

http://130.149.60.45/~farbmetrik/PS93/PS93L0FA.TXT /.PS; comience salida  
F: 3D-linealización PS93/PS93LS30FA.DAT en archivo (F), página 1/2

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 31/360 = 0.08$

$H^*_- = R00Y_-$

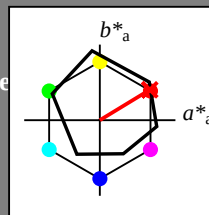
Datos del dispositivo (d) o elemental (e) color:

$HIC^*_-$

código de tono para les colore  
esta página:

$H^*_- = R00Y_-$

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):

$LabCh^*_{-,Ma}$ : 48 66 40 77 31

$HIC^*_{-,Ma}$ : R00Y\_100\_100\_

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

1.0 0.0 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  |

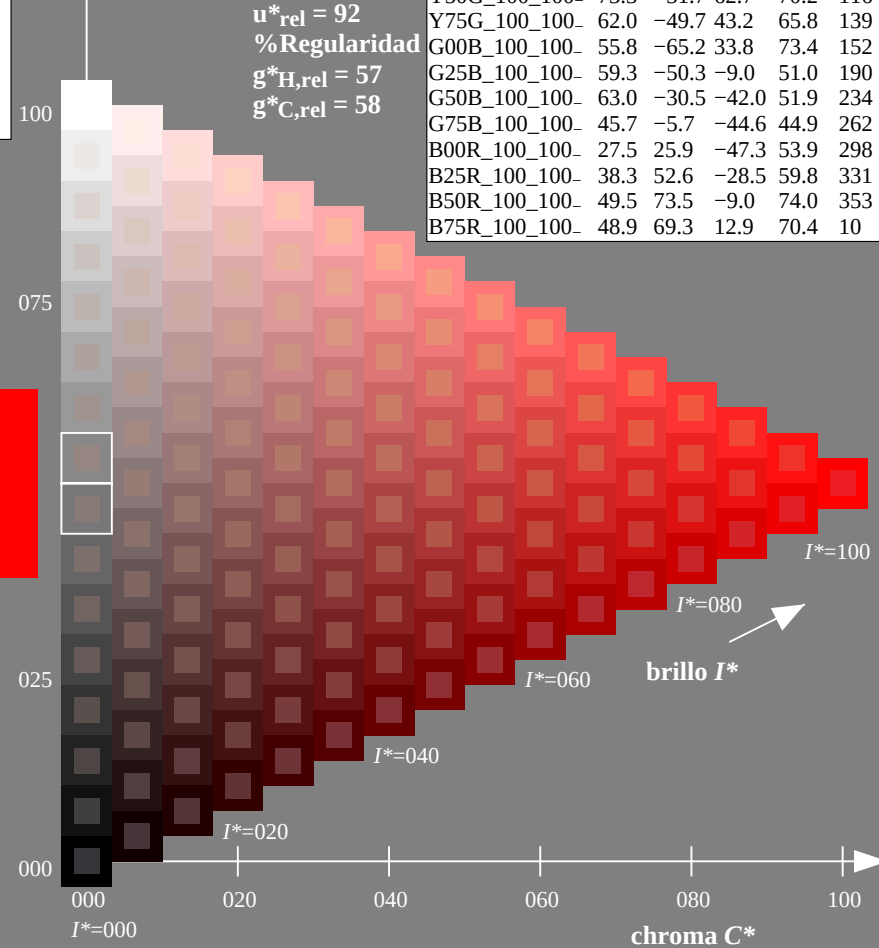
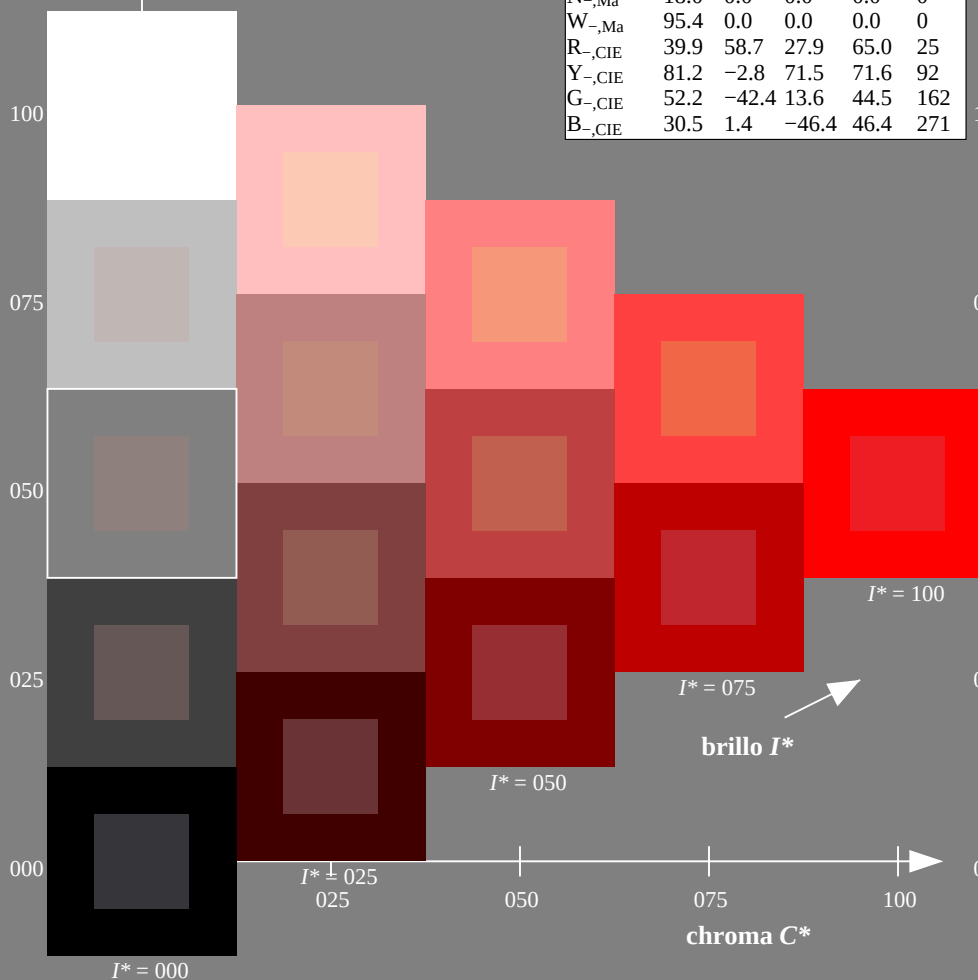


