

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 152/360 = 0.42$

$H^*_- = G00B_-$

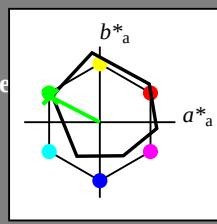
Datos del dispositivo (d) o elemental (e) color:

$HIC^*_-$

código de tono para les colore esta página:

$H^*_- = G00B_-$

triángulo claridad  $T^*$



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

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

Los datos de color máximo (Ma):

$LabCh^*_- ,Ma$ : 55 -65 33 73 152

$HIC^*_- ,Ma$ : G00B\_100\_100-

$rgbic^*_- ,Ma$ :

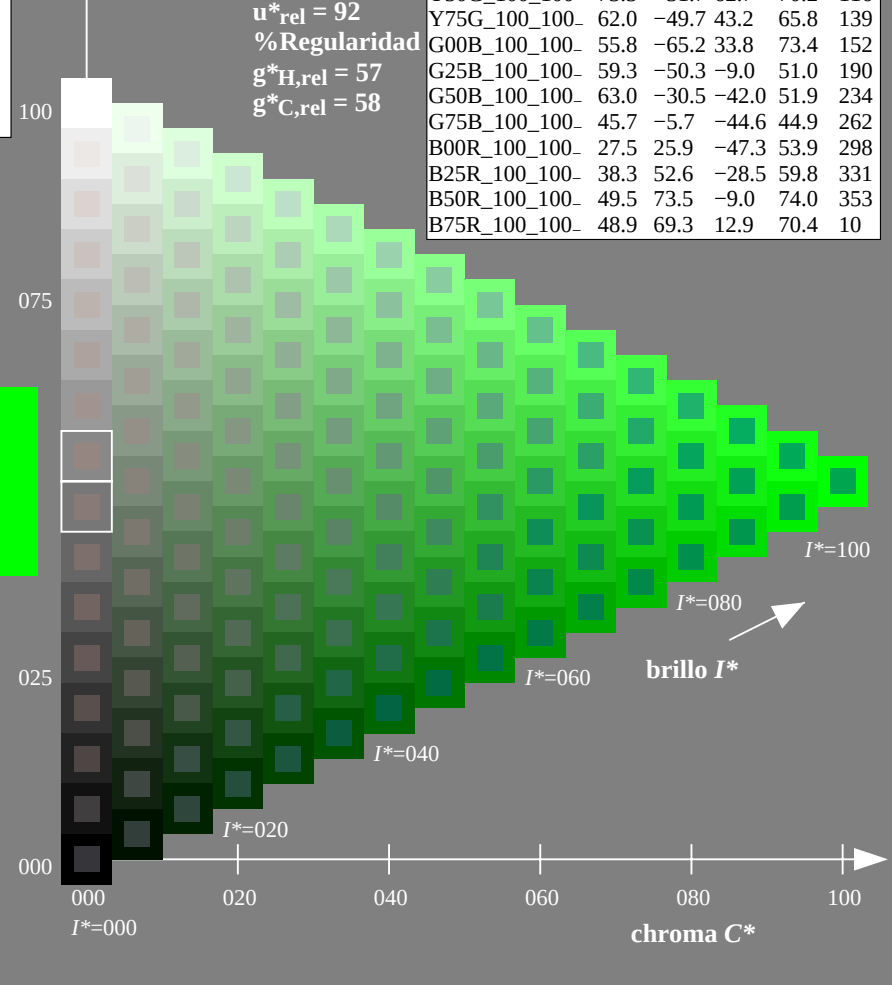
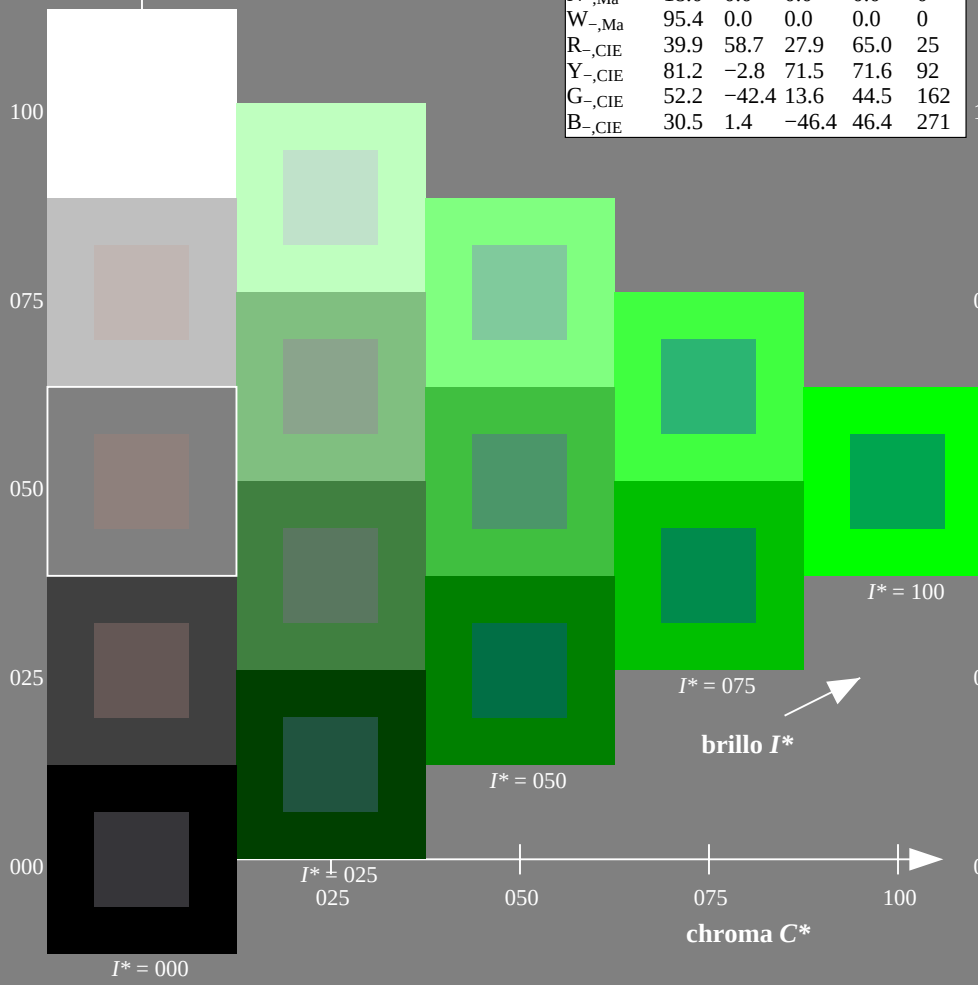
0.0 1.0 0.0 1.0 1.0

