

http://130.149.60.45/~farbmeterik/QE76/QE76L0NP.PDF /.PS; start output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/2

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 152/360 = 0.42$

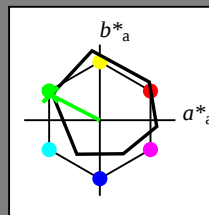
Data for any device (d) or elementary (e) colour:

$HIC^*$

hue text for the colours of this page:

$H^*_- = G00B_-$

triangle lightness  $T^*$



ORS18a; adapted (a) CIELAB data

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

Data for maximum colour (Ma):

$LabCh^*_{-,Ma}$ : 55 -65 33 73 152

$HIC^*_{-,Ma}$ : G00B\_100\_100-

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

0.0 1.0 0.0 1.0 1.0

triangle lightness  $T^*$

% Gamut

$u^*_{rel} = 92$

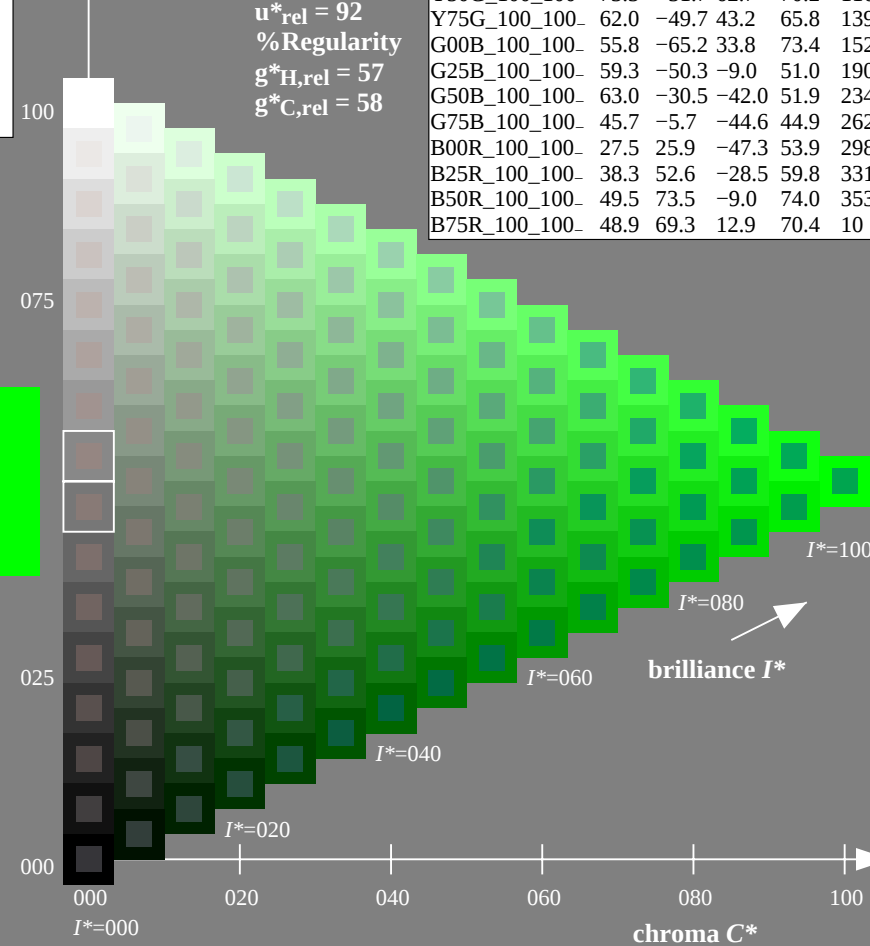
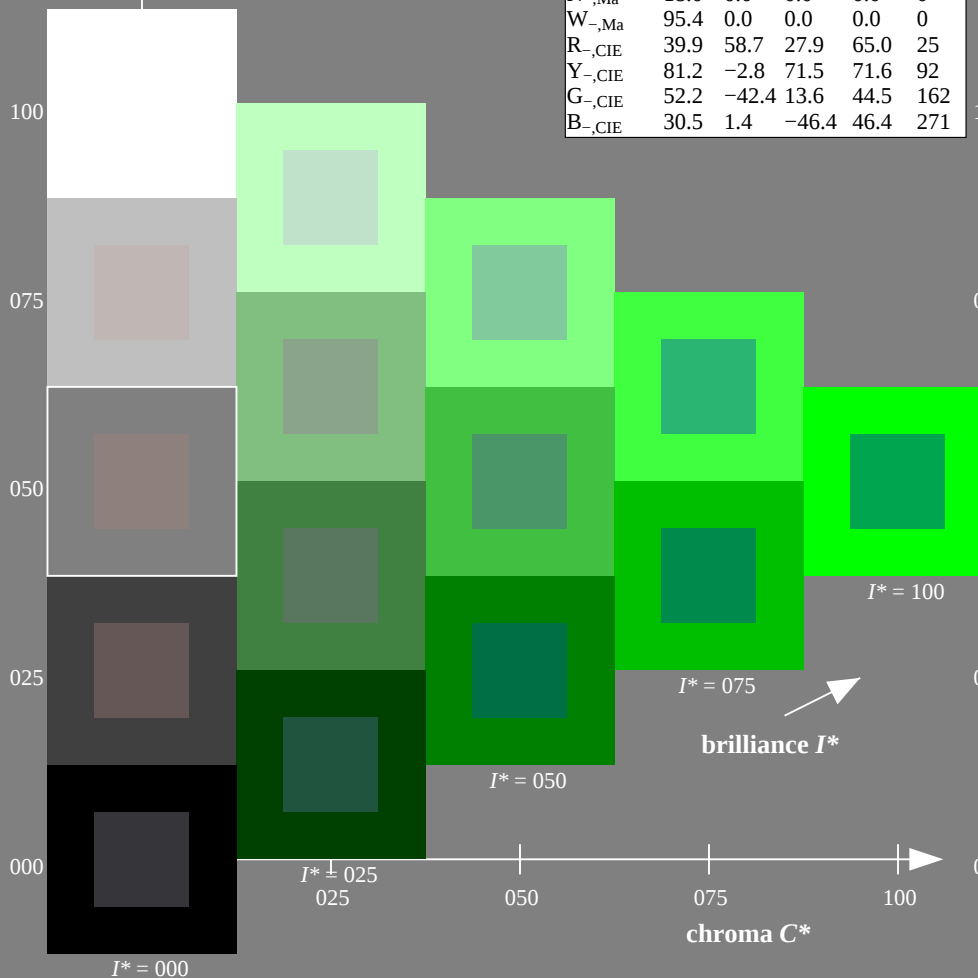
% Regularity

