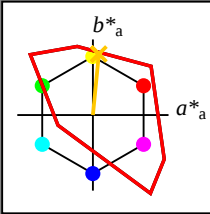


Input and Output: Television Luminous System TLS00a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 84/360 = 0.23$   $H^*_d = R75Y_d$

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

$HIC^*_d$   
hue text for the colours of this page:  
 $H^*_d = R75Y_d$   
triangle lightness  $T^*$



| TLS00a; adapted (a) CIELAB data |             |         |         |              |              |
|---------------------------------|-------------|---------|---------|--------------|--------------|
| name                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R <sub>d</sub> ,Ma              | 50.4        | 76.9    | 64.5    | 100.4        | 40           |
| Y <sub>d</sub> ,Ma              | 92.6        | -20.7   | 90.7    | 93.0         | 102          |
| G <sub>d</sub> ,Ma              | 83.6        | -82.7   | 79.8    | 115.0        | 136          |
| C <sub>d</sub> ,Ma              | 86.8        | -46.1   | -13.5   | 48.1         | 196          |
| B <sub>d</sub> ,Ma              | 30.3        | 76.0    | -103.5  | 128.5        | 306          |
| M <sub>d</sub> ,Ma              | 57.2        | 94.3    | -58.4   | 110.9        | 328          |
| N <sub>d</sub> ,Ma              | 0.0         | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>d</sub> ,Ma              | 95.4        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>d</sub> ,CIE             | 39.9        | 58.7    | 27.9    | 65.0         | 25           |
| Y <sub>d</sub> ,CIE             | 81.2        | -2.8    | 71.5    | 71.6         | 92           |
| G <sub>d</sub> ,CIE             | 52.2        | -42.4   | 13.6    | 44.5         | 162          |
| B <sub>d</sub> ,CIE             | 30.5        | 1.4     | -46.4   | 46.4         | 271          |

Data for maximum colour (Ma):

$LabCh^*_{d,Ma}$ : 78 7 80 81 84

$HIC^*_{d,Ma}$ : R75Y\_100\_100d

$rgbic^*_{d,Ma}$ :

1.0 0.76 0.0 1.0 1.0

triangle lightness  $T^*$

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

| TLS00a; adapted (a) CIELAB data |             |         |         |              |              |
|---------------------------------|-------------|---------|---------|--------------|--------------|
| $H^*_d$                         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R00Y_100_100d                   | 50.4        | 76.9    | 64.5    | 100.4        | 40           |
| R25Y_100_100d                   | 53.7        | 67.6    | 65.8    | 94.4         | 44           |
| R50Y_100_100d                   | 63.6        | 41.3    | 71.0    | 82.2         | 59           |
| R75Y_100_100d                   | 78.2        | 7.8     | 80.6    | 81.0         | 84           |
| Y00G_100_100d                   | 92.6        | -20.7   | 90.7    | 93.0         | 102          |
| Y25G_100_100d                   | 88.7        | -43.3   | 86.2    | 96.5         | 116          |
| Y50G_100_100d                   | 85.7        | -65.2   | 82.4    | 105.1        | 128          |
| Y75G_100_100d                   | 84.0        | -78.7   | 80.4    | 112.5        | 134          |
| G00B_100_100d                   | 83.6        | -82.7   | 79.8    | 115.0        | 136          |
| G25B_100_100d                   | 84.3        | -73.7   | 44.9    | 86.4         | 148          |
| G50B_100_100d                   | 86.8        | -46.1   | -13.5   | 48.1         | 196          |
| G75B_100_100d                   | 51.7        | 18.3    | -68.3   | 70.7         | 285          |
| B00R_100_100d                   | 30.3        | 76.0    | -103.5  | 128.5        | 306          |
| B25R_100_100d                   | 38.5        | 79.8    | -89.7   | 120.0        | 311          |
| B50R_100_100d                   | 57.2        | 94.3    | -58.4   | 110.9        | 328          |
| B75R_100_100d                   | 52.0        | 81.1    | 4.1     | 81.2         | 2            |

