

Input and Output: Television Luminous System TLS38a

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

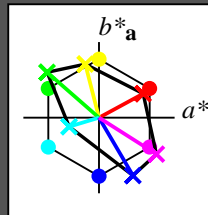
HIC^*_d

hue text for the colours

of this page:

$H^*_d R00Y_d, R25Y_d, \dots, B75R_d$

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

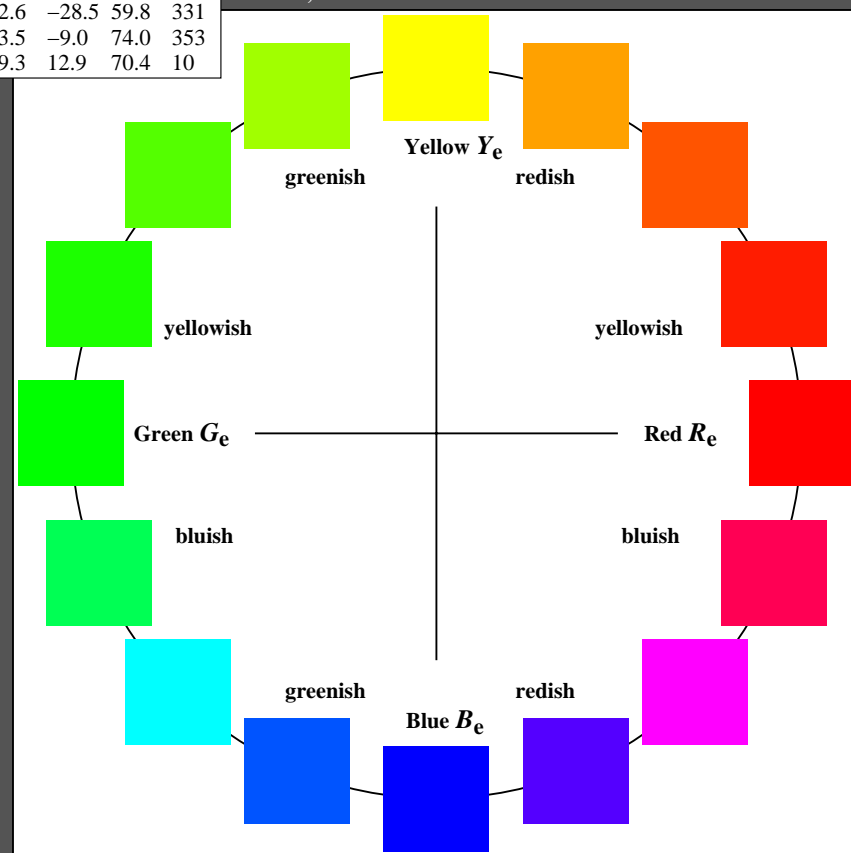
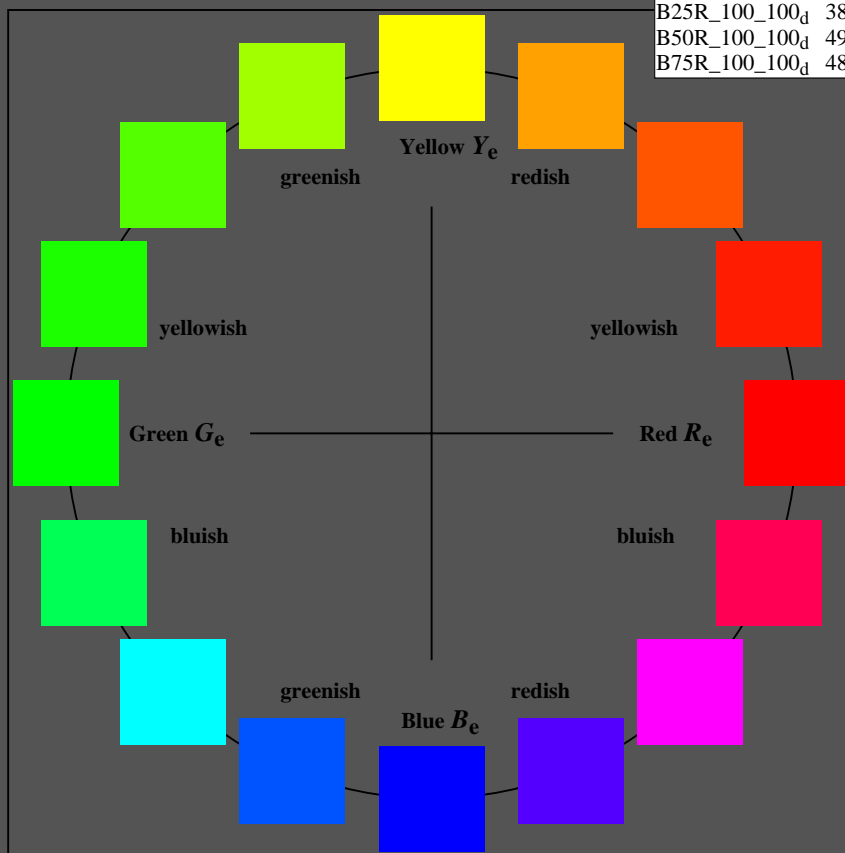
$u^*_{rel} = 71$

%Regularity

$g^*H_{rel} = 26$

$g^*C_{rel} = 45$

TLS38a; adapted (a) CIELAB data					
name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d, Ma}	58.7	58.4	31.7	66.5	28
Y _{d, Ma}	92.9	-18.1	70.8	73.0	104
G _{d, Ma}	85.1	-68.5	60.0	91.1	138
C _{d, Ma}	87.9	-39.4	-11.8	41.1	196
B _{d, Ma}	46.6	44.9	-76.5	88.7	300
M _{d, Ma}	63.7	75.9	-48.2	89.9	327
N _{d, Ma}	37.9	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



1-100000-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