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

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

ORS20a; adapted (a) CIELAB data

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



TUB-test chart QE76; hue code:  $H^*_- = G00B_-$   
Test chart according to DIN 33872, 3D=0, de=0, cmy0

input:  $rgb/cmyk \rightarrow rgb/cmyk$   
output: no change



http://130.149.60.45/~farbmeterik/QE76/QE76L0NP.PDF /.PS; start output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/2

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 152/360 = 0.42$

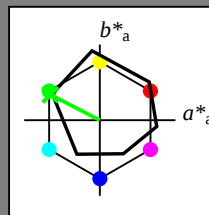
Data for any device (d) or elementary (e) colour:

$HIC^*$

hue text for the colours  
of this page:

$H^*_- = G00B_-$

triangle lightness  $T^*$



| ORS18a; adapted (a) CIELAB data |                   |         |              |              |     |
|---------------------------------|-------------------|---------|--------------|--------------|-----|
| 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         | 37  |
| Y <sub>-,Ma</sub>               | 90.3              | -10.2   | 91.7         | 92.3         | 96  |
| G <sub>-,Ma</sub>               | 50.9              | -62.8   | 34.9         | 71.9         | 150 |
| C <sub>-,Ma</sub>               | 58.6              | -30.3   | -45.0        | 54.2         | 236 |
| B <sub>-,Ma</sub>               | 25.7              | 31.0    | -44.4        | 54.2         | 305 |
| M <sub>-,Ma</sub>               | 48.1              | 75.2    | -8.3         | 75.7         | 353 |
| N <sub>-,Ma</sub>               | 18.0              | 0.0     | 0.0          | 0.0          | 0   |
| W <sub>-,Ma</sub>               | 95.4              | 0.0     | 0.0          | 0.0          | 0   |
| R <sub>-,CIE</sub>              | 39.9              | 58.7    | 27.9         | 65.0         | 25  |
| Y <sub>-,CIE</sub>              | 81.2              | -2.8    | 71.5         | 71.6         | 92  |
| G <sub>-,CIE</sub>              | 52.2              | -42.4   | 13.6         | 44.5         | 162 |
| B <sub>-,CIE</sub>              | 30.5              | 1.4     | -46.4        | 46.4         | 271 |

