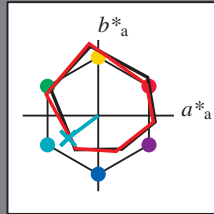


Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 216/360 = 0.6$

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

HIC^*_e
hue text for the colours
of this page:
 $H^*_e = G50B_e$
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}	47.6	64.9	30.9	71.9
Y _{e, Ma}	82.9	-3.5	87.8	87.9
G _{e, Ma}	52.4	-67.1	21.5	70.5
C _{e, Ma}	56.6	-39.7	-29.9	49.8
B _{e, Ma}	37.9	1.3	-45.4	45.4
M _{e, Ma}	34.8	49.2	-30.0	57.7
N _{e, Ma}	17.7	0.0	0.0	0.0
W _{e, Ma}	95.4	0.0	0.0	0.0
R _{e, CIE}	39.9	58.7	27.9	65.0
Y _{e, CIE}	81.2	-2.8	71.5	71.6
G _{e, CIE}	52.2	-42.4	13.6	44.5
B _{e, CIE}	30.5	1.4	-46.4	46.4

Data for maximum colour (Ma):

$LabCh^*_{e, Ma}: 56 \ -39 \ -29 \ 49 \ 216$

$HIC^*_{e, Ma}: G50B_100_100_e$

$rgbic^*_{e, Ma}: 0.0 \ 1.0 \ 0.73 \ 1.0 \ 1.0$

triangle lightness T^*

$0.0 \ 1.0 \ 0.73 \ 1.0 \ 1.0$

ORS20a; adapted (a) CIELAB data

H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100 _e	47.6	64.9	30.9	71.9
R25Y_100_100 _e	51.5	54.2	47.2	71.9
R50Y_100_100 _e	60.3	35.6	59.0	68.9
R75Y_100_100 _e	70.4	17.0	72.2	74.1
Y00G_100_100 _e	82.9	-3.5	87.8	87.9
Y25G_100_100 _e	76.9	-25.5	75.9	80.1
Y50G_100_100 _e	65.8	-41.4	54.4	68.3
Y75G_100_100 _e	56.9	-56.3	38.1	68.0
G00B_100_100 _e	52.4	-67.1	21.5	70.5
G25B_100_100 _e	54.6	-53.2	-9.0	53.9
G50B_100_100 _e	56.6	-39.7	-29.9	49.8
G75B_100_100 _e	52.7	-21.1	-44.1	48.9
B00R_100_100 _e	37.9	1.3	-45.4	45.4
B25R_100_100 _e	26.7	26.6	-45.8	52.9
B50R_100_100 _e	34.8	49.2	-30.0	57.7
B75R_100_100 _e	47.3	71.5	-9.9	72.1

