

# Input: Colorimetric Natural Reflective System CNS18

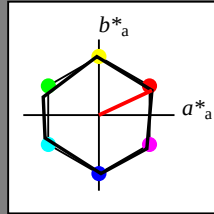
for hue  $h^* = lab^*h = 25/360 = 0.069$

LAB\*LCH, LAB\*NCH

D65: hue R

LCH\*Ma: 57 77 25

olv\*Ma: 1.0 0.0 0.0



## CNS18; adapted (a) CIELAB data

|                    | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------------------|-------------|---------|---------|--------------|--------------|
| RMa                | 56.7        | 70.15   | 32.71   | 77.4         | 25           |
| JMa                | 56.7        | -2.69   | 77.35   | 77.4         | 92           |
| GMa                | 56.7        | -73.6   | 23.92   | 77.4         | 162          |
| G50B <sub>Ma</sub> | 56.7        | -71.24  | -30.23  | 77.4         | 203          |
| B <sub>Ma</sub>    | 56.7        | 2.7     | -77.34  | 77.4         | 272          |
| B50R <sub>Ma</sub> | 56.7        | 63.4    | -44.38  | 77.4         | 325          |
| N <sub>Ma</sub>    | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>    | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>CIE</sub>   | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>CIE</sub>   | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>   | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>   | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

CIELAB lightness  $L^*$

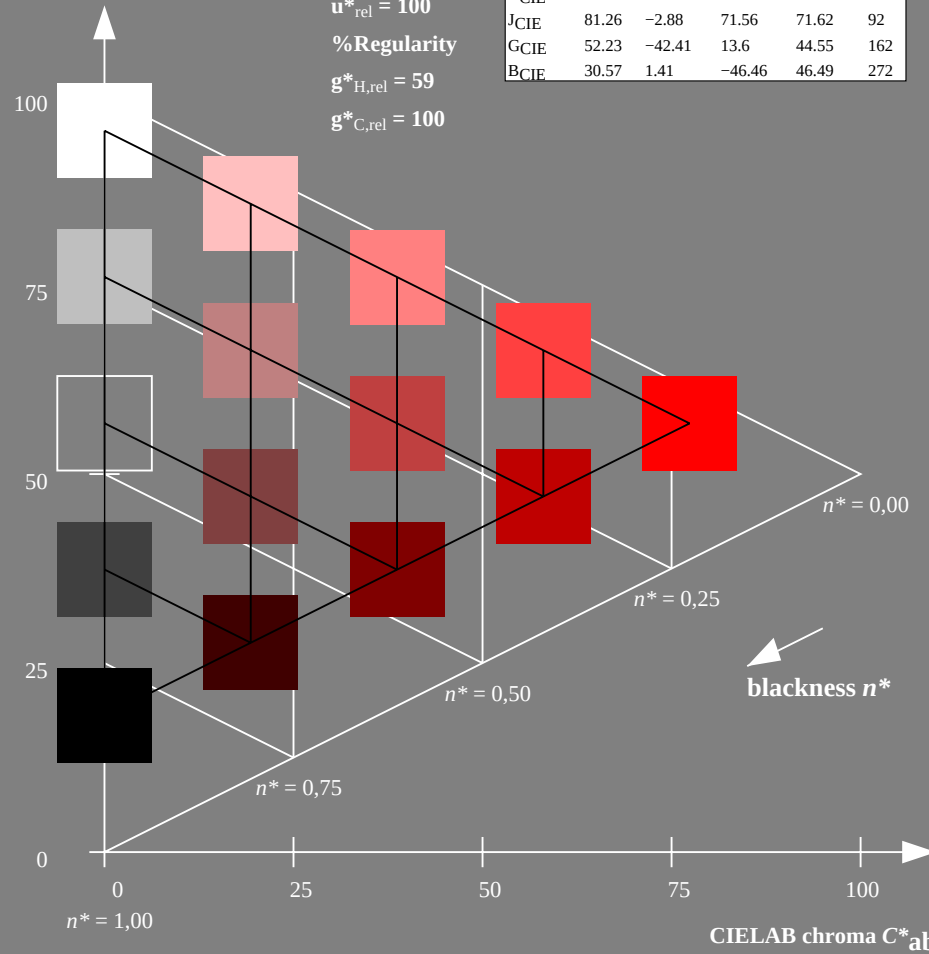
%Gamut

$u^*_{rel} = 100$

%Regularity

$g^*_{H,rel} = 59$

$g^*_{C,rel} = 100$



VE330-7, 5 step scales for constant CIELAB hue 25/360 = 0.069 (left)

