

see similar files: <http://130.149.60.45/~farbmetrik/QE66/QE66L0FP.PDF> / .PS  
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 136/360 = 0.37$

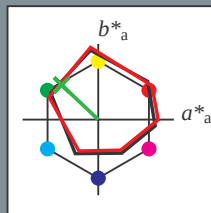
Data for any device (d) or elementary (e) colour:

$HIC^*_d$

hue text for the colours of this page:

$H^*_d = Y75G_d$

triangle lightness  $T^*$



ORS20a; adapted (a) CIELAB data

| Name        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-------------|-------------|---------|---------|--------------|--------------|
| $R_{d,Ma}$  | 45.4        | 70.9    | 44.8    | 83.9         | 32           |
| $Y_{d,Ma}$  | 87.8        | -10.2   | 95.4    | 96.0         | 96           |
| $G_{d,Ma}$  | 50.0        | -65.0   | 29.6    | 71.4         | 155          |
| $C_{d,Ma}$  | 56.8        | -25.5   | -41.5   | 48.7         | 238          |
| $B_{d,Ma}$  | 25.0        | 29.5    | -40.4   | 50.0         | 306          |
| $M_{d,Ma}$  | 46.1        | 79.3    | -0.2    | 79.3         | 359          |
| $N_{d,Ma}$  | 24.3        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{d,Ma}$  | 95.6        | 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          |

Data for maximum colour (Ma):

$LabCh^*_{d,Ma}$ : 57 -48 45 66 136

$HIC^*_{d,Ma}$ : Y75G\_100\_100d

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

0.23 1.0 0.0 1.0 1.0

triangle lightness  $T^*$

% Gamut

$u^*_{rel} = 92$

% Regularity

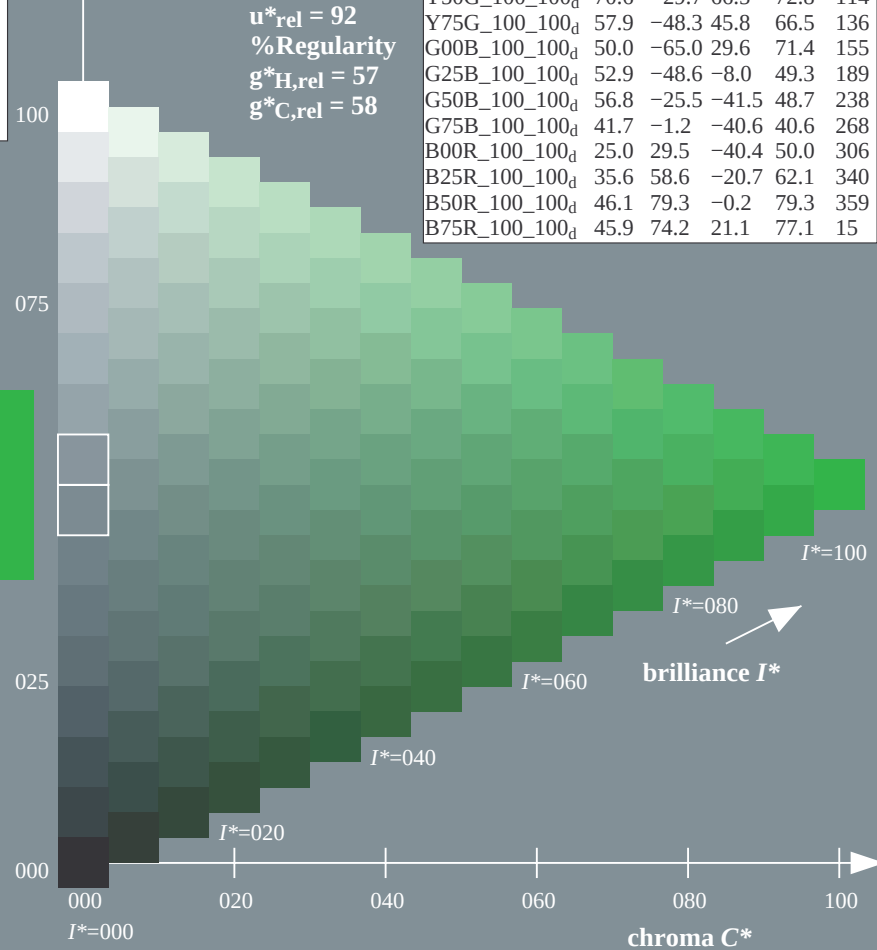
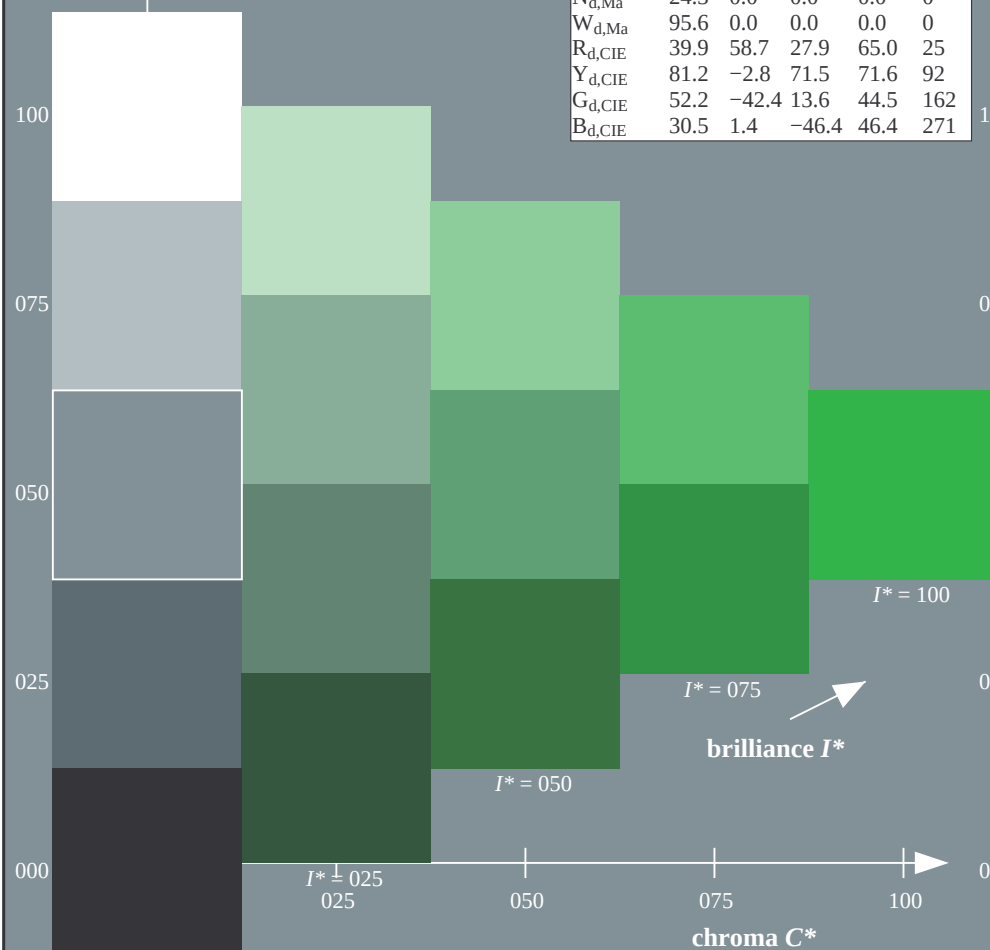
$g^*_{H,rel} = 57$

