

Immettere y uscita: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 31/360 = 0.08$

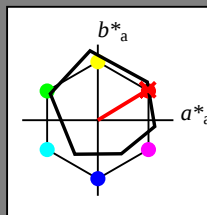
Dati del dispositivo (d) o colori elementari (e):

$HIC^*_-$

codice di tonalità per i colori questa pagina:

$H^*_- = R00Y_-$

triangolo chiarezza  $T^*$



ORS18a; dati atti 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          |

Il dati per il massimo colore (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

triangolo chiarezza  $T^*$

%Gamma

$u^*_{rel} = 92$

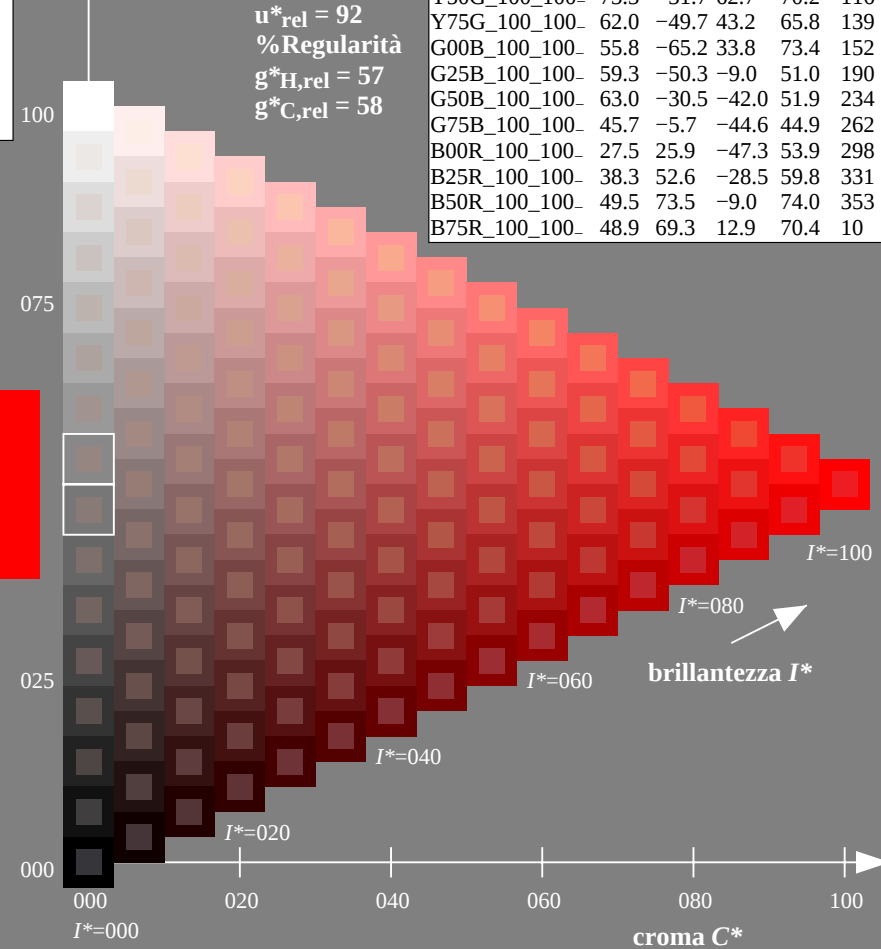
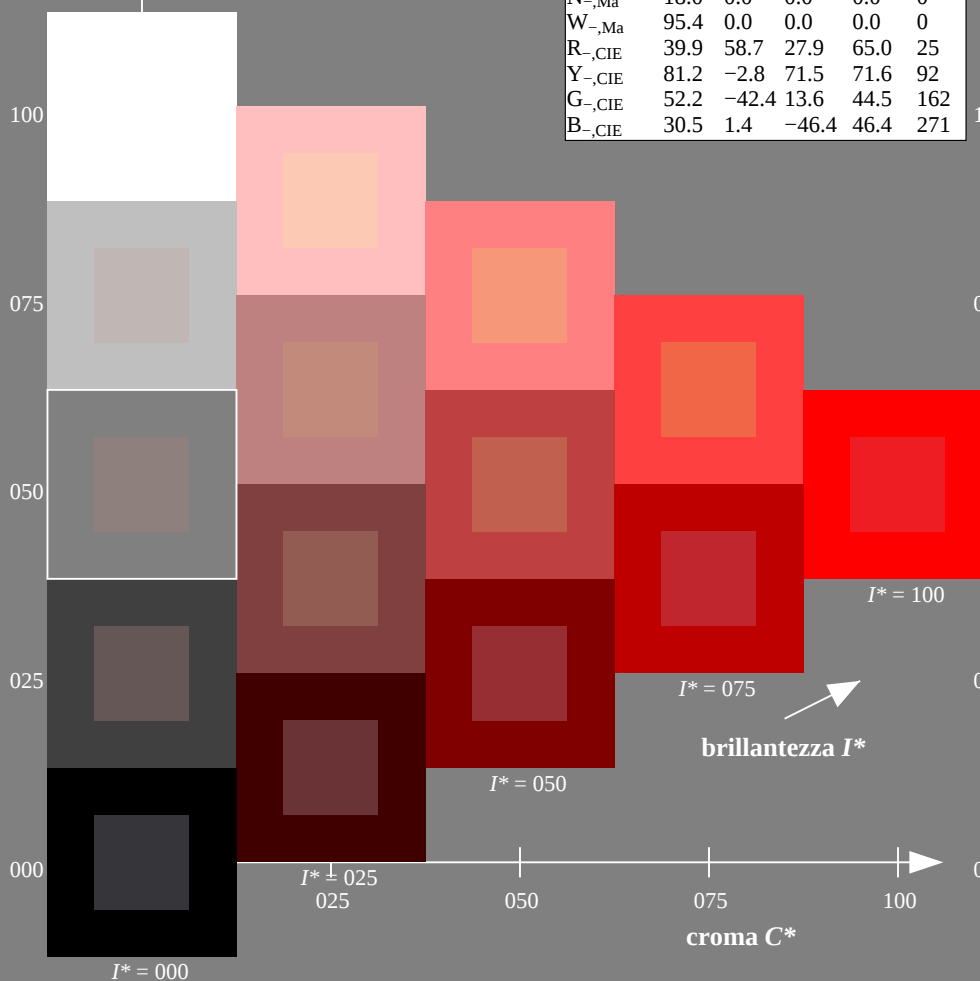
%Regularità

