

http://130.149.60.45/~farbmatrik/RE20/RE20L0NP.PDF /.PS; transfer output

N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 2/2

see similar files: <http://130.149.60.45/~farbmatrik/RE20/RE20L0NP.PDF /.PS>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

Input and Output: Television Luminous System TLS00a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 300/360 = 0.83$

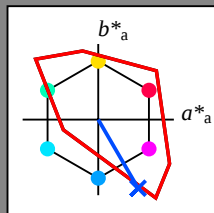
Data for any device (d) or elementary (e) colour:

HIC_e^*

hue text for the colours
of this page:

$H_e^* = B25R_e$

triangle lightness T^*



TLS00a; adapted (a) CIELAB data					
name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_e, Ma	50.9	78.3	37.3	86.7	25
Y_e, Ma	83.7	-3.4	84.5	84.5	92
G_e, Ma	85.1	-64.6	20.7	67.9	162
C_e, Ma	79.0	-34.2	-25.7	42.8	216
B_e, Ma	59.2	1.7	-56.6	56.6	271
M_e, Ma	57.1	94.1	-57.4	110.3	328
N_e, Ma	0.0	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):

$LabCh^*_{e, Ma}$: 38 52 -90 104 300

$HIC^*_{e, Ma}$: B25R_100_100_e

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

0.0 0.27 1.0 1.0 1.0

triangle lightness T^*

% Gamut

$u^*_{rel} = 158$

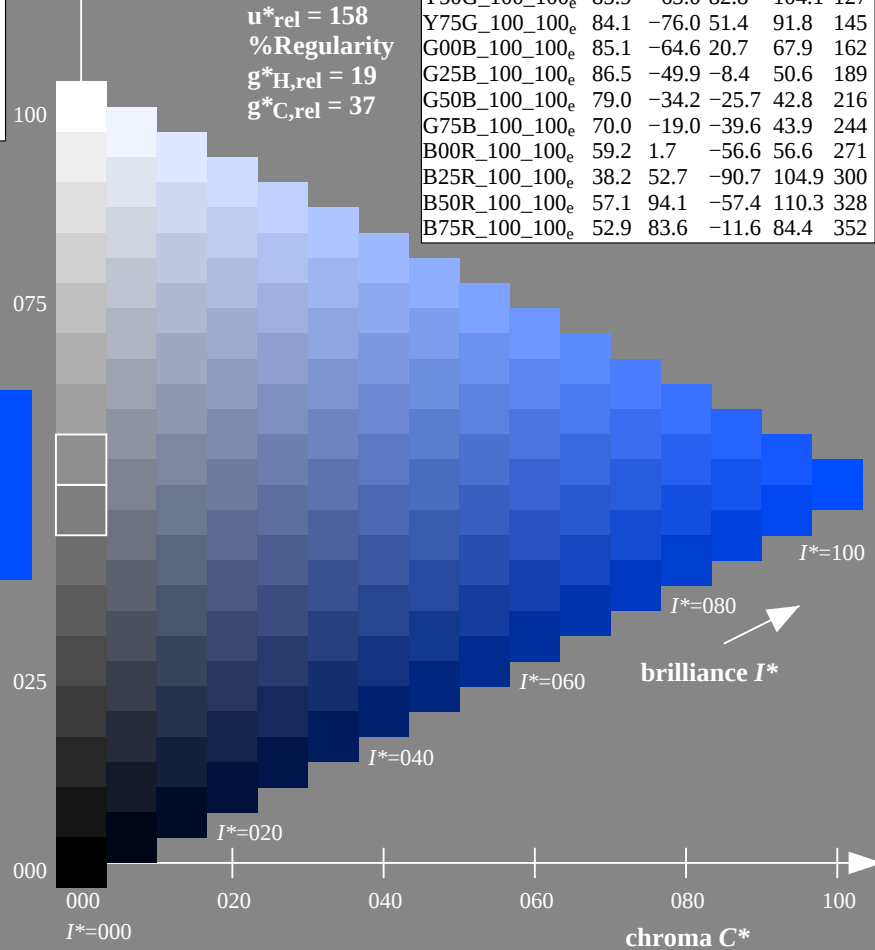
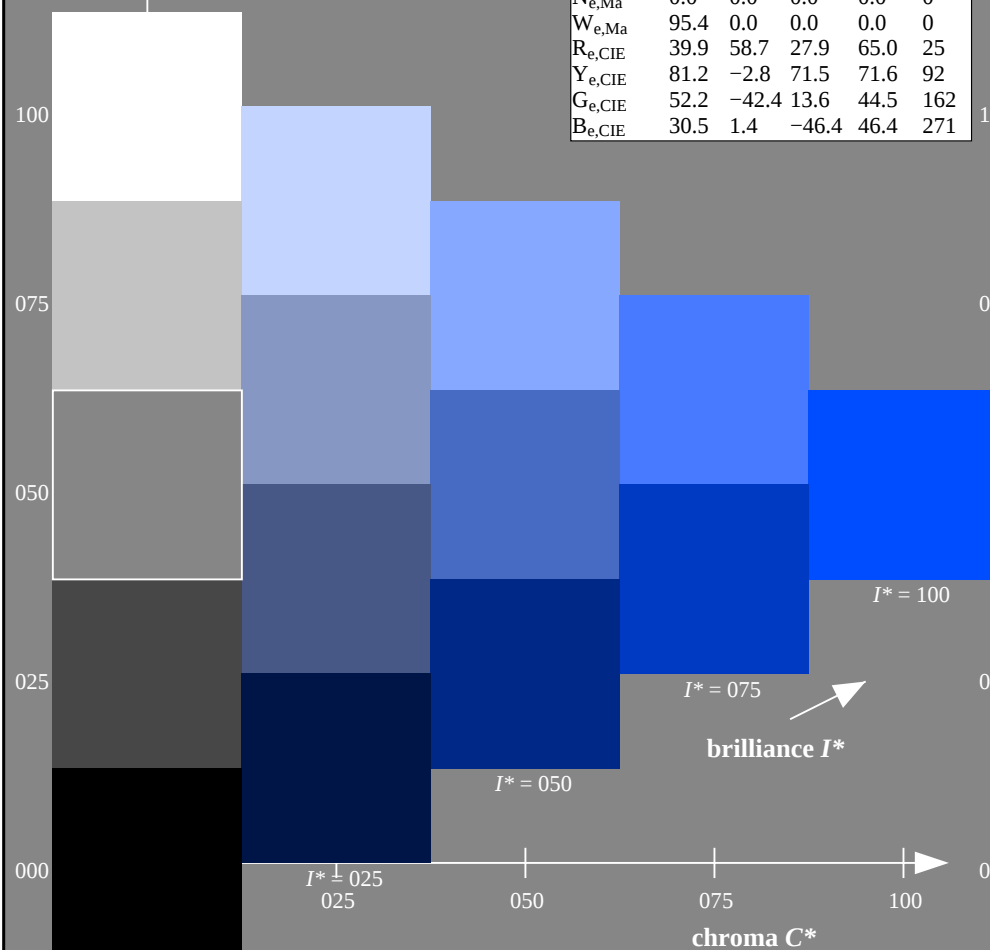
% Regularity

