

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 116/360 = 0.32$

Datos del dispositivo (d) o elemental (e) color:

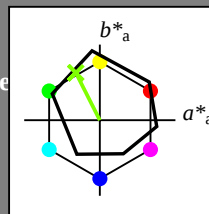
$HIC^*$

código de tono para les colore

esta página:

$H^*_ = Y50G_-$

triángulo claridad  $T^*$



| ORS18a; datos adaptados CIELAB (a) |                   |         |              |              |     |
|------------------------------------|-------------------|---------|--------------|--------------|-----|
| name                               | $L^*=L^*_a a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |     |
| R <sub>-</sub> ,Ma                 | 47.9              | 65.3    | 50.5         | 82.6         | 37  |
| Y <sub>-</sub> ,Ma                 | 90.3              | -10.2   | 91.7         | 92.3         | 96  |
| G <sub>-</sub> ,Ma                 | 50.9              | -62.8   | 34.9         | 71.9         | 150 |
| C <sub>-</sub> ,Ma                 | 58.6              | -30.3   | -45.0        | 54.2         | 236 |
| B <sub>-</sub> ,Ma                 | 25.7              | 31.0    | -44.4        | 54.2         | 305 |
| M <sub>-</sub> ,Ma                 | 48.1              | 75.2    | -8.3         | 75.7         | 353 |
| N <sub>-</sub> ,Ma                 | 18.0              | 0.0     | 0.0          | 0.0          | 0   |
| W <sub>-</sub> ,Ma                 | 95.4              | 0.0     | 0.0          | 0.0          | 0   |
| R <sub>-</sub> ,CIE                | 39.9              | 58.7    | 27.9         | 65.0         | 25  |
| Y <sub>-</sub> ,CIE                | 81.2              | -2.8    | 71.5         | 71.6         | 92  |
| G <sub>-</sub> ,CIE                | 52.2              | -42.4   | 13.6         | 44.5         | 162 |
| B <sub>-</sub> ,CIE                | 30.5              | 1.4     | -46.4        | 46.4         | 271 |

Los datos de color máximo (Ma):

$LabCh^*_{-,Ma}$ : 73 -31 62 70 116

$HIC^*_{-,Ma}$ : Y50G\_100\_100\_

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

0.5 1.0 0.0 1.0 1.0

triángulo claridad  $T^*$

% Gama

$u^*_{rel} = 92$

% Regularidad

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

| ORS20a; datos adaptados CIELAB (a) |                   |         |              |              |     |
|------------------------------------|-------------------|---------|--------------|--------------|-----|
| $H^*_$                             | $L^*=L^*_a a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |     |
| R00Y_100_100_                      | 48.4              | 66.1    | 40.2         | 77.3         | 31  |
| R25Y_100_100_                      | 56.8              | 48.0    | 50.5         | 69.6         | 46  |
| R50Y_100_100_                      | 68.6              | 25.0    | 63.9         | 68.6         | 68  |
| R75Y_100_100_                      | 80.6              | 4.8     | 77.2         | 77.3         | 86  |
| Y00G_100_100_                      | 90.2              | -9.6    | 88.2         | 88.7         | 96  |
| Y25G_100_100_                      | 83.2              | -18.4   | 79.9         | 81.9         | 102 |
| Y50G_100_100_                      | 73.3              | -31.7   | 62.7         | 70.2         | 116 |
| Y75G_100_100_                      | 62.0              | -49.7   | 43.2         | 65.8         | 139 |
| G00B_100_100_                      | 55.8              | -65.2   | 33.8         | 73.4         | 152 |
| G25B_100_100_                      | 59.3              | -50.3   | -9.0         | 51.0         | 190 |
| G50B_100_100_                      | 63.0              | -30.5   | -42.0        | 51.9         | 234 |
| G75B_100_100_                      | 45.7              | -5.7    | -44.6        | 44.9         | 262 |
| B00R_100_100_                      | 27.5              | 25.9    | -47.3        | 53.9         | 298 |
| B25R_100_100_                      | 38.3              | 52.6    | -28.5        | 59.8         | 331 |
| B50R_100_100_                      | 49.5              | 73.5    | -9.0         | 74.0         | 353 |
| B75R_100_100_                      | 48.9              | 69.3    | 12.9         | 70.4         | 10  |