gráfico TUB-PS93; código de tono:  $H^*_- = R00Y_-$   
gráfico según a DIN 33872, 3D=1, de=0,  $cm\dot{y}k^*$

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

TUB matrícula: 20130201-PS93/PS93L0FA.TXT /.PS  
aplicación para la medida salida en la impresión offset

TUB material: code=rha4ta

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 32/360 = 0.09$

$H^*_d = R00Y_d$

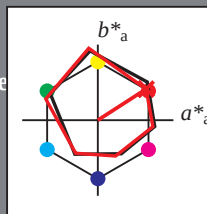
Datos del dispositivo (d) o elemental (e) color:

$HIC^*_d$

código de tono para les colore  
esta página:

$H^*_d = R00Y_d$

triángulo claridad  $T^*$



| ORS20a; datos adaptados CIELAB (a) |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| name                               | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $R_d, Ma$                          | 47.3        | 63.8    | 41.2    | 76.0         | 32           |
| $Y_d, Ma$                          | 88.3        | -11.9   | 95.1    | 95.8         | 97           |
| $G_d, Ma$                          | 51.9        | -68.8   | 28.1    | 74.3         | 157          |
| $C_d, Ma$                          | 58.3        | -29.2   | -43.7   | 52.6         | 236          |
| $B_d, Ma$                          | 25.3        | 23.5    | -47.3   | 52.8         | 296          |
| $M_d, Ma$                          | 48.2        | 72.8    | -8.5    | 73.3         | 353          |
| $N_d, Ma$                          | 17.7        | 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):