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           |



Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 155/360 = 0.43$

$H^*_d = G00B_d$

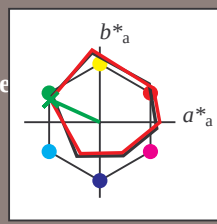
Datos del dispositivo (d) o elemental (e) color:

$HIC^*_d$

código de tono para les colore esta página:

$H^*_d = G00B_d$

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):

$LabCh^*_d, Ma: 50 \ -65 \ 29 \ 71 \ 155$

$HIC^*_d, Ma: G00B\_100\_100_d$

$rgbic^*_d, Ma:$

0.0 1.0 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_d | 45.4        | 70.9    | 44.8    | 83.9         | 32           |
| R25Y_100_100_d | 53.0        | 53.4    | 54.8    | 76.5         | 45           |
| R50Y_100_100_d | 64.9        | 28.9    | 68.6    | 74.5         | 67           |
| R75Y_100_100_d | 78.6        | 4.3     | 84.7    | 84.8         | 87           |
| Y00G_100_100_d | 87.8        | -10.2   | 95.4    | 96.0         | 96           |
| Y25G_100_100_d | 81.2        | -17.0   | 84.3    | 86.0         | 101          |
| Y50G_100_100_d | 70.6        | -29.7   | 66.5    | 72.8         | 114          |
| Y75G_100_100_d | 57.9        | -48.3   | 45.8    | 66.5         | 136          |
| G00B_100_100_d | 50.0        | -65.0   | 29.6    | 71.4         | 155          |
| G25B_100_100_d | 52.9        | -48.6   | -8.0    | 49.3         | 189          |
| G50B_100_100_d | 56.8        | -25.5   | -41.5   | 48.7         | 238          |
| G75B_100_100_d | 41.7        | -1.2    | -40.6   | 40.6         | 268          |
| B00R_100_100_d | 25.0        | 29.5    | -40.4   | 50.0         | 306          |
| B25R_100_100_d | 35.6        | 58.6    | -20.7   | 62.1         | 340          |
| B50R_100_100_d | 46.1        | 79.3    | -0.2    | 79.3         | 359          |
| B75R_100_100_d | 45.9        | 74.2    | 21.1    | 77.1         | 15           |