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

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

ORS20a; dati atti 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           |



vedi file simili: <http://farbe.li.tu-berlin.de/PI90/PI90.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

iscrizione TUB: 20160501-PI90/PI90L0NP.PDF /PS  
Applicazione per la misura dell'output su display, nessuna separazione

TUB materiale: code=rh4ta

Immettere y uscita: Television Luminous System TLS00a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 40/360 = 0.11$

$H^*_d = R00Y_d$

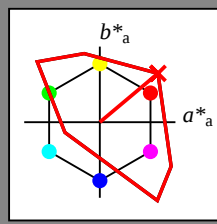
Dati del dispositivo (d) o colori elementari (e):

$HIC^*_d$

codice di tonalità per i colori questa pagina:

$H^*_d = R00Y_d$

triangolo chiarezza  $T^*$



**TLS00a; dati atti CIELAB (a)**

| name               | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------------------|-------------|---------|---------|--------------|--------------|
| R <sub>d,Ma</sub>  | 50.4        | 76.9    | 64.5    | 100.4        | 40           |
| Y <sub>d,Ma</sub>  | 92.6        | -20.7   | 90.7    | 93.0         | 102          |
| G <sub>d,Ma</sub>  | 83.6        | -82.7   | 79.8    | 115.0        | 136          |
| C <sub>d,Ma</sub>  | 86.8        | -46.1   | -13.5   | 48.1         | 196          |
| B <sub>d,Ma</sub>  | 30.3        | 76.0    | -103.5  | 128.5        | 306          |
| M <sub>d,Ma</sub>  | 57.2        | 94.3    | -58.4   | 110.9        | 328          |
| N <sub>d,Ma</sub>  | 0.0         | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>d,Ma</sub>  | 95.4        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>d,CIE</sub> | 39.9        | 58.7    | 27.9    | 65.0         | 25           |
| Y <sub>d,CIE</sub> | 81.2        | -2.8    | 71.5    | 71.6         | 92           |
| G <sub>d,CIE</sub> | 52.2        | -42.4   | 13.6    | 44.5         | 162          |
| B <sub>d,CIE</sub> | 30.5        | 1.4     | -46.4   | 46.4         | 271          |

