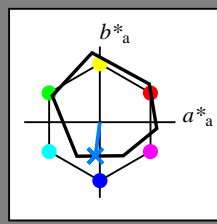


Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 262/360 = 0.72$

$H^*_ = G75B_$

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

$HIC^*_$
hue text for the colours of this page:
 $H^*_ = G75B_$
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):

$LabCh^*_{-,Ma}$: 45 -5 -44 44 262

$HIC^*_{-,Ma}$: G75B_100_100_

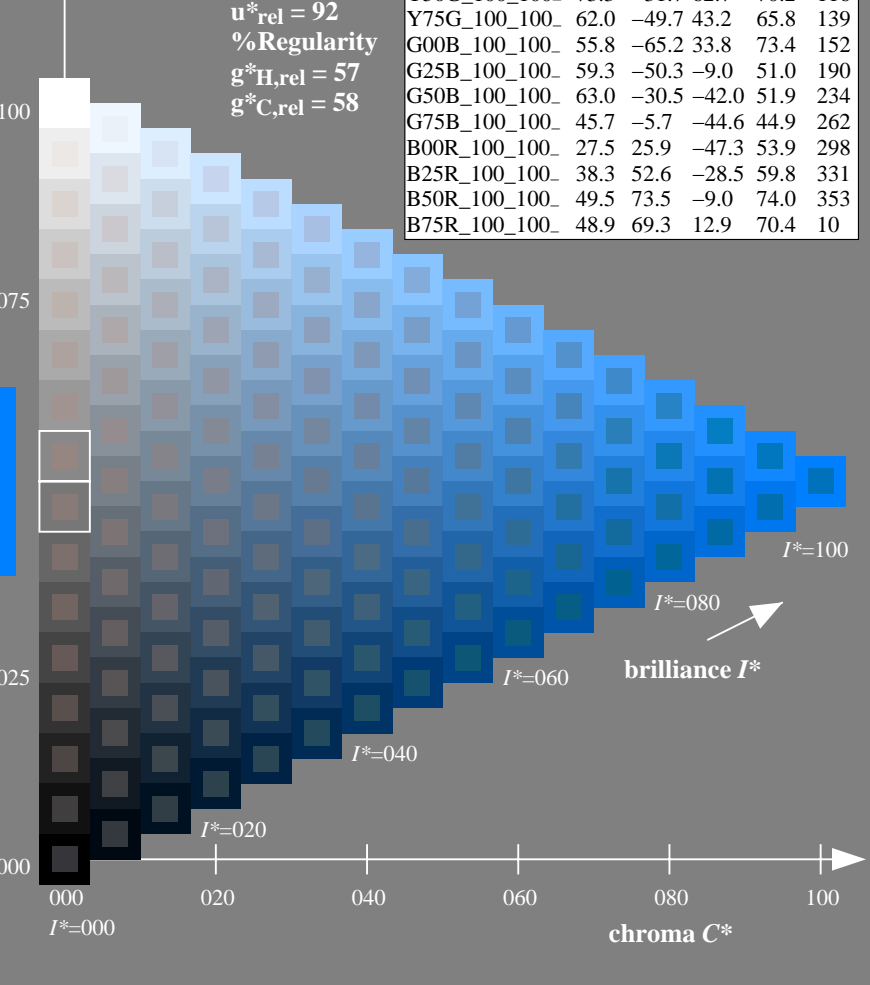
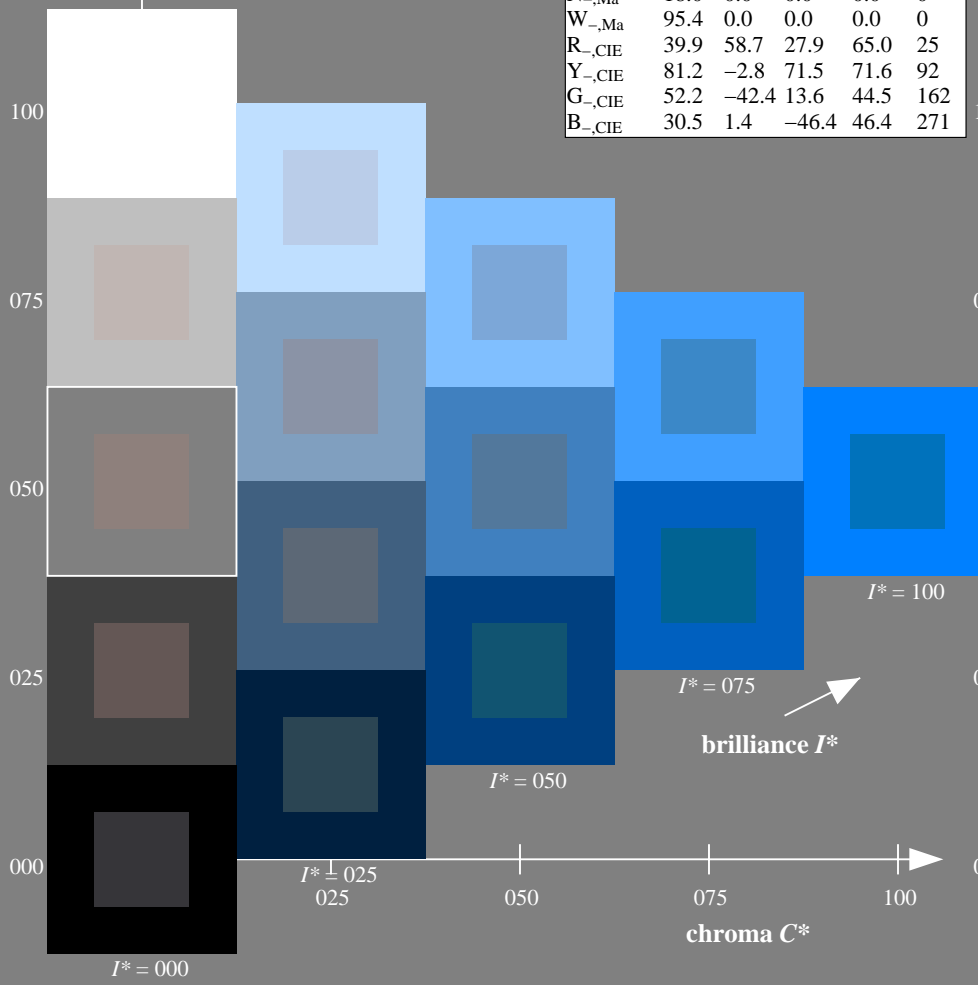
$rgbic^*_{-,Ma}$:

0.0 0.5 1.0 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/RE08/RE08LOFP.PDF> /.PS; start output
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

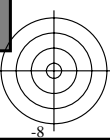
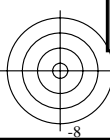
TUB registration: 20150701-RE08/RE08LOFP.PDF /.PS
application for measurement of offset print output

TUB material: code=rh4ta

1-113031-L0 RE080-7N

TUB-test chart RE08; hue code: $H^*_ = G75B_$
Test chart according to DIN 33872, 3D=1, de=1, cm_y0^*

input: $rgb/cmyk \rightarrow rgb/cmyk$
output: no change

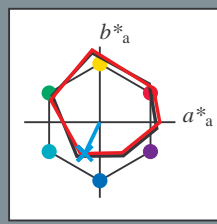


Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 244/360 = 0.67$

$H^*_e = G75B_e$

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

HIC^*_e
hue text for the colours of this page:
 $H^*_e = G75B_e$
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

