

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 46/360 = 0.12$

$H^*_{-} = R25Y_{-}$

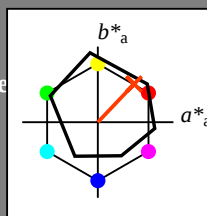
Datos del dispositivo (d) o elemental (e) color:

$HIC^*_{-}$

código de tono para les colore esta página:

$H^*_{-} = R25Y_{-}$

triângulo 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):

$LabCh^*_{-,Ma}$ : 56 48 50 69 46

$HIC^*_{-,Ma}$ : R25Y\_100\_100\_

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

1.0 0.23 0.0 1.0 1.0

triângulo 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  |

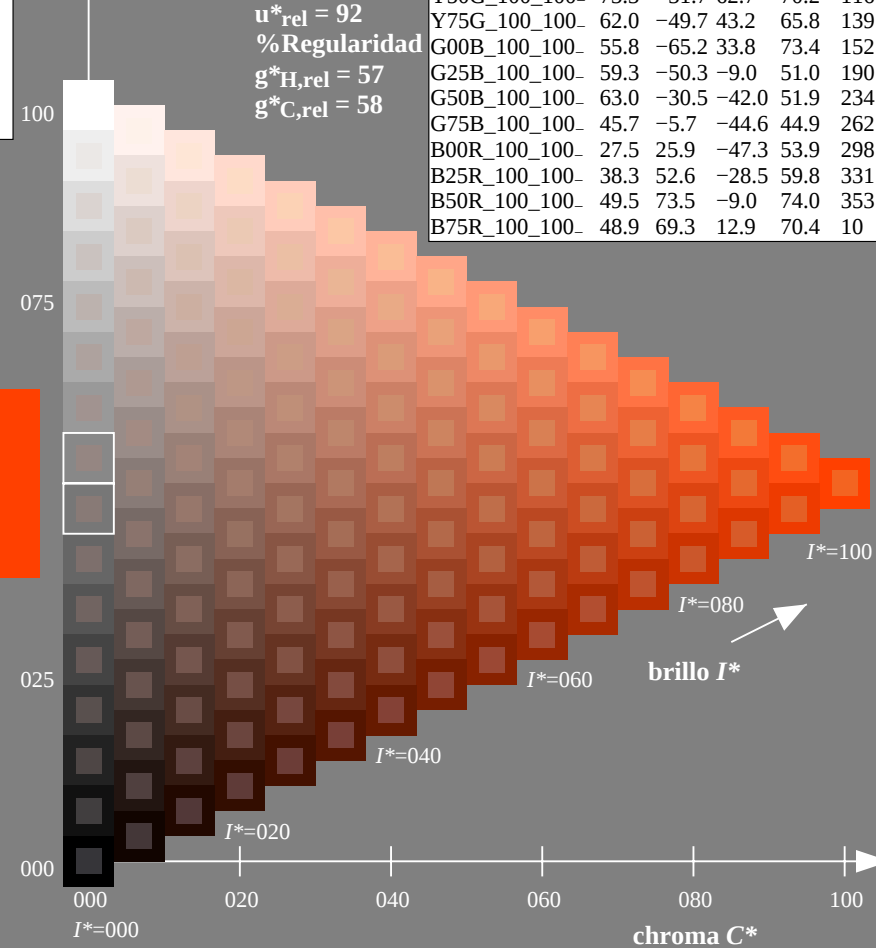
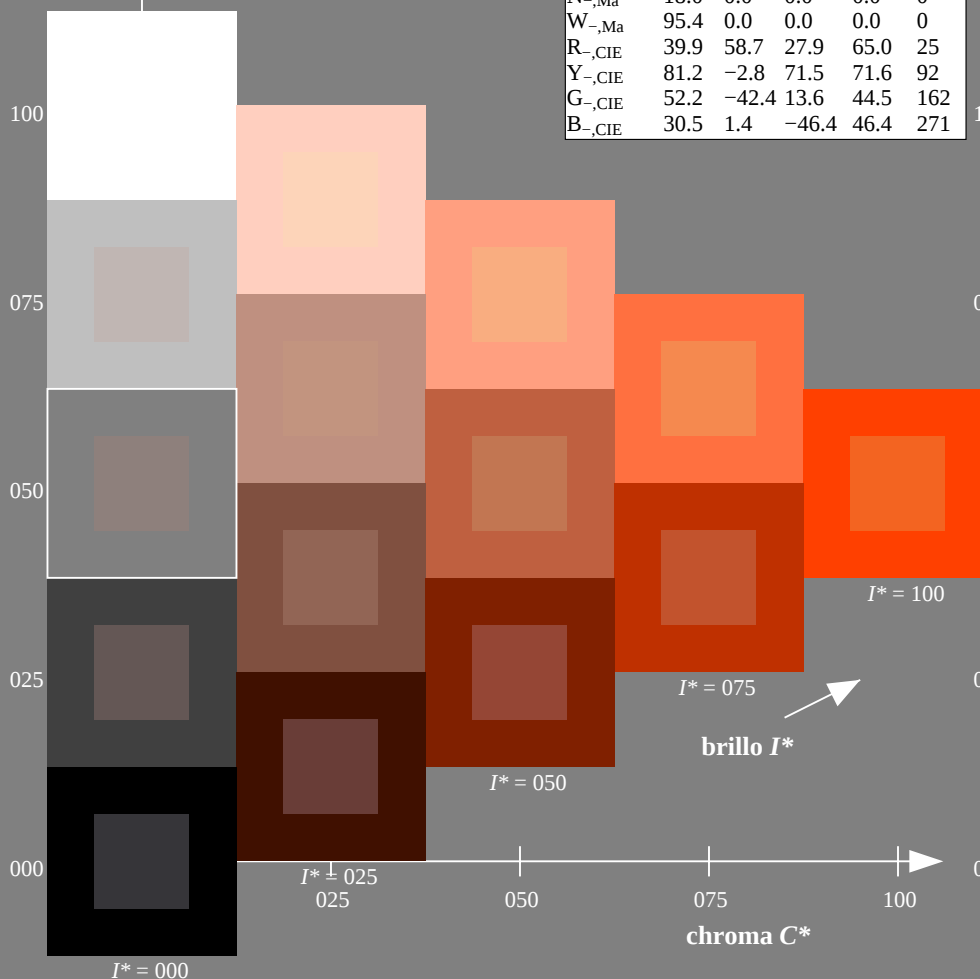


