QE17LE30FP.DAT in file (F), page 24/33

Table with 15 columns: n, HHC*Fid, rpb_Fid, icr_Fid, Hs_Fid, rpb*Fid, LabC0*Fid, LabC0**Fid, cmy0**sep_Fid, rpb**Fid, Hs**Fid, LabC0**Fid, LabC0**Fid, delta. Rows include color names like R00Y, R00M, B00R, etc.

Mean color difference of this page:

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

QE17IOL

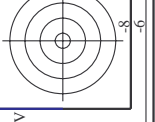
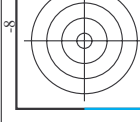


http://130.149.60.45/~farbmetrik/QE17/QE17LOFP.PDF /.PS; 3D-linearization F: 3D-linearization QE17/QE17LE30FP.DAT in file (F), page 25/33

Table with 40 columns: n, HHC*Fid, rgb_Fid, icr_Fid, hsa_Fid, rgb*Fid, LabC*Fid, LabC*Fid, cmy*Sep_Fid, rha*Fid, rha*Fid, rpb*Fid, LabC*Fid, delta. It contains color calibration data for various color patches.

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

TUB-test chart QE17; hue code: H*_d=R50Y_d colors and differences, AE*_*



http://130.149.60.45/~farbmetrik/QE17/QE17L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization QE17/QE17L30FP.DAT in file (F), page 26/33

Table with columns: n, HHC*Fid, rgb_Fid, icr_Fid, Hs_Fid, rgb*Fid, LabC*Fid, cmyk*_sep,Fid, Lab*_Fid, Hs*_Fid, rgb*_Fid, LabC*_Fid, delta. Rows include color patches like R00Y, R01Y, B00R, etc.

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

TUB-test chart QE17; hue code: H*d=R50Yd
colors and differences, AE**

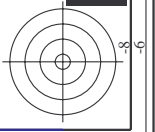
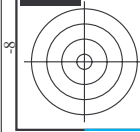
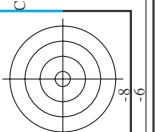
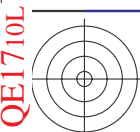
http://130.149.60.45/~farbmetrik/QE17/QE17LOFP.PDF /.PS; 3D-linearization F: 3D-linearization QE17/QE17LE30FP.DAT in file (F), page 27/33

Table with columns: n, HHC*Fid, rpb_Fid, icr_Fid, hsa_Fid, rpb*Fid, LabC0*Fid, cmy0*_sep,Fid, LabC0*_Fid, rpb*_Fid, hsa*_Fid, LabC0*_Fid, delta. Rows 567-647.

delta

Mean color difference of this page:

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



http://130.149.60.45/~farbmetrik/QE17/QE17LOFP.PDF /.PS; 3D-linearization F: 3D-linearization QE17/QE17LE30FP.DAT in file (F), page 28/33

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

Table with 16 columns: n, HHC*Fid, R30Y, R30M, R30C, R30B, R30G, R30R, R30O, R30P, R30Q, R30S, R30T, R30U, R30V, R30W. Rows 648-728.

delta

Mean color difference of this page:

QE170-TN; Page:28/33-F

TUB-test chart QE17; hue code: H*d=R50Yd colors and differences, ΔE*

http://130.149.60.45/~farbmetrik/QE17/QE17LOFP.PDF /.PS; 3D-linearization F: 3D-linearization QE17/QE17LE30FP.DAT in file (F), page 29/33

Table with 16 columns: n, H#C*Fad, rpb*Fad, icr*Fad, hsa*Fad, rpb*Fad, LabC*Fad, LabC*Fad, cmy0*sep.Fad, cmy0*sep.Fad, rpb*Fad, hsa*Fad, LabC*Fad, LabC*Fad, delta. Rows include color patches like NV_100ad, G50B_100.025ad, etc.