$LabCh^*_d, Ma$ : 47 63 41 76 32

$HIC^*_d, Ma$ : R00Y\_100\_100d

$rgbic^*_d, Ma$ :

1.0 0.0 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) |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $H^*_d$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R00Y_100_100d                      | 47.3        | 63.8    | 41.2    | 76.0         | 32           |
| R25Y_100_100d                      | 55.3        | 45.8    | 52.2    | 69.5         | 48           |
| R50Y_100_100d                      | 67.2        | 22.6    | 67.6    | 71.2         | 71           |
| R75Y_100_100d                      | 79.9        | 1.0     | 83.9    | 83.9         | 89           |
| Y00G_100_100d                      | 88.3        | -11.9   | 95.1    | 95.8         | 97           |
| Y25G_100_100d                      | 83.3        | -19.2   | 83.7    | 85.9         | 102          |
| Y50G_100_100d                      | 72.7        | -31.3   | 66.0    | 73.1         | 115          |
| Y75G_100_100d                      | 60.4        | -48.8   | 46.7    | 67.6         | 136          |
| G00B_100_100d                      | 51.9        | -68.8   | 28.1    | 74.3         | 157          |
| G25B_100_100d                      | 54.8        | -51.0   | -12.3   | 52.5         | 193          |
| G50B_100_100d                      | 58.3        | -29.2   | -43.7   | 52.6         | 236          |
| G75B_100_100d                      | 42.7        | -6.0    | -45.0   | 45.4         | 262          |
| B00R_100_100d                      | 25.3        | 23.5    | -47.3   | 52.8         | 296          |
| B25R_100_100d                      | 37.8        | 53.8    | -26.3   | 59.9         | 333          |
| B50R_100_100d                      | 48.2        | 72.8    | -8.5    | 73.3         | 353          |
| B75R_100_100d                      | 47.7        | 67.7    | 14.0    | 69.1         | 11           |