Il dati per il massimo colore (Ma):

$LabCh^*_d, Ma$ : 50 76 64 100 40

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

$rgbic^*_d, Ma$ :

1.0 0.0 0.0 1.0 1.0

triangolo chiarezza  $T^*$

%Gamma  
 $u^*_{rel} = 158$   
%Regularità  
 $g^*_{H,rel} = 19$   
 $g^*_{C,rel} = 37$

**TLS00a; dati atti CIELAB (a)**

| $H^*_d$       | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---------------|-------------|---------|---------|--------------|--------------|
| R00Y_100_100d | 50.4        | 76.9    | 64.5    | 100.4        | 40           |
| R25Y_100_100d | 53.7        | 67.6    | 65.8    | 94.4         | 44           |
| R50Y_100_100d | 63.6        | 41.3    | 71.0    | 82.2         | 59           |
| R75Y_100_100d | 78.2        | 7.8     | 80.6    | 81.0         | 84           |
| Y00G_100_100d | 92.6        | -20.7   | 90.7    | 93.0         | 102          |
| Y25G_100_100d | 88.7        | -43.3   | 86.2    | 96.5         | 116          |
| Y50G_100_100d | 85.7        | -65.2   | 82.4    | 105.1        | 128          |
| Y75G_100_100d | 84.0        | -78.7   | 80.4    | 112.5        | 134          |
| G00B_100_100d | 83.6        | -82.7   | 79.8    | 115.0        | 136          |
| G25B_100_100d | 84.3        | -73.7   | 44.9    | 86.4         | 148          |
| G50B_100_100d | 86.8        | -46.1   | -13.5   | 48.1         | 196          |
| G75B_100_100d | 51.7        | 18.3    | -68.3   | 70.7         | 285          |
| B00R_100_100d | 30.3        | 76.0    | -103.5  | 128.5        | 306          |
| B25R_100_100d | 38.5        | 79.8    | -89.7   | 120.0        | 311          |
| B50R_100_100d | 57.2        | 94.3    | -58.4   | 110.9        | 328          |
| B75R_100_100d | 52.0        | 81.1    | 4.1     | 81.2         | 2            |

