

Input and Output: Television Luminous System TLS11a

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

$HIC^*_d$

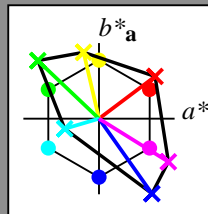
hue text for the colours

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

$u^*_{rel} = 134$

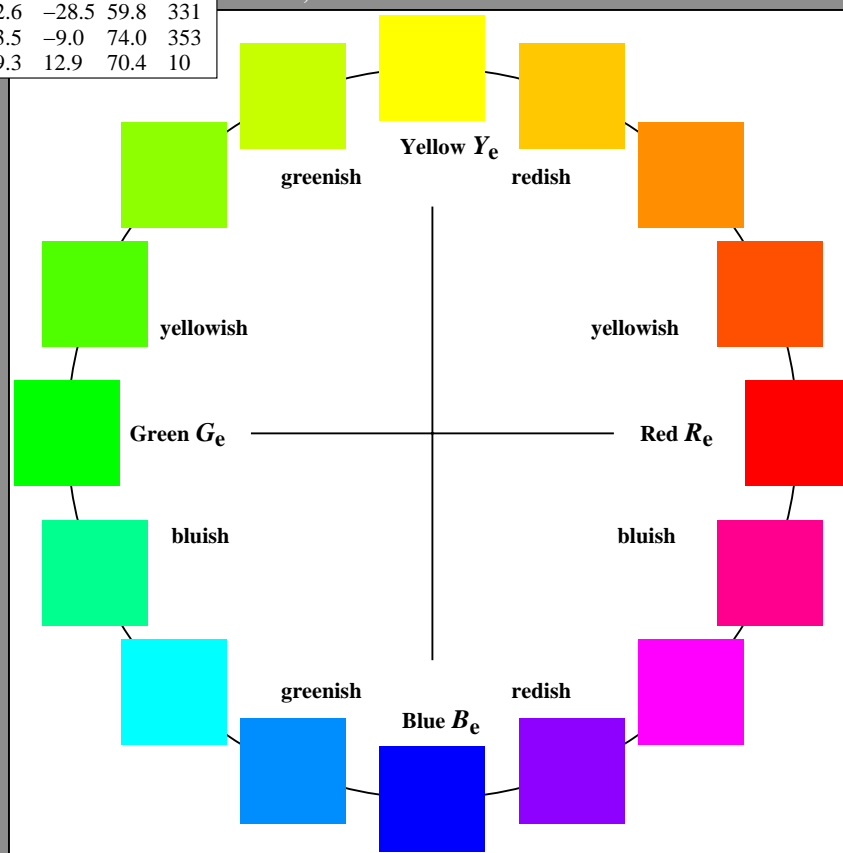
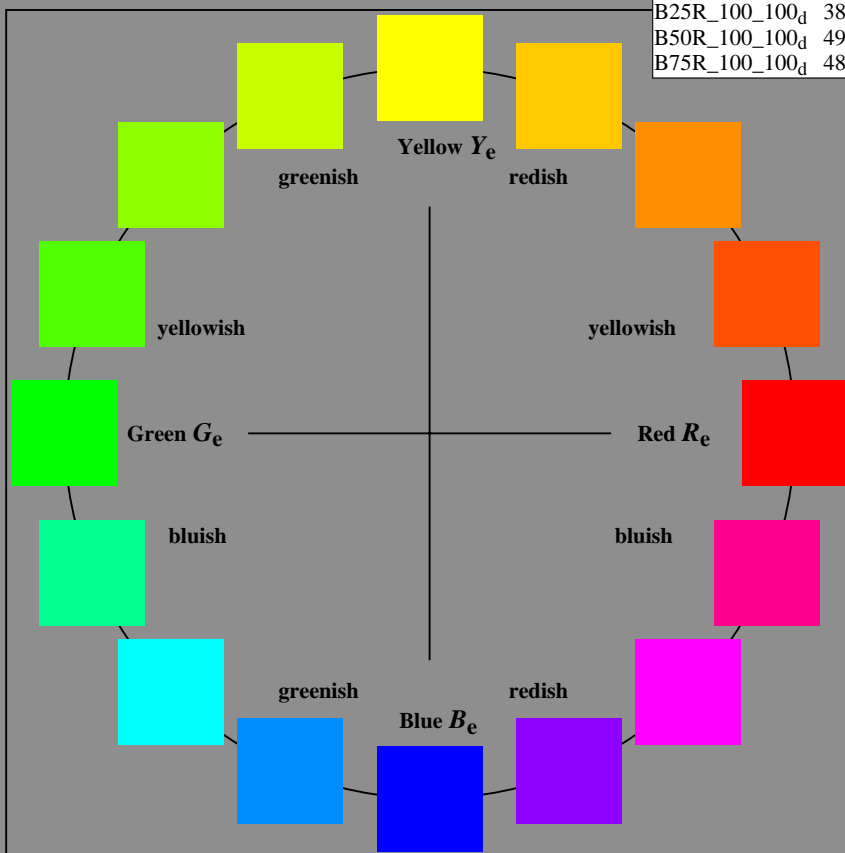
%Regularity

$g^*H_{rel} = 21$

$g^*C_{rel} = 38$

TLS11a; adapted (a) CIELAB data

name	$L^*=L^*_a a^*_a$	$b^*_a$	$C^*_{ab,a} h^*_{ab,a}$		
R <sub>d, Ma</sub>	51.6	74.2	55.8	92.8	36
Y <sub>d, Ma</sub>	92.7	-20.3	87.7	90.0	103
G <sub>d, Ma</sub>	83.8	-80.8	76.8	111.5	136
C <sub>d, Ma</sub>	87.0	-45.2	-13.3	47.2	196
B <sub>d, Ma</sub>	33.0	70.0	-99.0	121.3	305
M <sub>d, Ma</sub>	58.1	91.8	-57.0	108.0	328
N <sub>d, Ma</sub>	10.9	0.0	0.0	0.0	0
W <sub>d, Ma</sub>	95.4	0.0	0.0	0.0	0
R <sub>d, CIE</sub>	39.9	58.7	27.9	65.0	25
Y <sub>d, CIE</sub>	81.2	-2.8	71.5	71.6	92
G <sub>d, CIE</sub>	52.2	-42.4	13.6	44.5	162
B <sub>d, CIE</sub>	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:  $\rightarrow rgb_{dd}$  set  $rgbc$  color

TUB Registration: 20190301-AE69/AE69L0FA.TXT /.PS  
application for measurement or viewing of display and print output

TUB material: code=rha4ta