gráfico TUB-QS06; código de tono:  $H^*_{-}=R25Y_{-}$   
gráfico según a DIN 33872, 3D=1, de=0,  $cmY0^*$

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

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 45/360 = 0.12$

$H^*_d = R25Y_d$

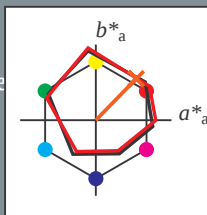
Datos del dispositivo (d) o elemental (e) color:

$HIC^*_d$

código de tono para les colore  
esta página:

$H^*_d = R25Y_d$

triàngulo claridad  $T^*$



| ORS20a; datos adaptados CIELAB (a) |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| name                               | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R <sub>d</sub> ,Ma                 | 45.4        | 70.9    | 44.8    | 83.9         | 32           |
| Y <sub>d</sub> ,Ma                 | 87.8        | -10.2   | 95.4    | 96.0         | 96           |
| G <sub>d</sub> ,Ma                 | 50.0        | -65.0   | 29.6    | 71.4         | 155          |
| C <sub>d</sub> ,Ma                 | 56.8        | -25.5   | -41.5   | 48.7         | 238          |
| B <sub>d</sub> ,Ma                 | 25.0        | 29.5    | -40.4   | 50.0         | 306          |
| M <sub>d</sub> ,Ma                 | 46.1        | 79.3    | -0.2    | 79.3         | 359          |
| N <sub>d</sub> ,Ma                 | 24.3        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>d</sub> ,Ma                 | 95.6        | 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          |

Los datos de color máximo (Ma):

$LabCh^*_d, Ma$ : 53 53 54 76 45

$HIC^*_d, Ma$ : R25Y\_100\_100<sub>d</sub>

$rgbic^*_d, Ma$ :

