

vedere dei file simili: <http://130.149.60.45/~farbmetrik/QI03/QI03.HTM>  
informazioni tecniche: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB iscrizione: 20130201-QI03/QI03L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset

TUB materiale: code=rh4ta

Immettere y uscita: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 46/360 = 0.12$

$H^*_- = R25Y_-$

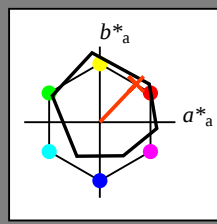
Dati del dispositivo (d) o colori elementari (e):

$HIC^*_-$

codice di tonalità per i colori questa pagina:

$H^*_- = R25Y_-$

triangolo chiarezza  $T^*$



**ORS18a; dati atti CIELAB (a)**

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

Il dati per il massimo colore (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

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         |

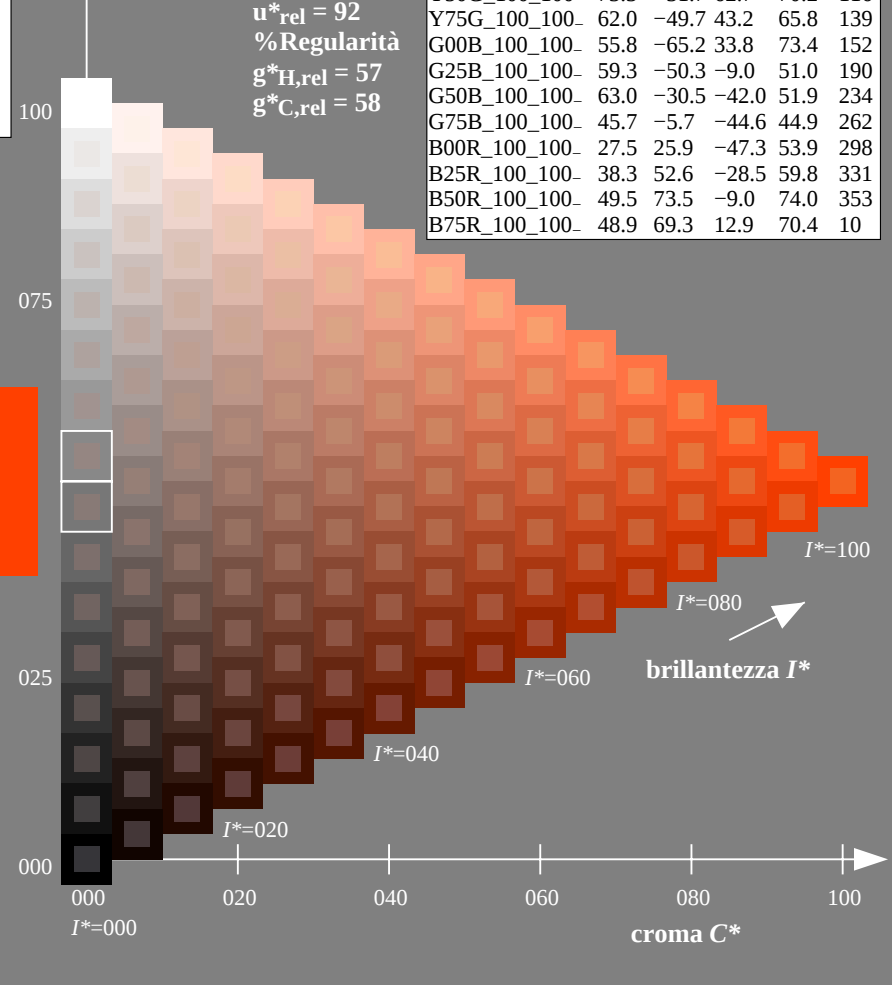
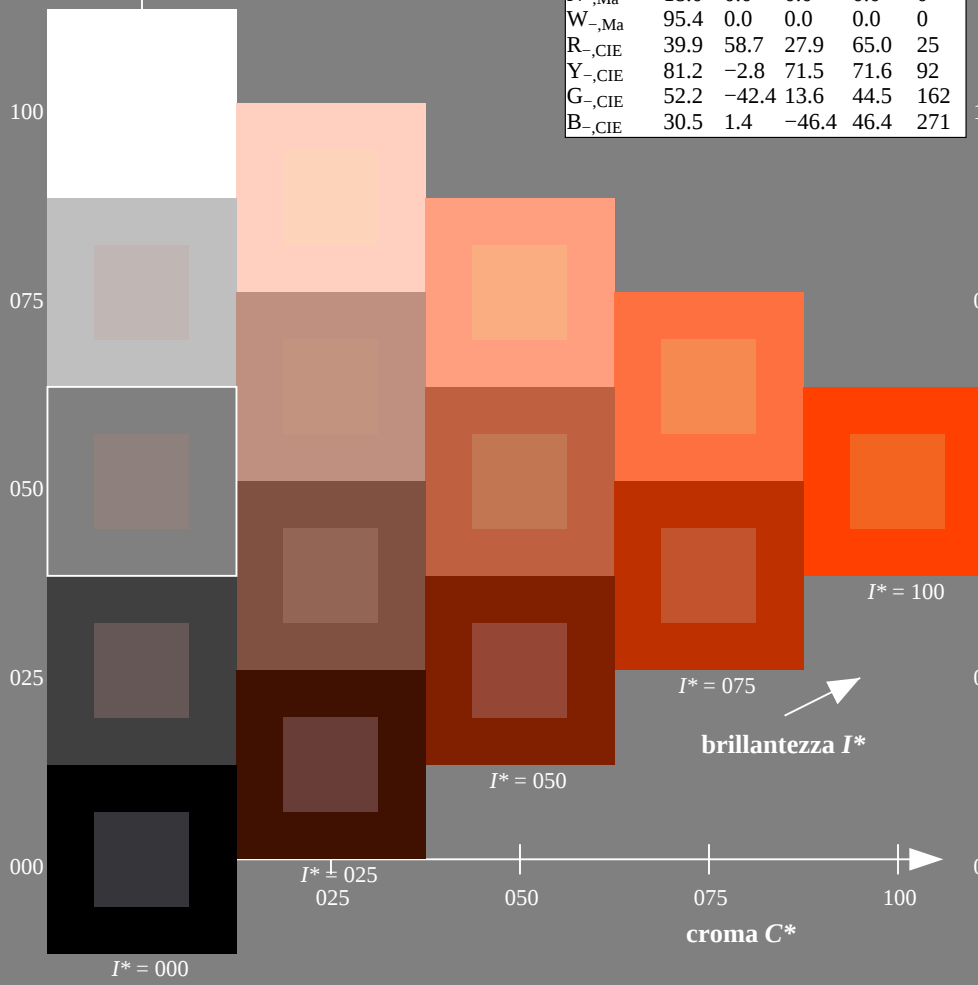