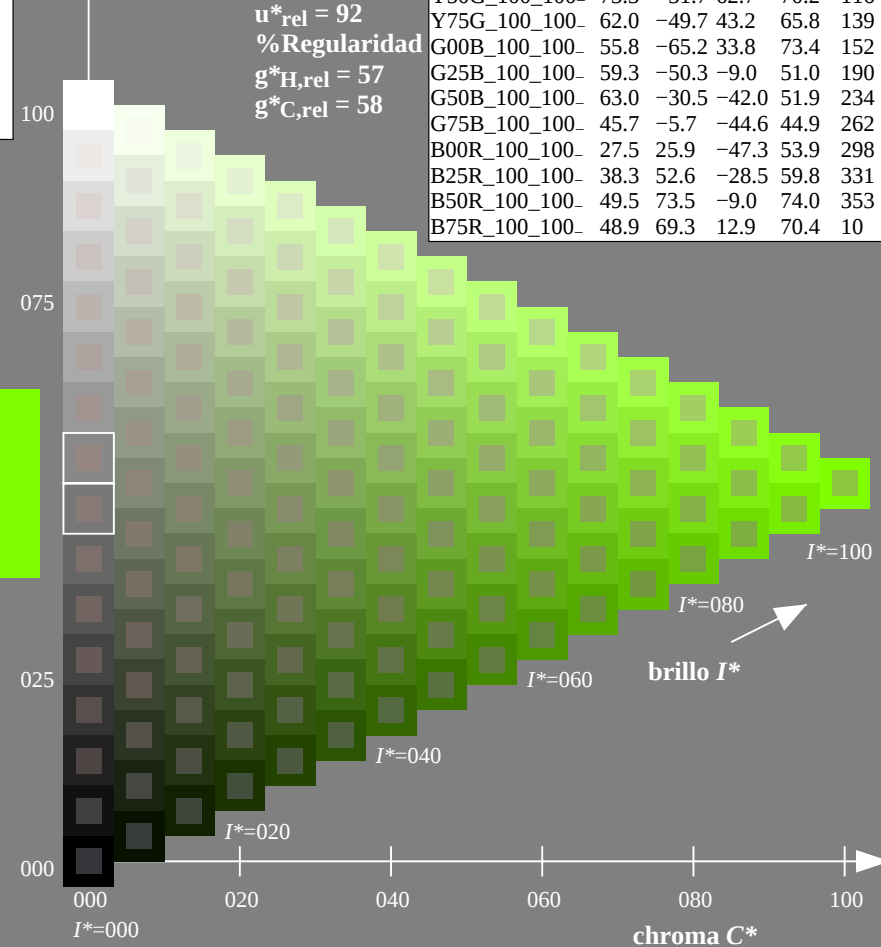
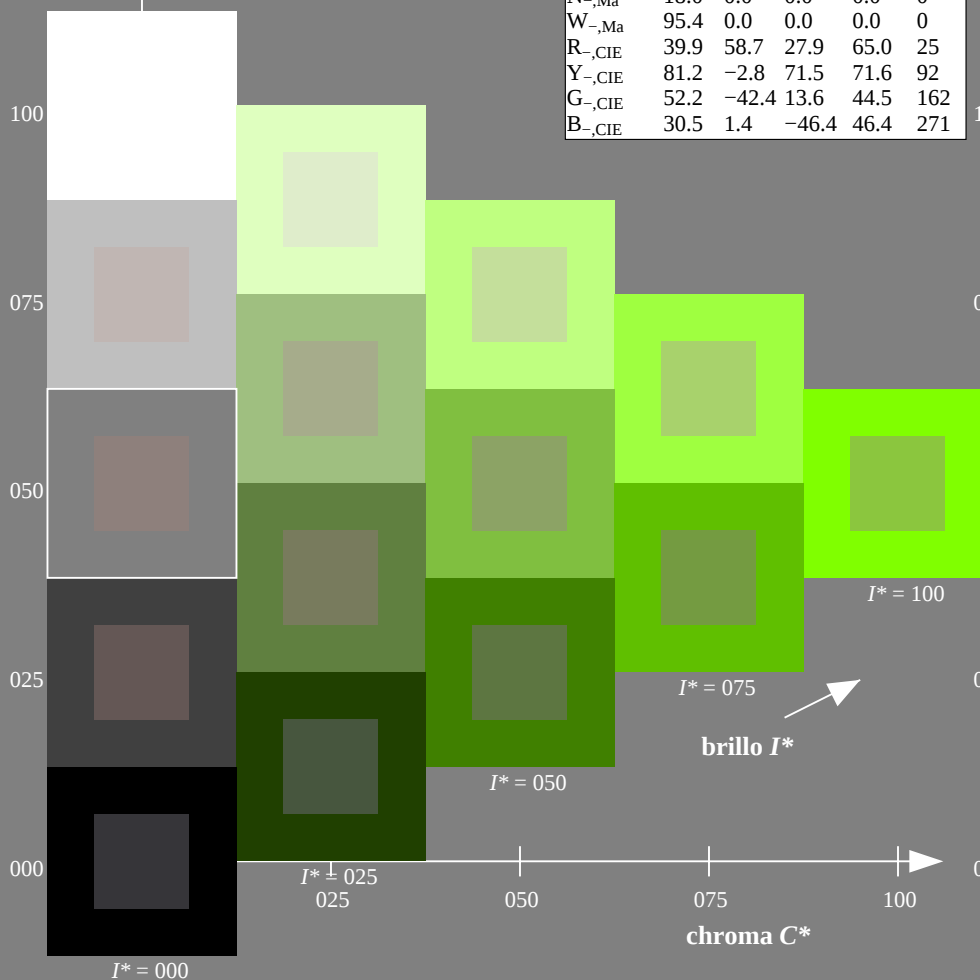