Data for maximum colour (Ma):

$LabCh^*_{-,Ma}$ : 55 -65 33 73 152

$HIC^*_{-,Ma}$ : G00B\_100\_100-

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

0.0 1.0 0.0 1.0 1.0

triangle lightness  $T^*$

% Gamut

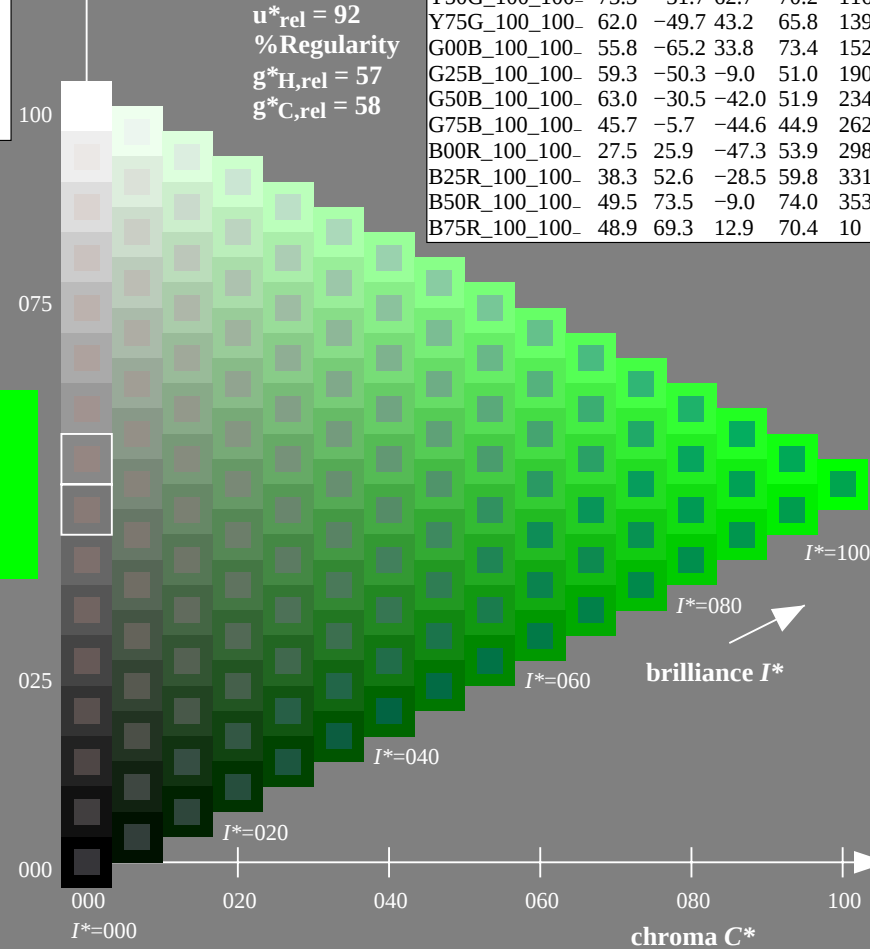
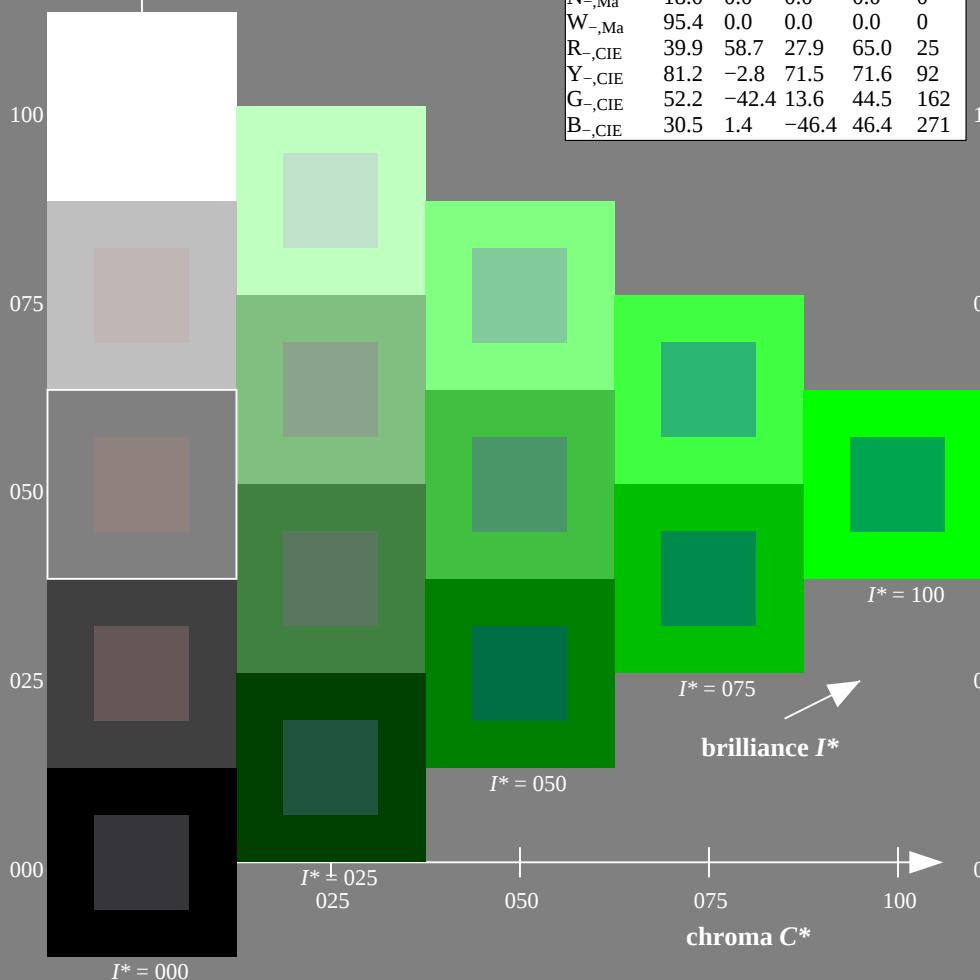
$u^*_{rel} = 92$