grafico TUB-QI03; codice di tinte:  $H^*_- = R25Y_-$   
grafico conformemente a DIN 33872, 3D=1, de=0,  $cm\dot{y}k^*$

immettere:  $rgb/cmyk \rightarrow rgb/cmyk$   
uscita: nessun cambiamento

Immettere y uscita: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 48/360 = 0.13$

$H^*_d = R25Y_d$

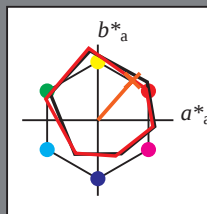
Dati del dispositivo (d) o  
colori elementari (e):

$HIC^*_d$

codice di tonalità per i colori  
questa pagina:

$H^*_d = R25Y_d$

triangolo chiarezza  $T^*$



ORS20a; dati atti CIELAB (a)

| name               | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------------------|-------------|---------|---------|--------------|--------------|
| R <sub>d,Ma</sub>  | 47.3        | 63.8    | 41.2    | 76.0         | 32           |
| Y <sub>d,Ma</sub>  | 88.3        | -11.9   | 95.1    | 95.8         | 97           |
| G <sub>d,Ma</sub>  | 51.9        | -68.8   | 28.1    | 74.3         | 157          |
| C <sub>d,Ma</sub>  | 58.3        | -29.2   | -43.7   | 52.6         | 236          |
| B <sub>d,Ma</sub>  | 25.3        | 23.5    | -47.3   | 52.8         | 296          |
| M <sub>d,Ma</sub>  | 48.2        | 72.8    | -8.5    | 73.3         | 353          |
| N <sub>d,Ma</sub>  | 17.7        | 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):

$LabCh^*_d, Ma$ : 55 45 52 69 48

$HIC^*_d, Ma$ : R25Y\_100\_100d

$rgbic^*_d, Ma$ :

1.0 0.23 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)

| $H^*_d$       | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---------------|-------------|---------|---------|--------------|--------------|
| 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           |