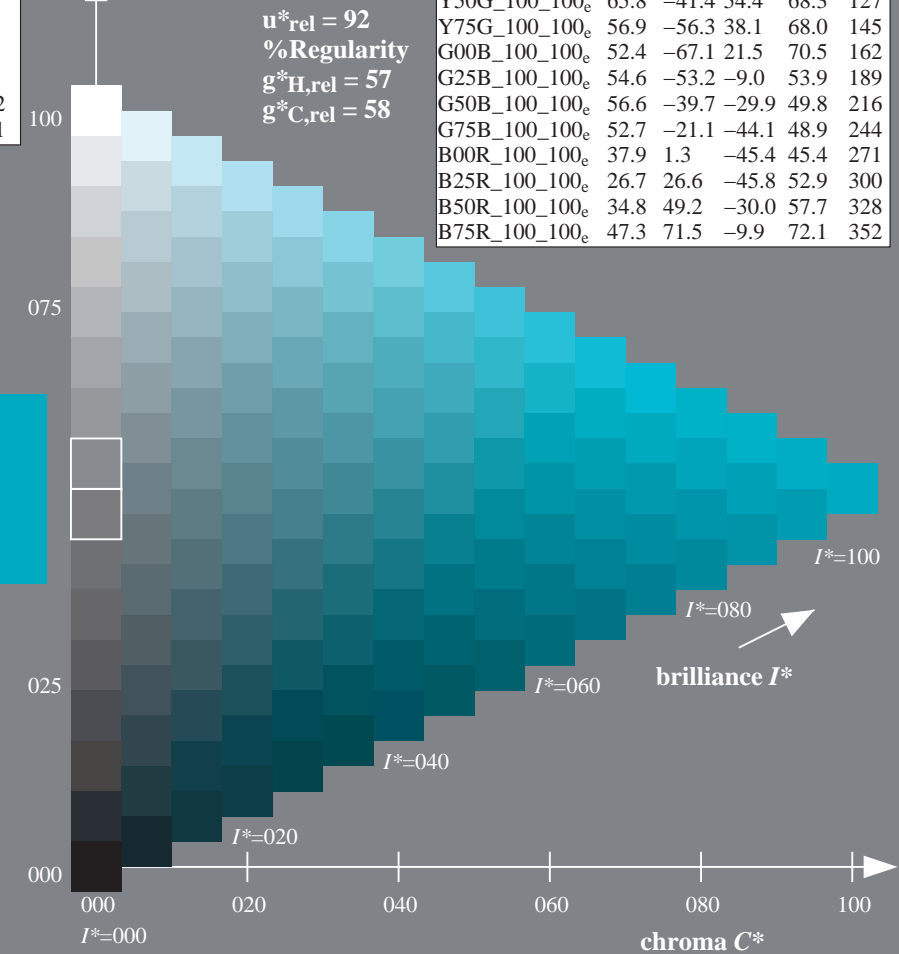
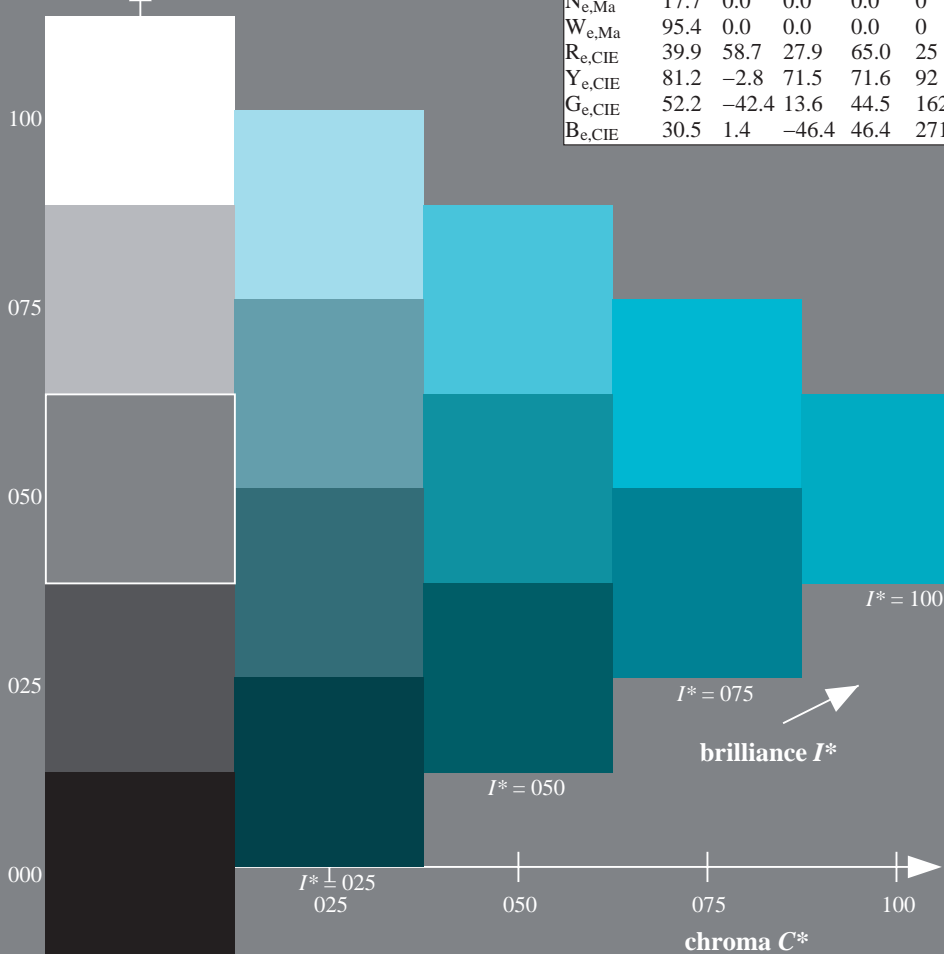
%Gamut

$u^*_{rel} = 92$

%Regularity

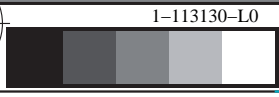
$g^*_{H,rel} = 57$

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



see similar files: <http://130.149.60.45/~farbmetrik/QE93/QE93L0FP.PDF> / .PS; 3D-linearization
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE93/QE93L0FP.PDF /.PS
application for measurement of offset print output, separationcmyk6* (CMYK)
TUB material: code=thadata



TUB-test chart QE93; hue code: $H^*_e=G50B_e$
Test chart according to DIN 33872, 3D=1, de=1, cmyk*

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