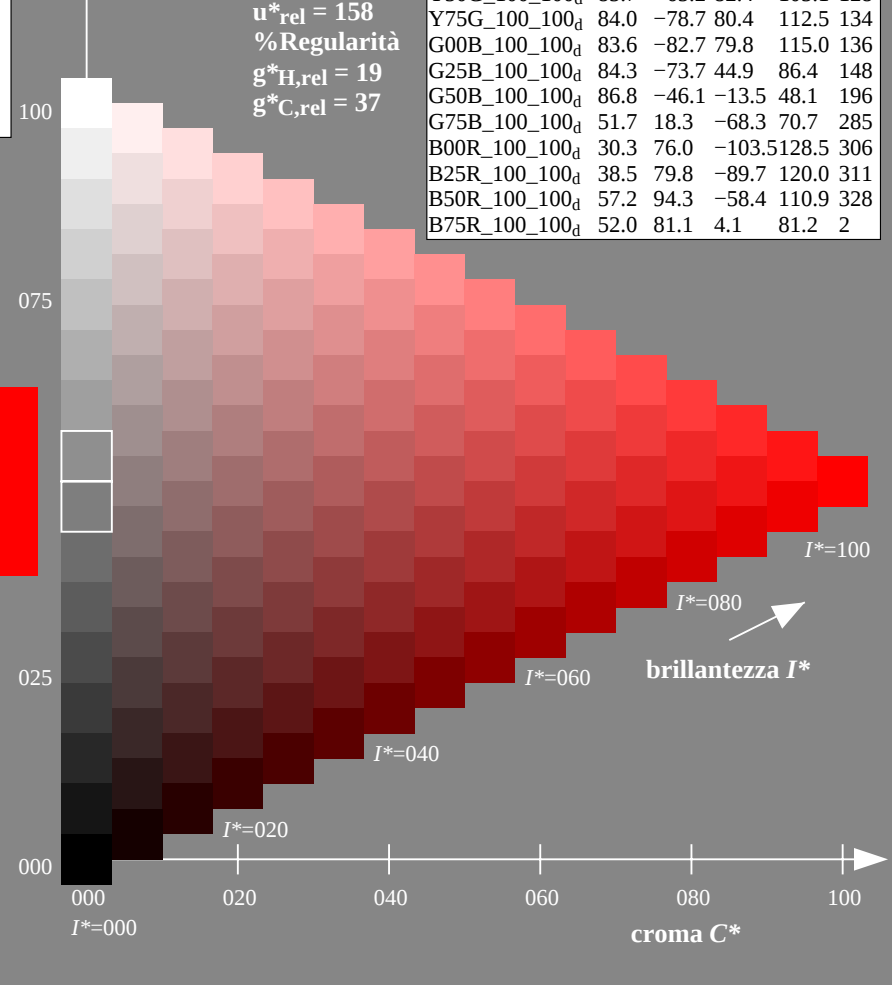
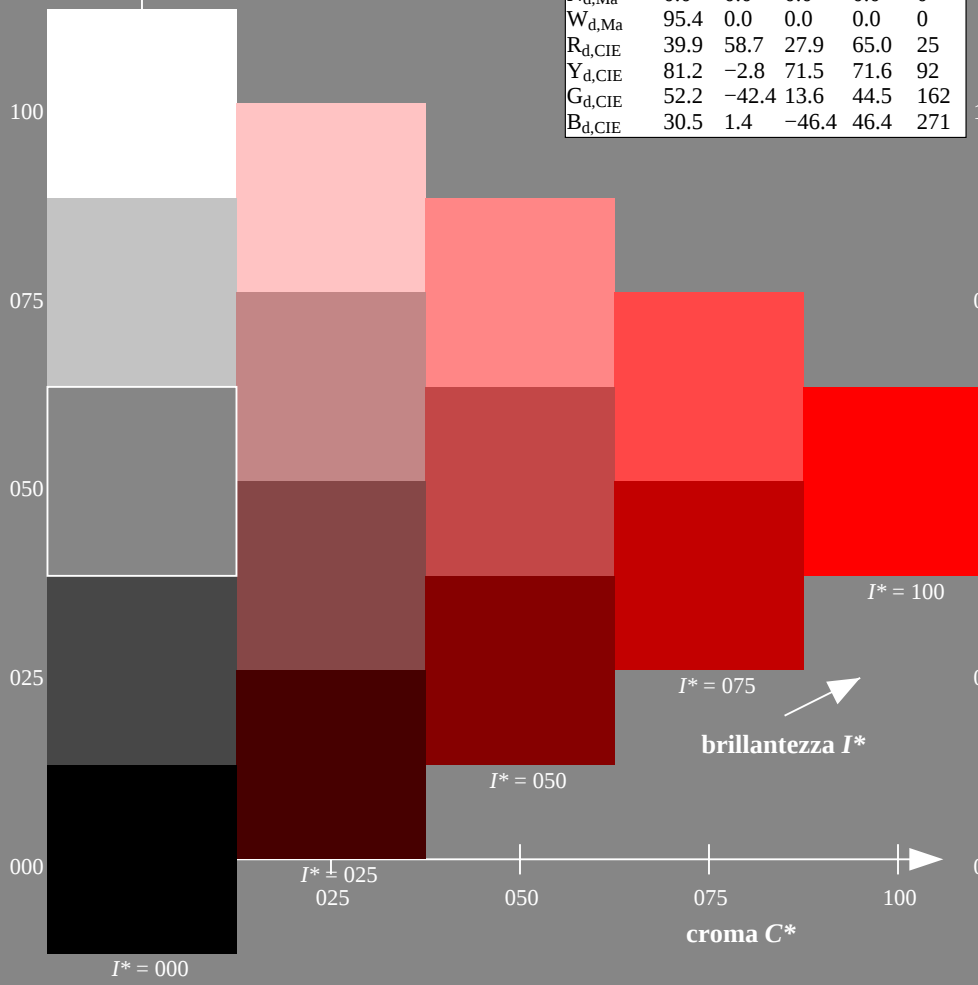


grafico TUB-PI90; codice di tinte:  $H^*_d=R00Y_d$   
grafico conformemente a DIN 33872, 3D=0, de=0, sRGB