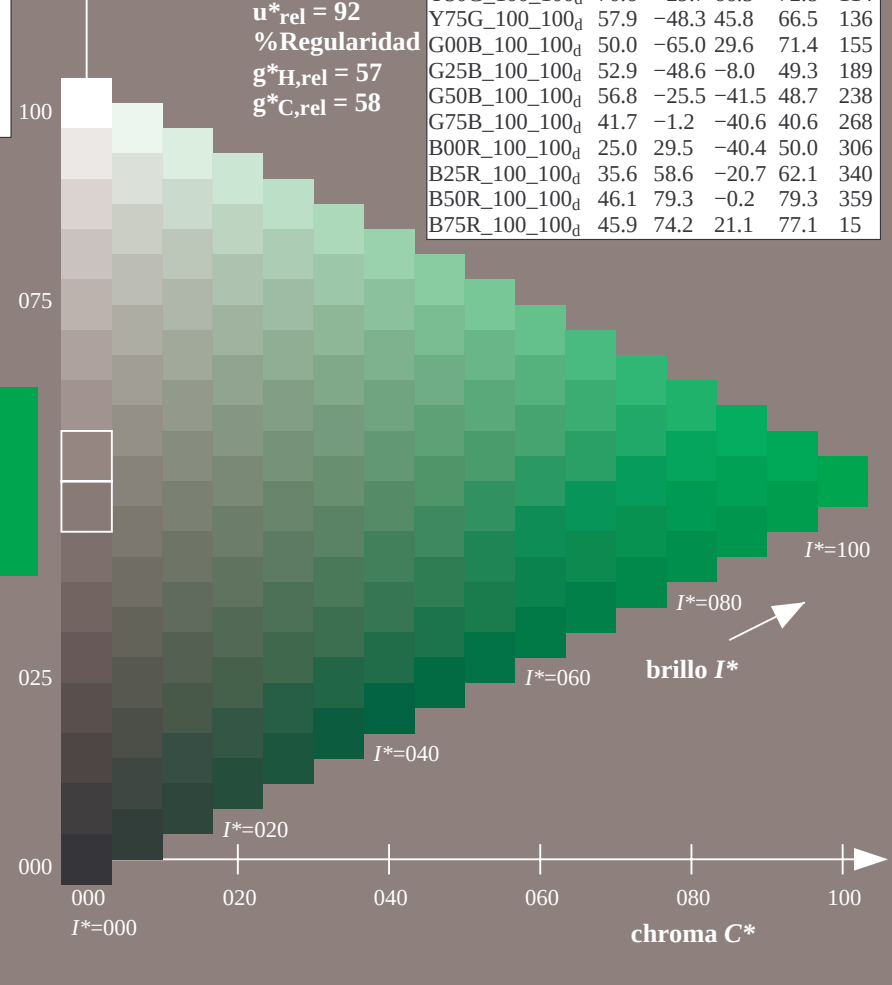
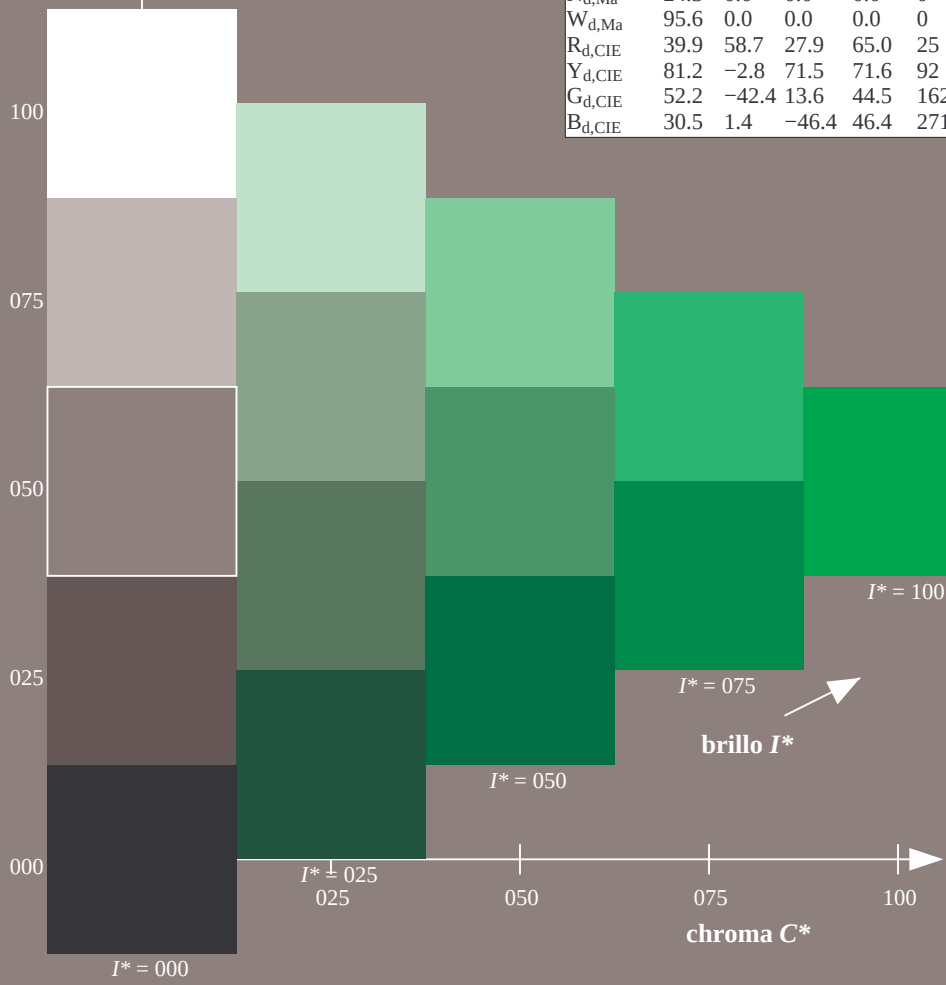