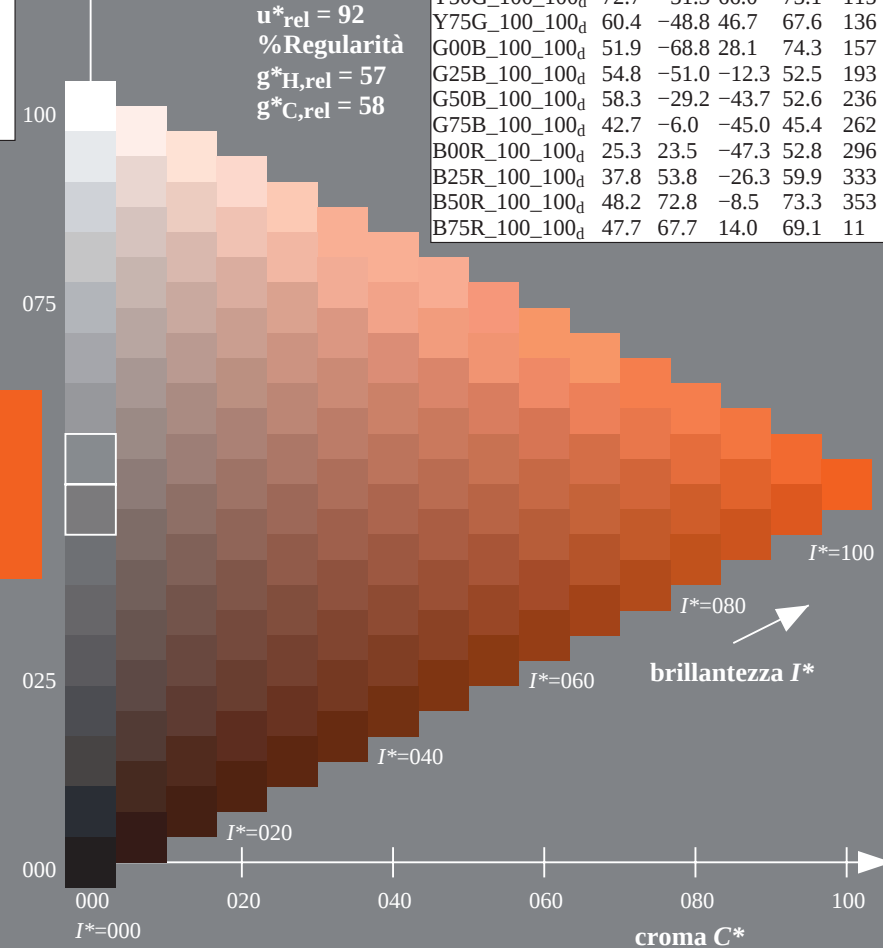
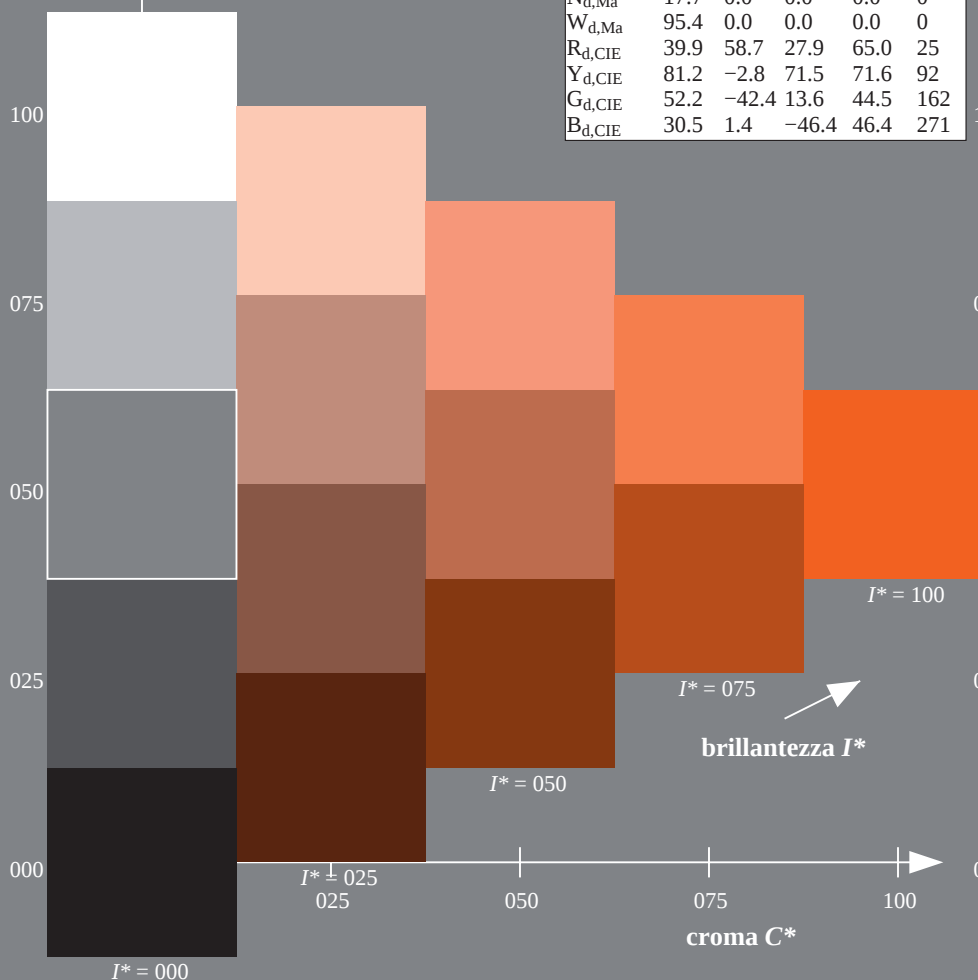


grafico TUB-QI03; codice di tinte:  $H^*_d=R25Y_d$   
grafico conformemente a DIN 33872, 3D=1, de=0,  $cm\dot{y}k^*$

immettere:  $rgb/cmyk \rightarrow rgb_{dd}$   
uscita: 3D-linearizzazzione a  $cm\dot{y}k^*_{dd}$

TUB iscrizione: 20130201-QI03/QI03L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset, separazione  $cm\dot{y}n6^*$  (CMYK)

TUB materiale: code=rha4ta

Immettere y uscita: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 46/360 = 0.12$

$H^*_- = R25Y_-$

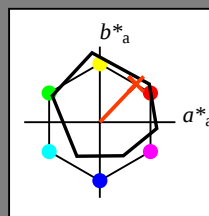
Dati del dispositivo (d) o  
colori elementari (e):

$HIC^*_-$

codice di tonalità per i colori  
questa pagina:

$H^*_- = R25Y_-$

triangolo chiarezza  $T^*$



ORS18a; dati atti 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          |