gráfico TUB-QS50; código de tono:  $H^*_ = Y50G_-$   
gráfico según a DIN 33872, 3D=1, de=0, sRGB\*

entrada:  $rgb/cmyk \rightarrow rgb/cmyk$   
salida: ningún cambio

Entrada i salida: Television Luminous System TLS00a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 128/360 = 0.35$

$H^*_d = Y50G_d$

Datos del dispositivo (d) o elemental (e) color:

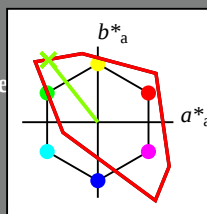
$HIC^*_d$

código de tono para les colore

esta página:

$H^*_d = Y50G_d$

triángulo claridad  $T^*$



| TLS00a; datos adaptados CIELAB (a) |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| name                               | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $R_{d,Ma}$                         | 50.4        | 76.9    | 64.5    | 100.4        | 40           |
| $Y_{d,Ma}$                         | 92.6        | -20.7   | 90.7    | 93.0         | 102          |
| $G_{d,Ma}$                         | 83.6        | -82.7   | 79.8    | 115.0        | 136          |
| $C_{d,Ma}$                         | 86.8        | -46.1   | -13.5   | 48.1         | 196          |
| $B_{d,Ma}$                         | 30.3        | 76.0    | -103.5  | 128.5        | 306          |
| $M_{d,Ma}$                         | 57.2        | 94.3    | -58.4   | 110.9        | 328          |
| $N_{d,Ma}$                         | 0.0         | 0.0     | 0.0     | 0.0          | 0            |
| $W_{d,Ma}$                         | 95.4        | 0.0     | 0.0     | 0.0          | 0            |
| $R_{d,CIE}$                        | 39.9        | 58.7    | 27.9    | 65.0         | 25           |
| $Y_{d,CIE}$                        | 81.2        | -2.8    | 71.5    | 71.6         | 92           |
| $G_{d,CIE}$                        | 52.2        | -42.4   | 13.6    | 44.5         | 162          |
| $B_{d,CIE}$                        | 30.5        | 1.4     | -46.4   | 46.4         | 271          |

Los datos de color máximo (Ma):

$LabCh^*_{d,Ma}$ : 85 -65 82 105 128

$HIC^*_{d,Ma}$ : Y50G\_100\_100d

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

0.5 1.0 0.0 1.0 1.0

triángulo claridad  $T^*$

% Gama

$u^*_{rel} = 158$

% Regularidad

$g^*_{H,rel} = 19$

$g^*_{C,rel} = 37$

| TLS00a; datos adaptados CIELAB (a) |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $H^*_d$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $R00Y\_100\_100_d$                 | 50.4        | 76.9    | 64.5    | 100.4        | 40           |
| $R25Y\_100\_100_d$                 | 53.7        | 67.6    | 65.8    | 94.4         | 44           |
| $R50Y\_100\_100_d$                 | 63.6        | 41.3    | 71.0    | 82.2         | 59           |
| $R75Y\_100\_100_d$                 | 78.2        | 7.8     | 80.6    | 81.0         | 84           |
| $Y00G\_100\_100_d$                 | 92.6        | -20.7   | 90.7    | 93.0         | 102          |
| $Y25G\_100\_100_d$                 | 88.7        | -43.3   | 86.2    | 96.5         | 116          |
| $Y50G\_100\_100_d$                 | 85.7        | -65.2   | 82.4    | 105.1        | 128          |
| $Y75G\_100\_100_d$                 | 84.0        | -78.7   | 80.4    | 112.5        | 134          |
| $G00B\_100\_100_d$                 | 83.6        | -82.7   | 79.8    | 115.0        | 136          |
| $G25B\_100\_100_d$                 | 84.3        | -73.7   | 44.9    | 86.4         | 148          |
| $G50B\_100\_100_d$                 | 86.8        | -46.1   | -13.5   | 48.1         | 196          |
| $G75B\_100\_100_d$                 | 51.7        | 18.3    | -68.3   | 70.7         | 285          |
| $B00R\_100\_100_d$                 | 30.3        | 76.0    | -103.5  | 128.5        | 306          |
| $B25R\_100\_100_d$                 | 38.5        | 79.8    | -89.7   | 120.0        | 311          |
| $B50R\_100\_100_d$                 | 57.2        | 94.3    | -58.4   | 110.9        | 328          |
| $B75R\_100\_100_d$                 | 52.0        | 81.1    | 4.1     | 81.2         | 2            |