% Regularity

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

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

| ORS20a; adapted (a) CIELAB data |                   |         |              |              |     |
|---------------------------------|-------------------|---------|--------------|--------------|-----|
| $H^*_-$                         | $L^*=L^*_a a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |     |
| 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  |



TUB-test chart QE76; hue code:  $H^*_- = G00B_-$   
Test chart according to DIN 33872, 3D=0, de=1, cmy0

input:  $rgb/cmyk \rightarrow rgb/cmyk$   
output: no change

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 162/360 = 0.45$

$H^*_e = G00B_e$

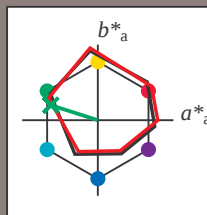
Data for any device (d) or elementary (e) colour:

$HIC^*_e$

hue text for the colours of this page:

$H^*_e = G00B_e$

triangle lightness  $T^*$



| ORS20a; adapted (a) CIELAB data |             |         |         |              |              |
|---------------------------------|-------------|---------|---------|--------------|--------------|
| name                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $R_e, Ma$                       | 45.6        | 72.2    | 34.4    | 80.0         | 25           |
| $Y_e, Ma$                       | 83.6        | -3.6    | 90.4    | 90.4         | 92           |
| $G_e, Ma$                       | 50.6        | -62.1   | 19.9    | 65.2         | 162          |
| $C_e, Ma$                       | 55.0        | -36.2   | -27.2   | 45.3         | 216          |
| $B_e, Ma$                       | 40.2        | 1.2     | -40.6   | 40.6         | 271          |
| $M_e, Ma$                       | 31.1        | 47.7    | -29.1   | 55.9         | 328          |
| $N_e, Ma$                       | 24.3        | 0.0     | 0.0     | 0.0          | 0            |
| $W_e, Ma$                       | 95.6        | 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          |

Data for maximum colour (Ma):