1.0 0.23 0.0 1.0 1.0

triàngulo claridad  $T^*$

% Gama

$u^*_{rel} = 92$

% Regularidad

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

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

| ORS20a; datos adaptados CIELAB (a) |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $H^*_d$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R00Y_100_100 <sub>d</sub>          | 45.4        | 70.9    | 44.8    | 83.9         | 32           |
| R25Y_100_100 <sub>d</sub>          | 53.0        | 53.4    | 54.8    | 76.5         | 45           |
| R50Y_100_100 <sub>d</sub>          | 64.9        | 28.9    | 68.6    | 74.5         | 67           |
| R75Y_100_100 <sub>d</sub>          | 78.6        | 4.3     | 84.7    | 84.8         | 87           |
| Y00G_100_100 <sub>d</sub>          | 87.8        | -10.2   | 95.4    | 96.0         | 96           |
| Y25G_100_100 <sub>d</sub>          | 81.2        | -17.0   | 84.3    | 86.0         | 101          |
| Y50G_100_100 <sub>d</sub>          | 70.6        | -29.7   | 66.5    | 72.8         | 114          |
| Y75G_100_100 <sub>d</sub>          | 57.9        | -48.3   | 45.8    | 66.5         | 136          |
| G00B_100_100 <sub>d</sub>          | 50.0        | -65.0   | 29.6    | 71.4         | 155          |
| G25B_100_100 <sub>d</sub>          | 52.9        | -48.6   | -8.0    | 49.3         | 189          |
| G50B_100_100 <sub>d</sub>          | 56.8        | -25.5   | -41.5   | 48.7         | 238          |
| G75B_100_100 <sub>d</sub>          | 41.7        | -1.2    | -40.6   | 40.6         | 268          |
| B00R_100_100 <sub>d</sub>          | 25.0        | 29.5    | -40.4   | 50.0         | 306          |
| B25R_100_100 <sub>d</sub>          | 35.6        | 58.6    | -20.7   | 62.1         | 340          |
| B50R_100_100 <sub>d</sub>          | 46.1        | 79.3    | -0.2    | 79.3         | 359          |
| B75R_100_100 <sub>d</sub>          | 45.9        | 74.2    | 21.1    | 77.1         | 15           |