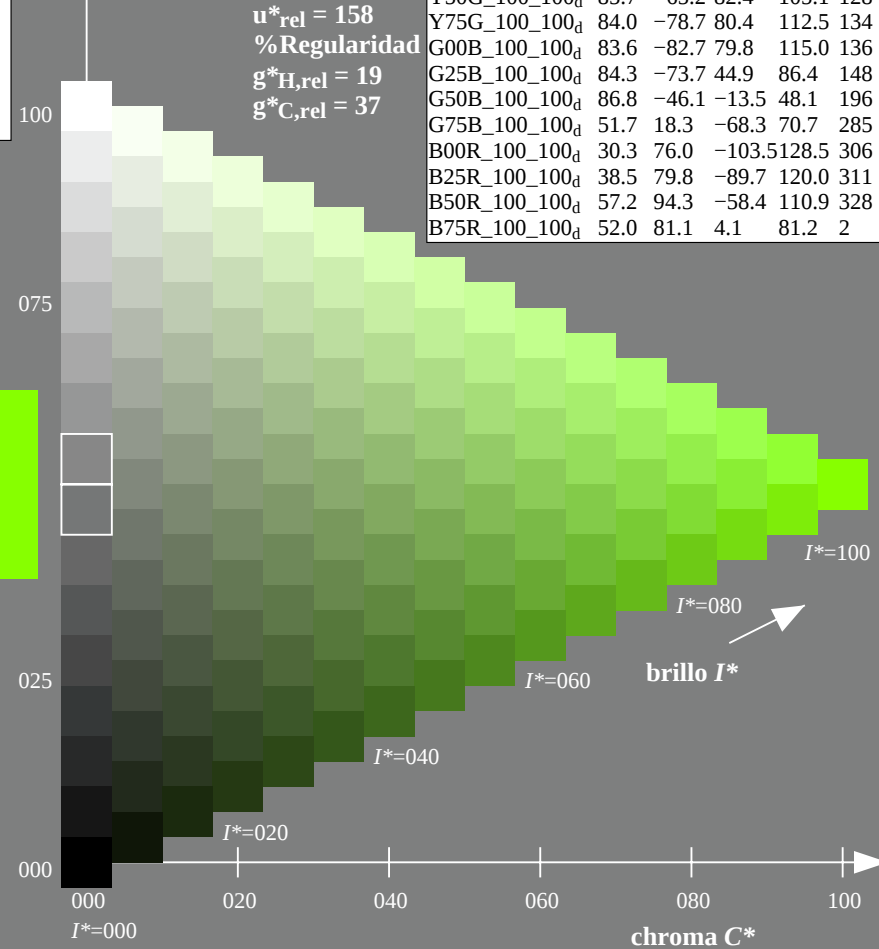
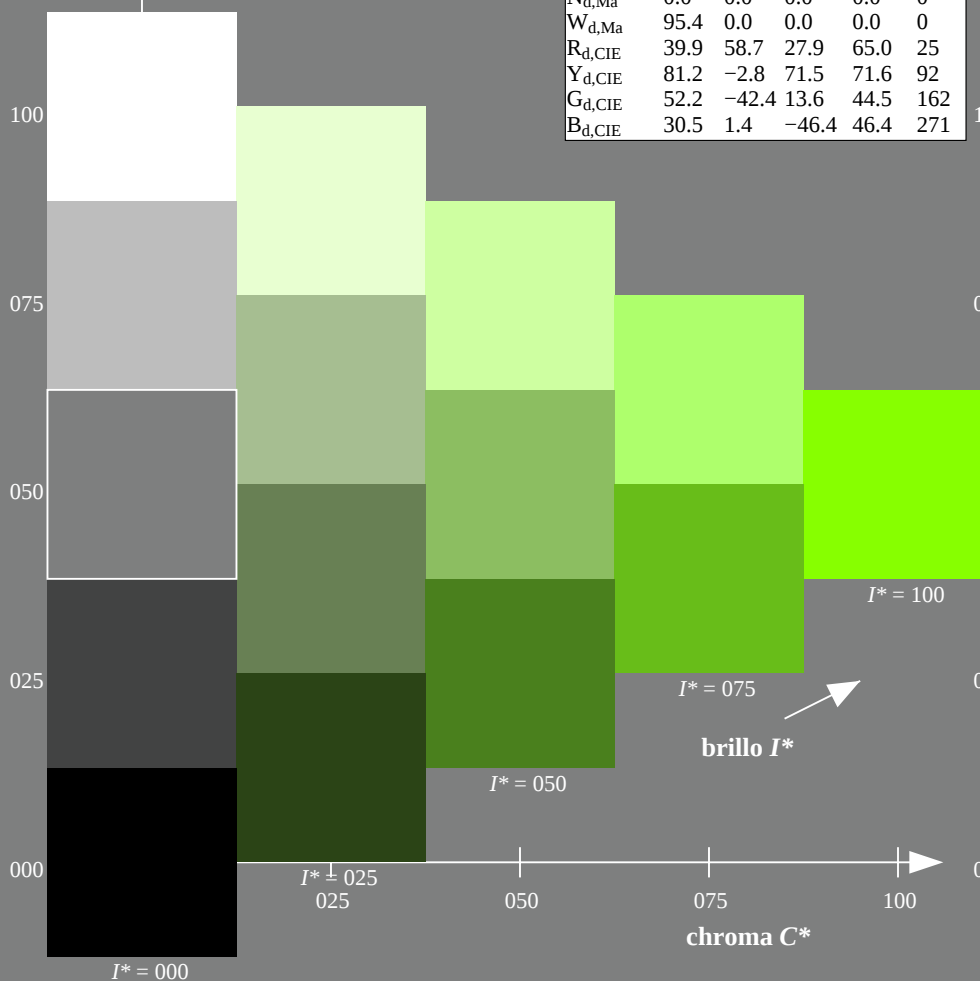


