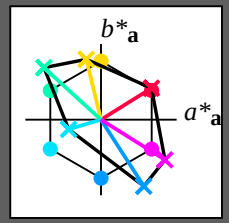
Input and Output: Television Luminous System TLS27a

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

ORS20a; adapted (a) CIELAB data

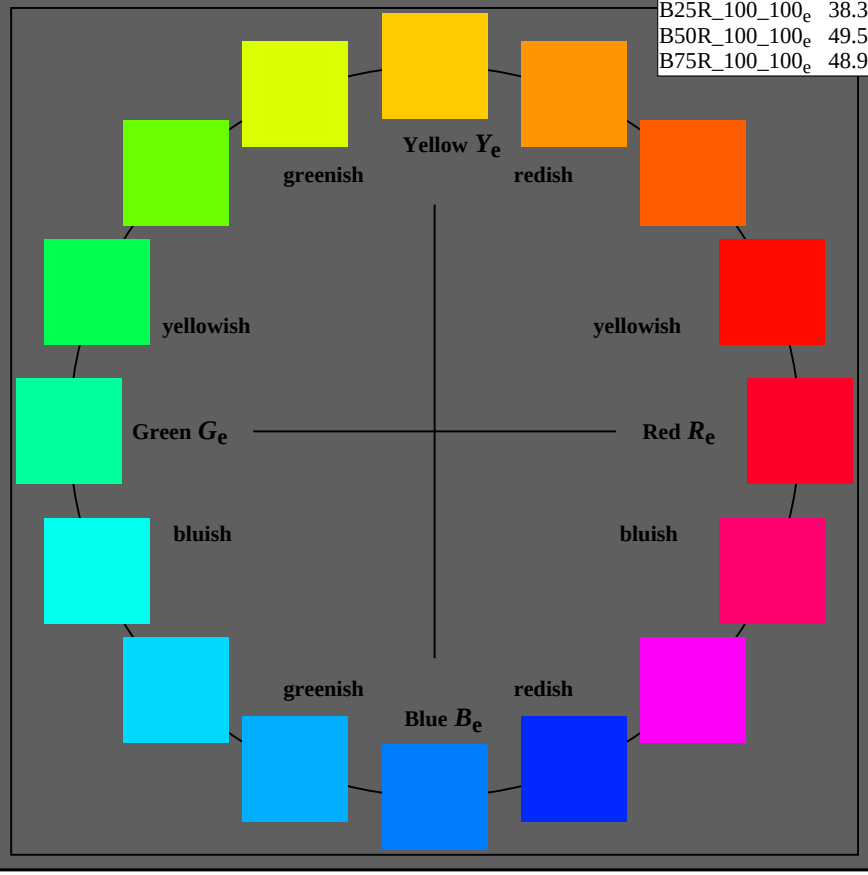
***H*$_e$**	***L*=*L*$_a$**	***a*$_a$**	***b*$_a$**	***C*$_{ab,a}$**	***h*$_{ab,a}$**
R00Y_100_100$_e$	48.4	66.1	40.2	77.3	31
R25Y_100_100$_e$	56.8	48.0	50.5	69.6	46
R50Y_100_100$_e$	68.6	25.0	63.9	68.6	68
R75Y_100_100$_e$	80.6	4.8	77.2	77.3	86
Y00G_100_100$_e$	90.2	−9.6	88.2	88.7	96
Y25G_100_100$_e$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

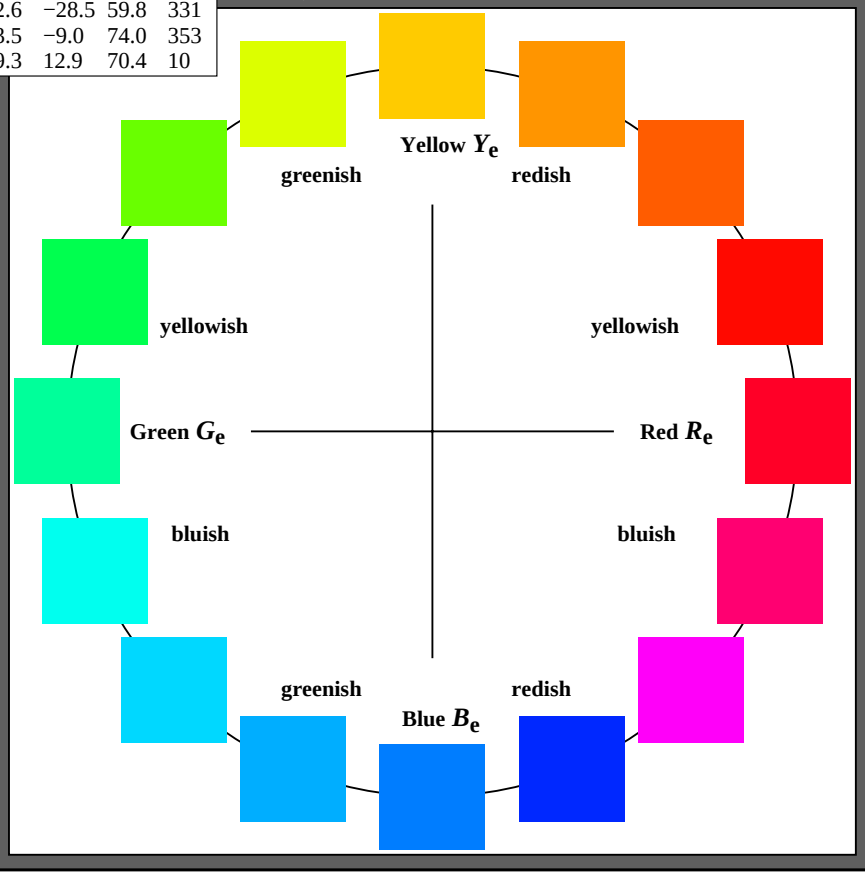


%Gamut
u*$_{rel}$ = 97
%Regularity
g*H,rel = 23
g*C,rel = 42

TLS27a; adapted (a) CIELAB data

name	***L*=*L*$_a$**	***a*$_a$**	***b*$_a$**	***C*$_{ab,a}$**	***h*$_{ab,a}$**
R$_{e,Ma}$	54.8	66.8	41.6	78.7	31
Y$_{e,Ma}$	92.8	−19.3	79.8	82.1	103
G$_{e,Ma}$	84.3	−75.3	68.7	102.0	137
C$_{e,Ma}$	87.4	−42.7	−12.7	44.5	196
B$_{e,Ma}$	39.7	56.6	−88.0	104.6	302
M$_{e,Ma}$	60.6	84.6	−53.0	99.8	327
N$_{e,Ma}$	26.8	0.0	0.0	0.0	0
W$_{e,Ma}$	95.4	0.0	0.0	0.0	0
R$_{e,CIE}$	39.9	58.7	27.9	65.0	25
Y$_{e,CIE}$	81.2	−2.8	71.5	71.6	92
G$_{e,CIE}$	52.2	−42.4	13.6	44.5	162
B$_{e,CIE}$	30.5	1.4	−46.4	46.4	271





1-110000-L0 cmyn6* AE660-70

Test chart AE66 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*$_{de}$ *setrgbcolor*