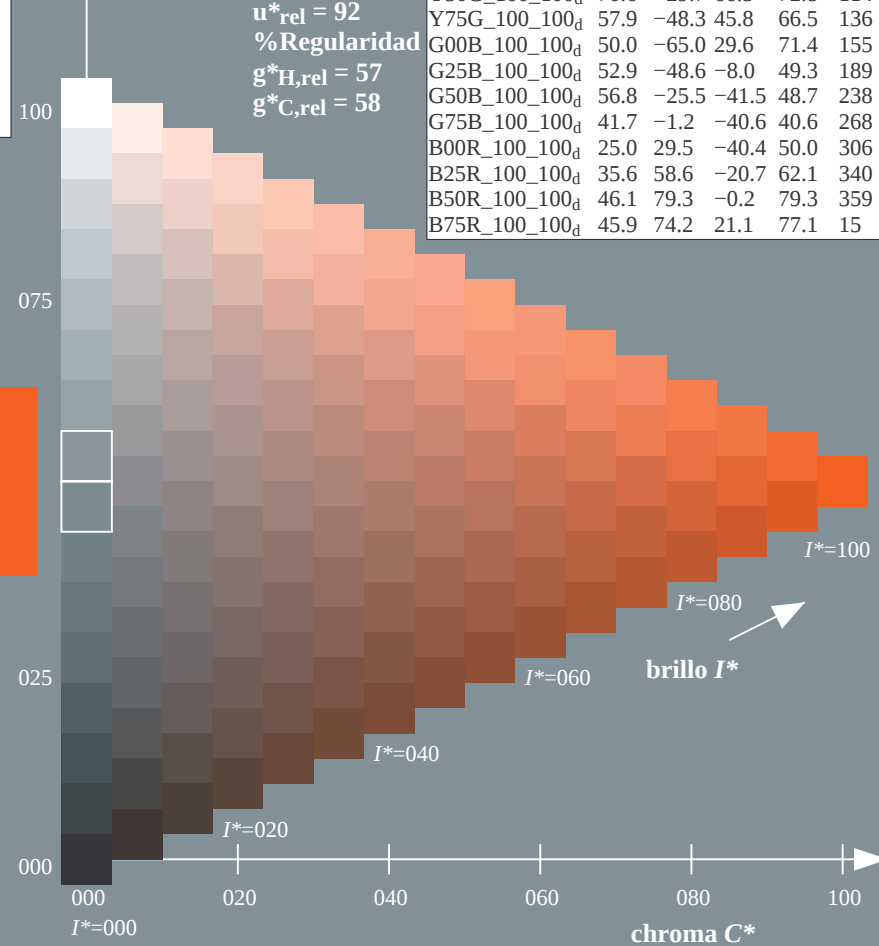
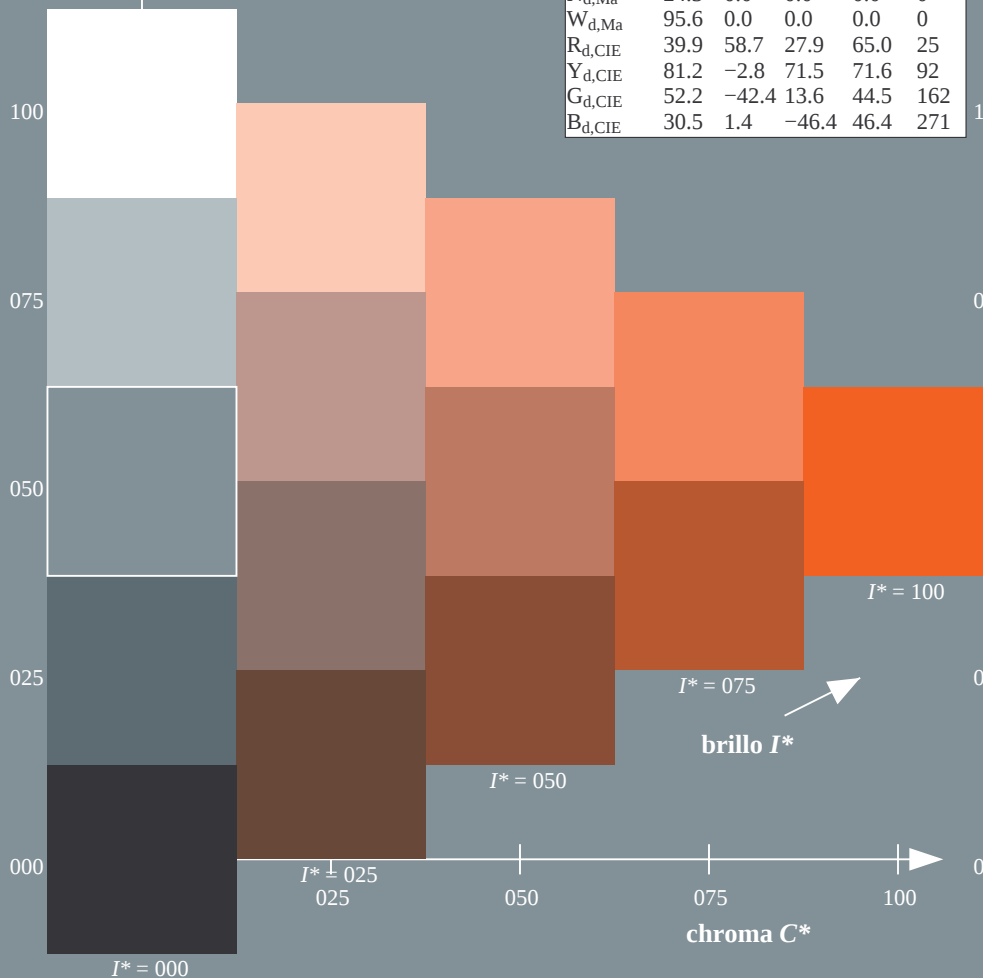


gráfico TUB-QS06; código de tono:  $H^*_d=R25Y_d$   
gráfico según a DIN 33872, 3D=1, de=0,  $cmY0^*$

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$   
salida: 3D-linealización a  $cmY0^*_{dd}$

