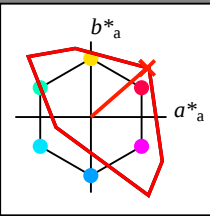


Input and Output: Television Luminous System TLS00a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 41/360 = 0.11$   $H^*_e = R25Y_e$

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

$HIC^*_e$   
hue text for the colours of this page:  
 $H^*_e = R25Y_e$   
triangle lightness  $T^*$



| TLS00a; adapted (a) CIELAB data |             |         |         |              |              |
|---------------------------------|-------------|---------|---------|--------------|--------------|
| name                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R <sub>e</sub> ,Ma              | 50.9        | 78.3    | 37.3    | 86.7         | 25           |
| Y <sub>e</sub> ,Ma              | 83.7        | -3.4    | 84.5    | 84.5         | 92           |
| G <sub>e</sub> ,Ma              | 85.1        | -64.6   | 20.7    | 67.9         | 162          |
| C <sub>e</sub> ,Ma              | 79.0        | -34.2   | -25.7   | 42.8         | 216          |
| B <sub>e</sub> ,Ma              | 59.2        | 1.7     | -56.6   | 56.6         | 271          |
| M <sub>e</sub> ,Ma              | 57.1        | 94.1    | -57.4   | 110.3        | 328          |
| N <sub>e</sub> ,Ma              | 0.0         | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>e</sub> ,Ma              | 95.4        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>e</sub> ,CIE             | 39.9        | 58.7    | 27.9    | 65.0         | 25           |
| Y <sub>e</sub> ,CIE             | 81.2        | -2.8    | 71.5    | 71.6         | 92           |
| G <sub>e</sub> ,CIE             | 52.2        | -42.4   | 13.6    | 44.5         | 162          |
| B <sub>e</sub> ,CIE             | 30.5        | 1.4     | -46.4   | 46.4         | 271          |

Data for maximum colour (Ma):

$LabCh^*_{e,Ma}$ : 51 74 64 98 41

$HIC^*_{e,Ma}$ : R25Y\_100\_100<sub>e</sub>

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

1.0 0.1 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 |             |         |         |              |              |
|---------------------------------|-------------|---------|---------|--------------|--------------|
| $H^*_e$                         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R00Y_100_100 <sub>e</sub>       | 50.9        | 78.3    | 37.3    | 86.7         | 25           |
| R25Y_100_100 <sub>e</sub>       | 51.3        | 74.4    | 64.8    | 98.7         | 41           |
| R50Y_100_100 <sub>e</sub>       | 63.1        | 42.7    | 70.8    | 82.7         | 58           |
| R75Y_100_100 <sub>e</sub>       | 73.5        | 18.3    | 77.7    | 79.8         | 76           |
| Y00G_100_100 <sub>e</sub>       | 83.7        | -3.4    | 84.5    | 84.5         | 92           |
| Y25G_100_100 <sub>e</sub>       | 91.0        | -29.9   | 88.9    | 93.8         | 108          |
| Y50G_100_100 <sub>e</sub>       | 85.9        | -63.0   | 82.8    | 104.1        | 127          |
| Y75G_100_100 <sub>e</sub>       | 84.1        | -76.0   | 51.4    | 91.8         | 145          |
| G00B_100_100 <sub>e</sub>       | 85.1        | -64.6   | 20.7    | 67.9         | 162          |
| G25B_100_100 <sub>e</sub>       | 86.5        | -49.9   | -8.4    | 50.6         | 189          |
| G50B_100_100 <sub>e</sub>       | 79.0        | -34.2   | -25.7   | 42.8         | 216          |
| G75B_100_100 <sub>e</sub>       | 70.0        | -19.0   | -39.6   | 43.9         | 244          |
| B00R_100_100 <sub>e</sub>       | 59.2        | 1.7     | -56.6   | 56.6         | 271          |
| B25R_100_100 <sub>e</sub>       | 38.2        | 52.7    | -90.7   | 104.9        | 300          |
| B50R_100_100 <sub>e</sub>       | 57.1        | 94.1    | -57.4   | 110.3        | 328          |
| B75R_100_100 <sub>e</sub>       | 52.9        | 83.6    | -11.6   | 84.4         | 352          |