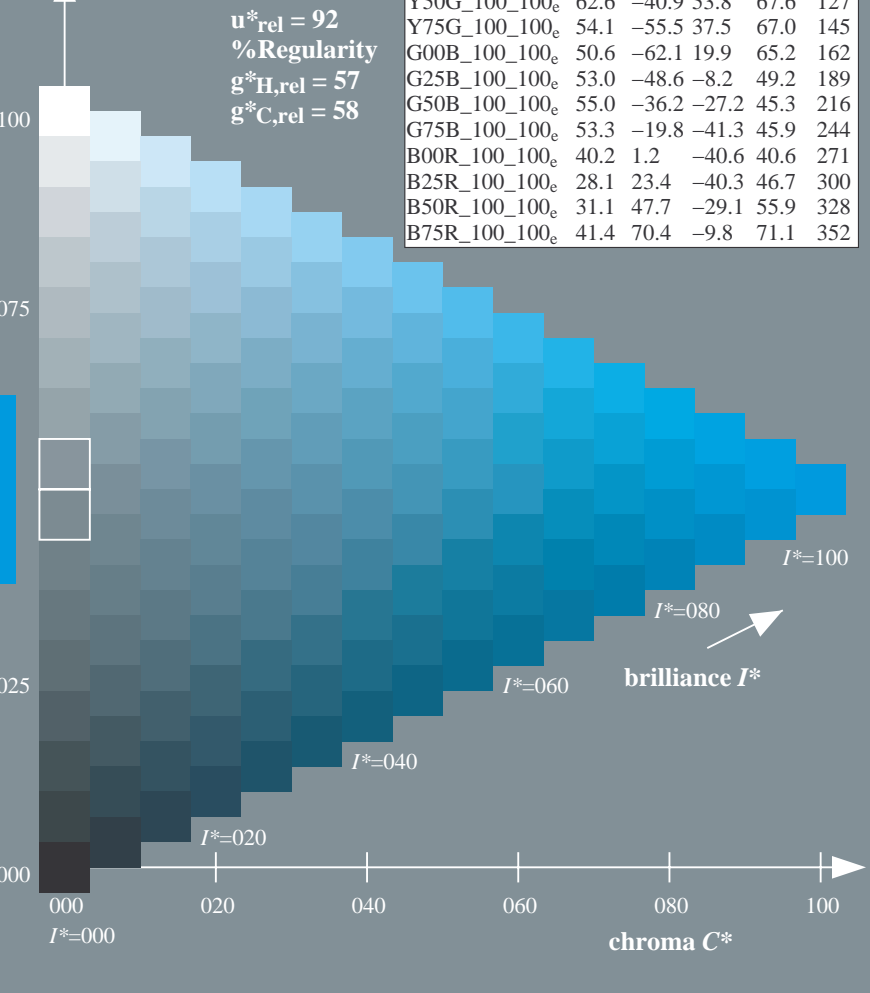
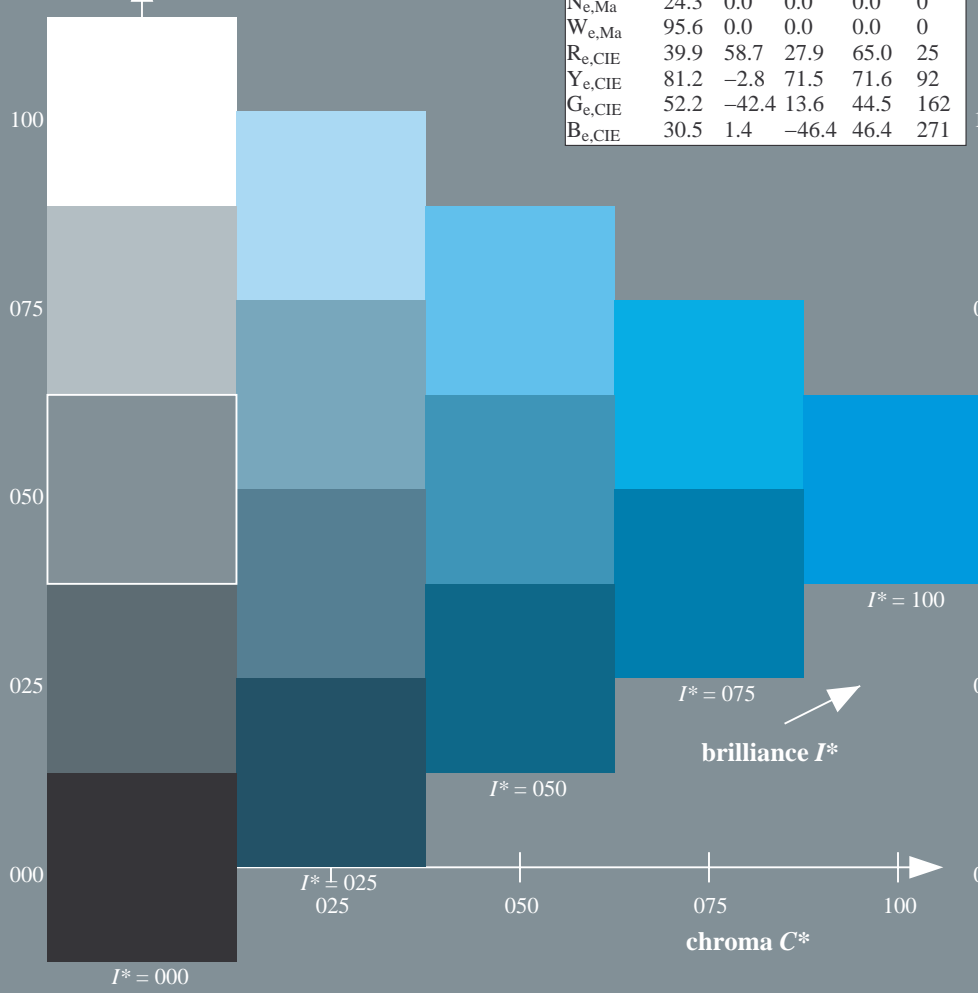
Data for maximum colour (Ma):

$LabCh^*_e, Ma: 53 -19 -41 45 244$
 $HIC^*_e, Ma: G75B_{100}_{100}_e$
 $rgbic^*_e, Ma:$
0.0 0.84 1.0 1.0 1.0

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

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



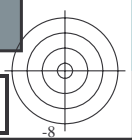
see similar files: <http://130.149.60.45/~farbmetrik/RE08/RE08LOFP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE08/RE08LOFP.PDF / .PS
application for measurement of offset print output, separation $cmY0^*$ (CMY0)
TUB material: code=rh4ta

1-113131-L0 RE080-73

TUB-test chart RE08; hue code: $H^*_e=G75B_e$
Test chart according to DIN 33872, 3D=1, de=1, $cmY0^*$