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 46/360 = 0.12$

$H^*_ = R25Y_-$

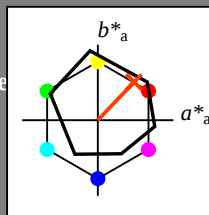
Datos del dispositivo (d) o elemental (e) color:

$HIC^*_$

código de tono para les colore esta página:

$H^*_ = R25Y_-$

triângulo 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):

$LabCh^*_{-,Ma}$ : 56 48 50 69 46

$HIC^*_{-,Ma}$ : R25Y\_100\_100\_

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

1.0 0.23 0.0 1.0 1.0

triângulo 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  |

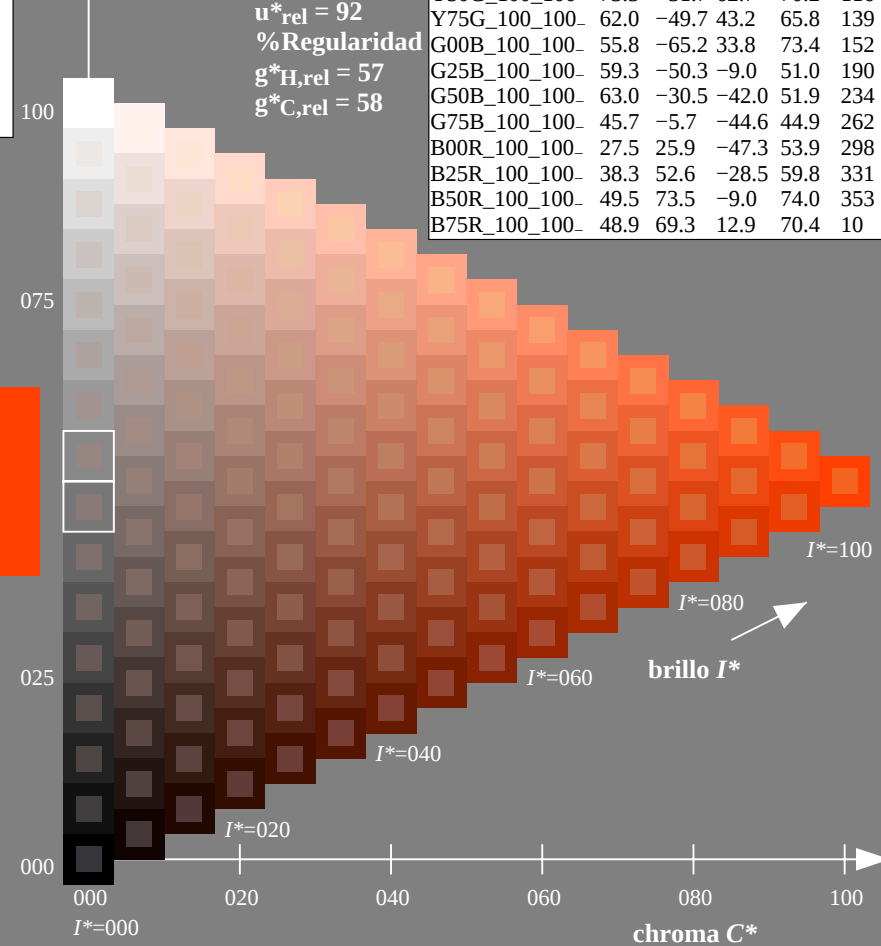
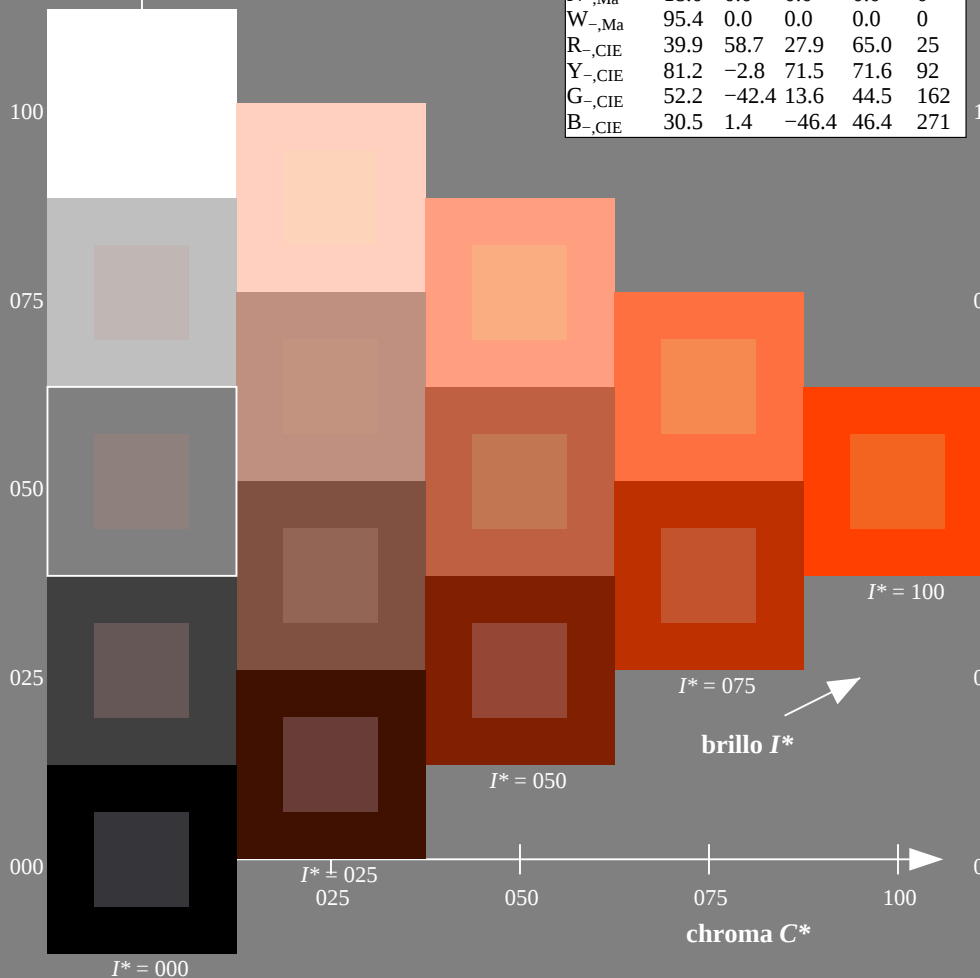