$LabCh^*_e, Ma$ : 50 -62 19 65 162

$HIC^*_e, Ma$ : G00B\_100\_100\_e

$rgbic^*_e, Ma$ :

0.0 1.0 0.15 1.0 1.0

triangle lightness  $T^*$

% Gamut

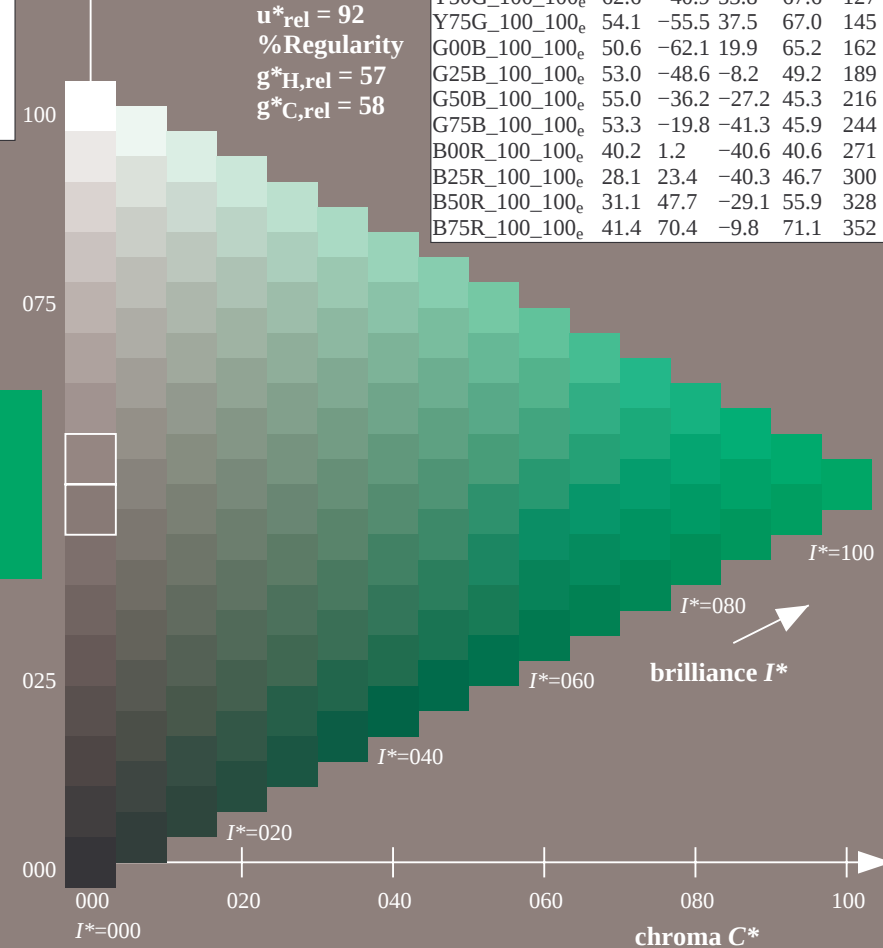
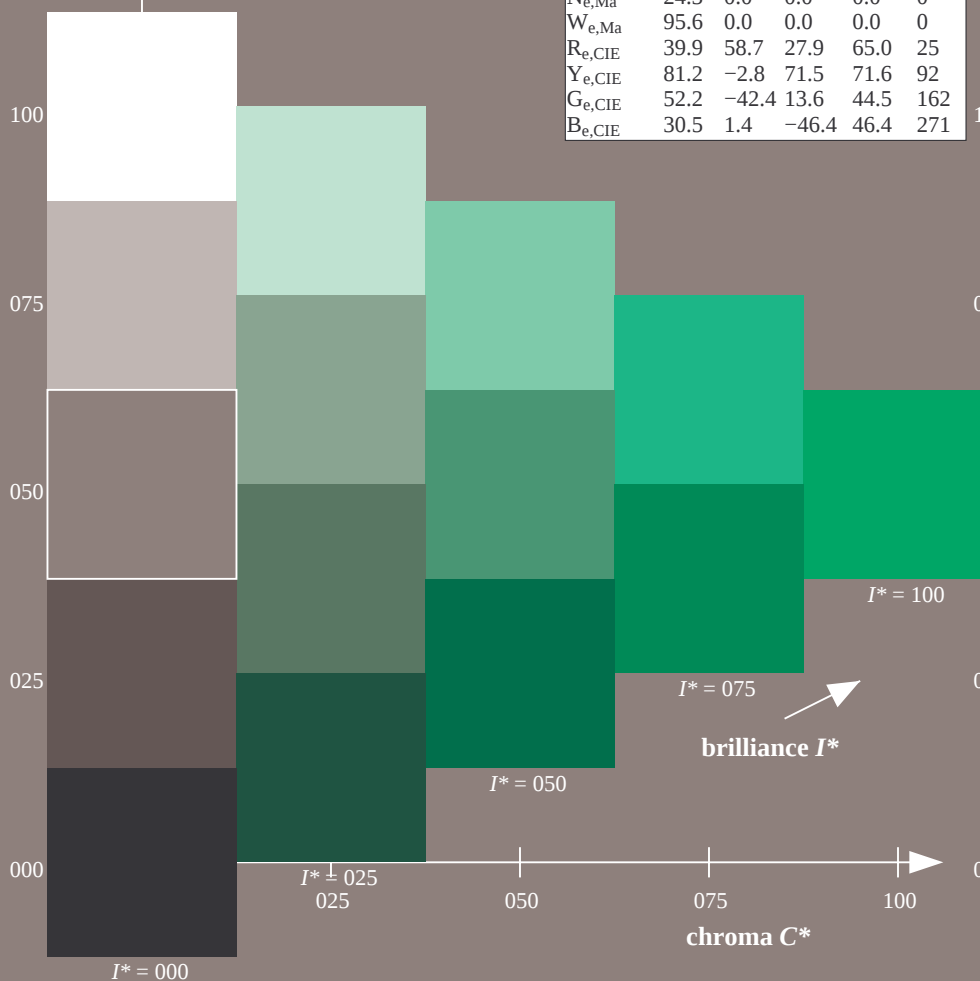
$u^*_{rel} = 92$