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

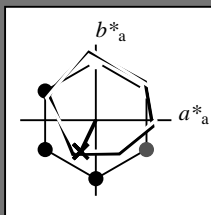


Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 244/360 = 0.67$

$H^*_e = G75B_e$

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

HIC^*_e
 hue text for the colours of this page:
 $H^*_e = G75B_e$
 triangle lightness T^*



ORS20a; adapted (a) CIELAB data					
name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{e,Ma}	45.6	72.2	34.4	80.0	25
Y _{e,Ma}	83.6	-3.6	90.4	90.4	92
G _{e,Ma}	50.6	-62.1	19.9	65.2	162
C _{e,Ma}	55.0	-36.2	-27.2	45.3	216
B _{e,Ma}	40.2	1.2	-40.6	40.6	271
M _{e,Ma}	31.1	47.7	-29.1	55.9	328
N _{e,Ma}	24.3	0.0	0.0	0.0	0
W _{e,Ma}	95.6	0.0	0.0	0.0	0
R _{e,CIE}	39.9	58.7	27.9	65.0	25
Y _{e,CIE}	81.2	-2.8	71.5	71.6	92
G _{e,CIE}	52.2	-42.4	13.6	44.5	162
B _{e,CIE}	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):

$LabCh^*_{e,Ma}: 53 \ -19 \ -41 \ 45 \ 244$

$HIC^*_{e,Ma}: G75B_100_100_e$

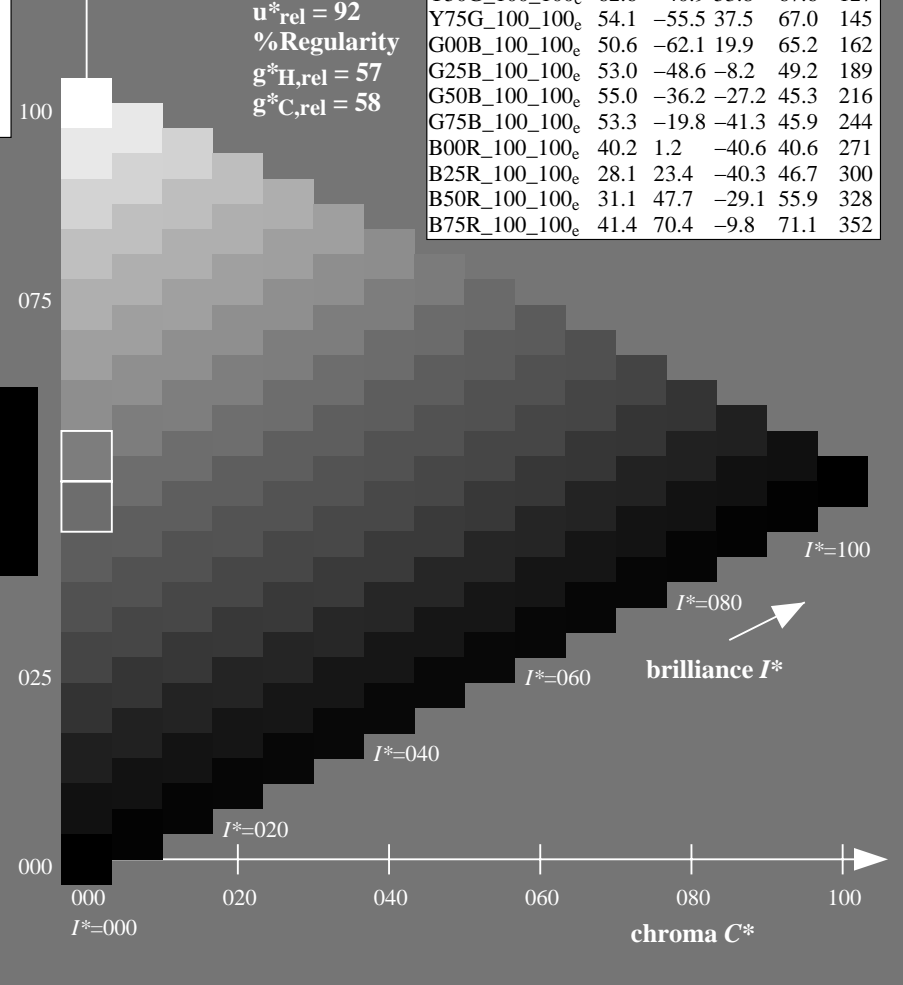
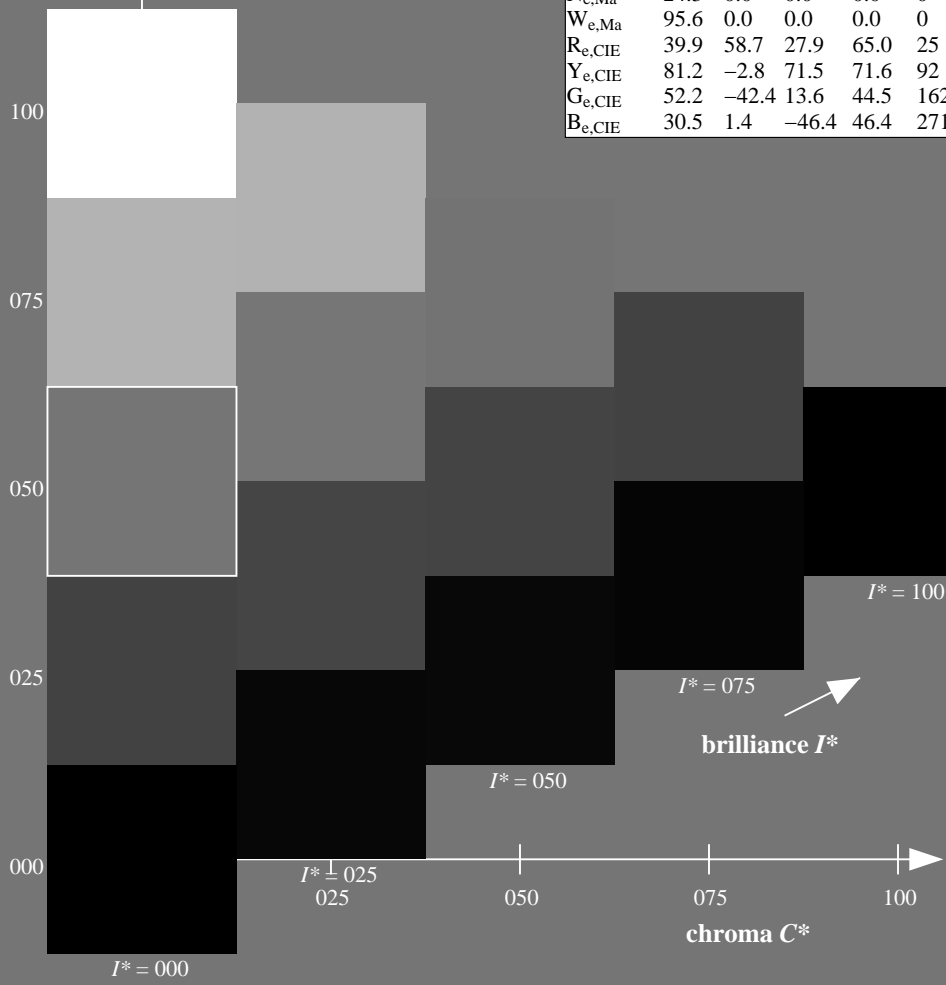
$rgbic^*_{e,Ma}$:

0.0 0.84 1.0 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

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



1-113231-L0 RE080-73

TUB-test chart RE08; hue code: $H^*_e=G75B_e$
 Test chart according to DIN 33872, 3D=1, de=1, $cmY0^*$

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

see similar files: <http://130.149.60.45/~farbmetrik/RE08/RE08LOFP.PDF> / .PS
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE08/RE08LOFP.PDF / .PS
 application for measurement of offset print output, separation $cmY0^*$ (CMY0)
 TUB material: code=rh4ta

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 244/360 = 0.67$

$H^*_e = G75B_e$

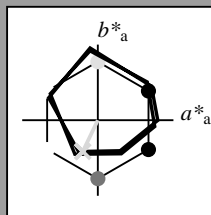
Data for any device (d) or elementary (e) colour:

HIC^*_e

hue text for the colours of this page:

$H^*_e = G75B_e$

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):

$LabCh^*_{e, Ma}: 53 \ -19 \ -41 \ 45 \ 244$

$HIC^*_{e, Ma}: G75B_100_100_e$

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

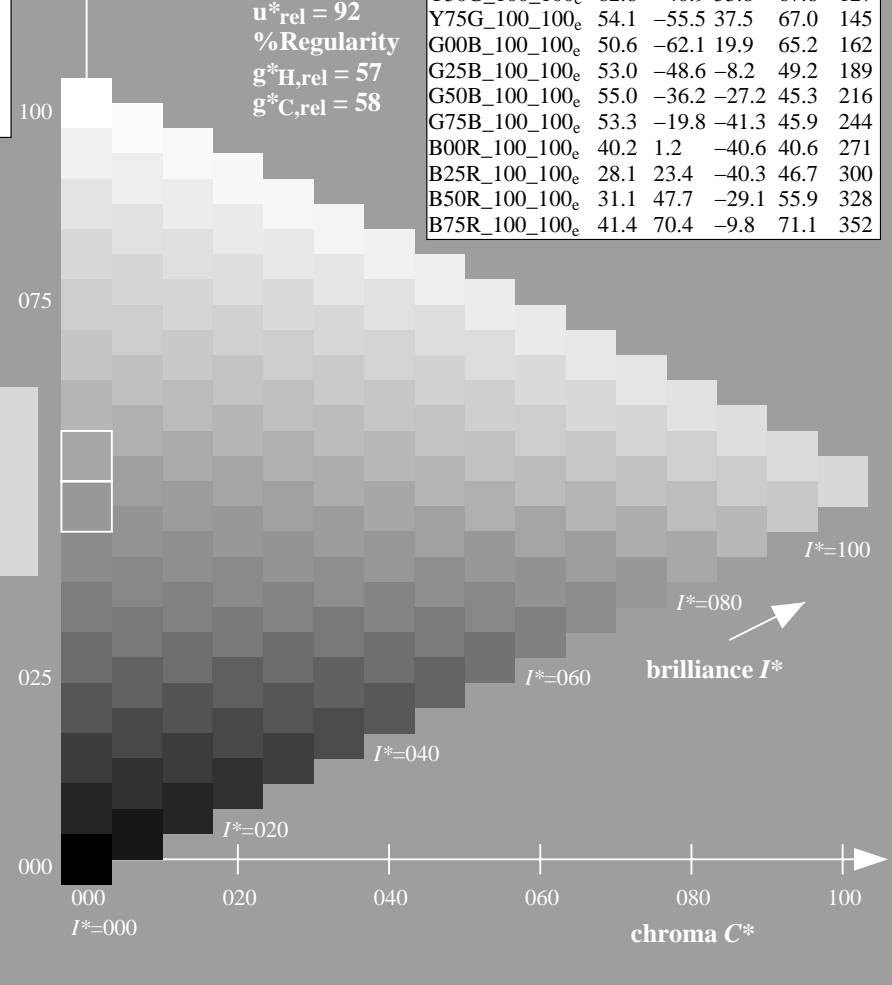
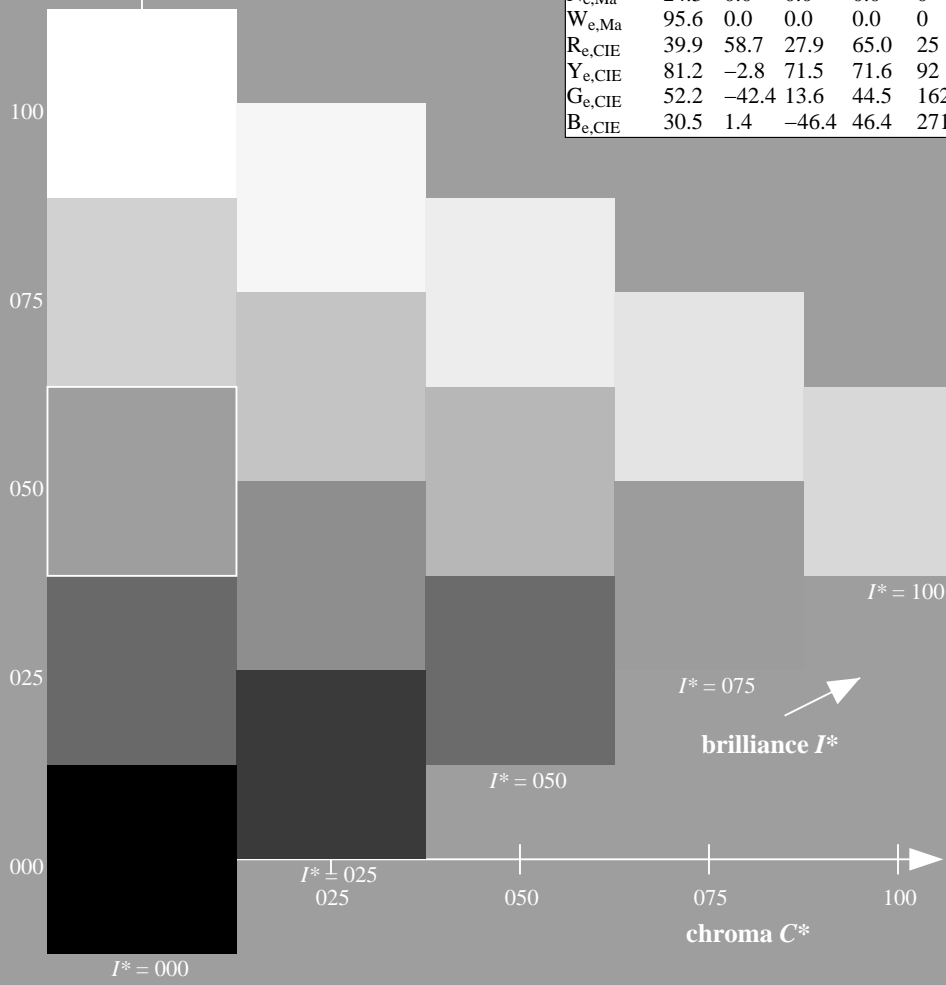
0.0 0.84 1.0 1.0 1.0

triangle lightness T^*

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

ORS20a; adapted (a) CIELAB data

H^*_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/RE08/RE08LOFP.PDF> / .PS; 3D-linearization
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE08/RE08LOFP.PDF /.PS
 application for measurement of offset print output, separation $cmY0^*$ (CMY0)

