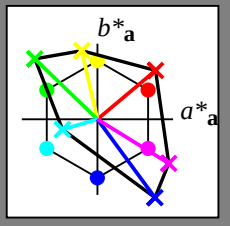
Input and Output: Television Luminous System TLS00a

Data for any device (d) or elementary (e) colour:
***HIC**$_d$**
hue text for the colours of this page:
***H**$_d$R00Y$_d$, R25Y$_d$, ..., B75R$_d$**

ORS20a; adapted (a) CIELAB data

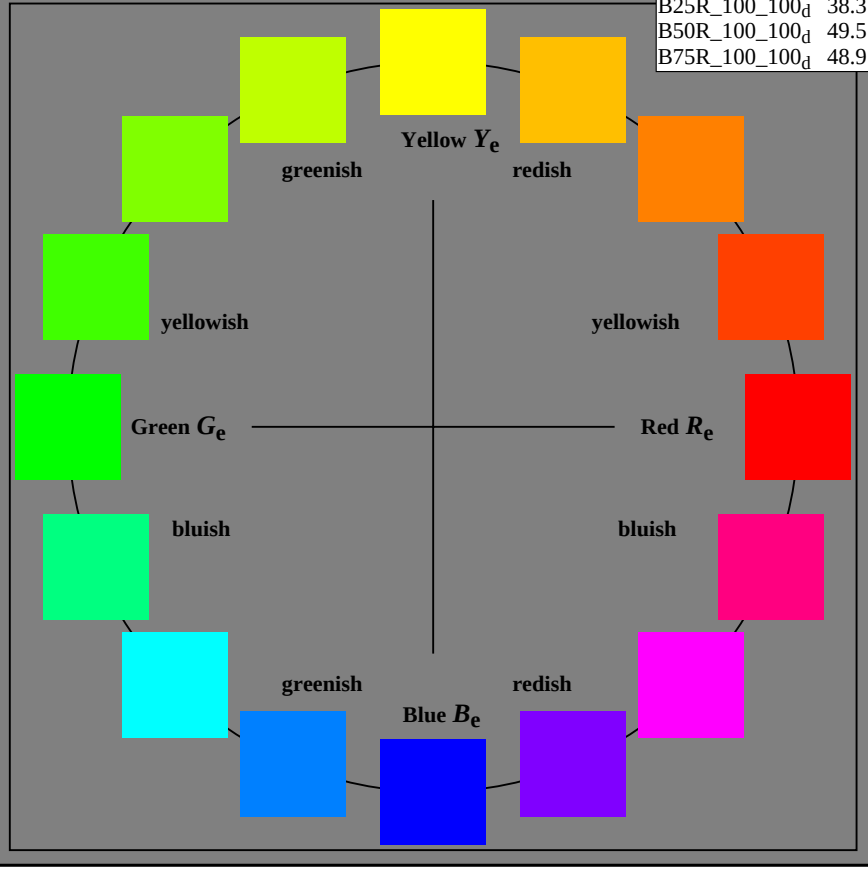
H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100$_d$	48.4	66.1	40.2	77.3	31
R25Y_100_100$_d$	56.8	48.0	50.5	69.6	46
R50Y_100_100$_d$	68.6	25.0	63.9	68.6	68
R75Y_100_100$_d$	80.6	4.8	77.2	77.3	86
Y00G_100_100$_d$	90.2	−9.6	88.2	88.7	96
Y25G_100_100$_d$	83.2	−18.4	79.9	81.9	102
Y50G_100_100$_d$	73.3	−31.7	62.7	70.2	116
Y75G_100_100$_d$	62.0	−49.7	43.2	65.8	139
G00B_100_100$_d$	55.8	−65.2	33.8	73.4	152
G25B_100_100$_d$	59.3	−50.3	−9.0	51.0	190
G50B_100_100$_d$	63.0	−30.5	−42.0	51.9	234
G75B_100_100$_d$	45.7	−5.7	−44.6	44.9	262
B00R_100_100$_d$	27.5	25.9	−47.3	53.9	298
B25R_100_100$_d$	38.3	52.6	−28.5	59.8	331
B50R_100_100$_d$	49.5	73.5	−9.0	74.0	353
B75R_100_100$_d$	48.9	69.3	12.9	70.4	10