Input:  $rgb/cmyk \rightarrow rgb_d$   
Output: trasferire a  $rgb_d$



vedi file simili: <http://farbe.li.tu-berlin.de/PI90/PI90.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

iscrizione TUB: 20160501-PI90/PI90L0NP.PDF / .PS  
Applicazione per la misura dell'output su display

TUB materiale: code=rha4ta

Immettere y uscita: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 31/360 = 0.08$

$H^*_{-} = R00Y_{-}$

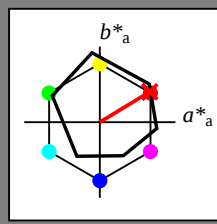
Dati del dispositivo (d) o colori elementari (e):

$HIC^*_{-}$

codice di tonalità per i colori questa pagina:

$H^*_{-} = R00Y_{-}$

triangolo chiarezza  $T^*$



**ORS18a; dati atti 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         |

Il dati per il massimo colore (Ma):

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

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

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

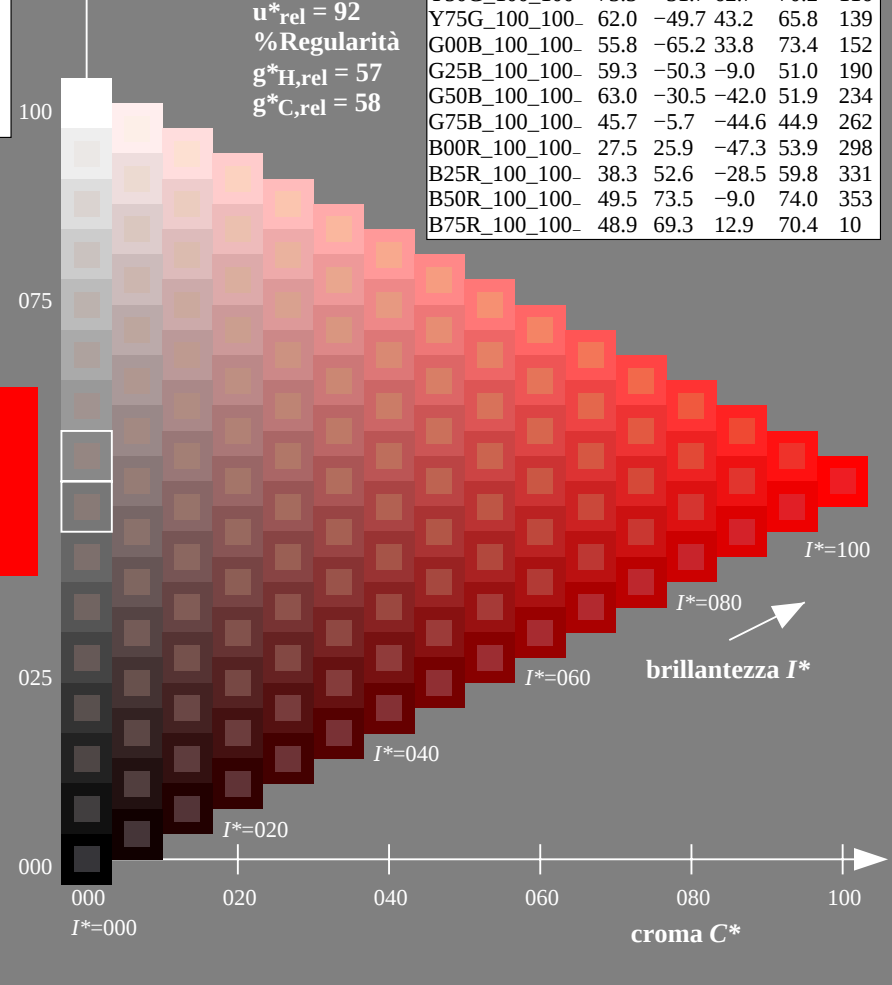
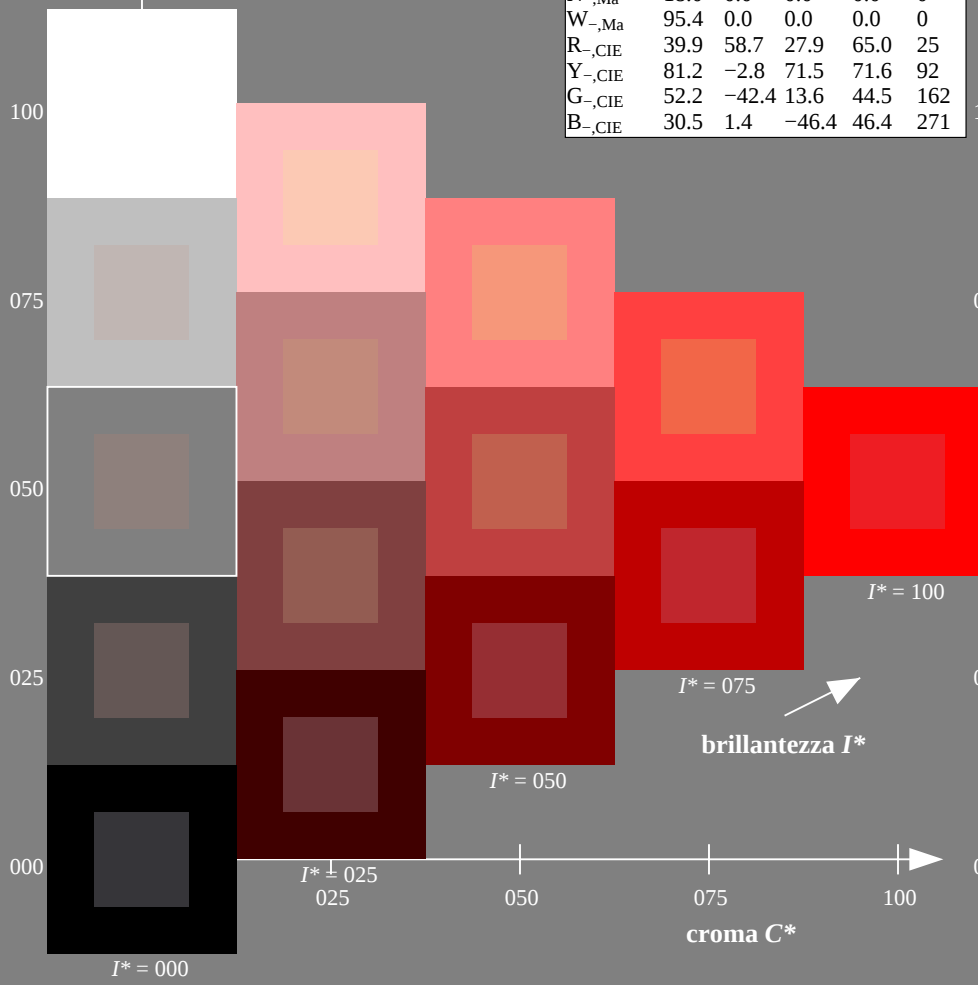
1.0 0.0 0.0 1.0 1.0