TUB material: code=rh4ta

1-113331-L0 RE080-73

TUB-test chart RE08; hue code: $H^*_e = G75B_e$
 Test chart according to DIN 33872, 3D=1, de=1, $cmY0^*$

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

1-113331-F0

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 244/360 = 0.67$

$H^*_e = G75B_e$

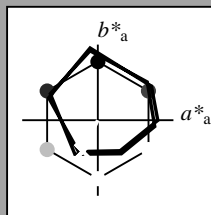
Data for any device (d) or elementary (e) colour:

HIC^*_e

hue text for the colours of this page:

$H^*_e = G75B_e$

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):

$LabCh^*_{e, Ma}: 53 \ -19 \ -41 \ 45 \ 244$

$HIC^*_{e, Ma}: G75B_100_100_e$

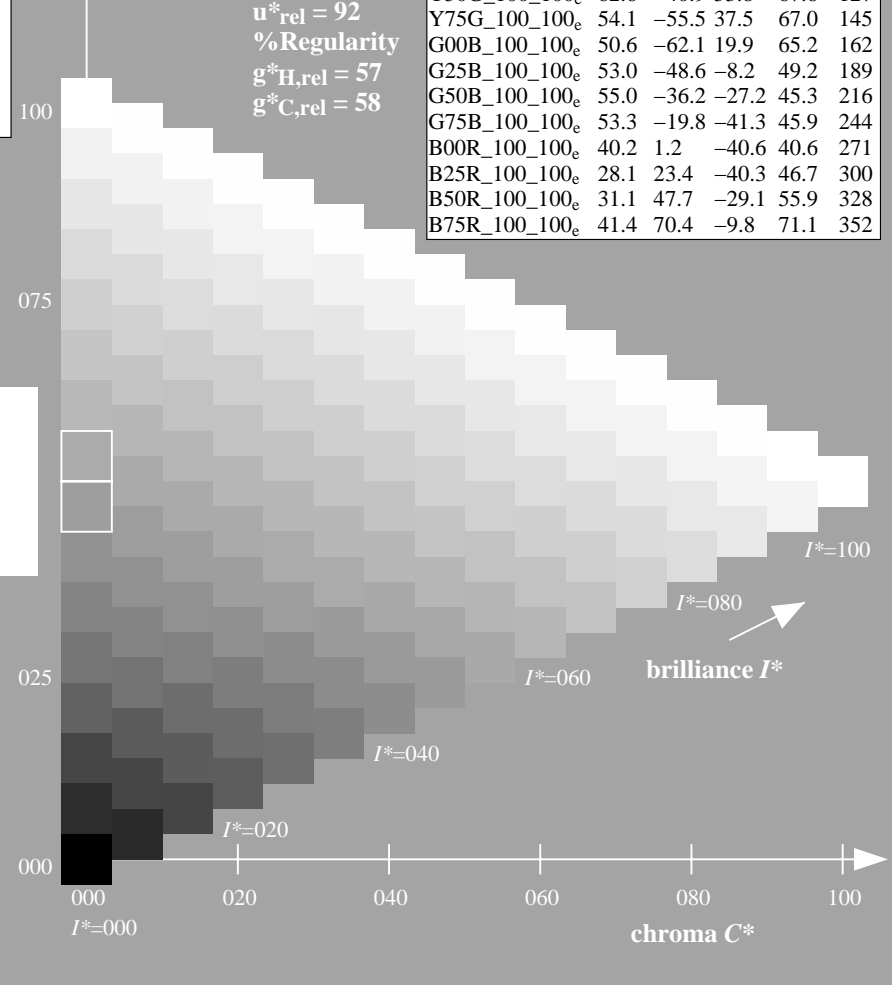
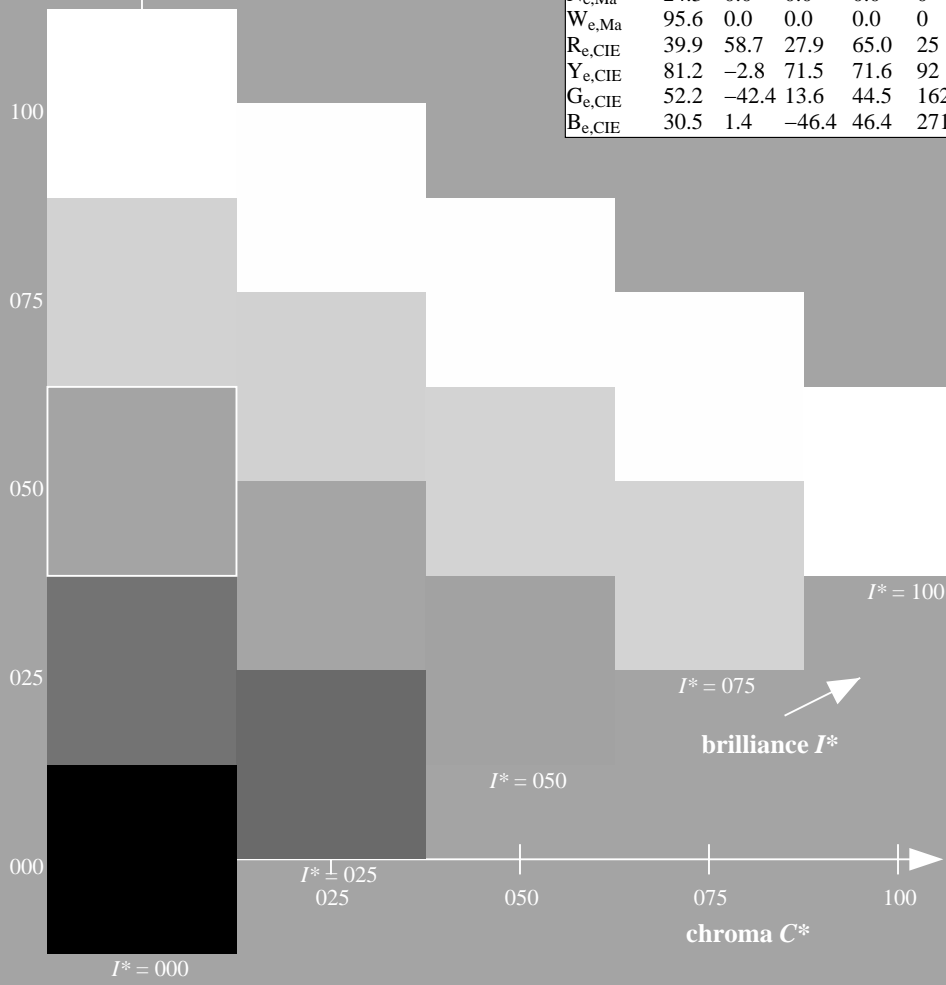
$rgbic^*_{e, Ma}: 0.0 \ 0.84 \ 1.0 \ 1.0 \ 1.0$

triangle lightness T^*

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

ORS20a; adapted (a) CIELAB data

H^*_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



1-113431-L0 RE080-73

TUB-test chart RE08; hue code: $H^*_e=G75B_e$
 Test chart according to DIN 33872, 3D=1, de=1, $cmY0^*$

