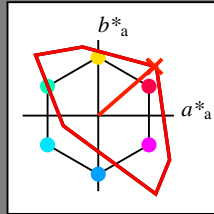


Input and Output: Television Luminous System TLS00a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 41/360 = 0.11$

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

HIC^*_e
hue text for the colours
of this page:
 $H^*_e = R25Y_e$
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):

$LabCh^*_{e, Ma}$: 51 74 64 98 41

$HIC^*_{e, Ma}$: R25Y_100_100_e

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

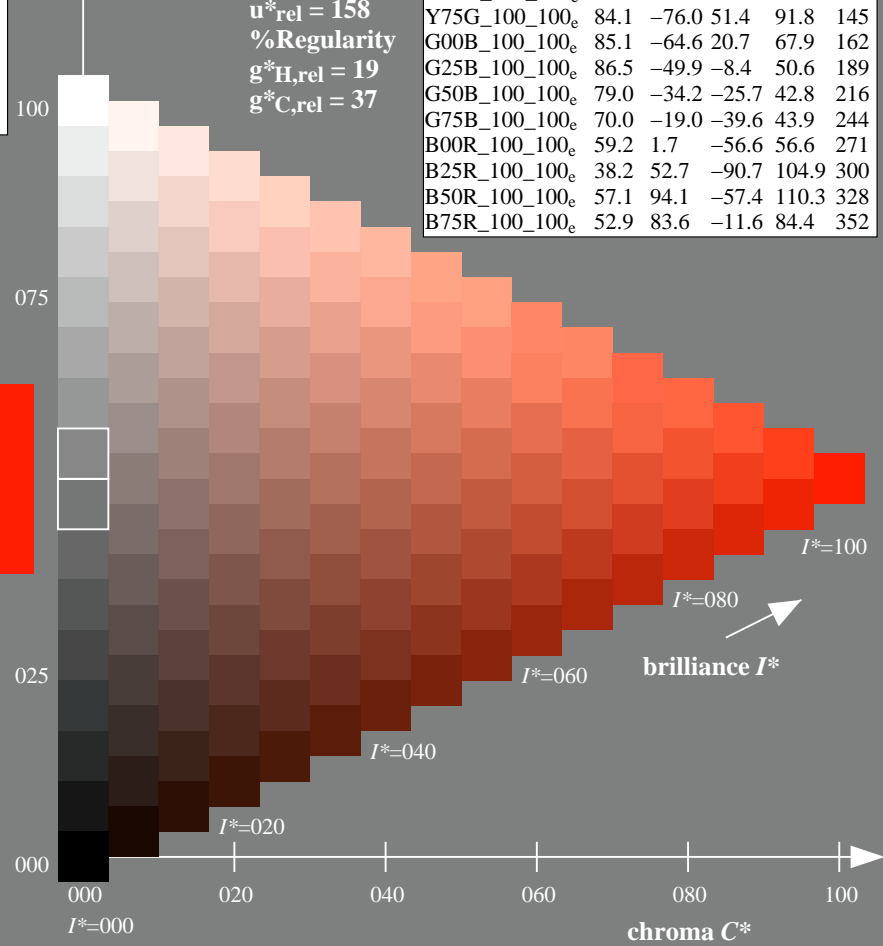
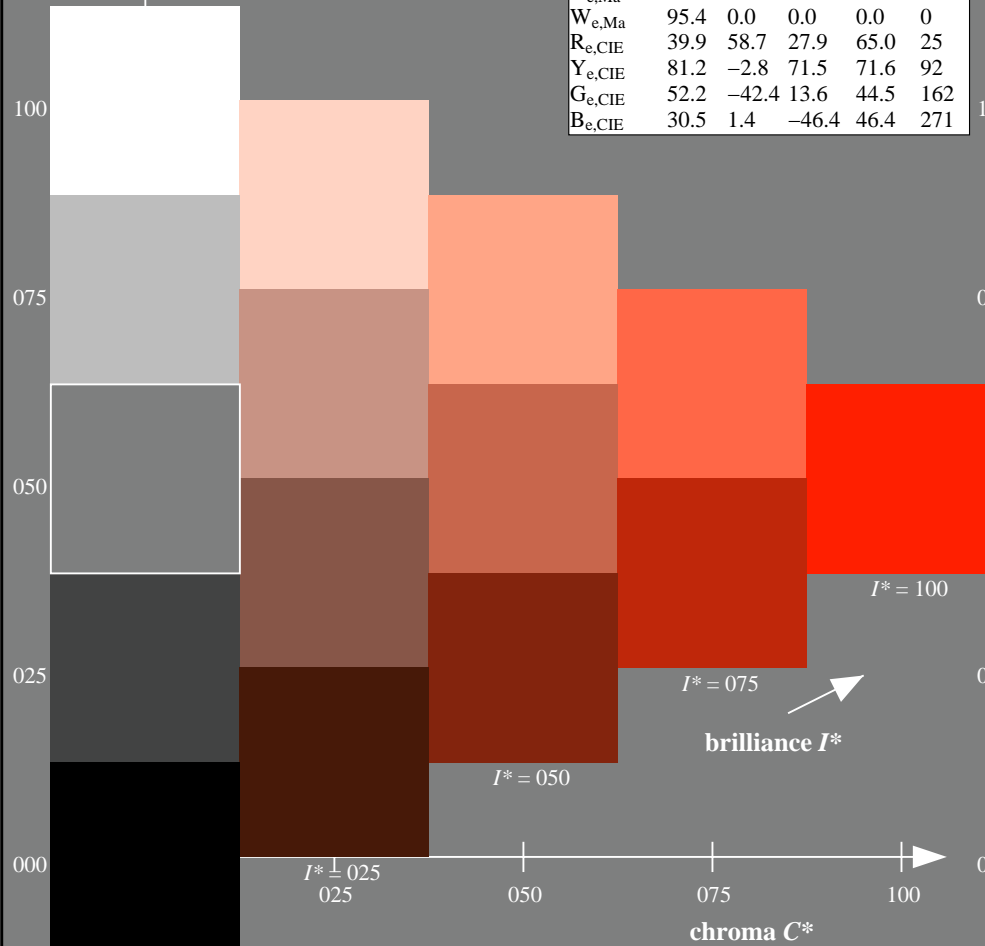
1.0 0.1 0.0 1.0 1.0

triangle lightness T^*

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

%Gamut
 $u^*_{rel} = 158$
%Regularity
 $g^*_{H,rel} = 19$
 $g^*_{C,rel} = 37$



see similar files: <http://130.149.60.45/~farbmetrik/QE00/QE00L0FP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-QE00/QE00L0FP.PDF / .PS
application for measurement of display output, no separation

TUB material: code=thadata