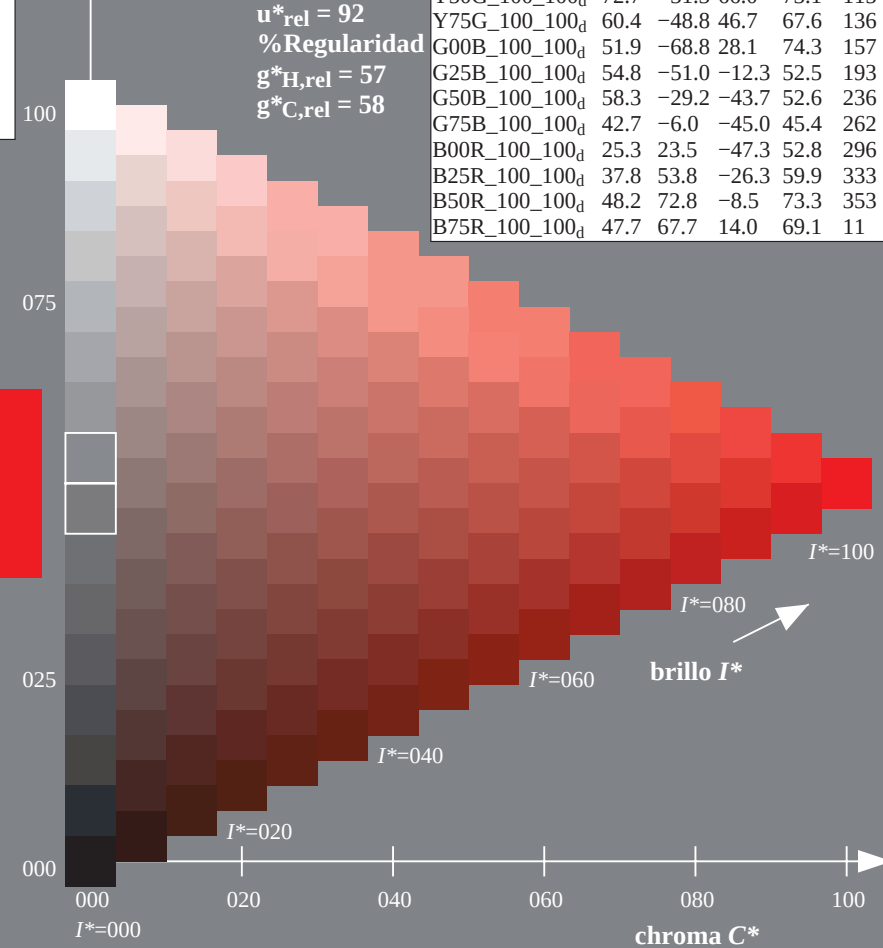
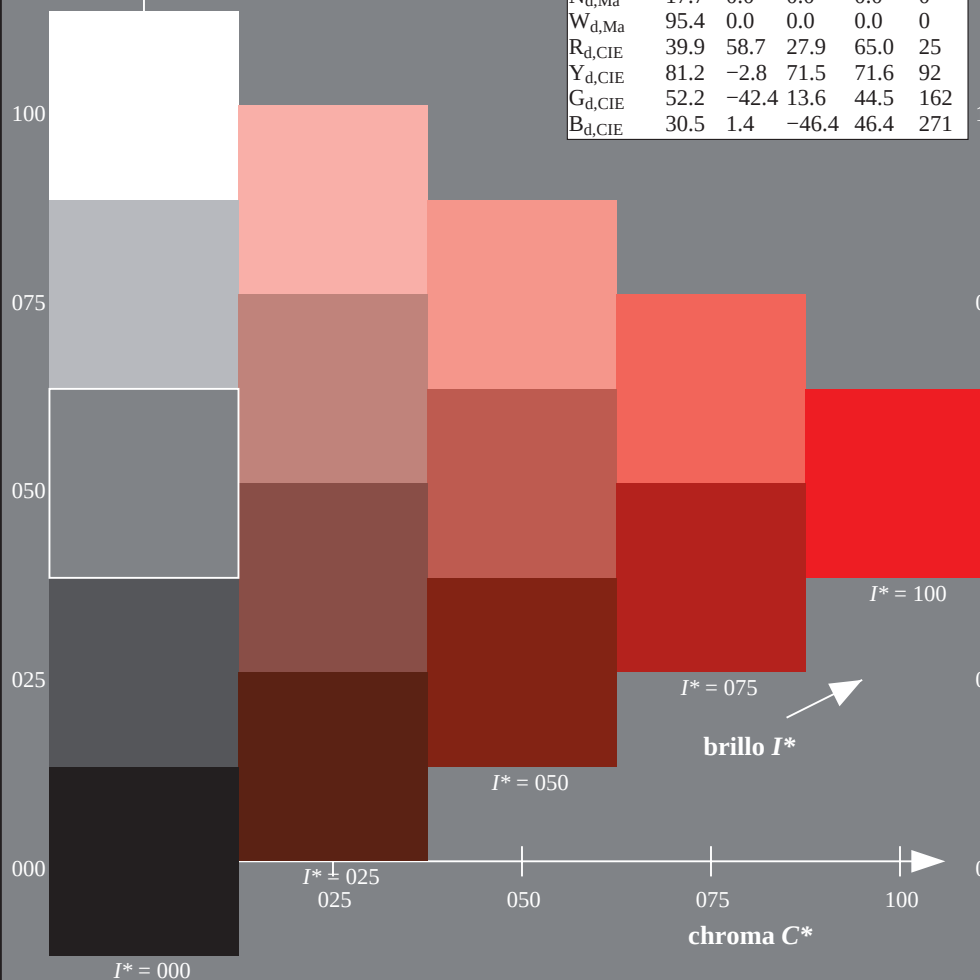


gráfico TUB-PS93; código de tono:  $H^*_d=R00Y_d$   
gráfico según a DIN 33872, 3D=1, de=0,  $cmk^*$

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$

salida: 3D-linealización a  $cmk^*_{dd}$

<http://130.149.60.45/~farbmetrik/PS93/PS93L0FA.TXT> /PS; comience salida  
F: 3D-linealización PS93/PS93LS30FA.DAT en archivo (F), página 1/2