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

TUB-test chart QE17; hue code: H*d=R50Yd colors and differences, AE* *

http://130.149.60.45/~farbmetrik/QE17/QE17LOFP.PDF /.PS; 3D-linearization F: 3D-linearization QE17/QE17LE30FP.DAT in file (F), page 30/33

Table with 15 columns: n, HHC*Fid, rcp_Fid, icr_Fid, Hsa_Fid, rcp_Fid, LabCM*Fid, cmy0*_sep_Fid, rcp*_Fid, LabCM*_Fid, Hsa*_Fid, rcp*_Fid, LabCM*_Fid, delta. Rows include color names like NV, BOOR, YOCG, etc.

Mean color difference of this page: delta

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

QE170-7N; Page 30/33-F

TUB-test chart QE17; hue code: H*_d=R50Y_d colors and differences, AE*_*

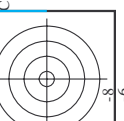
I-1032931-F0

n	HC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabC*Fid	cmyk*_sep_Fid	delta	hsa_Mid	rgb*_Mid	LabC*_Mid	0.0
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_087	0.875	0.875	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
893	NW_075	0.75	0.75	0.75	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
894	NW_062	0.625	0.625	0.625	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
895	NW_050	0.5	0.5	0.5	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
896	NW_037	0.375	0.375	0.375	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
897	NW_025	0.25	0.25	0.25	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
898	NW_012	0.125	0.125	0.125	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
899	NW_000	0.0	0.0	0.0	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
900	NW_087	0.875	0.875	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
901	NW_075	0.75	0.75	0.75	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
902	NW_062	0.625	0.625	0.625	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
903	NW_050	0.5	0.5	0.5	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
904	NW_037	0.375	0.375	0.375	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
905	NW_025	0.25	0.25	0.25	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
906	NW_012	0.125	0.125	0.125	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
907	NW_000	0.0	0.0	0.0	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
908	NW_087	0.875	0.875	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
909	NW_075	0.75	0.75	0.75	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
910	NW_062	0.625	0.625	0.625	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
911	NW_050	0.5	0.5	0.5	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
912	NW_037	0.375	0.375	0.375	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
913	NW_025	0.25	0.25	0.25	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
914	NW_012	0.125	0.125	0.125	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
915	NW_000	0.0	0.0	0.0	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
916	NW_087	0.875	0.875	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
917	NW_075	0.75	0.75	0.75	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
918	NW_062	0.625	0.625	0.625	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
919	NW_050	0.5	0.5	0.5	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
920	NW_037	0.375	0.375	0.375	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
921	NW_025	0.25	0.25	0.25	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
922	NW_012	0.125	0.125	0.125	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
923	NW_000	0.0	0.0	0.0	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
924	NW_087	0.875	0.875	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
925	NW_075	0.75	0.75	0.75	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
926	NW_062	0.625	0.625	0.625	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
927	NW_050	0.5	0.5	0.5	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
928	NW_037	0.375	0.375	0.375	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
929	NW_025	0.25	0.25	0.25	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
930	NW_012	0.125	0.125	0.125	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
931	NW_000	0.0	0.0	0.0	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
932	NW_087	0.875	0.875	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
933	NW_075	0.75	0.75	0.75	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
934	NW_062	0.625	0.625	0.625	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
935	NW_050	0.5	0.5	0.5	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
936	NW_037	0.375	0.375	0.375	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
937	NW_025	0.25	0.25	0.25	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
938	NW_012	0.125	0.125	0.125	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
939	NW_000	0.0	0.0	0.0	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
940	NW_087	0.875	0.875	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
941	NW_075	0.75	0.75	0.75	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
942	NW_062	0.625	0.625	0.625	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
943	NW_050	0.5	0.5	0.5	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
944	NW_037	0.375	0.375	0.375	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
945	NW_025	0.25	0.25	0.25	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
946	NW_012	0.125	0.125	0.125	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
947	NW_000	0.0	0.0	0.0	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
948	NW_087	0.875	0.875	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
949	NW_075	0.75	0.75	0.75	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
950	NW_062	0.625	0.625	0.625	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
951	NW_050	0.5	0.5	0.5	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
952	NW_037	0.375	0.375	0.375	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
953	NW_025	0.25	0.25	0.25	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
954	NW_012	0.125	0.125	0.125	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
955	NW_000	0.0	0.0	0.0	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
956	NW_087	0.875	0.875	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
957	NW_075	0.75	0.75	0.75	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
958	NW_062	0.625	0.625	0.625	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
959	NW_050	0.5	0.5	0.5	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
960	NW_037	0.375	0.375	0.375	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
961	NW_025	0.25	0.25	0.25	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
962	NW_012	0.125	0.125	0.125	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
963	NW_000	0.0	0.0	0.0	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0
964	NW_087	0.875	0.875	0.875	0.875	95.6	0.0	0.0	360	1.0	1.0	0.0
965	NW_075	0.75	0.75	0.75	0.75	95.6	0.0	0.0	360	1.0	1.0	0.0
966	NW_062	0.625	0.625	0.625	0.625	95.6	0.0	0.0	360	1.0	1.0	0.0
967	NW_050	0.5	0.5	0.5	0.5	95.6	0.0	0.0	360	1.0	1.0	0.0
968	NW_037	0.375	0.375	0.375	0.375	95.6	0.0	0.0	360	1.0	1.0	0.0
969	NW_025	0.25	0.25	0.25	0.25	95.6	0.0	0.0	360	1.0	1.0	0.0
970	NW_012	0.125	0.125	0.125	0.125	95.6	0.0	0.0	360	1.0	1.0	0.0
971	NW_000	0.0	0.0	0.0	0.0	95.6	0.0	0.0	360	1.0	1.0	0.0

