

Input and Output: Television Luminous System TLS18a

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

$HIC^*_e$

hue text for the colours

of this page:

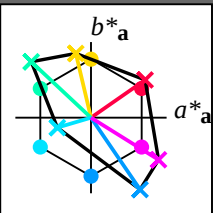
$H^*_e R00Y_e, R25Y_e, \dots, B75R_e$

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         |
| R25Y_100_100_e | 56.8              | 48.0    | 50.5         | 69.6         |
| R50Y_100_100_e | 68.6              | 25.0    | 63.9         | 68.6         |
| R75Y_100_100_e | 80.6              | 4.8     | 77.2         | 77.3         |
| Y00G_100_100_e | 90.2              | -9.6    | 88.2         | 88.7         |
| Y25G_100_100_e | 83.2              | -18.4   | 79.9         | 81.9         |
| Y50G_100_100_e | 73.3              | -31.7   | 62.7         | 70.2         |
| Y75G_100_100_e | 62.0              | -49.7   | 43.2         | 65.8         |
| G00B_100_100_e | 55.8              | -65.2   | 33.8         | 73.4         |
| G25B_100_100_e | 59.3              | -50.3   | -9.0         | 51.0         |
| G50B_100_100_e | 63.0              | -30.5   | -42.0        | 51.9         |
| G75B_100_100_e | 45.7              | -5.7    | -44.6        | 44.9         |
| B00R_100_100_e | 27.5              | 25.9    | -47.3        | 53.9         |
| B25R_100_100_e | 38.3              | 52.6    | -28.5        | 59.8         |
| B50R_100_100_e | 49.5              | 73.5    | -9.0         | 74.0         |
| B75R_100_100_e | 48.9              | 69.3    | 12.9         | 70.4         |

TLS18a; adapted (a) CIELAB data

| name       | $L^*=L^*_a a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------|-------------------|---------|--------------|--------------|
| $R_e, Ma$  | 52.7              | 71.6    | 49.8         | 87.2         |
| $Y_e, Ma$  | 92.7              | -20.0   | 84.9         | 87.2         |
| $G_e, Ma$  | 84.0              | -78.9   | 73.9         | 108.1        |
| $C_e, Ma$  | 87.1              | -44.4   | -13.1        | 46.3         |
| $B_e, Ma$  | 35.4              | 64.9    | -95.0        | 115.1        |
| $M_e, Ma$  | 59.0              | 89.3    | -55.6        | 105.2        |
| $N_e, Ma$  | 18.0              | 0.0     | 0.0          | 0.0          |
| $W_e, Ma$  | 95.4              | 0.0     | 0.0          | 0.0          |
| $R_e, CIE$ | 39.9              | 58.7    | 27.9         | 65.0         |
| $Y_e, CIE$ | 81.2              | -2.8    | 71.5         | 71.6         |
| $G_e, CIE$ | 52.2              | -42.4   | 13.6         | 44.5         |
| $B_e, CIE$ | 30.5              | 1.4     | -46.4        | 46.4         |