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 31/360 = 0.08$

$H^*_- = R00Y_-$

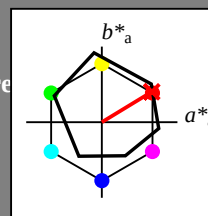
Datos del dispositivo (d) o elemental (e) color:

$HIC^*_-$

código de tono para les colore  
esta página:

$H^*_- = R00Y_-$

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):

$LabCh^*_{-,Ma}$ : 48 66 40 77 31

$HIC^*_{-,Ma}$ : R00Y\_100\_100\_

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

1.0 0.0 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  |

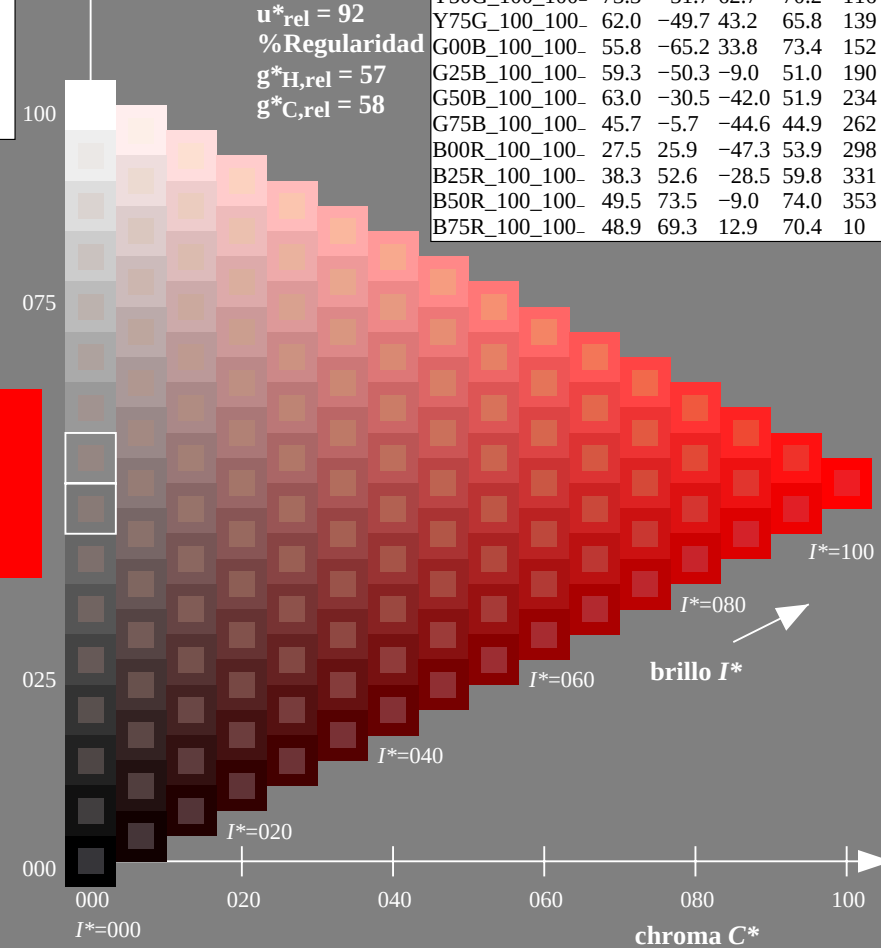
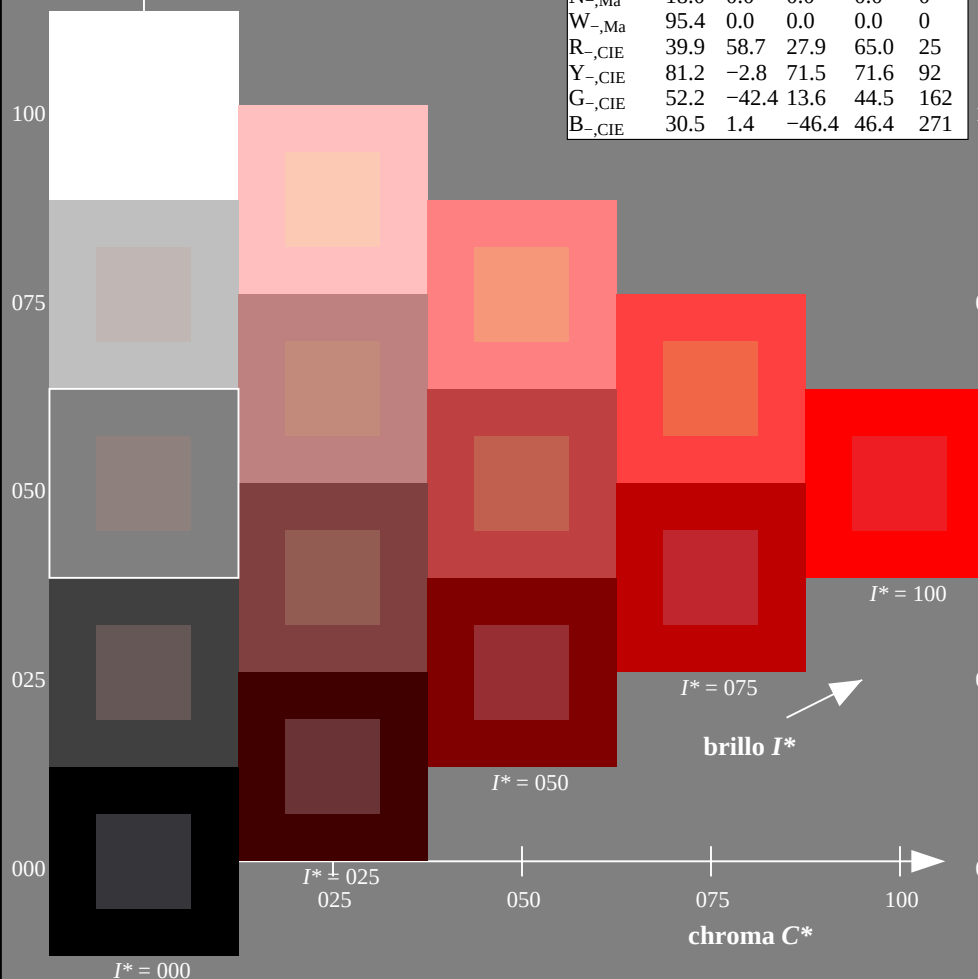