gráfico TUB-QS06; código de tono:  $H^*_ = R25Y_-$   
gráfico según a DIN 33872, 3D=1, de=1,  $cm y0^*$

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

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 41/360 = 0.11$

$H^*_e = R25Y_e$

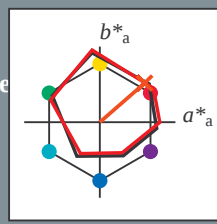
Datos del dispositivo (d) o elemental (e) color:

$HIC^*_e$

código de tono para les colore esta página:

$H^*_e = R25Y_e$

triángulo claridad  $T^*$



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

| name       | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------|-------------|---------|---------|--------------|--------------|
| $R_e, Ma$  | 45.6        | 72.2    | 34.4    | 80.0         | 25           |
| $Y_e, Ma$  | 83.6        | -3.6    | 90.4    | 90.4         | 92           |
| $G_e, Ma$  | 50.6        | -62.1   | 19.9    | 65.2         | 162          |
| $C_e, Ma$  | 55.0        | -36.2   | -27.2   | 45.3         | 216          |
| $B_e, Ma$  | 40.2        | 1.2     | -40.6   | 40.6         | 271          |
| $M_e, Ma$  | 31.1        | 47.7    | -29.1   | 55.9         | 328          |
| $N_e, Ma$  | 24.3        | 0.0     | 0.0     | 0.0          | 0            |
| $W_e, Ma$  | 95.6        | 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          |

Los datos de color máximo (Ma):

