

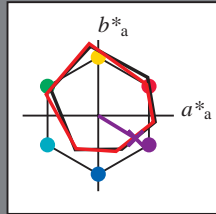
see similar files: <http://130.149.60.45/~farbmetrik/RE33/RE33LOFP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE33/RE33LOFP.PDF /.PS
application for measurement of offset print output, separation cmyk* (CMYK)
TUB material: code=thadata

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 328/360 = 0.91$

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

HIC^*_e
hue text for the colours
of this page:
 $H^*_e = B50R_e$
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	25
Y _{e, Ma}	82.9	-3.5	87.8	87.9	92
G _{e, Ma}	52.4	-67.1	21.5	70.5	162
C _{e, Ma}	56.6	-39.7	-29.9	49.8	216
B _{e, Ma}	37.9	1.3	-45.4	45.4	271
M _{e, Ma}	34.8	49.2	-30.0	57.7	328
N _{e, Ma}	17.7	0.0	0.0	0.0	0
W _{e, Ma}	95.4	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):

$LabCh^*_{e, Ma}$: 34 49 -30 57 328

$HIC^*_{e, Ma}$: B50R_100_100_e

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

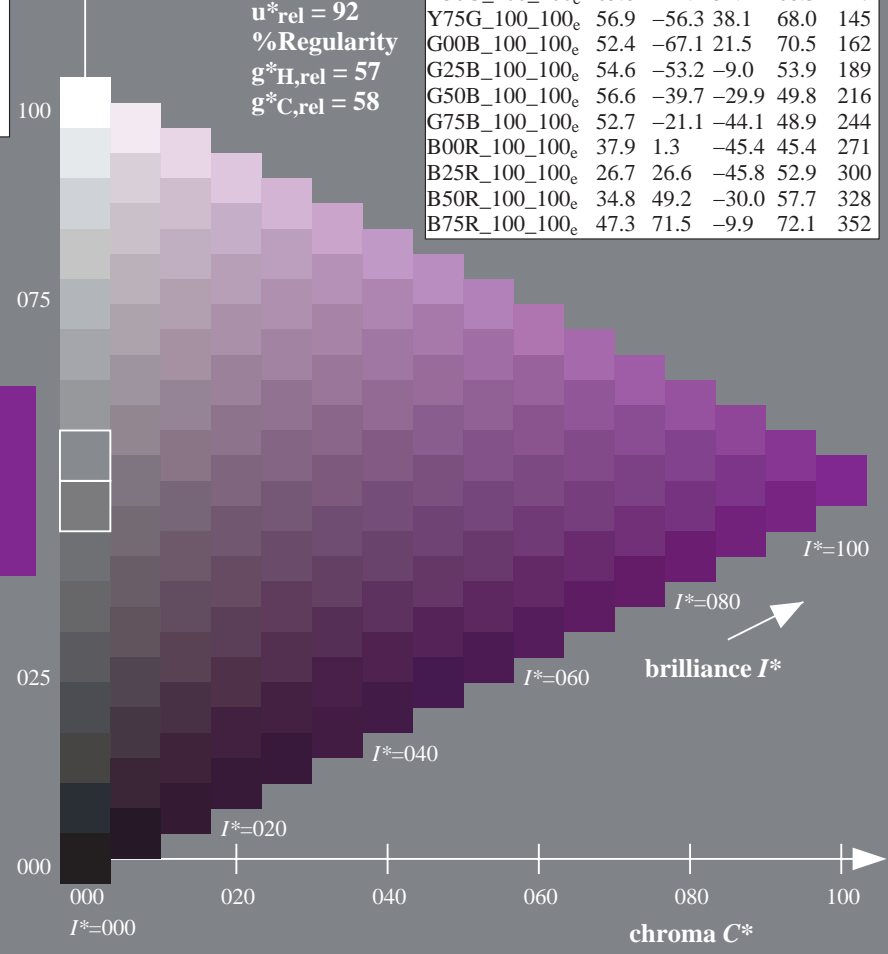
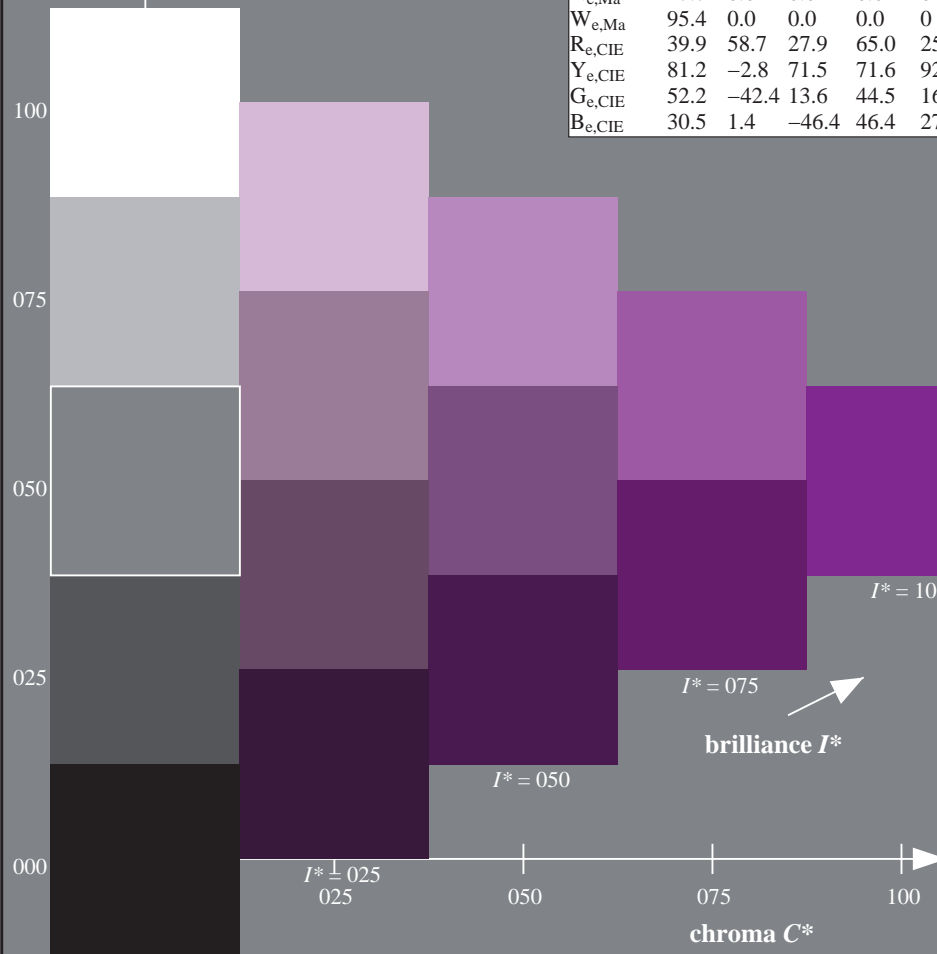
0.4 0.0 1.0 1.0 1.0