gráfico TUB-QS76; código de tono:  $H^*_d=G00B_d$   
gráfico según a DIN 33872, 3D=0, de=0,  $cmY0$

entrada:  $rgb/cmyk \rightarrow rgb_d$   
salida: transfiera a  $cmY0_d$

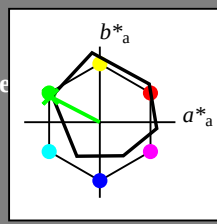
TUB matrícula: 20130201-QS76/QS76L0NA.TXT / .PS  
aplicación para la medida salida en la impresión offset, separación  $cmY0$  (CMY0)

TUB material: code=rha4ta

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 152/360 = 0.42$

$H^*_- = G00B_-$

Datos del dispositivo (d) o elemental (e) color:  
 $HIC^*_-$   
código de tono para les colore esta página:  
 $H^*_- = G00B_-$   
triángulo claridad  $T^*$



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

| name   | $L^*=L^*_a a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------------|---------|--------------|--------------|
| R-,Ma  | 47.9              | 65.3    | 50.5         | 82.6         |
| Y-,Ma  | 90.3              | -10.2   | 91.7         | 92.3         |
| G-,Ma  | 50.9              | -62.8   | 34.9         | 71.9         |
| C-,Ma  | 58.6              | -30.3   | -45.0        | 54.2         |
| B-,Ma  | 25.7              | 31.0    | -44.4        | 54.2         |
| M-,Ma  | 48.1              | 75.2    | -8.3         | 75.7         |
| N-,Ma  | 18.0              | 0.0     | 0.0          | 0            |
| W-,Ma  | 95.4              | 0.0     | 0.0          | 0            |
| R-,CIE | 39.9              | 58.7    | 27.9         | 65.0         |
| Y-,CIE | 81.2              | -2.8    | 71.5         | 71.6         |
| G-,CIE | 52.2              | -42.4   | 13.6         | 44.5         |
| B-,CIE | 30.5              | 1.4     | -46.4        | 46.4         |