Il dati per il massimo colore (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

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           |

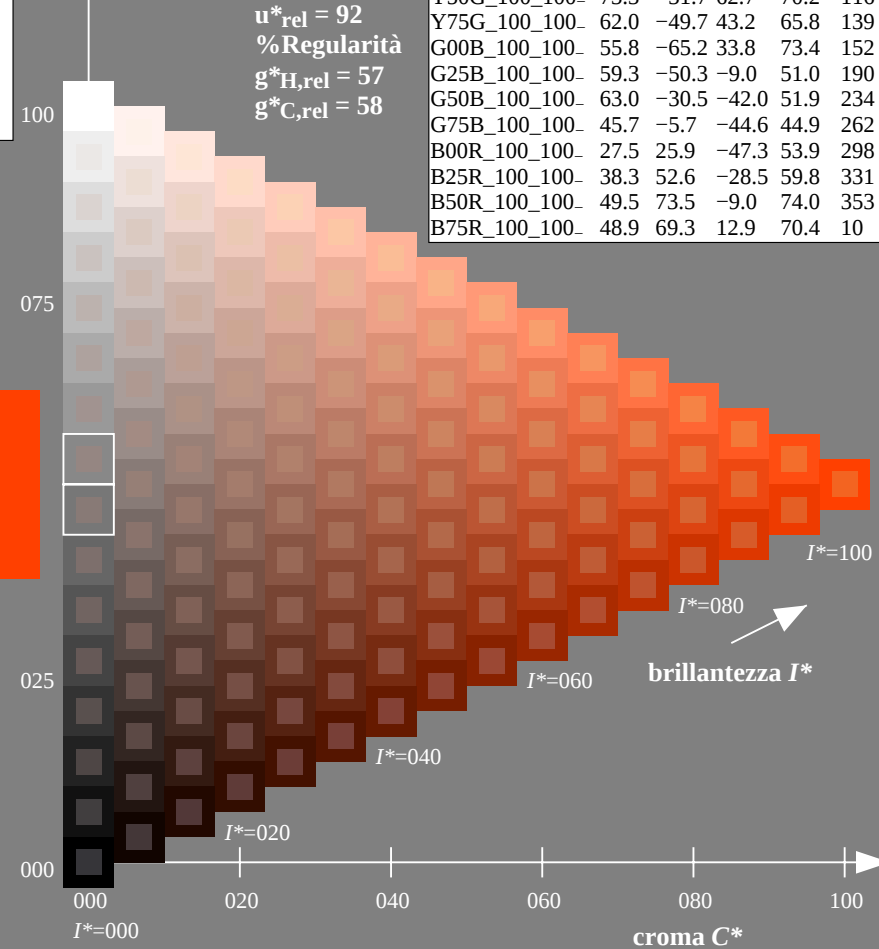
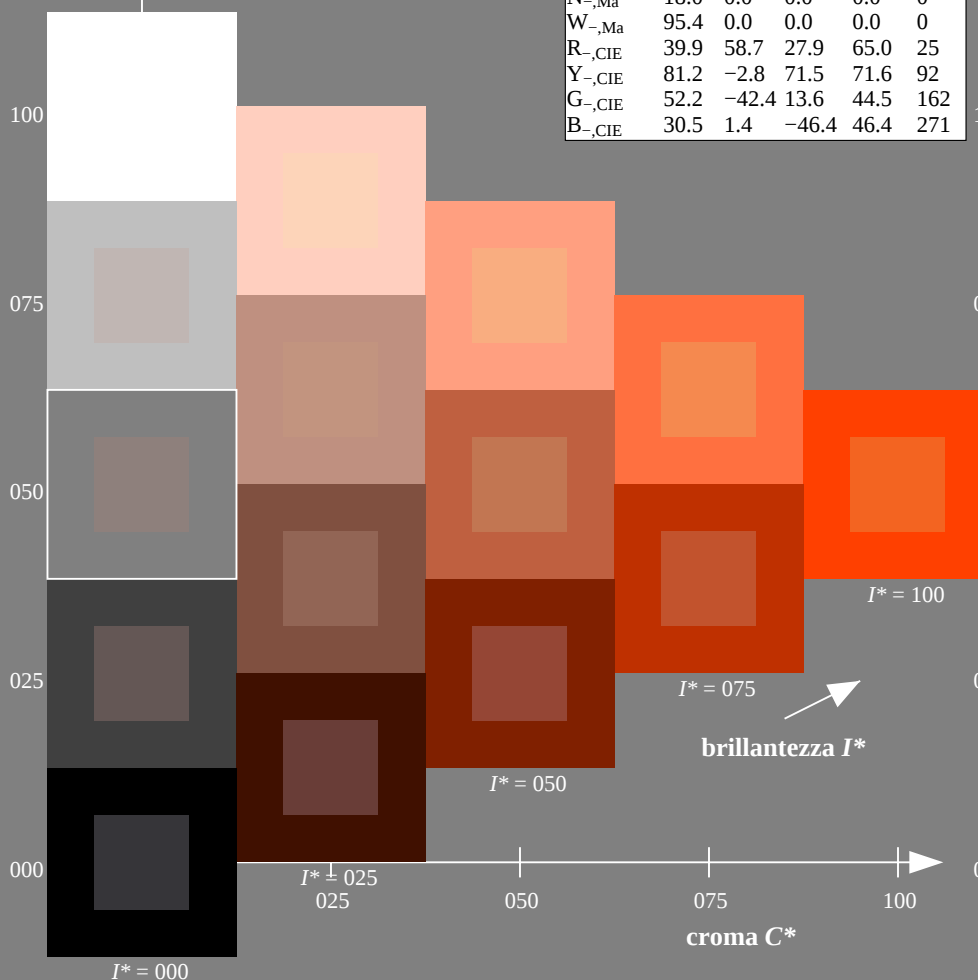