gráfico TUB-QS50; código de tono:  $H^*_d=Y50G_d$   
gráfico según a DIN 33872, 3D=1, de=0, sRGB\*

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$   
salida: 3D-linealización a  $rgb^*_{dd}$

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 116/360 = 0.32$

Datos del dispositivo (d) o elemental (e) color:

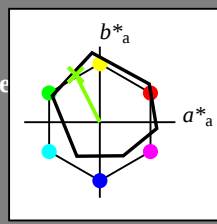
$HIC^*$

código de tono para les colore

esta página:

$H^*_ = Y50G_-$

triángulo claridad  $T^*$



**ORS18a; datos adaptados CIELAB (a)**

| name                | $L^*=L^*_a a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---------------------|-------------------|---------|--------------|--------------|
| R <sub>-</sub> ,Ma  | 47.9              | 65.3    | 50.5         | 82.6         |
| Y <sub>-</sub> ,Ma  | 90.3              | -10.2   | 91.7         | 92.3         |
| G <sub>-</sub> ,Ma  | 50.9              | -62.8   | 34.9         | 71.9         |
| C <sub>-</sub> ,Ma  | 58.6              | -30.3   | -45.0        | 54.2         |
| B <sub>-</sub> ,Ma  | 25.7              | 31.0    | -44.4        | 54.2         |
| M <sub>-</sub> ,Ma  | 48.1              | 75.2    | -8.3         | 75.7         |
| N <sub>-</sub> ,Ma  | 18.0              | 0.0     | 0.0          | 0.0          |
| W <sub>-</sub> ,Ma  | 95.4              | 0.0     | 0.0          | 0.0          |
| R <sub>-</sub> ,CIE | 39.9              | 58.7    | 27.9         | 65.0         |
| Y <sub>-</sub> ,CIE | 81.2              | -2.8    | 71.5         | 71.6         |
| G <sub>-</sub> ,CIE | 52.2              | -42.4   | 13.6         | 44.5         |
| B <sub>-</sub> ,CIE | 30.5              | 1.4     | -46.4        | 46.4         |

Los datos de color máximo (Ma):

$LabCh^*_{-,Ma}$ : 73 -31 62 70 116

$HIC^*_{-,Ma}$ : Y50G\_100\_100\_

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

0.5 1.0 0.0 1.0 1.0

triángulo claridad  $T^*$

%Gama

$u^*_{rel} = 92$

%Regularidad

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

**ORS20a; datos adaptados CIELAB (a)**

| $H^*_$        | $L^*=L^*_a a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---------------|-------------------|---------|--------------|--------------|
| R00Y_100_100_ | 48.4              | 66.1    | 40.2         | 77.3         |
| R25Y_100_100_ | 56.8              | 48.0    | 50.5         | 69.6         |
| R50Y_100_100_ | 68.6              | 25.0    | 63.9         | 68.6         |
| R75Y_100_100_ | 80.6              | 4.8     | 77.2         | 77.3         |
| Y00G_100_100_ | 90.2              | -9.6    | 88.2         | 88.7         |
| Y25G_100_100_ | 83.2              | -18.4   | 79.9         | 81.9         |
| Y50G_100_100_ | 73.3              | -31.7   | 62.7         | 70.2         |
| Y75G_100_100_ | 62.0              | -49.7   | 43.2         | 65.8         |
| G00B_100_100_ | 55.8              | -65.2   | 33.8         | 73.4         |
| G25B_100_100_ | 59.3              | -50.3   | -9.0         | 51.0         |
| G50B_100_100_ | 63.0              | -30.5   | -42.0        | 51.9         |
| G75B_100_100_ | 45.7              | -5.7    | -44.6        | 44.9         |
| B00R_100_100_ | 27.5              | 25.9    | -47.3        | 53.9         |
| B25R_100_100_ | 38.3              | 52.6    | -28.5        | 59.8         |
| B50R_100_100_ | 49.5              | 73.5    | -9.0         | 74.0         |
| B75R_100_100_ | 48.9              | 69.3    | 12.9         | 70.4         |