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

see similar files: http://130.149.60.45/~farbmetrik/RE08/RE08LOFP.PDF /.PS; 3D-linearization
 technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20150701-RE08/RE08LOFP.PDF /.PS
 application for measurement of offset print output, separation $cmY0^*$ (CMY0)
 TUB material: code=rh4ta

TUB registration: 20150701-RE08/RE08L0FP.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/RE08/RE08L0FP.PDF>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

1-113531-L0 RE080-73

TUB-test chart RE08; hue code: $H^*_e=G75B_e$
Test chart according to DIN 33872, 3D=1, $de=1$, $cmY0^*$

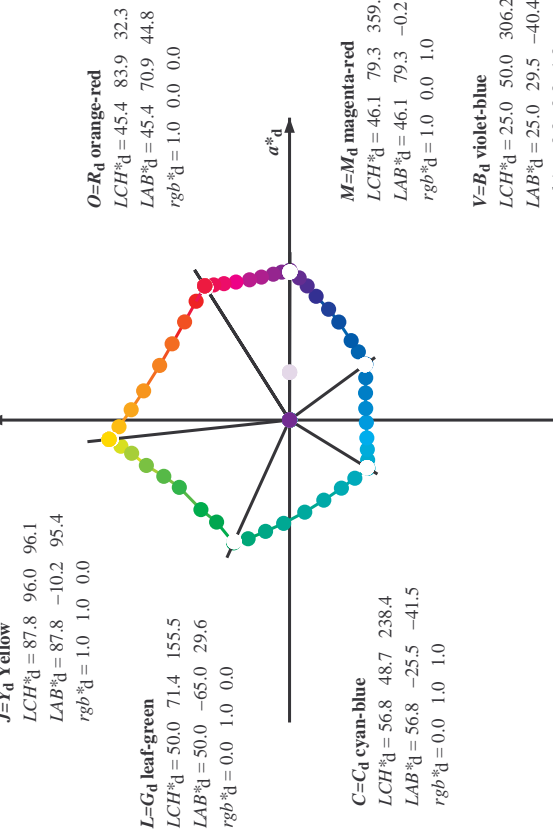
input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmY0^*_{de}$



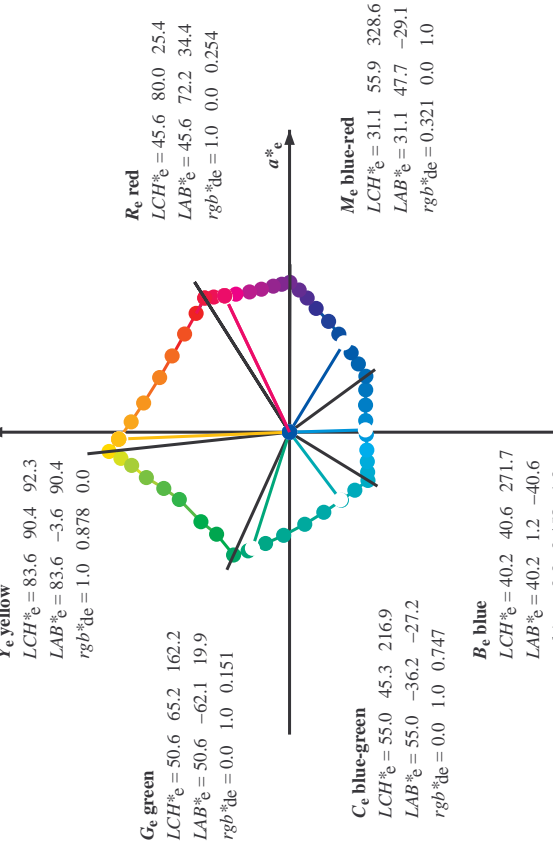
Data of Maximum color, M in colorimetric system Offset standard print; separation cmy0*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM_s: $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

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: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

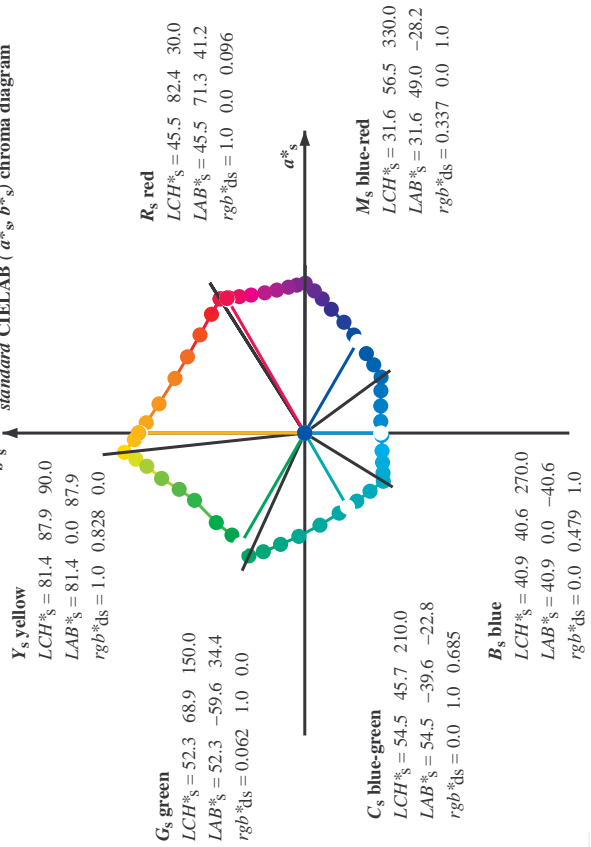
J=Y_d Yellow
device CIELAB (a^*_d, b^*_d) chroma diagram



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

$$h_{ab,s} = \text{atan} \left[\frac{r^*_s \cos(30) + g^*_s \cos(150)}{r^*_s \sin(30) + g^*_s \sin(150)} + b^*_s \sin(270) \right] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles $h_{ab,i}$ 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:

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

$$h_{360ab,ij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$
- For the 48 or 360 elementary hue angles $h_{ab,i}$ 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:

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

$$h_{360ab,ej} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$
- For any elementary hue angle $h_{ab,i}$ there is a well defined device hue angle $h_{ab,ds}$ see the following tables, columns 1 to 5 or 1 to 4.
- The values rgb^*_s produce the output of the device-independent elementary hues

I=113631-L0 RE080-73 LAB*la0, YN=0%, XY,Znw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*rw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

TUB-test chart RE08; hue code: H*_e=G75B_e
48 step hue circles; $rgb-LabCh$ *tables

input: $rgb/cmyk \rightarrow rgbde$
output: 3D-linearization to $cmy0^*de$

Output: Offset standard print; separation $cmy0^*$; D65, page 7/33

http://130.149.60.45/~farbmetrik/RE08/RE08LOFP.PDF /.PS; 3D-linearization F: 3D-linearization RE08/RE08LE30FP.DAT in file (F), page 12/33

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 RYGBM; h_ab,ds = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;

Table with 16 columns: h_ab,d, h_ab,s, h_ab,e, Lab* dxs361M, Lab* dds361M, Lab* ds361MI, Lab* dsx361MI (x=LabCh), Lab* ds361MI (x=LabCh), Lab* dds361MI (x=LabCh), Lab* ds361MI (x=LabCh), Lab* dsx361MI (x=LabCh), Lab* dds361MI (x=LabCh), Lab* ds361MI (x=LabCh), Lab* dsx361MI (x=LabCh), Lab* dds361MI (x=LabCh), Lab* ds361MI (x=LabCh). Rows 114-167.

