

Input: Colorimetric Reflective System MRS18

for hue  $h^* = \text{lab}^*h = 30/360 = 0.083$

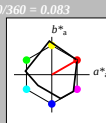
LAB\*LCH, LAB\*NCH

D65: hue R

LCH\*Ma: 50 77 30

olv\*Ma: 1.0 0.0 0.0

CIELAB lightness  $L^*$



%Gamut

$u^*_{\text{rel}} = 91$

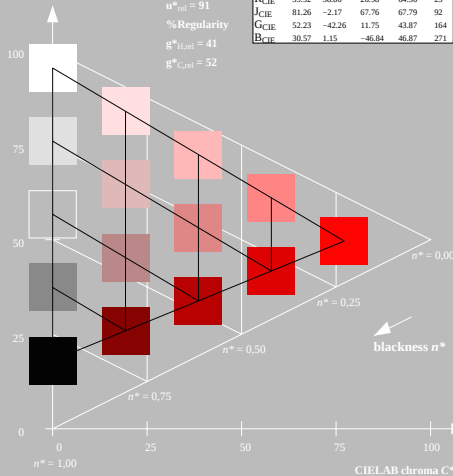
%Regularity

$g^*_{H,\text{rel}} = 41$

$g^*_{C,\text{rel}} = 52$

MRS18; adapted (a) CIELAB data

|                    | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{\text{ab},a}$ | $h^*_{\text{ab},a}$ |
|--------------------|-------------|---------|---------|---------------------|---------------------|
| R <sub>Ma</sub>    | 49.63       | 66.96   | 38.37   | 77.18               | 30                  |
| J <sub>Ma</sub>    | 90.7        | -6.36   | 88.75   | 88.98               | 94                  |
| G <sub>Ma</sub>    | 52.11       | -69.73  | 9.44    | 70.37               | 172                 |
| G50B <sub>Ma</sub> | 45.03       | -36.57  | -28.47  | 46.36               | 218                 |
| B <sub>Ma</sub>    | 36.65       | 23.19   | -63.05  | 67.18               | 290                 |
| B50R <sub>Ma</sub> | 34.94       | 57.17   | -44.26  | 72.31               | 322                 |
| 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       | 58.66   | 26.98   | 64.56               | 25                  |
| J <sub>CIE</sub>   | 81.26       | -2.17   | 67.76   | 67.79               | 92                  |
| G <sub>CIE</sub>   | 52.23       | -42.26  | 11.75   | 43.87               | 164                 |
| B <sub>CIE</sub>   | 30.57       | 1.15    | -46.84  | 46.87               | 271                 |



Output: Colorimetric Reflective System MRS18

for hue  $h^* = \text{lab}^*h = 30/360 = 0.083$

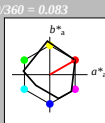
LAB\*LCH, LAB\*NCH

D65: hue R

LCH\*Ma: 50 77 30

olv\*Ma: 1.0 0.0 0.0

CIELAB lightness  $L^*$



%Gamut

$u^*_{\text{rel}} = 91$

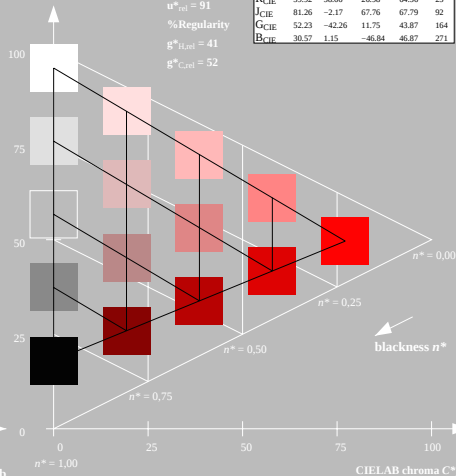
%Regularity

$g^*_{H,\text{rel}} = 41$

$g^*_{C,\text{rel}} = 52$

MRS18; adapted (a) CIELAB data

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|--------------------|-------------|---------|---------|---------------------|---------------------|
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TE340-7, 5 step scales for constant CIELAB hue 30/360 = 0.083 (left)

5 step scales for constant CIELAB hue 30/360 = 0.083 (right)

BAM-test chart TE34; Colorimetric systems MRS18 & MRS18  
D65: Coordinate systems of 5 step colour scales for 10 hues

input: olv\* setrgbcolor  
output: olv\* setrgbcolor / w\* setgray