$g^*_{H, rel} = 19$

$g^*_{C, rel} = 37$

$H_e^* = B25R_e$

TLS00a; adapted (a) CIELAB data					
H_e^*	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R00Y_100_100_e$	50.9	78.3	37.3	86.7	25
$R25Y_100_100_e$	51.3	74.4	64.8	98.7	41
$R50Y_100_100_e$	63.1	42.7	70.8	82.7	58
$R75Y_100_100_e$	73.5	18.3	77.7	79.8	76
$Y00G_100_100_e$	83.7	-3.4	84.5	84.5	92
$Y25G_100_100_e$	91.0	-29.9	88.9	93.8	108
$Y50G_100_100_e$	85.9	-63.0	82.8	104.1	127
$Y75G_100_100_e$	84.1	-76.0	51.4	91.8	145
$G00B_100_100_e$	85.1	-64.6	20.7	67.9	162
$G25B_100_100_e$	86.5	-49.9	-8.4	50.6	189
$G50B_100_100_e$	79.0	-34.2	-25.7	42.8	216
$G75B_100_100_e$	70.0	-19.0	-39.6	43.9	244
$B00R_100_100_e$	59.2	1.7	-56.6	56.6	271
$B25R_100_100_e$	38.2	52.7	-90.7	104.9	300
$B50R_100_100_e$	57.1	94.1	-57.4	110.3	328
$B75R_100_100_e$	52.9	83.6	-11.6	84.4	352



1-013130-L0 RE200-71

TUB-test chart RE20; hue code: $H_e^* = B25R_e$

Test chart according to DIN 33872, 3D=0, de=1, sRGB

input: $rgb/cmyk \rightarrow rgb_e$

output: transfer to rgb_e

TUB registration: 20130201-RE20/RE20L0NP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=th4ta