$LabCh^*_e, Ma: 50\ 59\ 51\ 78\ 41$

$HIC^*_e, Ma: R25Y_{100\ 100}_e$

$rgbic^*_e, Ma:$

1.0 0.16 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)**

| $H^*_e$             | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---------------------|-------------|---------|---------|--------------|--------------|
| $R00Y_{100\ 100}_e$ | 45.6        | 72.2    | 34.4    | 80.0         | 25           |
| $R25Y_{100\ 100}_e$ | 50.5        | 59.2    | 51.6    | 78.6         | 41           |
| $R50Y_{100\ 100}_e$ | 60.2        | 38.2    | 63.4    | 74.1         | 58           |
| $R75Y_{100\ 100}_e$ | 70.9        | 17.9    | 75.9    | 77.9         | 76           |
| $Y00G_{100\ 100}_e$ | 83.6        | -3.6    | 90.4    | 90.4         | 92           |
| $Y25G_{100\ 100}_e$ | 74.5        | -25.0   | 74.3    | 78.4         | 108          |
| $Y50G_{100\ 100}_e$ | 62.6        | -40.9   | 53.8    | 67.6         | 127          |
| $Y75G_{100\ 100}_e$ | 54.1        | -55.5   | 37.5    | 67.0         | 145          |
| $G00B_{100\ 100}_e$ | 50.6        | -62.1   | 19.9    | 65.2         | 162          |
| $G25B_{100\ 100}_e$ | 53.0        | -48.6   | -8.2    | 49.2         | 189          |
| $G50B_{100\ 100}_e$ | 55.0        | -36.2   | -27.2   | 45.3         | 216          |
| $G75B_{100\ 100}_e$ | 53.3        | -19.8   | -41.3   | 45.9         | 244          |
| $B00R_{100\ 100}_e$ | 40.2        | 1.2     | -40.6   | 40.6         | 271          |
| $B25R_{100\ 100}_e$ | 28.1        | 23.4    | -40.3   | 46.7         | 300          |
| $B50R_{100\ 100}_e$ | 31.1        | 47.7    | -29.1   | 55.9         | 328          |
| $B75R_{100\ 100}_e$ | 41.4        | 70.4    | -9.8    | 71.1         | 352          |