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

$H^*_d = Y75G_d$

ORS20a; adapted (a) CIELAB data

| $H^*_d$       | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---------------|-------------|---------|---------|--------------|--------------|
| R00Y_100_100d | 45.4        | 70.9    | 44.8    | 83.9         | 32           |
| R25Y_100_100d | 53.0        | 53.4    | 54.8    | 76.5         | 45           |
| R50Y_100_100d | 64.9        | 28.9    | 68.6    | 74.5         | 67           |
| R75Y_100_100d | 78.6        | 4.3     | 84.7    | 84.8         | 87           |
| Y00G_100_100d | 87.8        | -10.2   | 95.4    | 96.0         | 96           |
| Y25G_100_100d | 81.2        | -17.0   | 84.3    | 86.0         | 101          |
| Y50G_100_100d | 70.6        | -29.7   | 66.5    | 72.8         | 114          |
| Y75G_100_100d | 57.9        | -48.3   | 45.8    | 66.5         | 136          |
| G00B_100_100d | 50.0        | -65.0   | 29.6    | 71.4         | 155          |
| G25B_100_100d | 52.9        | -48.6   | -8.0    | 49.3         | 189          |
| G50B_100_100d | 56.8        | -25.5   | -41.5   | 48.7         | 238          |
| G75B_100_100d | 41.7        | -1.2    | -40.6   | 40.6         | 268          |
| B00R_100_100d | 25.0        | 29.5    | -40.4   | 50.0         | 306          |
| B25R_100_100d | 35.6        | 58.6    | -20.7   | 62.1         | 340          |
| B50R_100_100d | 46.1        | 79.3    | -0.2    | 79.3         | 359          |
| B75R_100_100d | 45.9        | 74.2    | 21.1    | 77.1         | 15           |



1-103131-L0 QE660-72

TUB-test chart QE66; hue code:  $H^*_d=Y75G_d$

Test chart according to DIN 33872, 3D=1, de=0,  $cmY0^*$

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

output: 3D-linearization to  $cmY0^*_{dd}$

TUB registration: 20130201-QE66/QE66L0FP.PDF /.PS

TUB material: code=rh4ta

application for measurement of offset print output, separation  $cmY0^*$  (CMY0)