

http://130.149.60.45/~farbmetrik/RE03/RE03L0NP.PDF /.PS; start output

N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/2

see similar files: <http://130.149.60.45/~farbmetrik/RE03/RE03L0NP.PDF> /.PS; start output  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-RE03/RE03L0NP.PDF /.PS  
application for measurement of offset print output

TUB material: code=rhta4ta

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 262/360 = 0.72$

$H^*_- = G75B_-$

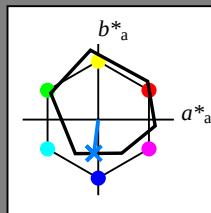
Data for any device (d) or elementary (e) colour:

$HIC^*_-$

hue text for the colours of this page:

$H^*_- = G75B_-$

triangle lightness  $T^*$



**ORS18a; adapted (a) CIELAB data**

| 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          |

Data for maximum colour (Ma):

$LabCh^*_{-,Ma}$ : 45 -5 -44 44 262

$HIC^*_{-,Ma}$ : G75B<sub>-</sub>100<sub>-</sub>100<sub>-</sub>

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

0.0 0.5 1.0 1.0 1.0

triangle lightness  $T^*$

%Gamut

$u^*_{rel} = 92$

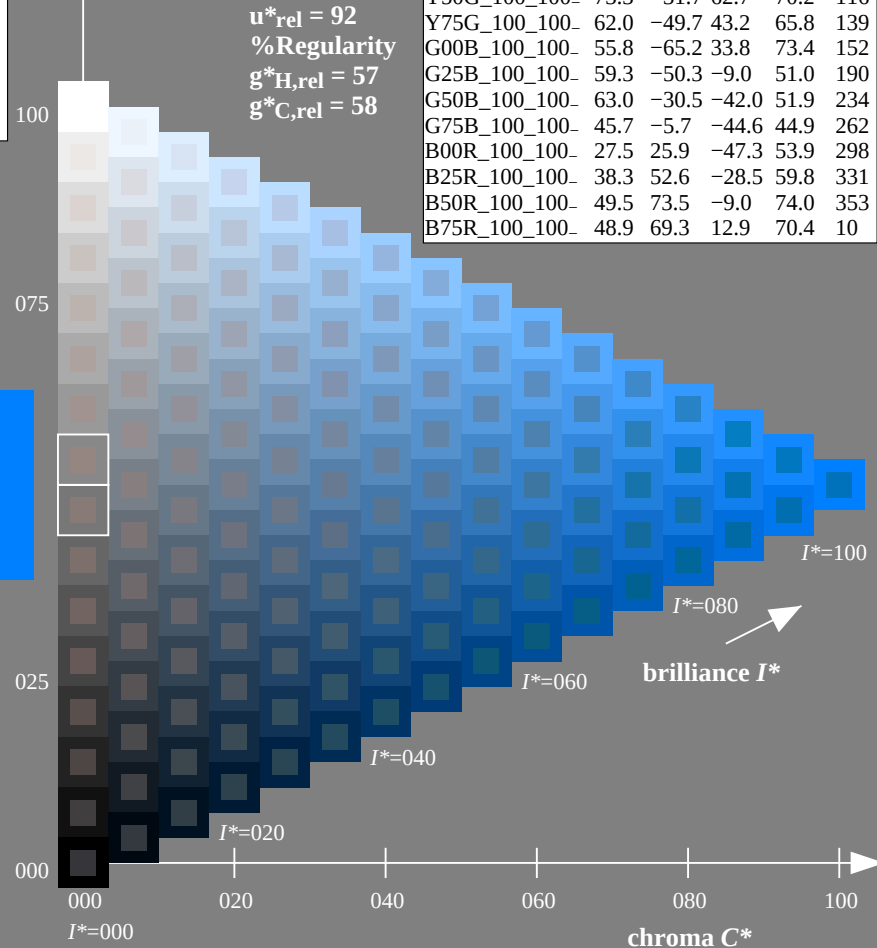
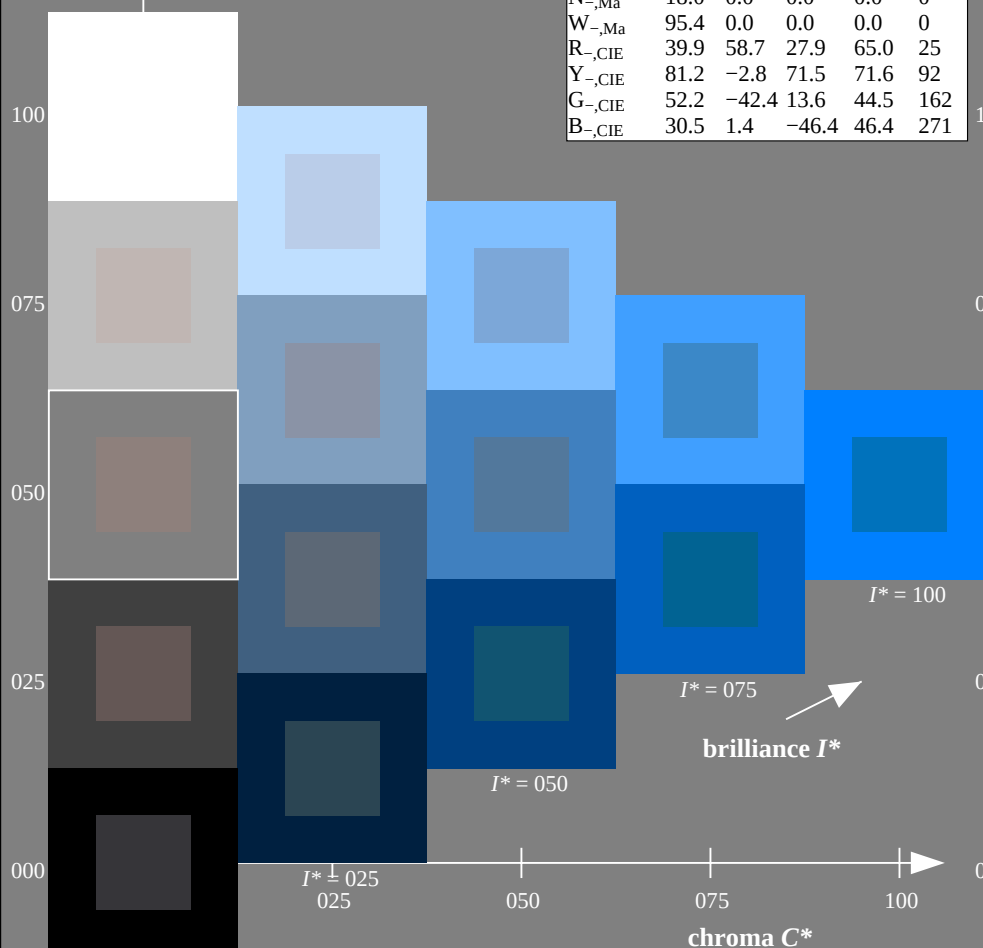
%Regularity

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

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

**ORS20a; adapted (a) CIELAB data**

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



1-003030-L0 RE030-7N

TUB-test chart RE03; hue code:  $H^*_- = G75B_-$   
Test chart according to DIN 33872, 3D=0, de=0, cmyk

input: *rgb/cmyk* -> *rgb/cmyk*  
output: no change