

see similar files: <http://130.149.60.45/~farbmetrik/QE63/QE63L0NP.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  $h_{ab,a,rel} = h_{ab}/360 = 136/360 = 0.37$

$H^*_d = Y75G_d$

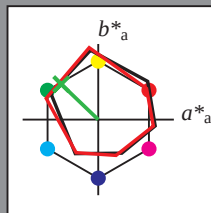
Data for any device (d) or elementary (e) colour:

$HIC^*_d$

hue text for the colours of this page:

$H^*_d = Y75G_d$

triangle lightness  $T^*$



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

| Name        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-------------|-------------|---------|---------|--------------|--------------|
| $R_{d,Ma}$  | 47.3        | 63.8    | 41.2    | 76.0         | 32           |
| $Y_{d,Ma}$  | 88.3        | -11.9   | 95.1    | 95.8         | 97           |
| $G_{d,Ma}$  | 51.9        | -68.8   | 28.1    | 74.3         | 157          |
| $C_{d,Ma}$  | 58.3        | -29.2   | -43.7   | 52.6         | 236          |
| $B_{d,Ma}$  | 25.3        | 23.5    | -47.3   | 52.8         | 296          |
| $M_{d,Ma}$  | 48.2        | 72.8    | -8.5    | 73.3         | 353          |
| $N_{d,Ma}$  | 17.7        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{d,Ma}$  | 95.4        | 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):