Los datos de color máximo (Ma):

$LabCh^*_- ,Ma$ : 55 -65 33 73 152

$HIC^*_- ,Ma$ : G00B\_100\_100-

$rgbic^*_- ,Ma$ :

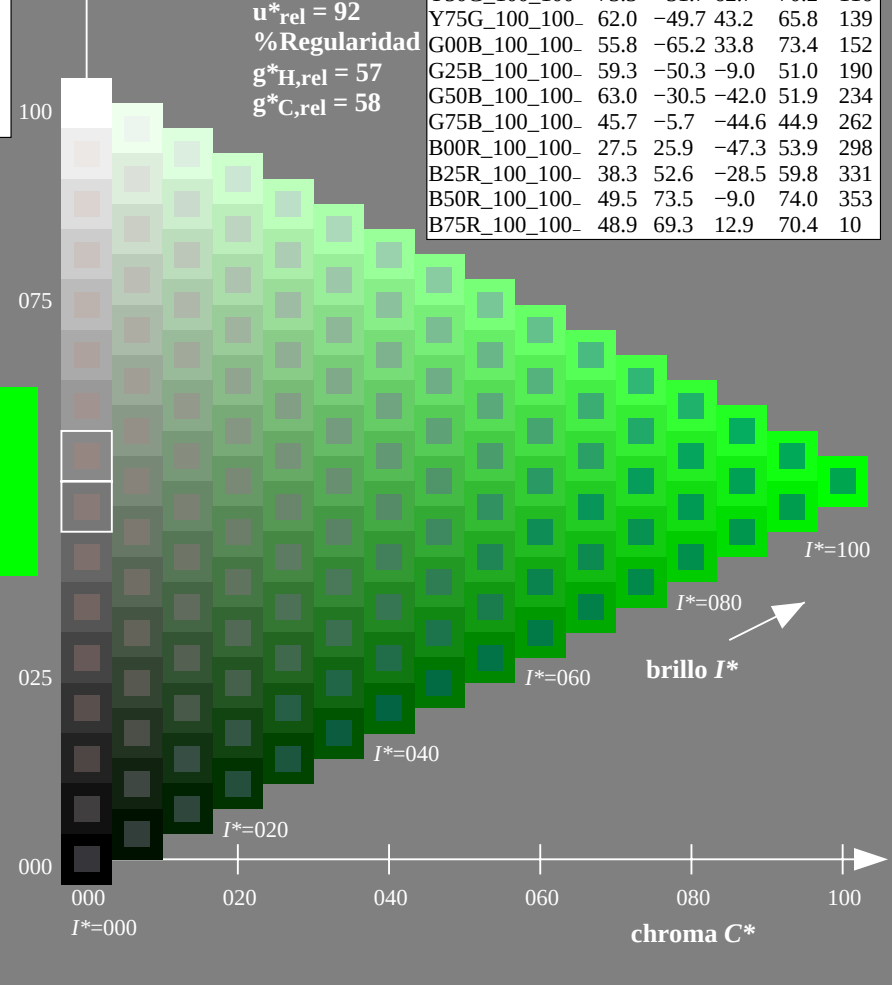
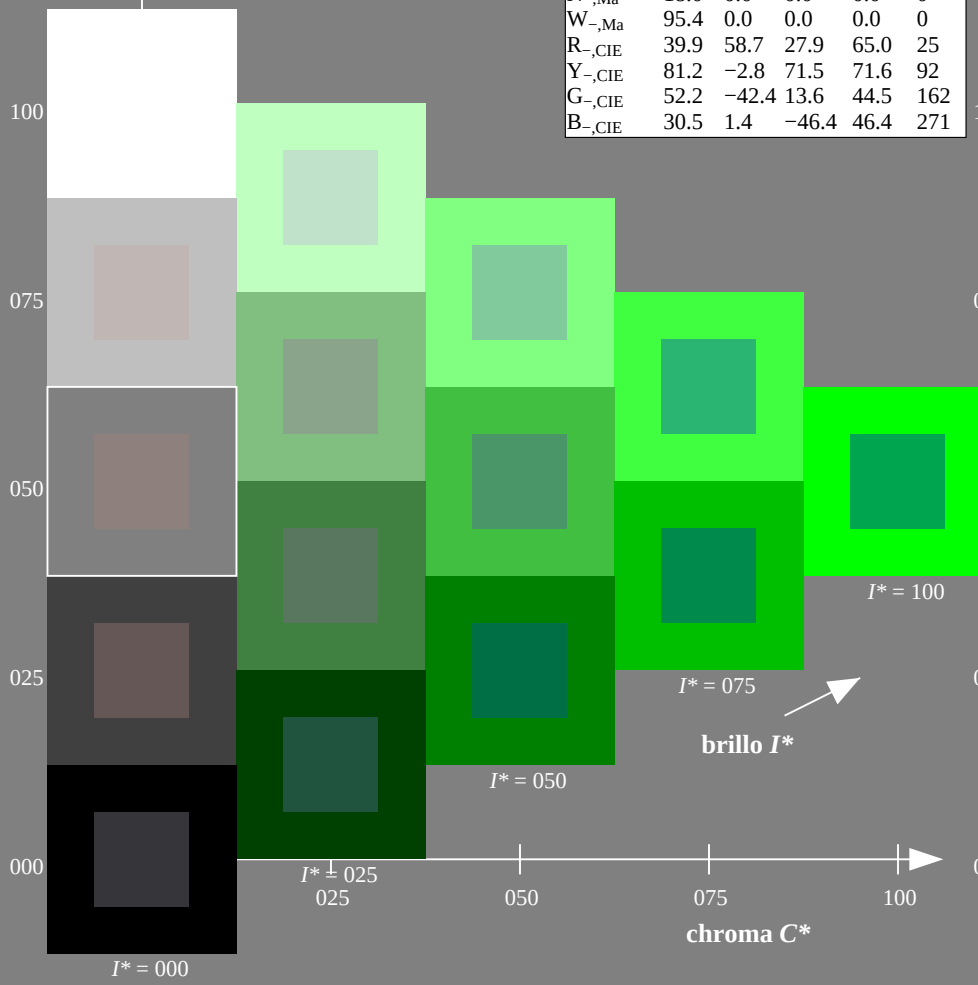
0.0 1.0 0.0 1.0 1.0