grafico TUB-QI03; codice di tinte:  $H^*_- = R25Y_-$   
grafico conformemente a DIN 33872, 3D=1, de=1,  $cm^y_k$ \*

immettere:  $rgb/cmyk \rightarrow rgb/cmyk$   
uscita: nessun cambiamento

TUB iscrizione: 20130201-QI03/QI03L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset

TUB materiale: code=rha4ta

Immettere y uscita: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 41/360 = 0.11$

$H^*_e = R25Y_e$

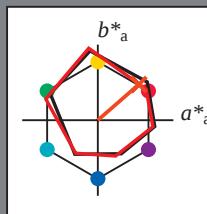
Dati del dispositivo (d) o  
colori elementari (e):

$HIC^*_e$

codice di tonalità per i colori  
questa pagina:

$H^*_e = R25Y_e$

triangolo chiarezza  $T^*$



ORS20a; dati atti 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         | 25           |
| $Y_{e,Ma}$  | 82.9        | -3.5    | 87.8    | 87.9         | 92           |
| $G_{e,Ma}$  | 52.4        | -67.1   | 21.5    | 70.5         | 162          |
| $C_{e,Ma}$  | 56.6        | -39.7   | -29.9   | 49.8         | 216          |
| $B_{e,Ma}$  | 37.9        | 1.3     | -45.4   | 45.4         | 271          |
| $M_{e,Ma}$  | 34.8        | 49.2    | -30.0   | 57.7         | 328          |
| $N_{e,Ma}$  | 17.7        | 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):