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	47.6	64.9	30.9	71.9	25
R25Y_100_100 _e	51.5	54.2	47.2	71.9	41
R50Y_100_100 _e	60.3	35.6	59.0	68.9	58
R75Y_100_100 _e	70.4	17.0	72.2	74.1	76
Y00G_100_100 _e	82.9	-3.5	87.8	87.9	92
Y25G_100_100 _e	76.9	-25.5	75.9	80.1	108
Y50G_100_100 _e	65.8	-41.4	54.4	68.3	127
Y75G_100_100 _e	56.9	-56.3	38.1	68.0	145
G00B_100_100 _e	52.4	-67.1	21.5	70.5	162
G25B_100_100 _e	54.6	-53.2	-9.0	53.9	189
G50B_100_100 _e	56.6	-39.7	-29.9	49.8	216
G75B_100_100 _e	52.7	-21.1	-44.1	48.9	244
B00R_100_100 _e	37.9	1.3	-45.4	45.4	271
B25R_100_100 _e	26.7	26.6	-45.8	52.9	300
B50R_100_100 _e	34.8	49.2	-30.0	57.7	328
B75R_100_100 _e	47.3	71.5	-9.9	72.1	352

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



1-113130-L0 RE330-73

TUB-test chart RE33; hue code: $H^*_e = B50R_e$
Test chart according to DIN 33872, 3D=1, de=1, $cmyk^*$

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

1-113130-F0