triangolo chiarezza  $T^*$

%Gamma  
 $u^*_{rel} = 92$   
%Regularità  
 $g^*_{H,rel} = 57$   
 $g^*_{C,rel} = 58$

**ORS20a; dati atti 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         |



Immettere y uscita: Television Luminous System TLS00a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 25/360 = 0.07$

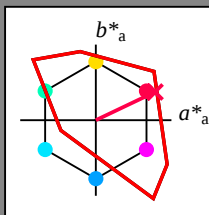
Dati del dispositivo (d) o colori elementari (e):

$HIC^*_e$

codice di tonalità per i colori questa pagina:

$H^*_e = R00Y_e$

triangolo chiarezza  $T^*$



TLS00a; dati atti CIELAB (a)

| name        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-------------|-------------|---------|---------|--------------|--------------|
| $R_{e,Ma}$  | 50.9        | 78.3    | 37.3    | 86.7         | 25           |
| $Y_{e,Ma}$  | 83.7        | -3.4    | 84.5    | 84.5         | 92           |
| $G_{e,Ma}$  | 85.1        | -64.6   | 20.7    | 67.9         | 162          |
| $C_{e,Ma}$  | 79.0        | -34.2   | -25.7   | 42.8         | 216          |
| $B_{e,Ma}$  | 59.2        | 1.7     | -56.6   | 56.6         | 271          |
| $M_{e,Ma}$  | 57.1        | 94.1    | -57.4   | 110.3        | 328          |
| $N_{e,Ma}$  | 0.0         | 0.0     | 0.0     | 0.0          | 0            |
| $W_{e,Ma}$  | 95.4        | 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          |

