

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 30/360 = 0.083$
 lab^*tch and lab^*nch

D65: hue O
 LCH*Ma: 57 77 30
 olv*Ma: 1.0 0.0 0.0

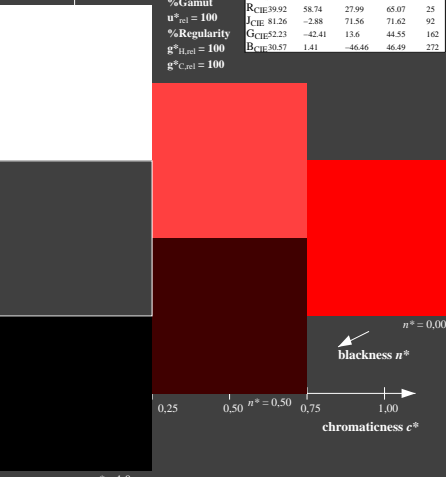
triangle lightness l^*



SRS18; adapted (a) CIELAB data

| L^* | a^* | b^* | $C^*_{ab,a}$ | $h^*_{ab,a}$ | |
|-----------------|-------|--------|--------------|--------------|-----|
| OMa | 56.71 | 67.03 | 38.7 | 77.4 | 30 |
| YMa | 56.71 | 0.0 | 77.4 | 77.4 | 90 |
| LMa | 56.71 | -67.02 | 38.7 | 77.4 | 150 |
| CMa | 56.71 | -67.02 | -38.7 | 77.4 | 210 |
| VMa | 56.71 | 0.0 | -77.39 | 77.4 | 270 |
| MMa | 56.71 | 67.03 | -38.69 | 77.4 | 330 |
| NMa | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.74 | 27.99 | 65.07 | 25 |
| JClE | 81.26 | -2.88 | 71.56 | 71.62 | 92 |
| GCIE | 52.23 | -42.41 | 13.6 | 44.55 | 162 |
| B _{CI} | 30.57 | 1.41 | -46.46 | 46.49 | 272 |

%Gamut
 $u^*_{rel} = 100$
 %Regularity
 $g^*_{C,rel} = 100$



Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 38/360 = 0.105$
 lab^*tch and lab^*nch

D65: hue O
 LCH*Ma: 48 83 38
 olv*Ma: 1.0 0.0 0.0

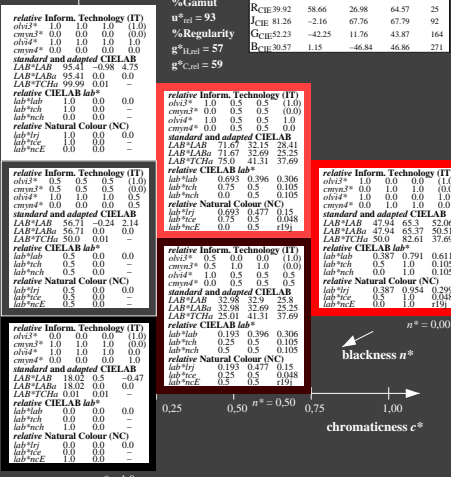
triangle lightness l^*



ORS18; adapted (a) CIELAB data

| L^* | a^* | b^* | $C^*_{ab,a}$ | $h^*_{ab,a}$ | |
|-----------------|-------|--------|--------------|--------------|-----|
| OMa | 47.94 | 65.39 | 50.52 | 82.63 | 38 |
| YMa | 90.37 | -10.26 | 91.75 | 92.32 | 96 |
| LMa | 50.9 | -62.83 | 34.96 | 71.91 | 151 |
| CMa | 58.62 | -30.34 | -45.01 | 54.3 | 236 |
| VMa | 25.72 | 31.1 | -44.4 | 54.22 | 305 |
| MMa | 48.13 | 75.28 | -8.36 | 75.74 | 354 |
| NMa | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| WMa | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| RCIE | 39.92 | 58.66 | 26.98 | 64.57 | 25 |
| JClE | 81.26 | -2.16 | 67.76 | 67.99 | 92 |
| GCIE | 52.23 | -42.25 | 11.76 | 43.87 | 164 |
| B _{CI} | 30.57 | 1.15 | -46.84 | 46.86 | 271 |

%Gamut
 $u^*_{rel} = 93$
 %Regularity
 $g^*_{C,rel} = 57$



See for similar files: <http://www.ps.bam.de/NE07/>
 Technical information: <http://www.ps.bam.de/Version 2.1, io=1.1, CIELAB>

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 application for evaluation and measurement of printer or monitor systems
 NE07: Formel 110 Seite 11, Page 11
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NE07/0-7, 3 step scales for constant CIELAB hue 30/360 = 0.083 (left)

3 step scales for constant CIELAB hue 38/360 = 0.105 (right)

BAM-test chart NE07; Colorimetric systems SRS18 & ORS18

input: $olv^* setrgcolor$

D65: 3 step colour scales and coordinate data for 10 hues

output: $olv^* setrgbcolor / w^* setgray$