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

http://130.149.60.45/~farbmetrik/RE08/RE08LOFP.PDF /.PS; 3D-linearization F: 3D-linearization RE08/RE08LE30FP.DAT in file (F), page 13/33

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 RYGBM; h_ab,ds = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;

Table with columns: h_ab,d, h_ab,s, h_ab,e, rgb%_ds361MI, LAB*_ds361MI (x=LabCh), rgb%_dd361MI, LAB*_dd361MI (x=LabCh), rgb%_de361MI, LAB*_de361MI (x=LabCh), rgb%_dd361MI, LAB*_dd361MI (x=LabCh), rgb%_de361MI, LAB*_de361MI (x=LabCh). Rows 167-238.

LAB*at0, YN=0%, XY Znw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*rw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

TUB-test chart RE08; hue code: H*_e=G75Be 48 step hue circles; rgb-LabCh*tables input: rgb/cmyk -> rgbde output: 3D-linearization to cmy0*de

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

http://130.149.60.45/~farbmetrik/RE08/RE08LOFP.PDF /.PS; 3D-linearization F: 3D-linearization RE08/RE08LE30FP.DAT in file (F), page 16/33

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 RYGBM_d; h_{ab,d} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;

Table with 10 columns: h_{ab,d}, h_{ab,s}, L*ab,s, L*ab,d, L*a*s, L*a*d, L*b*s, L*b*d, L*c*s, L*c*d. Rows 340-366.

LAB*_s d*361M, LAB*_d d*361M, LAB*_s d*361M (x=LabCh), LAB*_d d*361M (x=LabCh), rg b*_s, rg b*_d, rg b*_s d*361M, rg b*_d d*361M, rg b*_s d*361M (x=LabCh), rg b*_d d*361M (x=LabCh), rg b*_s d*361M, rg b*_d d*361M, rg b*_s d*361M, rg b*_d d*361M

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

http://130.149.60.45/~farbmetrik/RE08/RE08LOFP.PDF /.PS; 3D-linearization F: 3D-linearization RE08/RE08LE30FP.DAT in file (F), page 19/33

Table with columns: nuf, HHC*Fde, R00Y_100_100de, R25Y_100_100de, R50Y_100_100de, R75Y_100_100de, Y00C_100_100de, Y25C_100_100de, Y50C_100_100de, Y75C_100_100de, C00B_100_100de, C25B_100_100de, C50B_100_100de, C75B_100_100de, B00M_100_100de, B25M_100_100de, B50M_100_100de, B75M_100_100de, R00Y_100_050de, R25Y_100_050de, R50Y_100_050de, R75Y_100_050de, Y00C_100_050de, Y25C_100_050de, Y50C_100_050de, Y75C_100_050de, C00B_100_050de, C25B_100_050de, C50B_100_050de, C75B_100_050de, B00M_100_050de, B25M_100_050de, B50M_100_050de, B75M_100_050de, NW_000de, NW_015de, NW_025de, NW_035de, NW_045de, NW_055de, NW_065de, NW_075de, NW_085de, NW_100de. Rows contain numerical data for each color and density combination.

Mean color difference of this page: delta

Registration marks and technical information: input: rgb/cmyk -> rgbde output: 3D-linearization to cmy0*de, TUB-test chart RE08; hue code: H*_e=G75Be colors and differences, ΔE*^{*}

http://130.149.60.45/~farbmetrik/RE08/RE08LOFP.PDF /.PS; 3D-linearization F: 3D-linearization RE08/RE08LE30FP.DAT in file (F), page 20/33

Table with 10 columns: #, HHC*File, rgb*File, LabC*File, LabCH*File, cmy0*sep, LabCH*File, Hsb*File, rgb*File, LabCH*File, delta. It contains 80 rows of color calibration data.

Mean color difference of this page: delta

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

TUB-test chart RE08; hue code: H_e=G75Be colors and differences, ΔE*

http://130.149.60.45/~farbmetrik/RE08/RE08LOFP.PDF /.PS; 3D-linearization F: 3D-linearization RE08/RE08LE30FP.DAT in file (F), page 21/33

Table with 16 columns: n, HHC*File, rgb*File, icr*File, hsa*File, rgb*File, LabC0*File, LabC1*File, cmy0*sep*File, hsa*File, hsa*File, LabC0*File, LabC1*File, delta, and 16 unlabeled columns. It contains color calibration data for various color patches.

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

http://130.149.60.45/~farbmetrik/RE08/RE08LOFP.PDF /.PS; 3D-linearization F: 3D-linearization RE08/RE08LE30FP.DAT in file (F), page 22/33

Table with 24 columns: n, HHC*File, rgb_Role, icr_File, Hsa_Fate, rgp*File, LabCh*File, cmy0*sep_Rate, Hsa_De, rgb*File, LabCh*File, delta. Rows 162-242 list various color patches and their corresponding colorimetric data.

Mean color difference of this page: delta

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

TUB-test chart RE08; hue code: H_e=G75Be colors and differences, ΔE*

http://130.149.60.45/~farbmetrik/RE08/RE08LOFP.PDF /.PS; 3D-linearization F: 3D-linearization RE08/RE08LE30FP.DAT in file (F), page 23/33

Table with 15 columns: n, HHC*File, rgb*File, icr*File, Hsa*File, rgp*File, LabC0*File, LabC0*File, cmy0*sep, cmy0*sep, LabC0*File, Hsa*File, rgp*File, LabC0*File, delta. Rows 243-323.

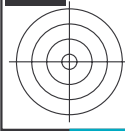
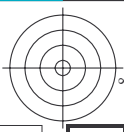
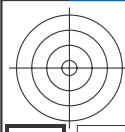
Mean color difference of this page:

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

http://130.149.60.45/~farbmetrik/RE08/RE08LOFP.PDF /.PS; 3D-linearization F: 3D-linearization RE08/RE08LE30FP.DAT in file (F), page 24/33

Table with 15 columns: n, HHC*File, rgb*File, iet*File, Hsa*File, rgb*File, LabC*File, cmy0*sep, File, LabC*File, Hsa*File, rgb*File, LabC*File, delta. Rows include color names like R00Y, R00M, B00R, etc.

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



http://130.149.60.45/~farbmetrik/RE08/RE08LOFP.PDF /.PS; 3D-linearization F: 3D-linearization RE08/RE08LE30FP.DAT in file (F), page 25/33

Table with 15 columns: n, HHC*File, rgb*File, iet*File, Hsa*File, rgp*File, LabC0*File, LabC1*File, cmy0*sep, File, LabC2*File, LabC3*File, LabC4*File, LabC5*File, LabC6*File, LabC7*File. Rows 405-485.