Il dati per il massimo colore (Ma):

$LabCh^*_{e,Ma}$ : 50 78 37 86 25

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

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

1.0 0.0 0.26 1.0 1.0

triangolo chiarezza  $T^*$

%Gamma

$u^*_{rel} = 158$

%Regularità

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

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

TLS00a; dati atti CIELAB (a)

| $H^*_e$        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------|---------|---------|--------------|--------------|
| R00Y_100_100_e | 50.9        | 78.3    | 37.3    | 86.7         | 25           |
| R25Y_100_100_e | 51.3        | 74.4    | 64.8    | 98.7         | 41           |
| R50Y_100_100_e | 63.1        | 42.7    | 70.8    | 82.7         | 58           |
| R75Y_100_100_e | 73.5        | 18.3    | 77.7    | 79.8         | 76           |
| Y00G_100_100_e | 83.7        | -3.4    | 84.5    | 84.5         | 92           |
| Y25G_100_100_e | 91.0        | -29.9   | 88.9    | 93.8         | 108          |
| Y50G_100_100_e | 85.9        | -63.0   | 82.8    | 104.1        | 127          |
| Y75G_100_100_e | 84.1        | -76.0   | 51.4    | 91.8         | 145          |
| G00B_100_100_e | 85.1        | -64.6   | 20.7    | 67.9         | 162          |
| G25B_100_100_e | 86.5        | -49.9   | -8.4    | 50.6         | 189          |
| G50B_100_100_e | 79.0        | -34.2   | -25.7   | 42.8         | 216          |
| G75B_100_100_e | 70.0        | -19.0   | -39.6   | 43.9         | 244          |
| B00R_100_100_e | 59.2        | 1.7     | -56.6   | 56.6         | 271          |
| B25R_100_100_e | 38.2        | 52.7    | -90.7   | 104.9        | 300          |
| B50R_100_100_e | 57.1        | 94.1    | -57.4   | 110.3        | 328          |
| B75R_100_100_e | 52.9        | 83.6    | -11.6   | 84.4         | 352          |