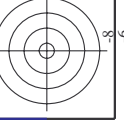
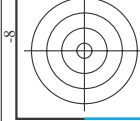
input: *rgb/cmyk* -> *rgbd*
 output: 3D-linearization to *cmy0** + *dd*

TUB-test chart QE17; hue code: H*_d=R50Y_d
 colors and differences, ΔE*
 I-1033031-F0

Mean color difference of this page:
 delta



n	HC*Fid	rgb_Fid	icr_Fid	Ins_Fid	rgb*Fid	LabC*Fid	cmy0*sep_Fid	Ins_did	rgb*did	LabC*did	delta
972	NW_0000ad	0.00	0.00	0.00	0.00	24.3	0.00	360	1.0	1.0	0.0
973	NW_0120ad	0.125	0.125	0.125	0.125	24.3	0.00	360	1.0	1.0	0.0
974	NW_0240ad	0.25	0.25	0.25	0.25	24.3	0.00	360	1.0	1.0	0.0
975	NW_0360ad	0.375	0.375	0.375	0.375	24.3	0.00	360	1.0	1.0	0.0
976	NW_0480ad	0.5	0.5	0.5	0.5	24.3	0.00	360	1.0	1.0	0.0
977	NW_0600ad	0.625	0.625	0.625	0.625	24.3	0.00	360	1.0	1.0	0.0
978	NW_0720ad	0.75	0.75	0.75	0.75	24.3	0.00	360	1.0	1.0	0.0
979	NW_0840ad	0.875	0.875	0.875	0.875	24.3	0.00	360	1.0	1.0	0.0
980	NW_1000ad	1.0	1.0	1.0	1.0	24.3	0.00	360	1.0	1.0	0.0
981	NW_0000ad	0.00	0.00	0.00	0.00	24.3	0.00	360	1.0	1.0	0.0
982	NW_0120ad	0.125	0.125	0.125	0.125	24.3	0.00	360	1.0	1.0	0.0
983	NW_0240ad	0.25	0.25	0.25	0.25	24.3	0.00	360	1.0	1.0	0.0
984	NW_0360ad	0.375	0.375	0.375	0.375	24.3	0.00	360	1.0	1.0	0.0
985	NW_0480ad	0.5	0.5	0.5	0.5	24.3	0.00	360	1.0	1.0	0.0
986	NW_0600ad	0.625	0.625	0.625	0.625	24.3	0.00	360	1.0	1.0	0.0
987	NW_0720ad	0.75	0.75	0.75	0.75	24.3	0.00	360	1.0	1.0	0.0
988	NW_0840ad	0.875	0.875	0.875	0.875	24.3	0.00	360	1.0	1.0	0.0
989	NW_1000ad	1.0	1.0	1.0	1.0	24.3	0.00	360	1.0	1.0	0.0
990	NW_0000ad	0.00	0.00	0.00	0.00	24.3	0.00	360	1.0	1.0	0.0
991	NW_0120ad	0.125	0.125	0.125	0.125	24.3	0.00	360	1.0	1.0	0.0
992	NW_0240ad	0.25	0.25	0.25	0.25	24.3	0.00	360	1.0	1.0	0.0
993	NW_0360ad	0.375	0.375	0.375	0.375	24.3	0.00	360	1.0	1.0	0.0
994	NW_0480ad	0.5	0.5	0.5	0.5	24.3	0.00	360	1.0	1.0	0.0