Mean color difference of this page:

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

RE080-TN, Page 25/33-F

TUB-test chart RE08; hue code: H*e=G75Be colors and differences, ΔE*

http://130.149.60.45/~farbmetrik/RE08/RE08LOFP.PDF /.PS; 3D-linearization F: 3D-linearization RE08/RE08LE30FP.DAT in file (F), page 26/33

Table with 20 columns: n, HHC*File, rpb_Role, icr_File, Hsa_Fate, rpb*File, LabCM*File, LabCM*Sep, cmy0*Sep, LabCM*File, Hsa_Fate, rpb*File, LabCM*File, LabCM*Sep, cmy0*Sep, LabCM*File, Hsa_Fate, rpb*File, LabCM*File, LabCM*Sep, cmy0*Sep, delta. Rows include color names like R00Y, R35Y, R50Y, etc.

Mean color difference of this page:

TUB-test chart RE08; hue code: H*_e=G75Be colors and differences, ΔE*_{ab} input: rgb/cmyk -> rgbde output: 3D-linearization to cmy0*de

http://130.149.60.45/~farbmetrik/RE08/RE08LOFP.PDF /.PS; 3D-linearization F: 3D-linearization RE08/RE08LE30FP.DAT in file (F), page 27/33

Table with 15 columns: n, HHC*File, rgb*File, icr*File, hsa*File, rgp*File, LabC0*File, LabC1*File, cmy0*sep, File, LabC2*File, LabC3*File, LabC4*File, LabC5*File, LabC6*File, LabC7*File. Rows 567-647.

Mean color difference of this page: delta

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

RE080-TN, Page 27/33-F

TUB-test chart RE08; hue code: H*_e=G75Be colors and differences, ΔE*_a*

http://130.149.60.45/~farbmetrik/RE08/RE08LOFP.PDF /.PS; 3D-linearization F: 3D-linearization RE08/RE08LE30FP.DAT in file (F), page 29/33

Table with 15 columns: n, HHC*File, rpb*File, icr*File, hsa*File, rpb*File, LabC0*File, cmy0*sep,File, rpb*File, hsa*File, LabC0*File, delta. Rows include color names like NV_1000c, G50B_100.025a, etc.

Mean color difference of this page: delta

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

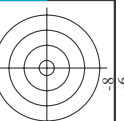
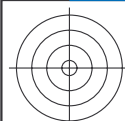
TUB-test chart RE08; hue code: H*_e=G75Be colors and differences, ΔE*_a*

http://130.149.60.45/~farbmetrik/RE08/RE08LOFP.PDF /.PS; 3D-linearization F: 3D-linearization RE08/RE08LE30FP.DAT in file (F), page 30/33

Table with 15 columns: n, HHC*File, rpb_Role, icr_File, hsa_File, rpb*File, LabC0*File, cmy0*sep_Role, hsa_Side, rpb*Side, LabC0*Side, LabC0*File, LabC0*Side, LabC0*File, LabC0*Side. Rows include color names like NV, BOOR, YOCG, etc.

Mean color difference of this page: delta

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

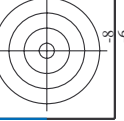


http://130.149.60.45/~farbmetrik/RE08/RE08L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization RE08/RE08L0FP.DAT in file (F), page 31/33

Table with 15 columns: n, HHC*File, rgp*File, icr*File, hsa*File, rgp*File, LabC0*File, cmy0*sep,File, cmyp*sep,File, LabC1*File, hsa*File, rgp*File, LabC2*File, delta. Contains data for various color patches (e.g., 891-971) and their corresponding colorimetric values.

Mean color difference of this page:

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





n	HHC*File	rgb*File	icT*File	hs_*File	rgb*File	LabC0*File	cmy0*_sep*File	cmyp*_sep*File	Hs_*File	rgb*File	LabC0*File	cmyp*_sep*File	cmyp*_sep*File	Hs_*File	rgb*File	LabC0*File	cmyp*_sep*File	cmyp*_sep*File	Hs_*File	rgb*File	LabC0*File	cmyp*_sep*File	cmyp*_sep*File	cmyp*_sep*File
1053	NW_086de	0.866	0.866	0.866	0.866	86.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1054	NW_093de	0.933	0.933	0.933	0.933	90.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1055	NW_100de	1.0	1.0	1.0	1.0	95.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1056	NW_000de	0.0	0.0	0.0	0.0	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1057	NW_006de	0.066	0.066	0.066	0.066	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1058	NW_013de	0.133	0.133	0.133	0.133	33.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1059	NW_020de	0.2	0.2	0.2	0.2	38.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1060	NW_026de	0.266	0.266	0.266	0.266	43.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1061	NW_033de	0.333	0.333	0.333	0.333	48.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1062	NW_040de	0.4	0.4	0.4	0.4	52.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1063	NW_046de	0.466	0.466	0.466	0.466	57.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1064	NW_053de	0.533	0.533	0.533	0.533	62.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1065	NW_060de	0.6	0.6	0.6	0.6	67.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1066	NW_066de	0.666	0.666	0.666	0.666	71.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1067	NW_073de	0.734	0.734	0.734	0.734	76.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1068	NW_080de	0.8	0.8	0.8	0.8	81.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1069	NW_086de	0.866	0.866	0.866	0.866	86.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1070	NW_093de	0.933	0.933	0.933	0.933	90.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1071	NW_100de	1.0	1.0	1.0	1.0	95.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1072	NW_000de	0.0	0.0	0.0	0.0	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1073	ROY_100_100de	1.0	1.0	1.0	1.0	95.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1074	ROY_100_100de	1.0	1.0	1.0	1.0	95.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0
1075	GS0B_100_100de	0.0	0.0	0.0	0.0	45.6	72.2	34.4	80.0	25.4	0.0	0.0	0.0	375	0.0	0.0	0.0	0.0	375	0.0	0.0	0.0	0.0	0.0
1076	Y06G_100_100de	1.0	1.0	1.0	1.0	0.0	-36.2	-27.2	45.3	216.9	0.0	0.0	0.0	195	0.0	0.0	0.0	0.0	195	0.0	0.0	0.0	0.0	0.0
1077	B00C_100_100de	0.0	0.0	0.0	0.0	83.6	-3.6	90.4	92.3	0.0	0.0	0.0	0.0	83	1.0	0.878	0.0	83.6	-3.6	90.4	92.3	0.0	0.0	0.0
1078	B00R_100_100de	0.0	0.0	0.0	0.0	40.2	1.2	18.0	40.6	271.7	0.0	0.0	0.0	248	0.0	0.438	1.0	40.2	1.2	18.0	40.6	0.0	0.0	0.0
1079	B50R_100_100de	1.0	1.0	1.0	1.0	50.6	92.1	18.0	45.2	22.2	0.0	0.0	0.0	288	0.321	0.151	0.0	50.6	92.1	18.0	45.2	0.0	0.0	0.0
1079	B50R_100_100de	1.0	1.0	1.0	1.0	31.1	47.7	-29.1	55.9	328.6	0.0	0.0	0.0	288	0.321	0.151	0.0	31.1	47.7	-29.1	55.9	0.0	0.0	0.0

Mean color difference of this page: delta