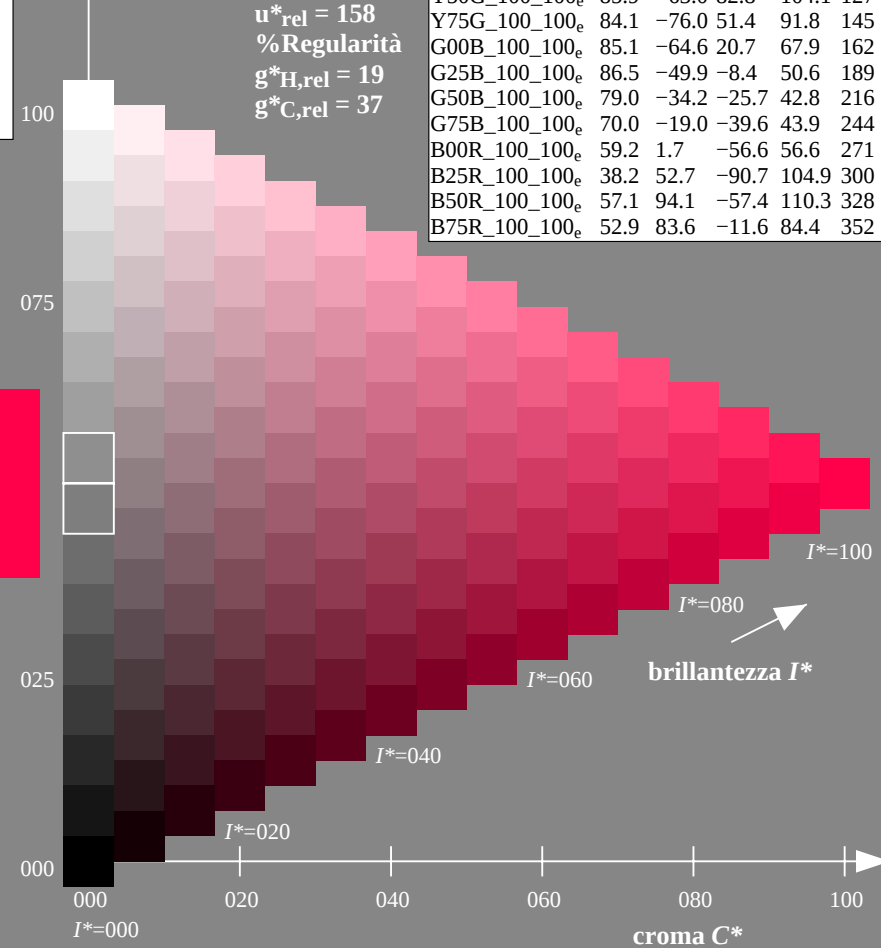
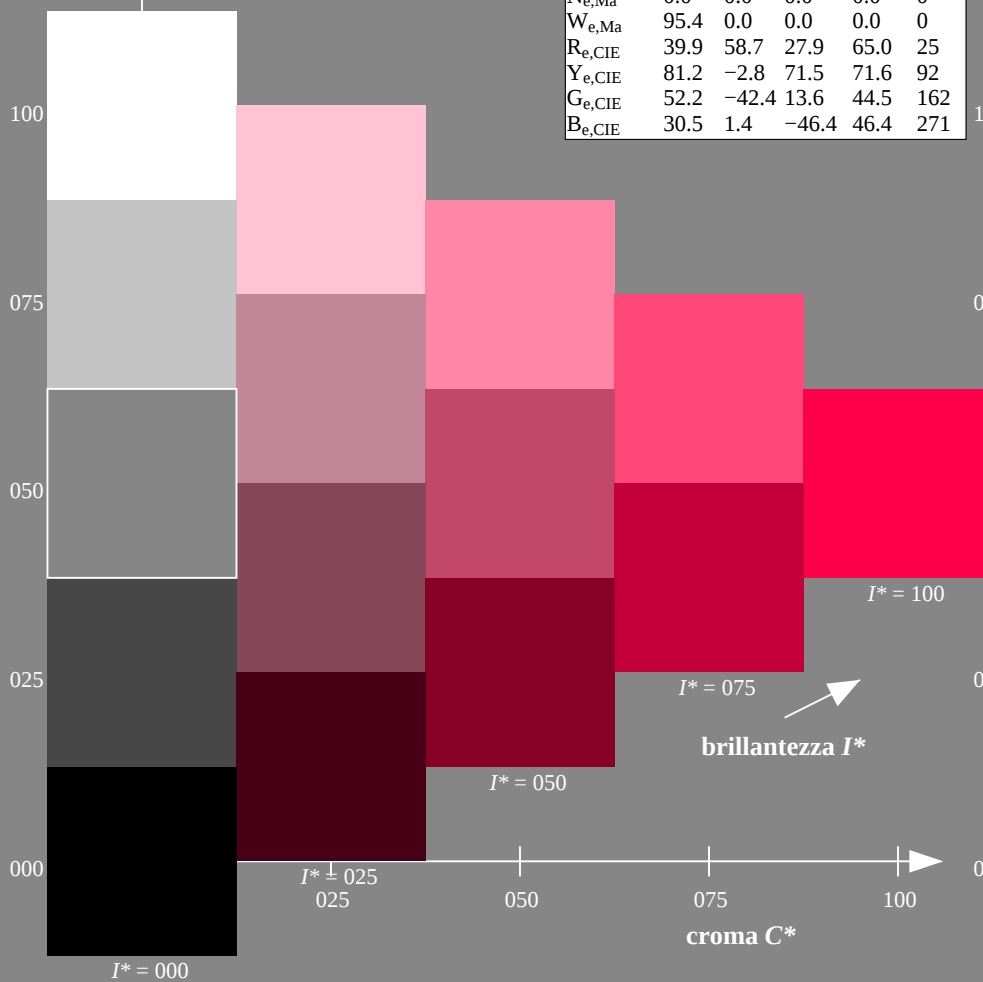


grafico TUB-PI90; codice di tinte:  $H^*_e=R00Y_e$   
grafico conformemente a DIN 33872, 3D=0, de=1, sRGB

Input:  $rgb/cmyk \rightarrow rgb_e$   
Output: trasferire a  $rgb_e$