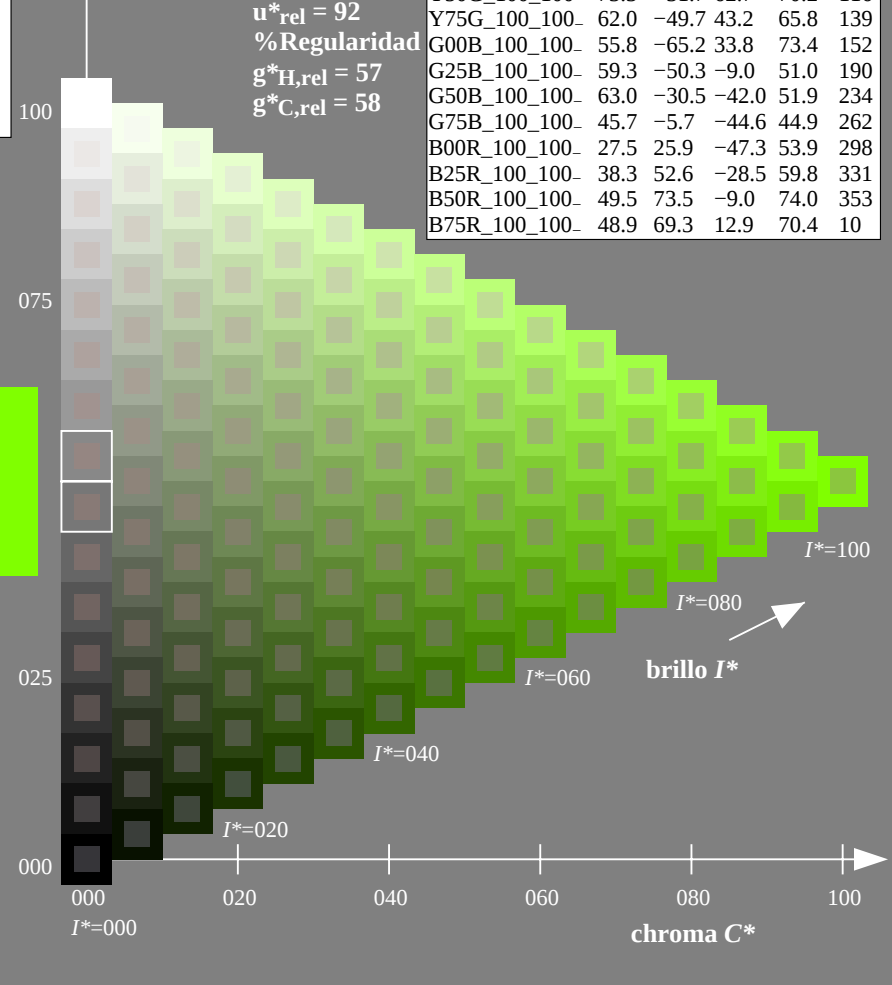
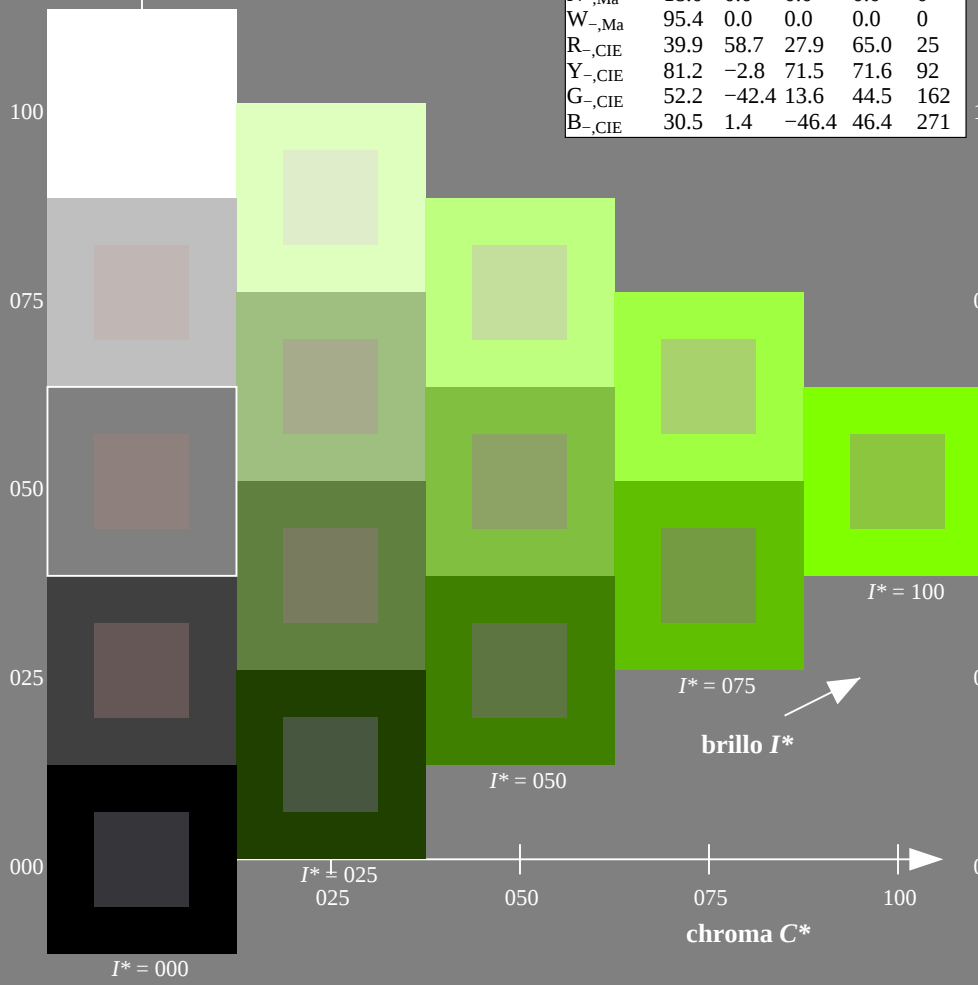