$LabCh^*_{d,Ma}$ : 60 -48 46 67 136

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

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

0.23 1.0 0.0 1.0 1.0

triangle lightness  $T^*$

% Gamut

$u^*_{rel} = 92$

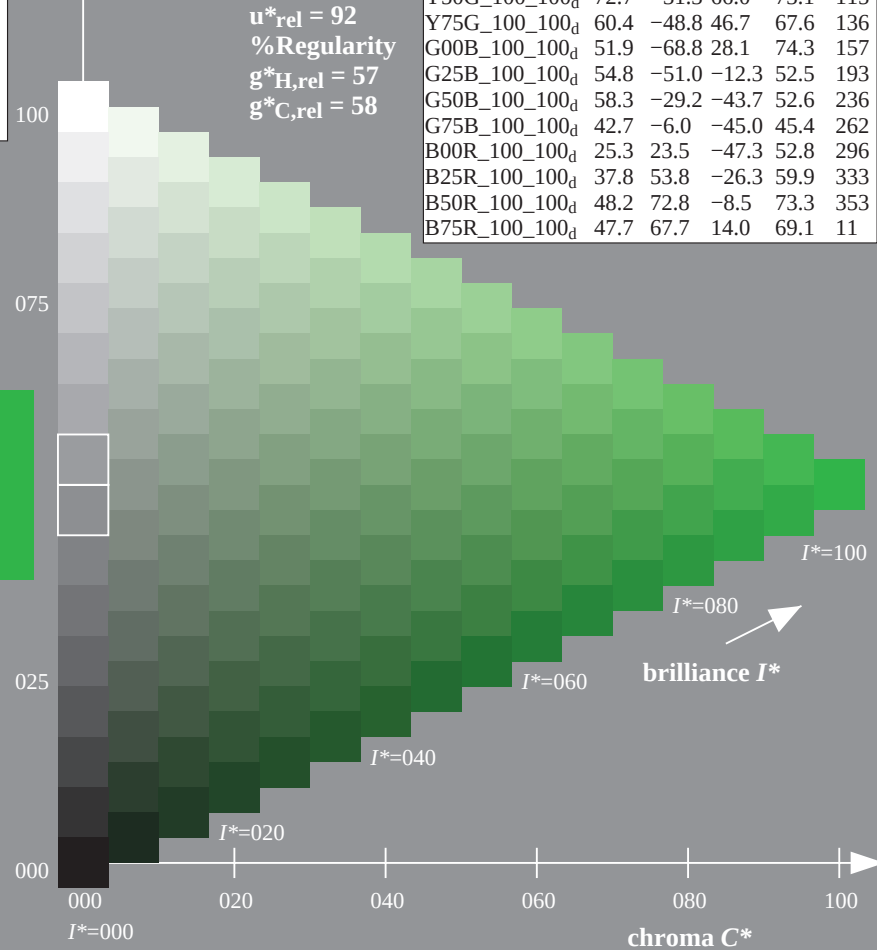
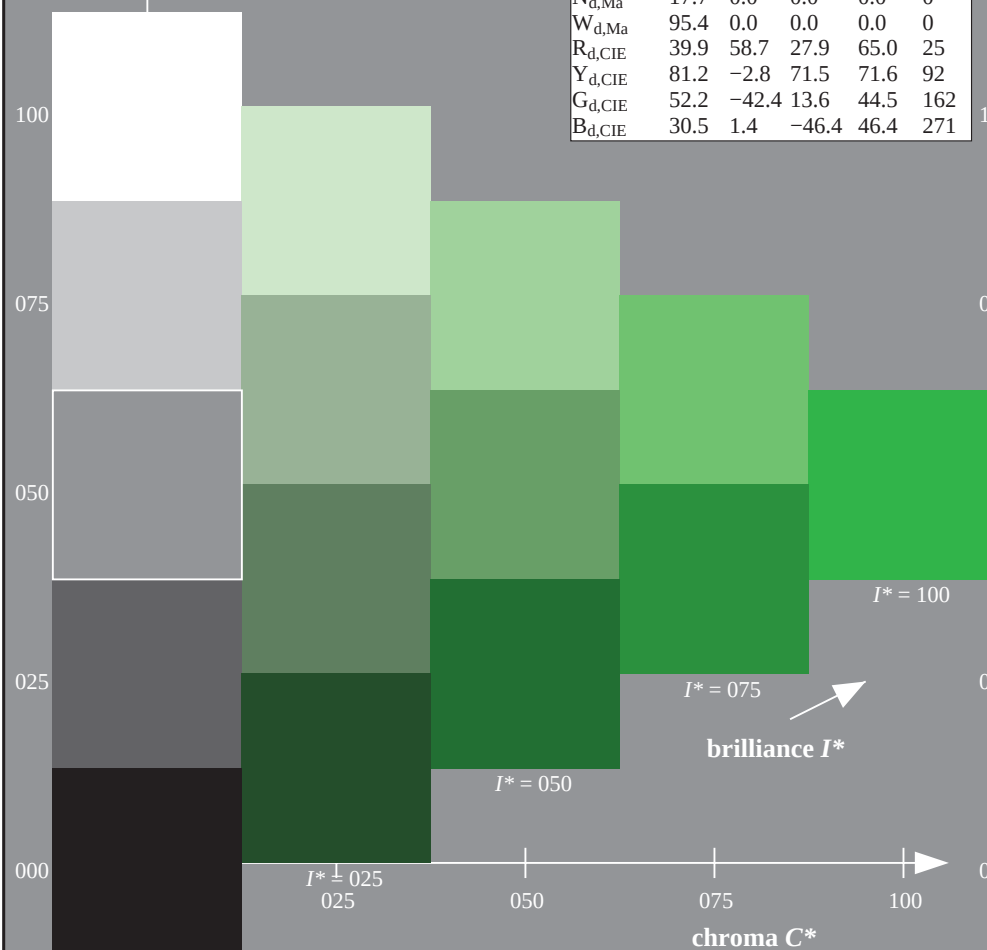
% Regularity

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

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

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

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



1-003130-L0 QE630-70

TUB-test chart QE63; hue code:  $H^*_d=Y75G_d$

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

input:  $rgb/cmyk \rightarrow rgb_d$

output: transfer to  $cmyk_d$

TUB registration: 20130201-QE63/QE63L0NP.PDF /PS  
 application for measurement of offset print output, separationcmyk6 (CMYK)

TUB material: code=rha4ta