995	NW_0600ad	0.625	0.625	0.625	0.625	24.3	0.00	360	1.0	1.0	0.0
996	NW_0720ad	0.75	0.75	0.75	0.75	24.3	0.00	360	1.0	1.0	0.0
997	NW_0840ad	0.875	0.875	0.875	0.875	24.3	0.00	360	1.0	1.0	0.0
998	NW_1000ad	1.0	1.0	1.0	1.0	24.3	0.00	360	1.0	1.0	0.0
999	NW_0000ad	0.00	0.00	0.00	0.00	24.3	0.00	360	1.0	1.0	0.0
1000	NW_0120ad	0.125	0.125	0.125	0.125	24.3	0.00	360	1.0	1.0	0.0
1001	NW_0240ad	0.25	0.25	0.25	0.25	24.3	0.00	360	1.0	1.0	0.0
1002	NW_0360ad	0.375	0.375	0.375	0.375	24.3	0.00	360	1.0	1.0	0.0
1003	NW_0480ad	0.5	0.5	0.5	0.5	24.3	0.00	360	1.0	1.0	0.0
1004	NW_0600ad	0.625	0.625	0.625	0.625	24.3	0.00	360	1.0	1.0	0.0
1005	NW_0720ad	0.75	0.75	0.75	0.75	24.3	0.00	360	1.0	1.0	0.0
1006	NW_0840ad	0.875	0.875	0.875	0.875	24.3	0.00	360	1.0	1.0	0.0
1007	NW_1000ad	1.0	1.0	1.0	1.0	24.3	0.00	360	1.0	1.0	0.0
1008	NW_0000ad	0.00	0.00	0.00	0.00	24.3	0.00	360	1.0	1.0	0.0
1009	NW_0120ad	0.125	0.125	0.125	0.125	24.3	0.00	360	1.0	1.0	0.0
1010	NW_0240ad	0.25	0.25	0.25	0.25	24.3	0.00	360	1.0	1.0	0.0
1011	NW_0360ad	0.375	0.375	0.375	0.375	24.3	0.00	360	1.0	1.0	0.0
1012	NW_0480ad	0.5	0.5	0.5	0.5	24.3	0.00	360	1.0	1.0	0.0
1013	NW_0600ad	0.625	0.625	0.625	0.625	24.3	0.00	360	1.0	1.0	0.0
1014	NW_0720ad	0.75	0.75	0.75	0.75	24.3	0.00	360	1.0	1.0	0.0
1015	NW_0840ad	0.875	0.875	0.875	0.875	24.3	0.00	360	1.0	1.0	0.0
1016	NW_1000ad	1.0	1.0	1.0	1.0	24.3	0.00	360	1.0	1.0	0.0
1017	NW_0000ad	0.00	0.00	0.00	0.00	24.3	0.00	360	1.0	1.0	0.0
1018	NW_0120ad	0.125	0.125	0.125	0.125	24.3	0.00	360	1.0	1.0	0.0
1019	NW_0240ad	0.25	0.25	0.25	0.25	24.3	0.00	360	1.0	1.0	0.0
1020	NW_0360ad	0.375	0.375	0.375	0.375	24.3	0.00	360	1.0	1.0	0.0
1021	NW_0480ad	0.5	0.5	0.5	0.5	24.3	0.00	360	1.0	1.0	0.0
1022	NW_0600ad	0.625	0.625	0.625	0.625	24.3	0.00	360	1.0	1.0	0.0
1023	NW_0720ad	0.75	0.75	0.75	0.75	24.3	0.00	360	1.0	1.0	0.0