gráfico TUB-PS93; código de tono:  $H^*_- = R00Y_-$   
gráfico según a DIN 33872, 3D=1, de=1,  $cmk^*$

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

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 25/360 = 0.07$

$$H^*_e = R00Y_e$$

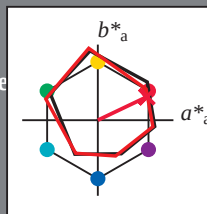
Datos del dispositivo (d) o elemental (e) color:

$$HIC^*_e$$

código de tono para los colores de esta página:

$$H^*_e = R00Y_e$$

triángulo claridad  $T^*$



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

| name        | $L^*=L^*_a a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-------------|-------------------|---------|--------------|--------------|
| $R_{e,Ma}$  | 47.6              | 64.9    | 30.9         | 71.9         |
| $Y_{e,Ma}$  | 82.9              | -3.5    | 87.8         | 87.9         |
| $G_{e,Ma}$  | 52.4              | -67.1   | 21.5         | 70.5         |
| $C_{e,Ma}$  | 56.6              | -39.7   | -29.9        | 49.8         |
| $B_{e,Ma}$  | 37.9              | 1.3     | -45.4        | 45.4         |
| $M_{e,Ma}$  | 34.8              | 49.2    | -30.0        | 57.7         |
| $N_{e,Ma}$  | 17.7              | 0.0     | 0.0          | 0.0          |
| $W_{e,Ma}$  | 95.4              | 0.0     | 0.0          | 0.0          |
| $R_{e,CIE}$ | 39.9              | 58.7    | 27.9         | 65.0         |
| $Y_{e,CIE}$ | 81.2              | -2.8    | 71.5         | 71.6         |
| $G_{e,CIE}$ | 52.2              | -42.4   | 13.6         | 44.5         |
| $B_{e,CIE}$ | 30.5              | 1.4     | -46.4        | 46.4         |