# Output: Colorimetric Printer Reflective System FRS06

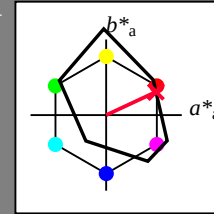
for hue  $h^* = lab^*h = 25/360 = 0.069$

LAB\*LCH, LAB\*NCH

D65: hue R

LCH\*Ma: 33 73 25

olv\*Ma: 1.0 0.0 0.2



## FRS06; adapted (a) CIELAB data

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| OMa              | 32.57       | 62.32   | 46.49   | 77.75        | 37           |
| YMa              | 82.73       | -3.16   | 113.99  | 114.03       | 92           |
| LMa              | 39.43       | -61.79  | 45.84   | 76.95        | 143          |
| CMa              | 47.86       | -26.79  | -34.24  | 43.49        | 232          |
| VMa              | 10.16       | 55.12   | -61.03  | 82.24        | 312          |
| MMa              | 34.5        | 80.68   | -33.92  | 87.52        | 337          |
| N <sub>Ma</sub>  | 6.25        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>  | 91.97       | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>CIE</sub> | 39.92       | 59.8    | 31.05   | 67.38        | 27           |
| J <sub>CIE</sub> | 81.26       | -2.52   | 76.25   | 76.29        | 92           |
| G <sub>CIE</sub> | 52.23       | -41.56  | 17.14   | 44.96        | 158          |
| B <sub>CIE</sub> | 30.57       | 2.63    | -43.77  | 43.86        | 273          |

CIELAB lightness  $L^*$

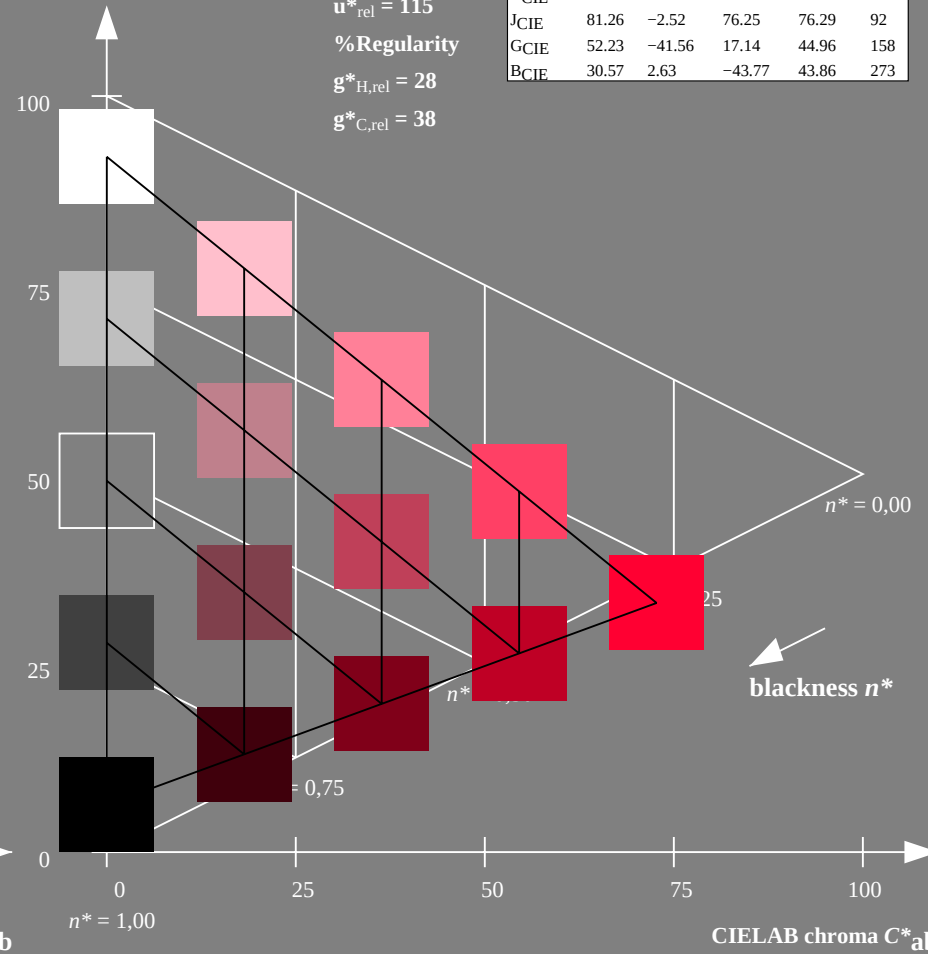
%Gamut

$u^*_{rel} = 115$

%Regularity

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$



5 step scales for constant CIELAB hue 25/360 = 0.069 (right)