1024	NW_0840ad	0.875	0.875	0.875	0.875	24.3	0.00	360	1.0	1.0	0.0
1025	NW_1000ad	1.0	1.0	1.0	1.0	24.3	0.00	360	1.0	1.0	0.0
1026	NW_0000ad	0.00	0.00	0.00	0.00	24.3	0.00	360	1.0	1.0	0.0
1027	NW_0120ad	0.125	0.125	0.125	0.125	24.3	0.00	360	1.0	1.0	0.0
1028	NW_0240ad	0.25	0.25	0.25	0.25	24.3	0.00	360	1.0	1.0	0.0
1029	NW_0360ad	0.375	0.375	0.375	0.375	24.3	0.00	360	1.0	1.0	0.0
1030	NW_0480ad	0.5	0.5	0.5	0.5	24.3	0.00	360	1.0	1.0	0.0
1031	NW_0600ad	0.625	0.625	0.625	0.625	24.3	0.00	360	1.0	1.0	0.0
1032	NW_0720ad	0.75	0.75	0.75	0.75	24.3	0.00	360	1.0	1.0	0.0
1033	NW_0840ad	0.875	0.875	0.875	0.875	24.3	0.00	360	1.0	1.0	0.0
1034	NW_1000ad	1.0	1.0	1.0	1.0	24.3	0.00	360	1.0	1.0	0.0
1035	NW_0000ad	0.00	0.00	0.00	0.00	24.3	0.00	360	1.0	1.0	0.0
1036	NW_0120ad	0.125	0.125	0.125	0.125	24.3	0.00	360	1.0	1.0	0.0
1037	NW_0240ad	0.25	0.25	0.25	0.25	24.3	0.00	360	1.0	1.0	0.0
1038	NW_0360ad	0.375	0.375	0.375	0.375	24.3	0.00	360	1.0	1.0	0.0
1039	NW_0480ad	0.5	0.5	0.5	0.5	24.3	0.00	360	1.0	1.0	0.0
1040	NW_0600ad	0.625	0.625	0.625	0.625	24.3	0.00	360	1.0	1.0	0.0
1041	NW_0720ad	0.75	0.75	0.75	0.75	24.3	0.00	360	1.0	1.0	0.0
1042	NW_0840ad	0.875	0.875	0.875	0.875	24.3	0.00	360	1.0	1.0	0.0
1043	NW_1000ad	1.0	1.0	1.0	1.0	24.3	0.00	360	1.0	1.0	0.0
1044	NW_0000ad	0.00	0.00	0.00	0.00	24.3	0.00	360	1.0	1.0	0.0
1045	NW_0120ad	0.125	0.125	0.125	0.125	24.3	0.00	360	1.0	1.0	0.0
1046	NW_0240ad	0.25	0.25	0.25	0.25	24.3	0.00	360	1.0	1.0	0.0
1047	NW_0360ad	0.375	0.375	0.375	0.375	24.3	0.00	360	1.0	1.0	0.0
1048	NW_0480ad	0.5	0.5	0.5	0.5	24.3	0.00	360	1.0	1.0	0.0
1049	NW_0600ad	0.625	0.625	0.625	0.625	24.3	0.00	360	1.0	1.0	0.0
1050	NW_0720ad	0.75	0.75	0.75	0.75	24.3	0.00	360	1.0	1.0	0.0
1051	NW_0840ad	0.875	0.875	0.875	0.875	24.3	0.00	360	1.0	1.0	0.0
1052	NW_1000ad	1.0	1.0	1.0	1.0	24.3	0.00	360	1.0	1.0	0.0



