

Input and Output: Television Luminous System TLS11a

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

HIC^*_d

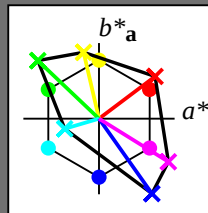
hue text for the colours

of this page:

$H^*_dR00Y_d, R25Y_d, \dots, B75R_d$

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
R25Y_100_100_d	56.8	48.0	50.5	69.6
R50Y_100_100_d	68.6	25.0	63.9	68.6
R75Y_100_100_d	80.6	4.8	77.2	77.3
Y00G_100_100_d	90.2	-9.6	88.2	88.7
Y25G_100_100_d	83.2	-18.4	79.9	81.9
Y50G_100_100_d	73.3	-31.7	62.7	70.2
Y75G_100_100_d	62.0	-49.7	43.2	65.8
G00B_100_100_d	55.8	-65.2	33.8	73.4
G25B_100_100_d	59.3	-50.3	-9.0	51.0
G50B_100_100_d	63.0	-30.5	-42.0	51.9
G75B_100_100_d	45.7	-5.7	-44.6	44.9
B00R_100_100_d	27.5	25.9	-47.3	53.9
B25R_100_100_d	38.3	52.6	-28.5	59.8
B50R_100_100_d	49.5	73.5	-9.0	74.0
B75R_100_100_d	48.9	69.3	12.9	70.4



%Gamut

$u^*_{rel} = 134$

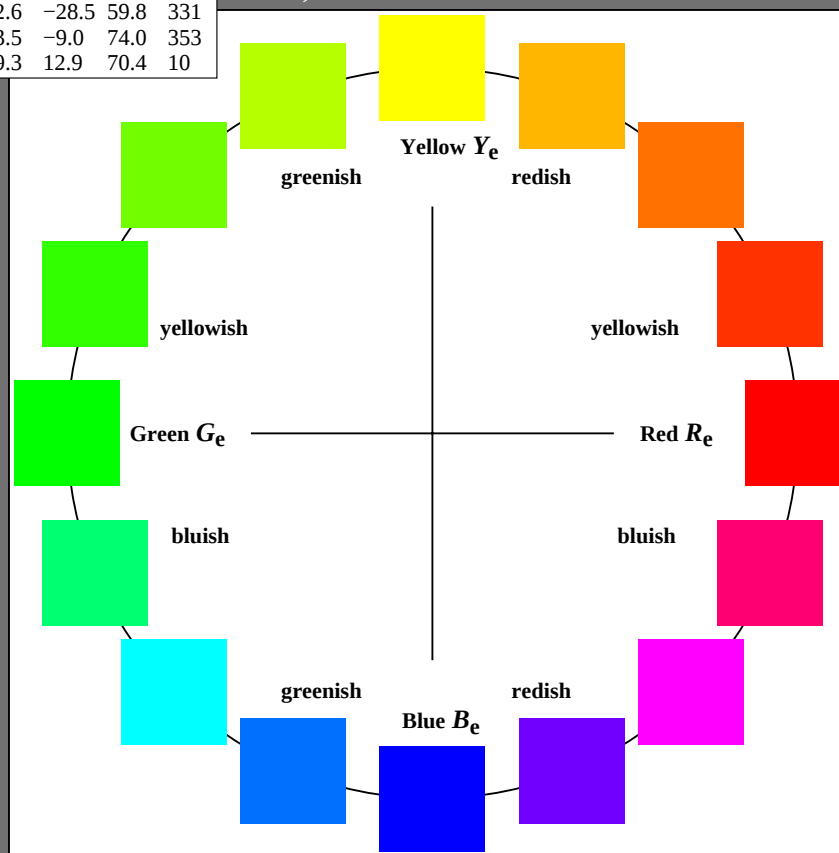
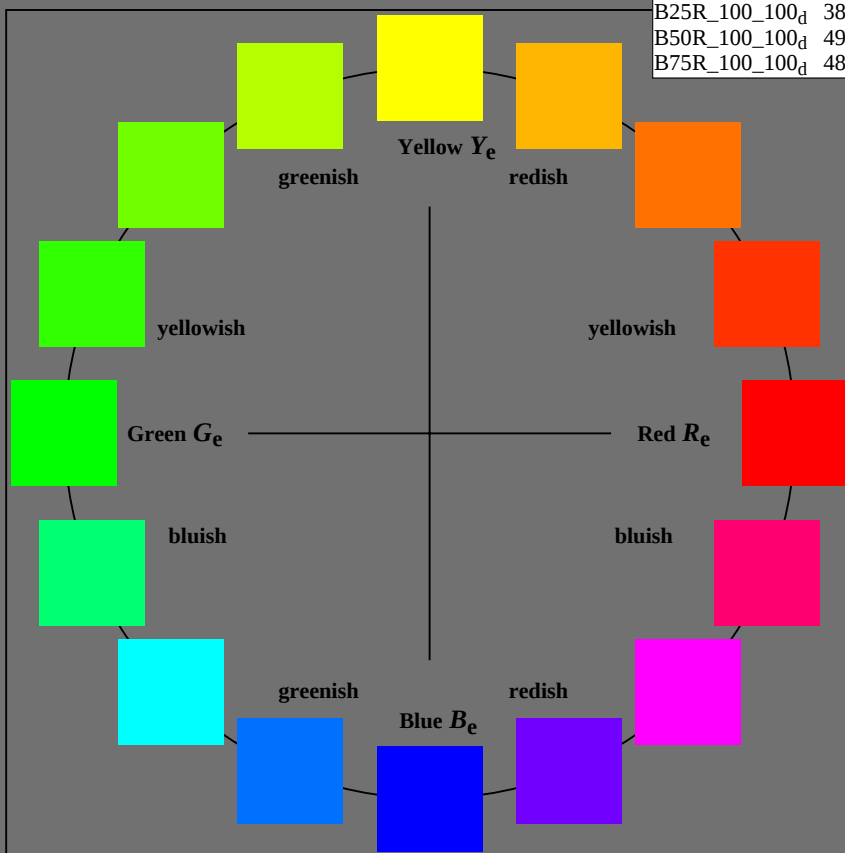
%Regularity

$g^*H_{rel} = 21$

$g^*C_{rel} = 38$

TLS11a; adapted (a) CIELAB data

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d, Ma}	51.6	74.2	55.8	92.8
Y _{d, Ma}	92.7	-20.3	87.7	90.0
G _{d, Ma}	83.8	-80.8	76.8	111.5
C _{d, Ma}	87.0	-45.2	-13.3	47.2
B _{d, Ma}	33.0	70.0	-99.0	121.3
M _{d, Ma}	58.1	91.8	-57.0	108.0
N _{d, Ma}	10.9	0.0	0.0	0.0
W _{d, Ma}	95.4	0.0	0.0	0.0
R _{d, CIE}	39.9	58.7	27.9	65.0
Y _{d, CIE}	81.2	-2.8	71.5	71.6
G _{d, CIE}	52.2	-42.4	13.6	44.5
B _{d, CIE}	30.5	1.4	-46.4	46.4



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: $->rgb_{dd}$ set $rgbcolor$