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         |



Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 162/360 = 0.45$

$H^*_e = G00B_e$

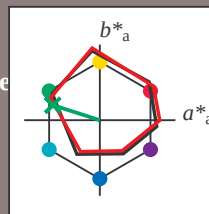
Datos del dispositivo (d) o elemental (e) color:

$HIC^*_e$

código de tono para los colores  
esta página:

$H^*_e = G00B_e$

triángulo claridad  $T^*$



| ORS20a; datos adaptados CIELAB (a) |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| name                               | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R <sub>e</sub> ,Ma                 | 45.6        | 72.2    | 34.4    | 80.0         | 25           |
| Y <sub>e</sub> ,Ma                 | 83.6        | -3.6    | 90.4    | 90.4         | 92           |
| G <sub>e</sub> ,Ma                 | 50.6        | -62.1   | 19.9    | 65.2         | 162          |
| C <sub>e</sub> ,Ma                 | 55.0        | -36.2   | -27.2   | 45.3         | 216          |
| B <sub>e</sub> ,Ma                 | 40.2        | 1.2     | -40.6   | 40.6         | 271          |
| M <sub>e</sub> ,Ma                 | 31.1        | 47.7    | -29.1   | 55.9         | 328          |
| N <sub>e</sub> ,Ma                 | 24.3        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>e</sub> ,Ma                 | 95.6        | 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):

$LabCh^*_e, Ma$ : 50 -62 19 65 162

$HIC^*_e, Ma$ : G00B\_100\_100<sub>e</sub>

$rgbic^*_e, Ma$ :