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

TUB-test chart QE17; hue code: H*_d=R50Y_d colors and differences, AE*_*

Mean color difference of this page:

delta

TUB registration: 20130201-QE17/QE17L0FP.PDF /.PS application for measurement of offset print output, separation cmy0* (CMY0)

TUB material: code=rha4ta

n	HC*Fid	rgb*Fid	icr*Fid	hsa*Fid	rgb*Fid	LabC0*Fid	cmyp*sep*Fid	cmyp*Fid	0.099	0.0	delta	LabC0*Fid	rgb*Fid	hsa*Fid	cmyp*Fid	0.0	0.0
1053	NW_0860ad	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.173	0.099	0.0	0.866	1.0	360	0.173	0.099	0.0
1054	NW_0975ad	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.09	0.05	0.0	0.933	1.0	360	0.09	0.05	0.0
1055	NW_1000ad	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	1.0	1.0	360	0.0	0.0	0.0
1056	NW_1000ad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	1.0	360	1.0	1.0	0.0
1057	NW_1006ad	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.935	0.825	0.0	0.066	1.0	360	0.935	0.825	0.0
1058	NW_0135ad	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.879	0.725	0.0	0.133	1.0	360	0.879	0.725	0.0
1059	NW_0260ad	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.799	0.661	0.0	0.266	1.0	360	0.799	0.661	0.0
1060	NW_0260ad	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.731	0.571	0.0	0.333	1.0	360	0.731	0.571	0.0
1061	NW_0353ad	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.682	0.485	0.0	0.4	1.0	360	0.682	0.485	0.0
1062	NW_0460ad	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.574	0.404	0.0	0.466	1.0	360	0.574	0.404	0.0
1063	NW_0575ad	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.509	0.354	0.0	0.533	1.0	360	0.509	0.354	0.0
1064	NW_0575ad	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.442	0.278	0.0	0.6	1.0	360	0.442	0.278	0.0
1065	NW_0660ad	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.377	0.228	0.0	0.666	1.0	360	0.377	0.228	0.0
1066	NW_0734ad	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.314	0.186	0.0	0.734	1.0	360	0.314	0.186	0.0
1067	NW_0860ad	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.252	0.153	0.0	0.8	1.0	360	0.252	0.153	0.0
1068	NW_0860ad	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.173	0.108	0.0	0.866	1.0	360	0.173	0.108	0.0
1069	NW_0975ad	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.09	0.05	0.0	0.933	1.0	360	0.09	0.05	0.0
1070	NW_1000ad	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	1.0	1.0	360	0.0	0.0	0.0
1071	NW_1000ad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	1.0	360	1.0	1.0	0.0
1072	NW_1000ad	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	1.0	1.0	360	0.0	0.0	0.0
1073	ROY_100_100ad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0
1074	ROY_100_100ad	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	1.0	1.0	360	0.0	0.0	0.0
1075	GS0B_100_100ad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	389	0.0	0.0	0.0
1076	Y06C_100_100ad	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	1.0	1.0	210	0.0	0.0	0.0
1077	BY0C_100_100ad	0.0	0.0	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
1078	BY0C_100_100ad	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.999	0.0	0.0	1.0	1.0	270	0.999	0.0	0.0
1079	BS0R_100_100ad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	1.0	330	1.0	1.0	0.0
1079	BS0R_100_100ad	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	1.0	1.0	330	0.0	0.0	0.0

see similar files: <http://130.149.60.45/~farbmetrik/QE17/QE17.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

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

TUB-test chart QE17; hue code: H*_d=R50Y_d
colors and differences, ΔE**
I=1033231-F0