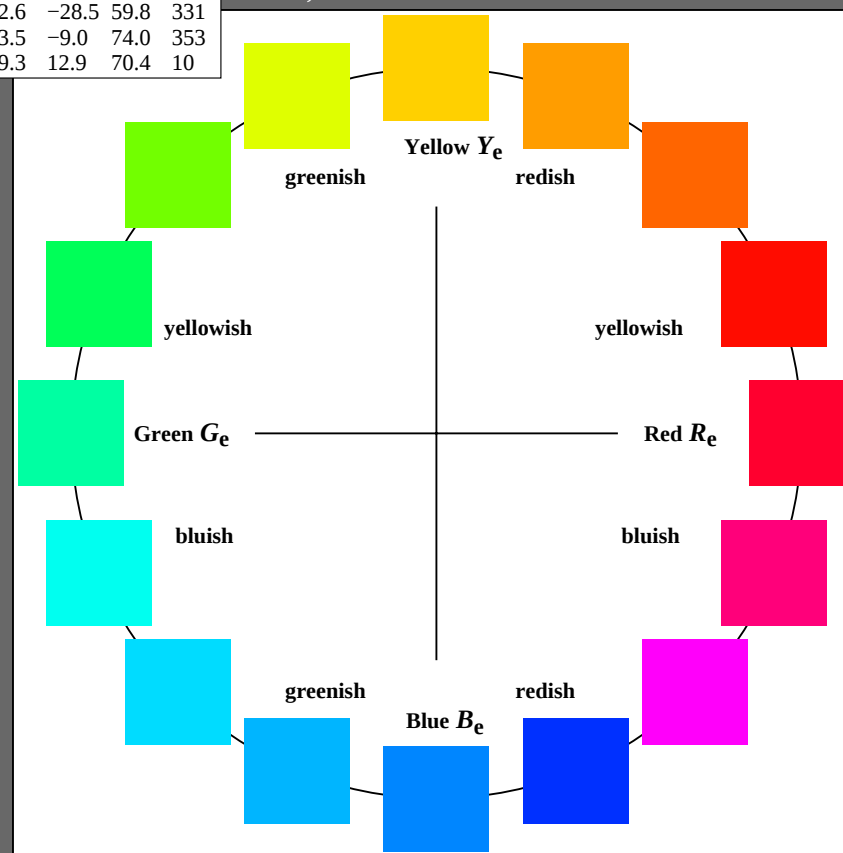
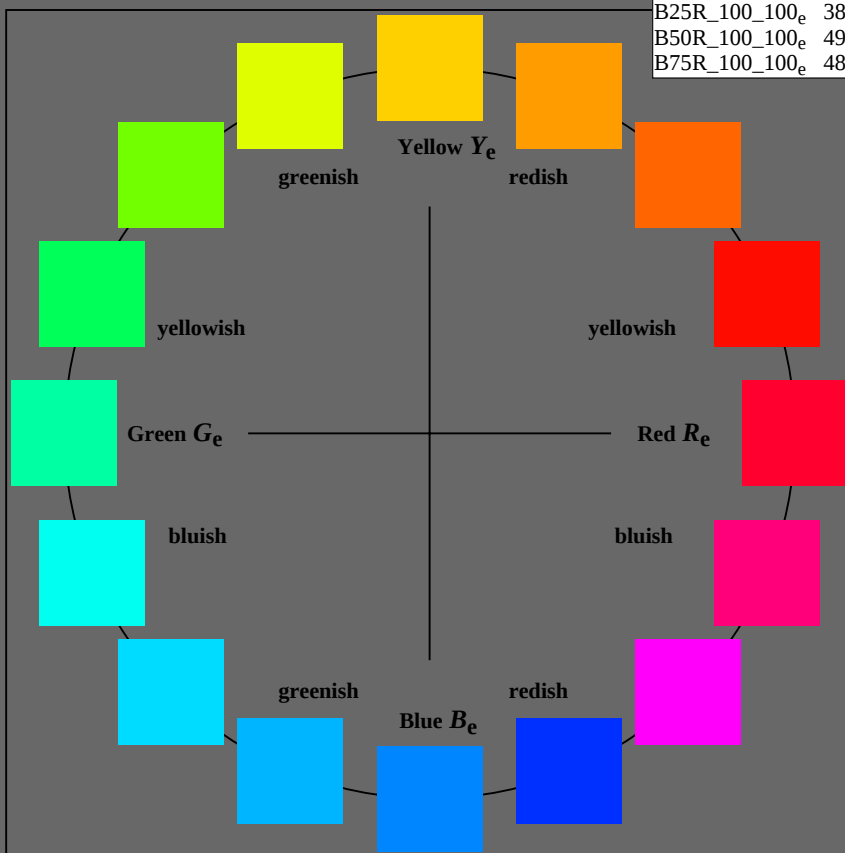
%Gamut

$u^*_{rel} = 118$

%Regularity

$g^*H_{rel} = 22$

$g^*C_{rel} = 40$



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:  $\rightarrow rgb_{de}$  setrgbcolor

TUB Registration: 20190301-AE66/AE66L0FA.TXT /.PS  
application for measurement or viewing of display and print output

TUB material: code=rha4ta