0.0 1.0 0.15 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 <sub>e</sub>          | 45.6        | 72.2    | 34.4    | 80.0         | 25           |
| R25Y_100_100 <sub>e</sub>          | 50.5        | 59.2    | 51.6    | 78.6         | 41           |
| R50Y_100_100 <sub>e</sub>          | 60.2        | 38.2    | 63.4    | 74.1         | 58           |
| R75Y_100_100 <sub>e</sub>          | 70.9        | 17.9    | 75.9    | 77.9         | 76           |
| Y00G_100_100 <sub>e</sub>          | 83.6        | -3.6    | 90.4    | 90.4         | 92           |
| Y25G_100_100 <sub>e</sub>          | 74.5        | -25.0   | 74.3    | 78.4         | 108          |
| Y50G_100_100 <sub>e</sub>          | 62.6        | -40.9   | 53.8    | 67.6         | 127          |
| Y75G_100_100 <sub>e</sub>          | 54.1        | -55.5   | 37.5    | 67.0         | 145          |
| G00B_100_100 <sub>e</sub>          | 50.6        | -62.1   | 19.9    | 65.2         | 162          |
| G25B_100_100 <sub>e</sub>          | 53.0        | -48.6   | -8.2    | 49.2         | 189          |
| G50B_100_100 <sub>e</sub>          | 55.0        | -36.2   | -27.2   | 45.3         | 216          |
| G75B_100_100 <sub>e</sub>          | 53.3        | -19.8   | -41.3   | 45.9         | 244          |
| B00R_100_100 <sub>e</sub>          | 40.2        | 1.2     | -40.6   | 40.6         | 271          |
| B25R_100_100 <sub>e</sub>          | 28.1        | 23.4    | -40.3   | 46.7         | 300          |
| B50R_100_100 <sub>e</sub>          | 31.1        | 47.7    | -29.1   | 55.9         | 328          |
| B75R_100_100 <sub>e</sub>          | 41.4        | 70.4    | -9.8    | 71.1         | 352          |

