

<http://130.149.60.45/~farbmetrik/RE13/RE13L0NP.PDF> /PS; transfer output

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

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 296/360 = 0.82$

$H^*_d = B00R_d$

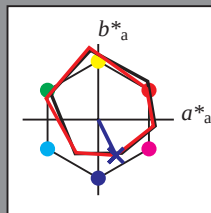
Data for any device (d) or elementary (e) colour:

$HIC^*_d$

hue text for the colours of this page:

$H^*_d = B00R_d$

triangle lightness  $T^*$



ORS20a; adapted (a) CIELAB data

| 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          |

Data for maximum colour (Ma):

$LabCh^*_d, Ma$ : 25 23 -47 52 296

$HIC^*_d, Ma$ : B00R\_100\_100<sub>d</sub>

$rgbic^*_d, Ma$ :

0.0 0.0 1.0 1.0 1.0

triangle lightness  $T^*$

% Gamut

$u^*_{rel} = 92$

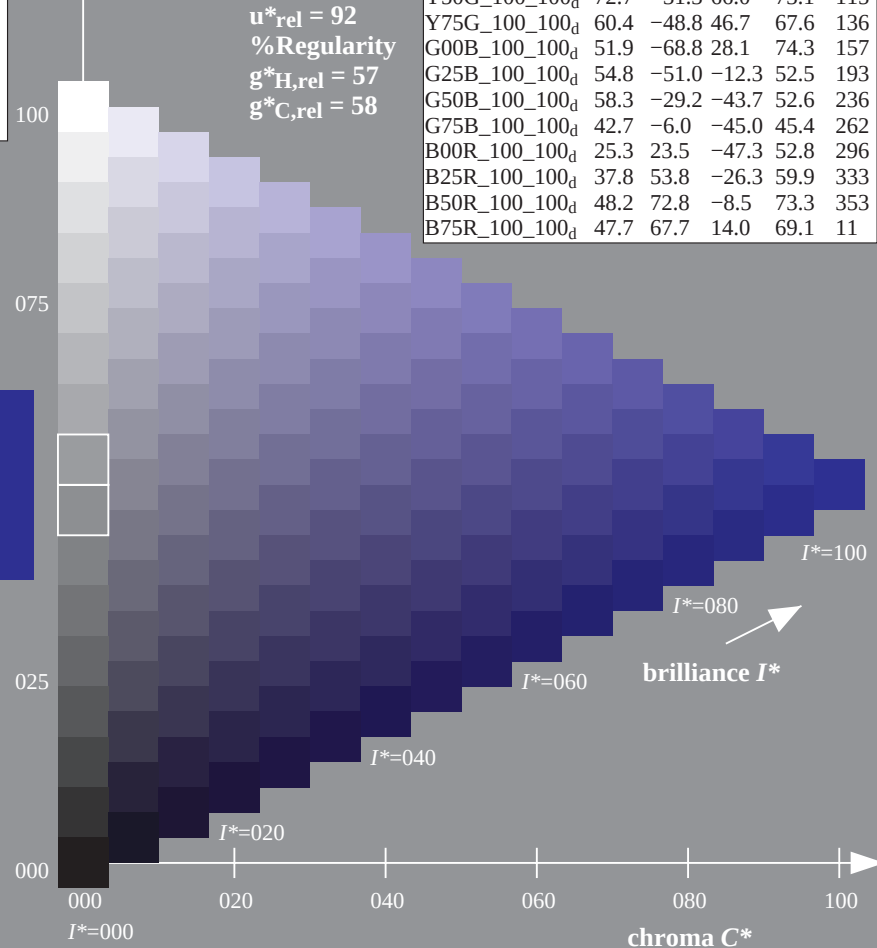
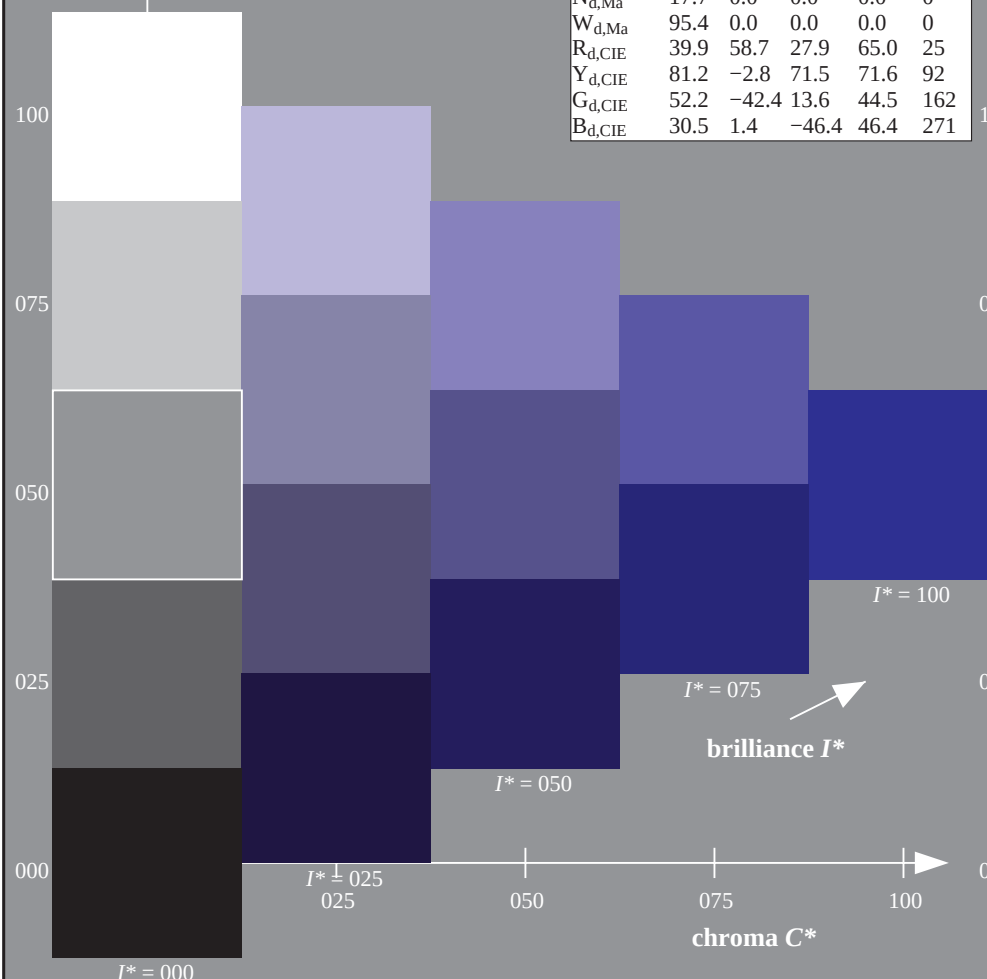
% Regularity