gráfico TUB-QS50; código de tono:  $H^*_ = Y50G_-$   
gráfico según a DIN 33872, 3D=1, de=1, sRGB\*

entrada:  $rgb/cmyk \rightarrow rgb/cmyk$   
salida: ningún cambio

TUB matrícula: 20130201-QS50/QS50L0FA.TXT /.PS  
aplicación para la medida de display output

TUB material: code=rha4ta

Entrada i salida: Television Luminous System TLS00a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 127/360 = 0.35$

$H^*_e = Y50G_e$

Datos del dispositivo (d) o elemental (e) color:

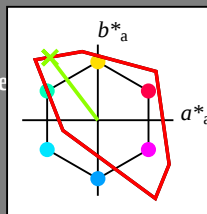
$HIC^*_e$

código de tono para los colores

esta página:

$H^*_e = Y50G_e$

triángulo claridad  $T^*$



| TLS00a; datos adaptados CIELAB (a) |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| 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          |

Los datos de color máximo (Ma):

$LabCh^*_e, Ma$ : 85 -63 82 104 127

$HIC^*_e, Ma$ : Y50G\_100\_100<sub>e</sub>

$rgbic^*_e, Ma$ :

0.52 1.0 0.0 1.0 1.0

triángulo claridad  $T^*$

% Gama

$u^*_{rel} = 158$

% Regularidad

$g^*_{H,rel} = 19$

$g^*_{C,rel} = 37$

| TLS00a; datos adaptados CIELAB (a) |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $H^*_e$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| 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          |