% Regularity

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

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

| ORS20a; adapted (a) CIELAB data |             |         |         |              |              |
|---------------------------------|-------------|---------|---------|--------------|--------------|
| $H^*_e$                         | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $R00Y\_100\_100_e$              | 45.6        | 72.2    | 34.4    | 80.0         | 25           |
| $R25Y\_100\_100_e$              | 50.5        | 59.2    | 51.6    | 78.6         | 41           |
| $R50Y\_100\_100_e$              | 60.2        | 38.2    | 63.4    | 74.1         | 58           |
| $R75Y\_100\_100_e$              | 70.9        | 17.9    | 75.9    | 77.9         | 76           |
| $Y00G\_100\_100_e$              | 83.6        | -3.6    | 90.4    | 90.4         | 92           |
| $Y25G\_100\_100_e$              | 74.5        | -25.0   | 74.3    | 78.4         | 108          |
| $Y50G\_100\_100_e$              | 62.6        | -40.9   | 53.8    | 67.6         | 127          |
| $Y75G\_100\_100_e$              | 54.1        | -55.5   | 37.5    | 67.0         | 145          |
| $G00B\_100\_100_e$              | 50.6        | -62.1   | 19.9    | 65.2         | 162          |
| $G25B\_100\_100_e$              | 53.0        | -48.6   | -8.2    | 49.2         | 189          |
| $G50B\_100\_100_e$              | 55.0        | -36.2   | -27.2   | 45.3         | 216          |
| $G75B\_100\_100_e$              | 53.3        | -19.8   | -41.3   | 45.9         | 244          |
| $B00R\_100\_100_e$              | 40.2        | 1.2     | -40.6   | 40.6         | 271          |
| $B25R\_100\_100_e$              | 28.1        | 23.4    | -40.3   | 46.7         | 300          |
| $B50R\_100\_100_e$              | 31.1        | 47.7    | -29.1   | 55.9         | 328          |
| $B75R\_100\_100_e$              | 41.4        | 70.4    | -9.8    | 71.1         | 352          |



TUB-test chart QE76; hue code:  $H^*_e = G00B_e$   
Test chart according to DIN 33872, 3D=0, de=1, cmy0

input:  $rgb/cmyk \rightarrow rgb_e$   
output: transfer to  $cmy0_e$