$LabCh^*_{e,Ma}$ : 51 54 47 71 41

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

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

1.0 0.13 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)

| $H^*_e$        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------|---------|---------|--------------|--------------|
| R00Y_100_100_e | 47.6        | 64.9    | 30.9    | 71.9         | 25           |
| R25Y_100_100_e | 51.5        | 54.2    | 47.2    | 71.9         | 41           |
| R50Y_100_100_e | 60.3        | 35.6    | 59.0    | 68.9         | 58           |
| R75Y_100_100_e | 70.4        | 17.0    | 72.2    | 74.1         | 76           |
| Y00G_100_100_e | 82.9        | -3.5    | 87.8    | 87.9         | 92           |
| Y25G_100_100_e | 76.9        | -25.5   | 75.9    | 80.1         | 108          |
| Y50G_100_100_e | 65.8        | -41.4   | 54.4    | 68.3         | 127          |
| Y75G_100_100_e | 56.9        | -56.3   | 38.1    | 68.0         | 145          |
| G00B_100_100_e | 52.4        | -67.1   | 21.5    | 70.5         | 162          |
| G25B_100_100_e | 54.6        | -53.2   | -9.0    | 53.9         | 189          |
| G50B_100_100_e | 56.6        | -39.7   | -29.9   | 49.8         | 216          |
| G75B_100_100_e | 52.7        | -21.1   | -44.1   | 48.9         | 244          |
| B00R_100_100_e | 37.9        | 1.3     | -45.4   | 45.4         | 271          |
| B25R_100_100_e | 26.7        | 26.6    | -45.8   | 52.9         | 300          |
| B50R_100_100_e | 34.8        | 49.2    | -30.0   | 57.7         | 328          |
| B75R_100_100_e | 47.3        | 71.5    | -9.9    | 72.1         | 352          |