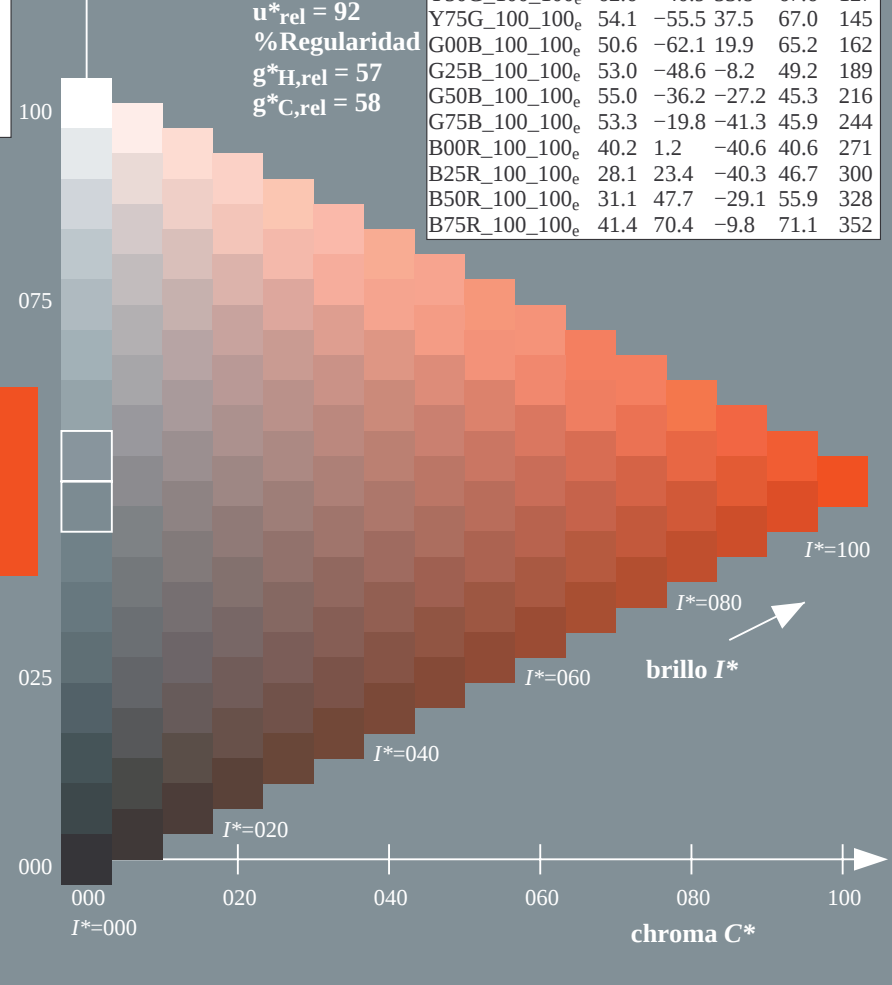
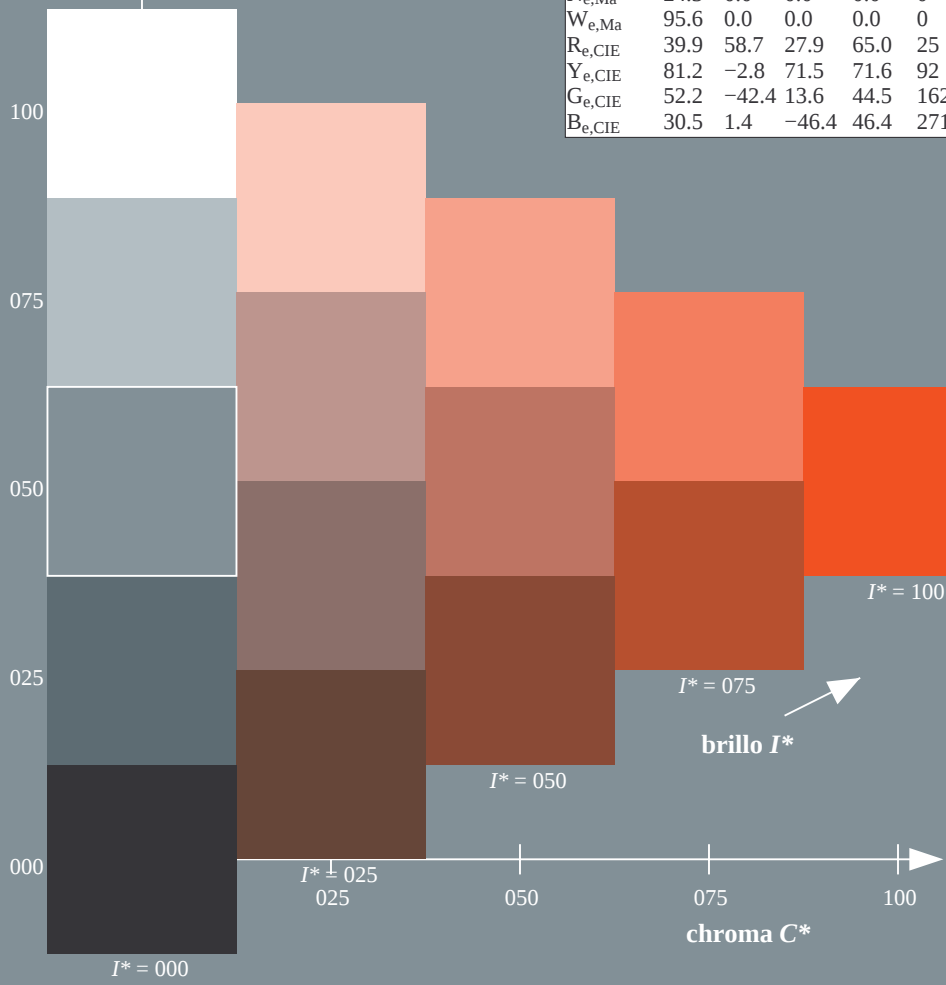


gráfico TUB-QS06; código de tono:  $H^*_e=R25Y_e$   
gráfico según a DIN 33872, 3D=1, de=1,  $cmY0^*$

entrada:  $rgb/cmyk \rightarrow rgb_{de}$   
salida: 3D-linealización a  $cmY0^*_{de}$

TUB matrícula: 20130201-QS06/QS06L0FA.TXT /.PS  
aplicación para la medida salida en la impresión offset, separación  $cmY0^*$  (CMY0)

TUB material: code=rha4ta