

Input and Output: Television Luminous System TLS70a

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

HIC^*_d

hue text for the colours

of this page:

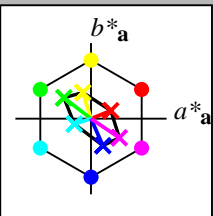
$H^*_d R00Y_d, R25Y_d, \dots, B75R_d$

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

TLS70a; adapted (a) CIELAB data

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a} h^*_{ab,a}$
R _d ,Ma	76.4	26.2	10.5 28.3 21
Y _d ,Ma	93.9	-10.7	34.6 36.2 107
G _d ,Ma	89.3	-35.8	27.6 45.2 142
C _d ,Ma	90.9	-21.9	-7.0 23.0 197
B _d ,Ma	72.1	15.7	-35.6 38.9 293
M _d ,Ma	78.5	37.5	-25.2 45.2 326
N _d ,Ma	69.7	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



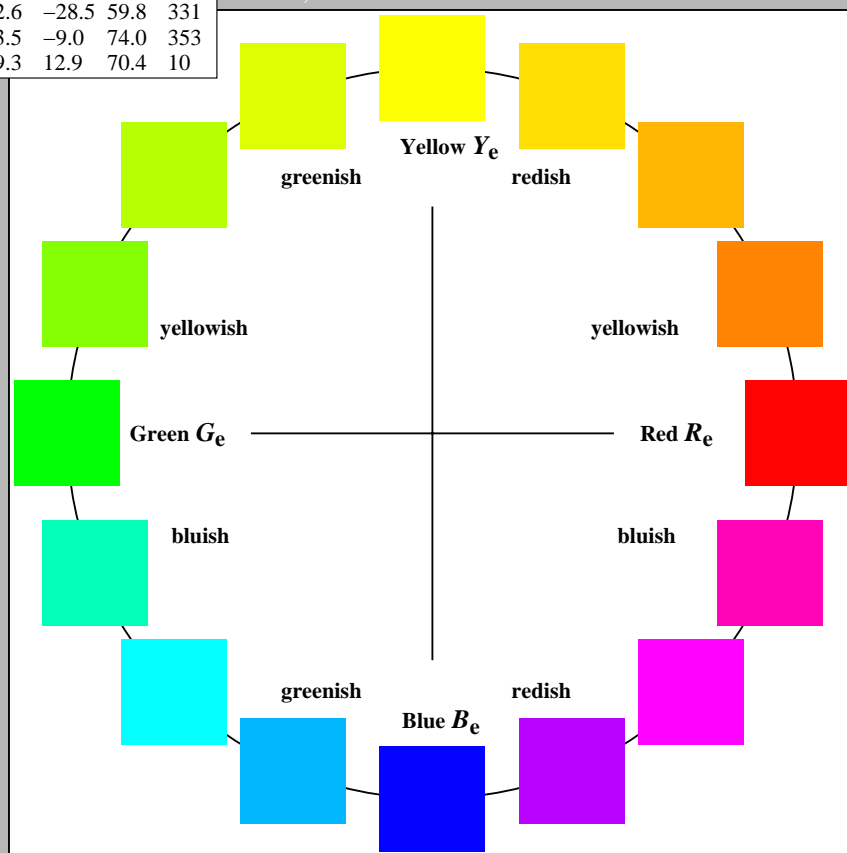
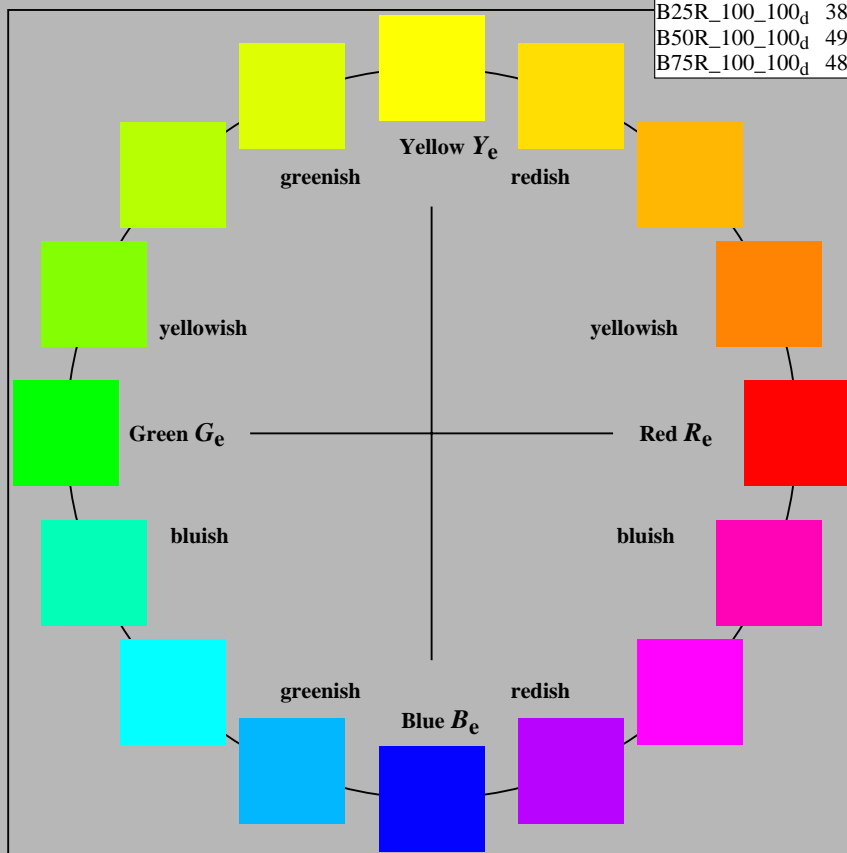
%Gamut

$u^*_{rel} = 15$

%Regularity

$g^*H_{rel} = 33$

$g^*C_{rel} = 51$



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: $->rgb_{dd}$ set $rgbc$ olor