Los datos de color máximo (Ma):

$LabCh^*_{e,Ma}$ : 47 64 30 71 25

$HIC^*_{e,Ma}$ : R00Y\_100\_100\_e

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

1.0 0.0 0.2 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 | 47.6              | 64.9    | 30.9         | 71.9         |
| R25Y_100_100_e | 51.5              | 54.2    | 47.2         | 71.9         |
| R50Y_100_100_e | 60.3              | 35.6    | 59.0         | 68.9         |
| R75Y_100_100_e | 70.4              | 17.0    | 72.2         | 74.1         |
| Y00G_100_100_e | 82.9              | -3.5    | 87.8         | 87.9         |
| Y25G_100_100_e | 76.9              | -25.5   | 75.9         | 80.1         |
| Y50G_100_100_e | 65.8              | -41.4   | 54.4         | 68.3         |
| Y75G_100_100_e | 56.9              | -56.3   | 38.1         | 68.0         |
| G00B_100_100_e | 52.4              | -67.1   | 21.5         | 70.5         |
| G25B_100_100_e | 54.6              | -53.2   | -9.0         | 53.9         |
| G50B_100_100_e | 56.6              | -39.7   | -29.9        | 49.8         |
| G75B_100_100_e | 52.7              | -21.1   | -44.1        | 48.9         |
| B00R_100_100_e | 37.9              | 1.3     | -45.4        | 45.4         |
| B25R_100_100_e | 26.7              | 26.6    | -45.8        | 52.9         |
| B50R_100_100_e | 34.8              | 49.2    | -30.0        | 57.7         |
| B75R_100_100_e | 47.3              | 71.5    | -9.9         | 72.1         |