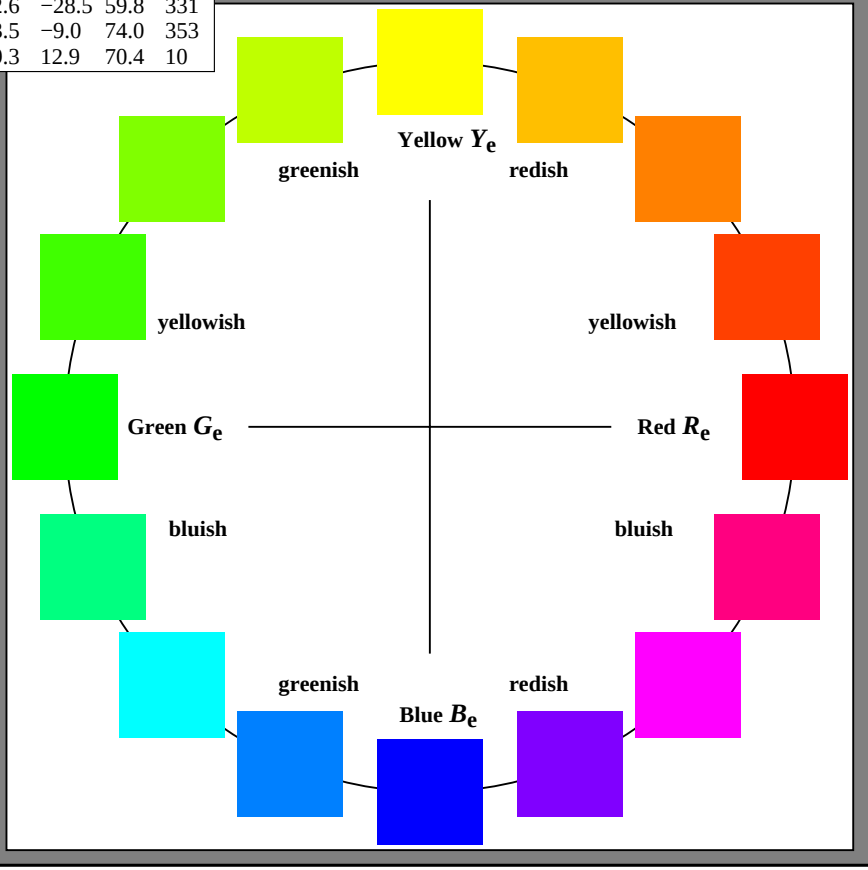


%Gamut
u*rel = 158
%Regularity
g*H,rel = 19
g*C,rel = 37

TLS00a; adapted (a) CIELAB data

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R$_{d,Ma}$	50.5	76.9	64.5	100.4	40
Y$_{d,Ma}$	92.6	−20.6	90.7	93.0	102
G$_{d,Ma}$	83.6	−82.7	79.9	115.0	136
C$_{d,Ma}$	86.8	−46.1	−13.5	48.0	196
B$_{d,Ma}$	30.3	76.0	−103.6	128.5	306
M$_{d,Ma}$	57.3	94.3	−58.4	110.9	328
N$_{d,Ma}$	0.0	0.0	0.0	0.0	0
W$_{d,Ma}$	95.4	0.0	0.0	0.0	0
R$_{d,CIE}$	39.9	58.7	27.9	65.0	25
Y$_{d,CIE}$	81.2	−2.8	71.5	71.6	92
G$_{d,CIE}$	52.2	−42.4	13.6	44.5	162
B$_{d,CIE}$	30.5	1.4	−46.4	46.4	271





1-003000-L0 cmyn6 AE690-70

Test chart AE69 similar to test chart 1 of CIE R8-09
16 step elementary hue circle; Test chart according to DIN 33872-5

input: *rgb/cmy0/000n/w set...*
output: *->rgb$_{dd}$ setrgbcolor*