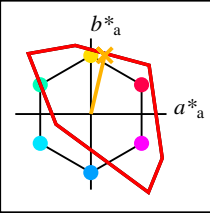


Input and Output: Television Luminous System TLS00a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 76/360 = 0.21$

$H^*_e = R75Y_e$

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

HIC^*_e
hue text for the colours of this page:
 $H^*_e = R75Y_e$
triangle lightness T^*



TLS00a; adapted (a) CIELAB data

| name | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---------------------|-------------|---------|---------|--------------|--------------|
| R _e ,Ma | 50.9 | 78.3 | 37.3 | 86.7 | 25 |
| Y _e ,Ma | 83.7 | -3.4 | 84.5 | 84.5 | 92 |
| G _e ,Ma | 85.1 | -64.6 | 20.7 | 67.9 | 162 |
| C _e ,Ma | 79.0 | -34.2 | -25.7 | 42.8 | 216 |
| B _e ,Ma | 59.2 | 1.7 | -56.6 | 56.6 | 271 |
| M _e ,Ma | 57.1 | 94.1 | -57.4 | 110.3 | 328 |
| N _e ,Ma | 0.0 | 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 |

Data for maximum colour (Ma):

$LabCh^*_e, Ma: 73 18 77 79 76$
 $HIC^*_e, Ma: R75Y_100_100_e$
 $rgbic^*_e, Ma: 1.0 0.68 0.0 1.0 1.0$

TLS00a; adapted (a) CIELAB data

| H^*_e | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---------------------------|-------------|---------|---------|--------------|--------------|
| R00Y_100_100 _e | 50.9 | 78.3 | 37.3 | 86.7 | 25 |
| R25Y_100_100 _e | 51.3 | 74.4 | 64.8 | 98.7 | 41 |
| R50Y_100_100 _e | 63.1 | 42.7 | 70.8 | 82.7 | 58 |
| R75Y_100_100 _e | 73.5 | 18.3 | 77.7 | 79.8 | 76 |
| Y00G_100_100 _e | 83.7 | -3.4 | 84.5 | 84.5 | 92 |
| Y25G_100_100 _e | 91.0 | -29.9 | 88.9 | 93.8 | 108 |
| Y50G_100_100 _e | 85.9 | -63.0 | 82.8 | 104.1 | 127 |
| Y75G_100_100 _e | 84.1 | -76.0 | 51.4 | 91.8 | 145 |
| G00B_100_100 _e | 85.1 | -64.6 | 20.7 | 67.9 | 162 |
| G25B_100_100 _e | 86.5 | -49.9 | -8.4 | 50.6 | 189 |
| G50B_100_100 _e | 79.0 | -34.2 | -25.7 | 42.8 | 216 |
| G75B_100_100 _e | 70.0 | -19.0 | -39.6 | 43.9 | 244 |
| B00R_100_100 _e | 59.2 | 1.7 | -56.6 | 56.6 | 271 |
| B25R_100_100 _e | 38.2 | 52.7 | -90.7 | 104.9 | 300 |
| B50R_100_100 _e | 57.1 | 94.1 | -57.4 | 110.3 | 328 |
| B75R_100_100 _e | 52.9 | 83.6 | -11.6 | 84.4 | 352 |

triangle lightness T^*
%Gamut
 $u^*_{rel} = 158$
%Regularity
 $g^*_{H,rel} = 19$
 $g^*_{C,rel} = 37$