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

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

ORS20a; adapted (a) CIELAB data

| $H^*_d$                   | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---------------------------|-------------|---------|---------|--------------|--------------|
| R00Y_100_100 <sub>d</sub> | 47.3        | 63.8    | 41.2    | 76.0         | 32           |
| R25Y_100_100 <sub>d</sub> | 55.3        | 45.8    | 52.2    | 69.5         | 48           |
| R50Y_100_100 <sub>d</sub> | 67.2        | 22.6    | 67.6    | 71.2         | 71           |
| R75Y_100_100 <sub>d</sub> | 79.9        | 1.0     | 83.9    | 83.9         | 89           |
| Y00G_100_100 <sub>d</sub> | 88.3        | -11.9   | 95.1    | 95.8         | 97           |
| Y25G_100_100 <sub>d</sub> | 83.3        | -19.2   | 83.7    | 85.9         | 102          |
| Y50G_100_100 <sub>d</sub> | 72.7        | -31.3   | 66.0    | 73.1         | 115          |
| Y75G_100_100 <sub>d</sub> | 60.4        | -48.8   | 46.7    | 67.6         | 136          |
| G00B_100_100 <sub>d</sub> | 51.9        | -68.8   | 28.1    | 74.3         | 157          |
| G25B_100_100 <sub>d</sub> | 54.8        | -51.0   | -12.3   | 52.5         | 193          |
| G50B_100_100 <sub>d</sub> | 58.3        | -29.2   | -43.7   | 52.6         | 236          |
| G75B_100_100 <sub>d</sub> | 42.7        | -6.0    | -45.0   | 45.4         | 262          |
| B00R_100_100 <sub>d</sub> | 25.3        | 23.5    | -47.3   | 52.8         | 296          |
| B25R_100_100 <sub>d</sub> | 37.8        | 53.8    | -26.3   | 59.9         | 333          |
| B50R_100_100 <sub>d</sub> | 48.2        | 72.8    | -8.5    | 73.3         | 353          |
| B75R_100_100 <sub>d</sub> | 47.7        | 67.7    | 14.0    | 69.1         | 11           |



1-003130-L0 RE130-70

TUB-test chart RE13; hue code:  $H^*_d=B00R_d$

Test chart according to DIN 33872, 3D=0, de=0, cmyk

input:  $rgb/cmyk \rightarrow rgb_d$

output: transfer to  $cmyk_d$

TUB registration: 20150701-RE13/RE13L0NP.PDF /PS

TUB material: code=rha4ta

application for measurement of offset print output, separation cmyk6 (CMYK)