

Input and Output: Television Luminous System TLS00a

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

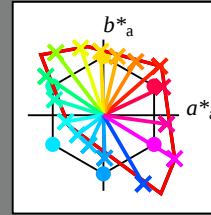
HIC_e^*

hue text for the colours
of this page:

$H_e^* = R00Y_e, R25Y_e, \dots, B75R_e$

TLS00a; adapted (a) CIELAB data

H_e^*	$L^*=L_a^* a^*$	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
R00Y_100_100_e	50.9	78.3	37.3	86.7
R25Y_100_100_e	51.3	74.4	64.8	98.7
R50Y_100_100_e	63.1	42.7	70.8	82.7
R75Y_100_100_e	73.5	18.3	77.7	79.8
Y00G_100_100_e	83.7	-3.4	84.5	84.5
Y25G_100_100_e	91.0	-29.9	88.9	93.8
Y50G_100_100_e	85.9	-63.0	82.8	104.1
Y75G_100_100_e	84.1	-76.0	51.4	91.8
G00B_100_100_e	85.1	-64.6	20.7	67.9
G25B_100_100_e	86.5	-49.9	-8.4	50.6
G50B_100_100_e	79.0	-34.2	-25.7	42.8
G75B_100_100_e	70.0	-19.0	-39.6	43.9
B00R_100_100_e	59.2	1.7	-56.6	56.6
B25R_100_100_e	38.2	52.7	-90.7	104.9
B50R_100_100_e	57.1	94.1	-57.4	110.3
B75R_100_100_e	52.9	83.6	-11.6	84.4



%Gamut

$u_{rel}^* = 158$

%Regularity

$g_{H,rel}^* = 19$

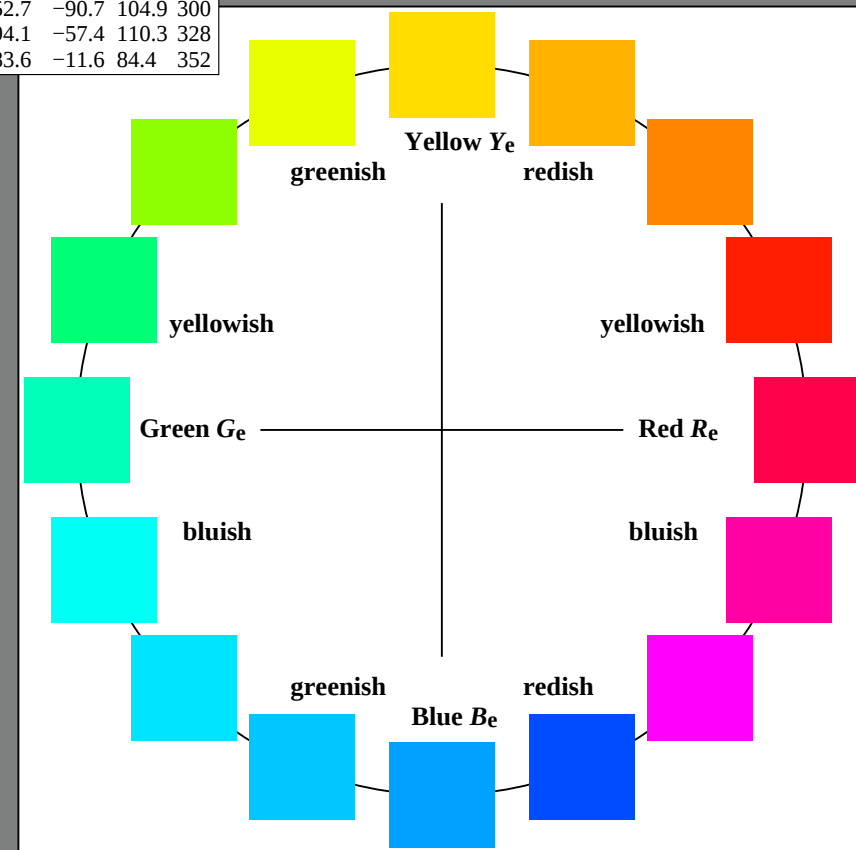
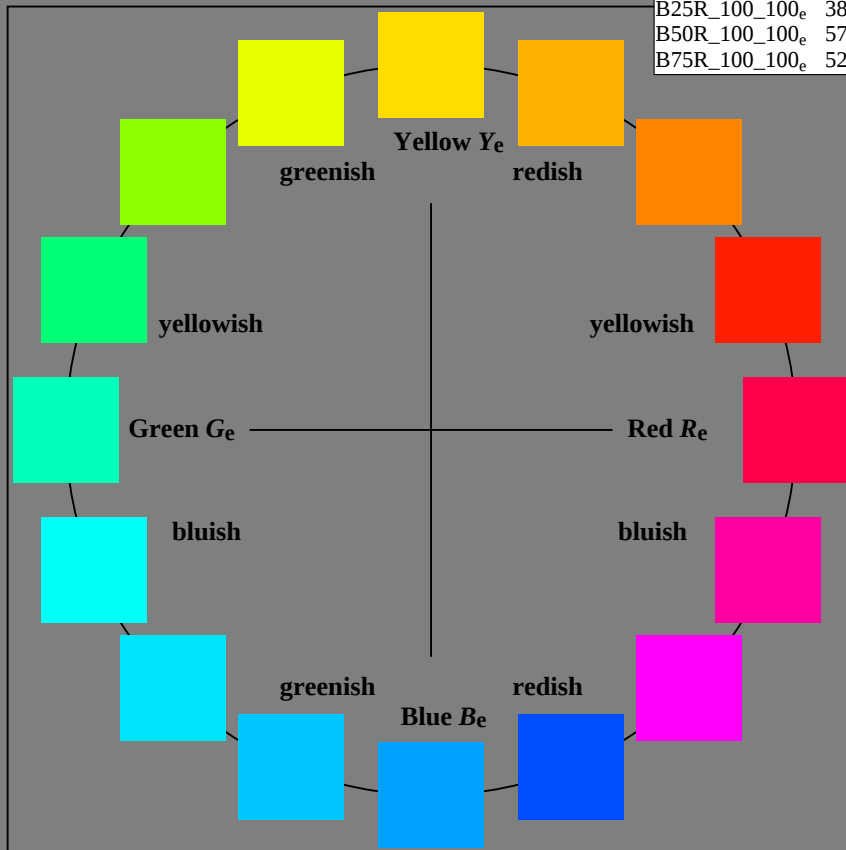
$g_{C,rel}^* = 37$

TLS00a; adapted (a) CIELAB data

name	$L^*=L_a^* a^*$	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
R_e, Ma	50.9	78.3	37.3	86.7
Y_e, Ma	83.7	-3.4	84.5	84.5
G_e, Ma	85.1	-64.6	20.7	67.9
C_e, Ma	79.0	-34.2	-25.7	42.8
B_e, Ma	59.2	1.7	-56.6	56.6
M_e, Ma	57.1	94.1	-57.4	110.3
N_e, Ma	0.0	0.0	0.0	0
W_e, Ma	95.4	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

TUB registration: 20130201-PE80/PE80L0FP.PDF /PS
application for measurement of display output, no separation

TUB material: code=rh4ta



1-113130-L0 PE800-73

TUB-test chart PE80; 16 step hue circle

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

input: $rgb/cmyk \rightarrow rgb_{de}$

output: 3D-linearization to rgb_{de}^*

1-113130-F0