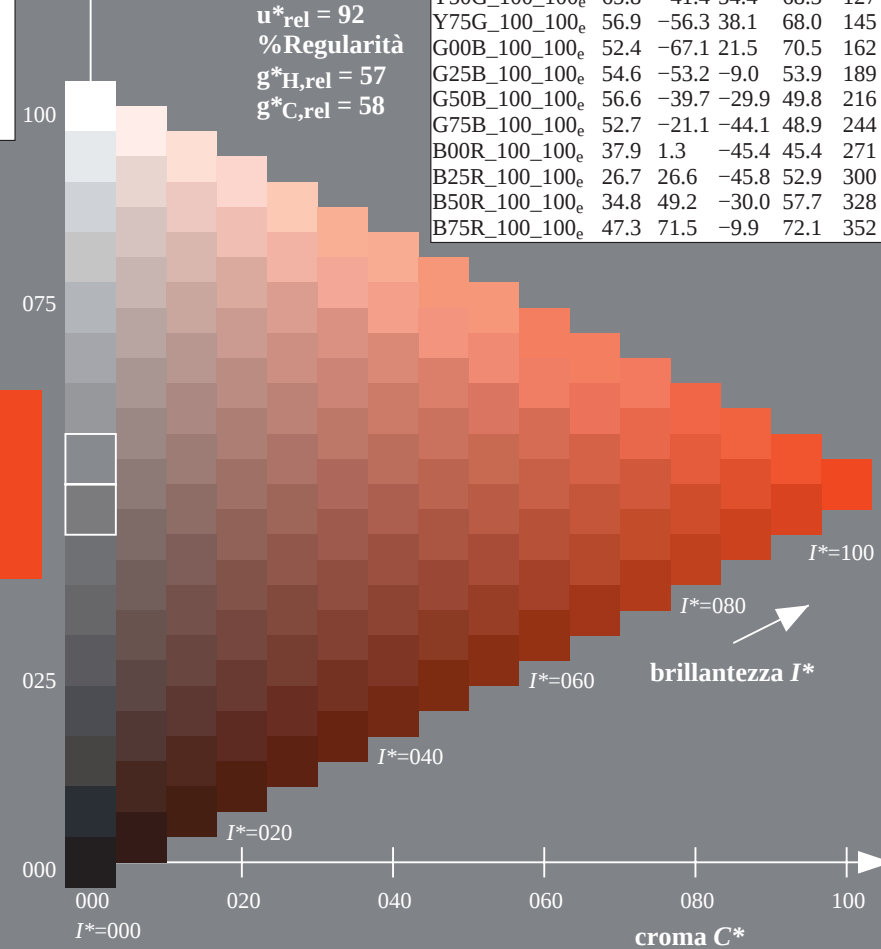
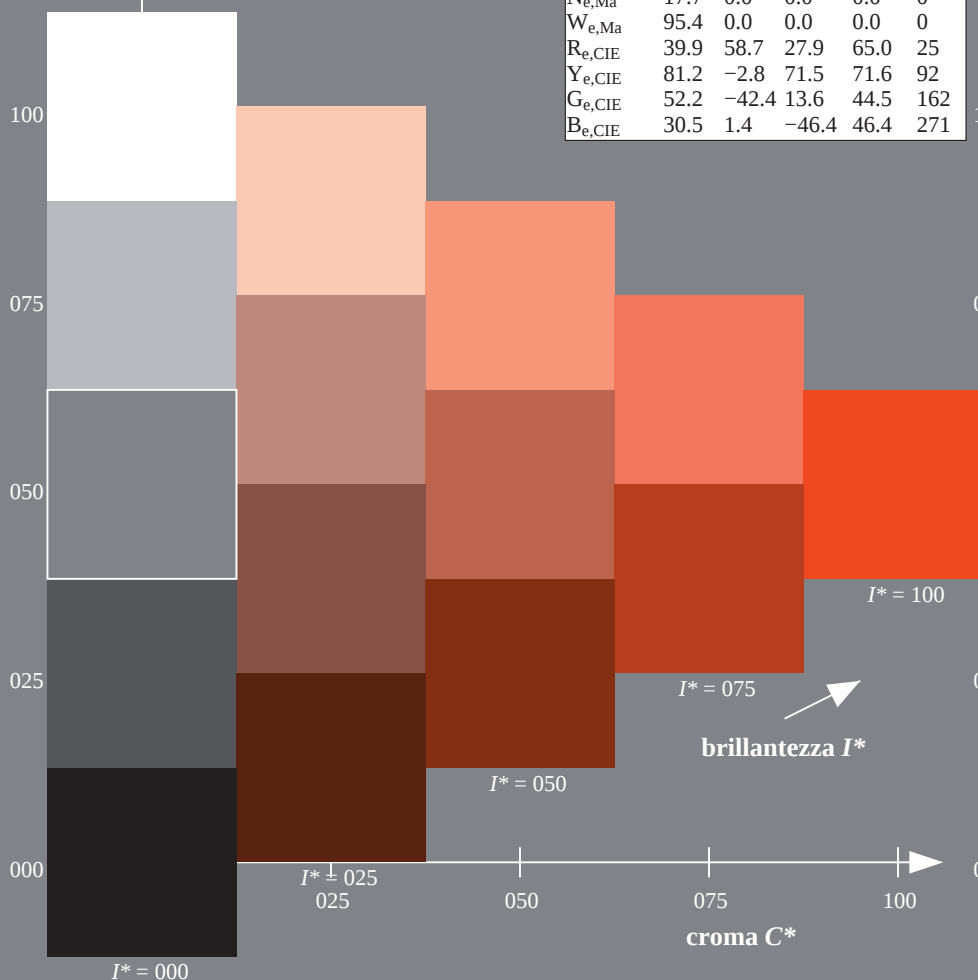


grafico TUB-QI03; codice di tinte:  $H^*_e=R25Y_e$   
grafico conformemente a DIN 33872, 3D=1, de=1,  $cm\dot{y}k^*$

immettere:  $rgb/cmyk \rightarrow rgb_{de}$   
uscita: 3D-linearizzazzione a  $cm\dot{y}k^*_{de}$

TUB iscrizione: 20130201-QI03/QI03L0FP.PDF /.PS  
la domanda per la misura uscita nella stampa di offset, separazione  $cm\dot{y}n6^*$  (CMYK)

TUB materiale: code=rha4ta