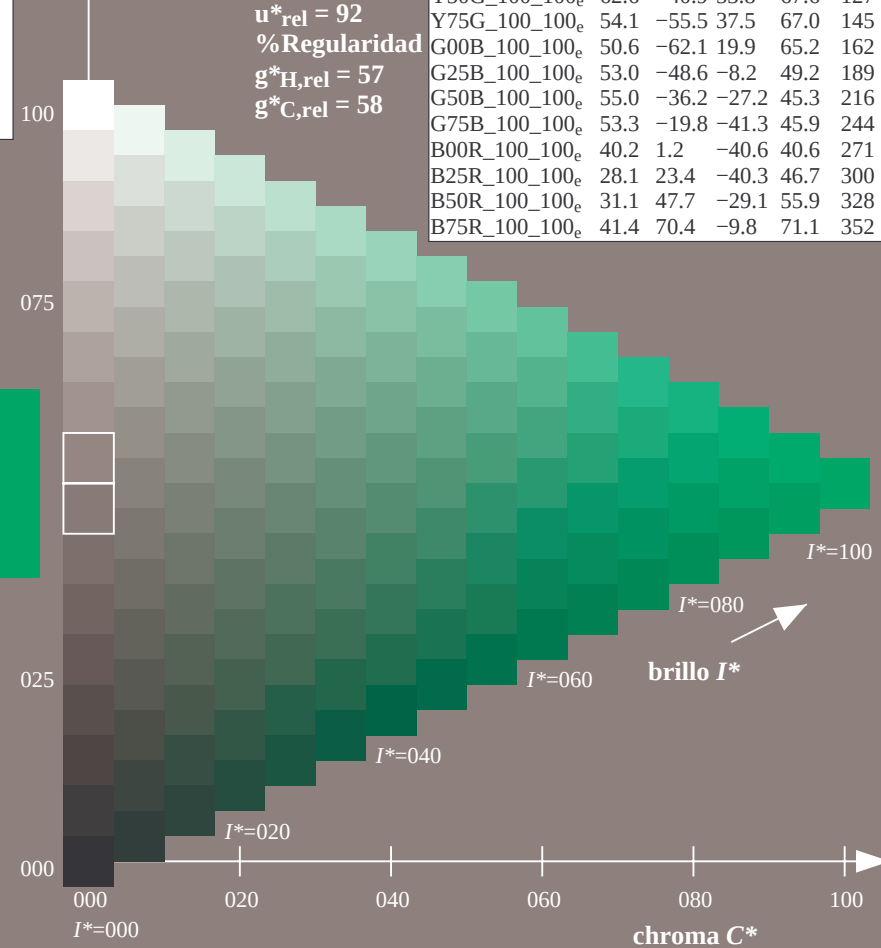
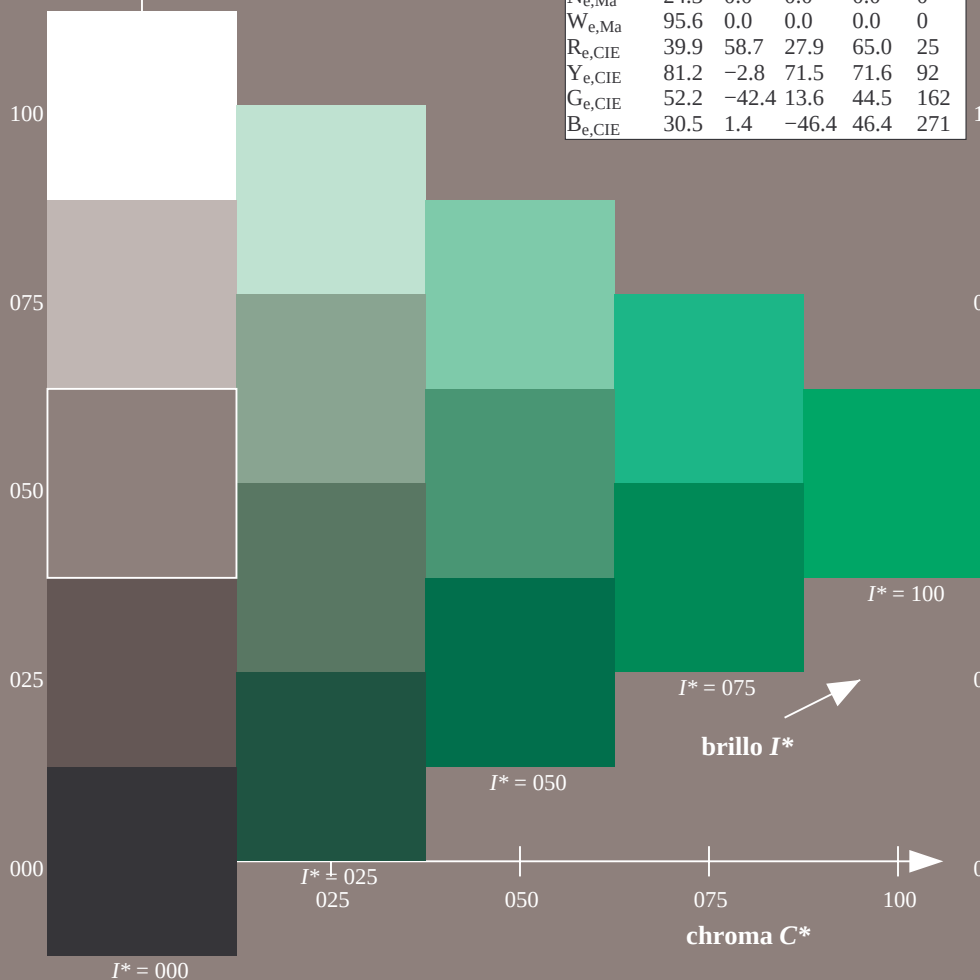


gráfico TUB-QS76; código de tono:  $H^*_e=G00B_e$   
gráfico según a DIN 33872, 3D=0, de=1,  $cmY0$

entrada:  $rgb/cmyk \rightarrow rgb_e$   
salida: transfiera a  $cmY0_e$

TUB matrícula: 20130201-QS76/QS76L0NA.TXT / .PS  
aplicación para la medida salida en la impresión offset, separación  $cmY0$  (CMY0)

TUB material: code=rha4ta