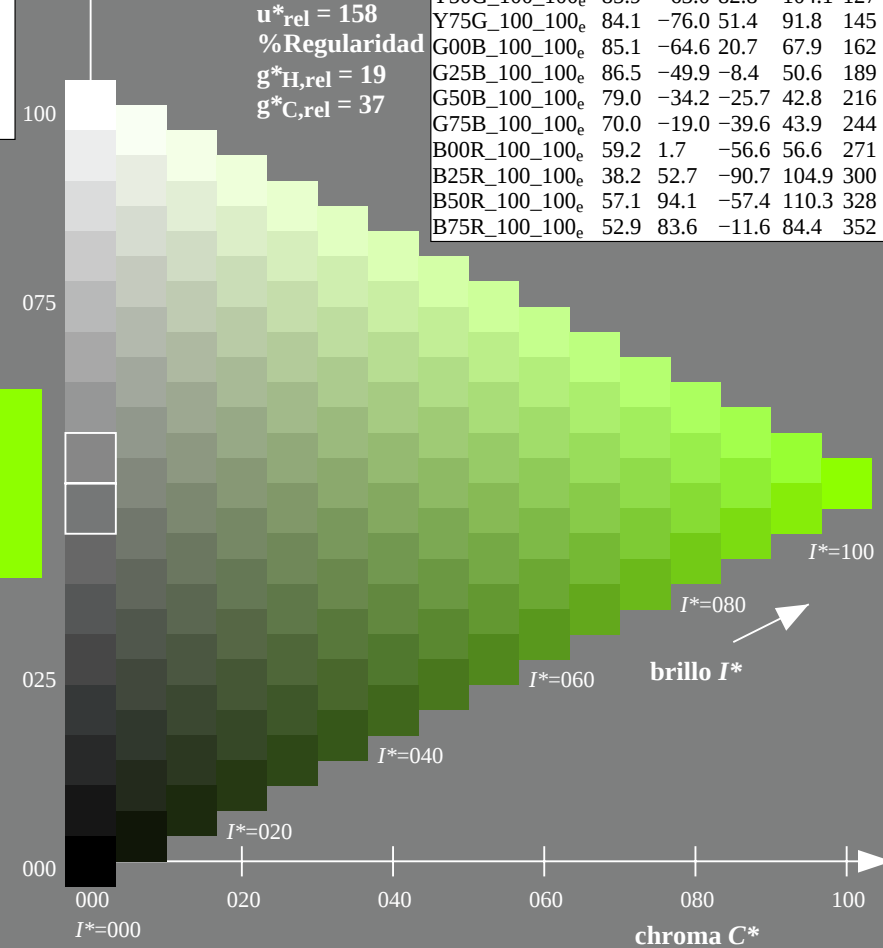
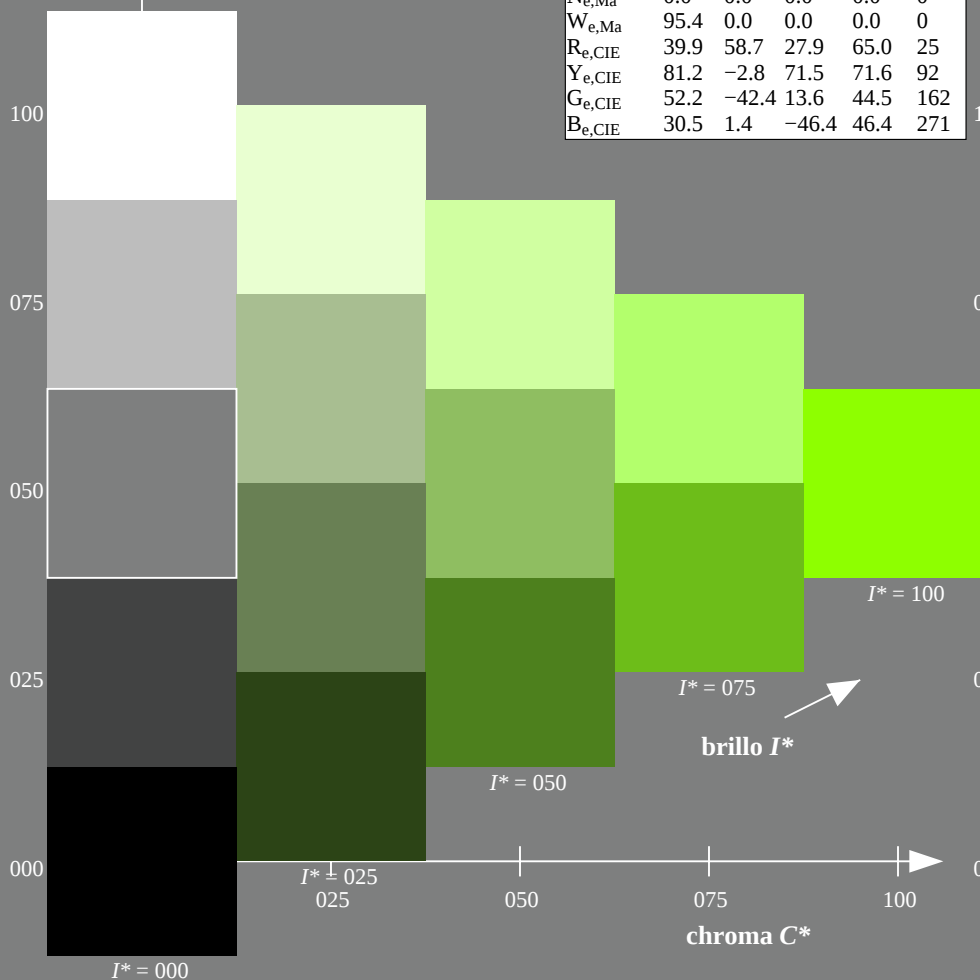


gráfico TUB-QS50; código de tono:  $H^*_e = Y50G_e$   
gráfico según a DIN 33872, 3D=1, de=1, sRGB\*

entrada:  $rgb/cmyk \rightarrow rgb_{de}$   
salida: 3D-linealización a  $rgb^*_{de}$