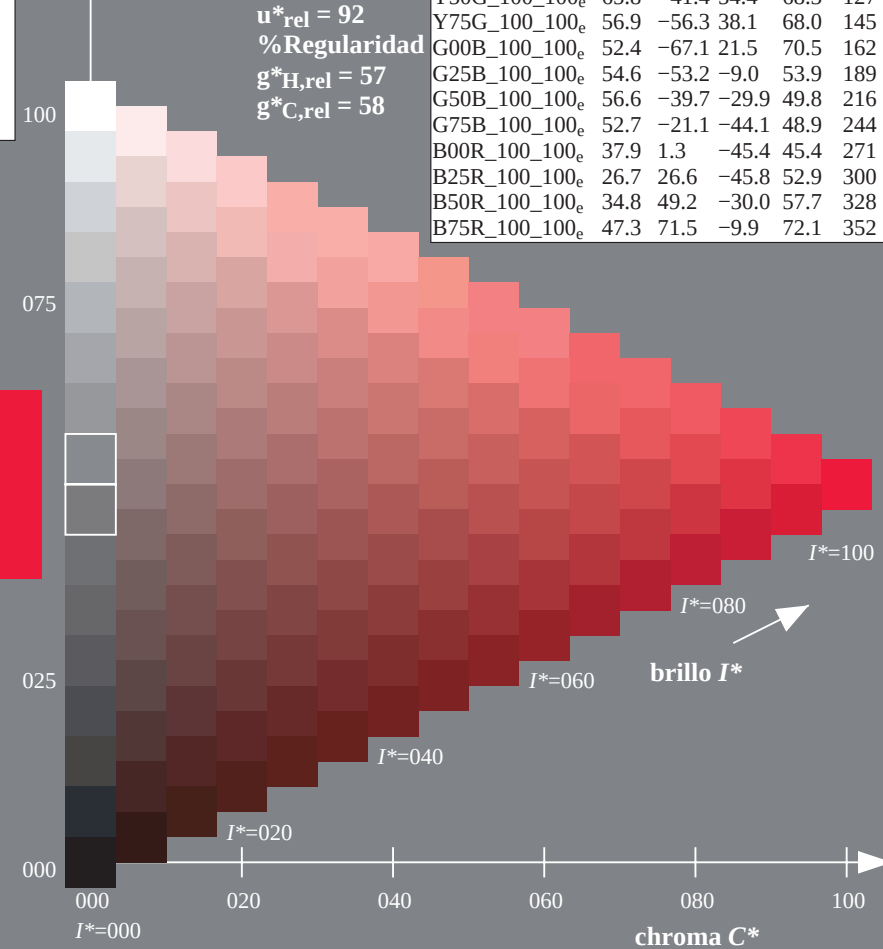
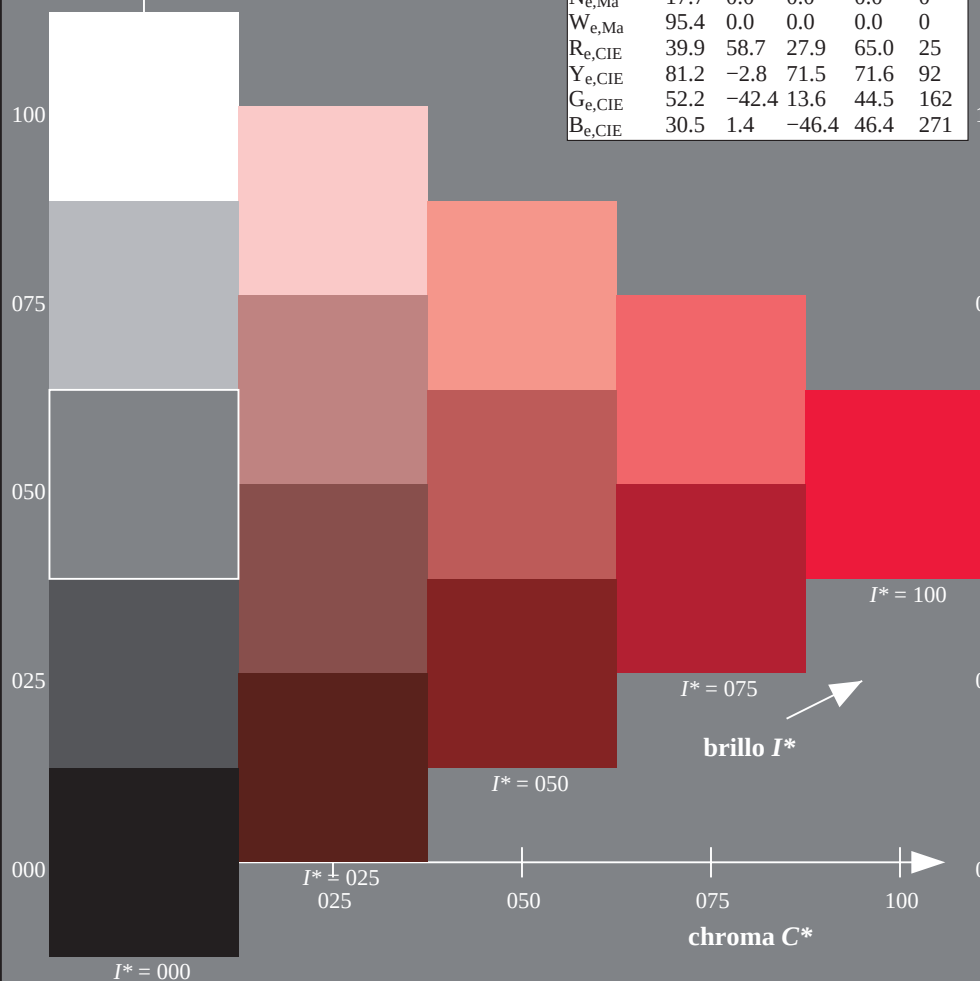


gráfico TUB-PS93; código de tono:  $H^*_e=R00Y_e$   
gráfico según a DIN 33872, 3D=1, de=1,  $cmyk^*$

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