

Input: Colorimetric Offset Reflective System ORS18

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

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

triangle lightness



ORS18; adapted (a) CIELAB data

| | $L^* = L^*_a$ | a^*_a | b^*_a | C^*_{ab} | h^*_a |
|------------------|---------------|---------|---------|------------|---------|
| O _{Ma} | 47.94 | 65.39 | 50.52 | 82.63 | 38 |
| Y _{Ma} | 90.37 | -10.26 | 91.75 | 92.32 | 96 |
| L _{Ma} | 50.9 | -62.83 | 34.96 | 71.91 | 151 |
| C _{Ma} | 58.62 | -30.34 | -45.01 | 54.3 | 236 |
| V _{Ma} | 25.72 | 31.1 | -44.4 | 54.22 | 305 |
| M _{Ma} | 48.13 | 75.28 | -8.36 | 75.74 | 354 |
| N _{Ma} | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _{Ma} | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 39.92 | 58.66 | 26.98 | 64.57 | 25 |
| J _{CIE} | 81.26 | -2.16 | 67.76 | 67.79 | 92 |
| G _{CIE} | 52.23 | -42.25 | 11.76 | 43.87 | 164 |
| B _{CIE} | 30.57 | 1.15 | -46.84 | 46.86 | 271 |

%Regularity

$g^*_{Hrel} = 59$

$g^*_{Crel} = 57$

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 40/360 = 0.111$
 lab^*ch and lab^*nch

D65: hue O
 LCH*Ma: 51 100 40
 olv*Ma: 1.0 0.0 0.0

triangle lightness



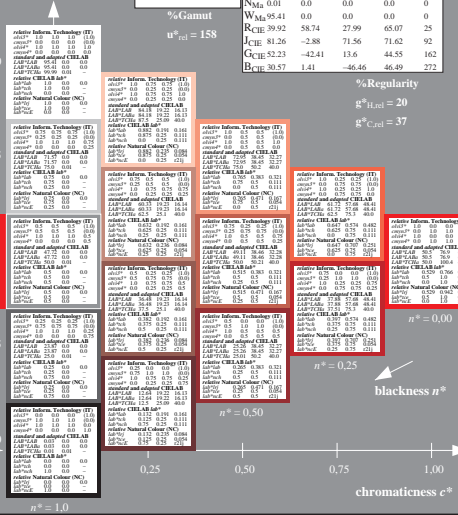
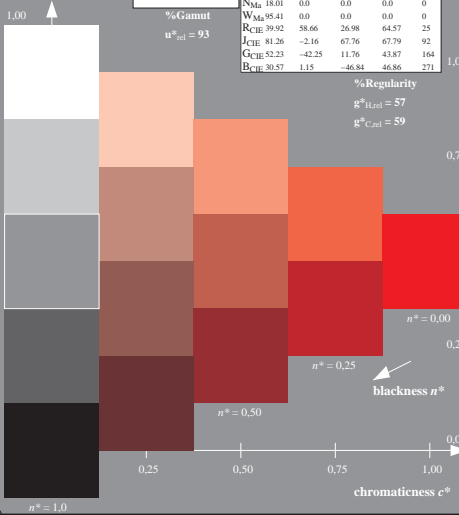
TLS00; adapted (a) CIELAB data

| | $L^* = L^*_a$ | a^*_a | b^*_a | C^*_{ab} | h^*_a |
|------------------|---------------|---------|---------|------------|---------|
| O _{Ma} | 50.5 | 76.92 | 64.55 | 100.42 | 40 |
| Y _{Ma} | 92.66 | -20.69 | 90.75 | 93.08 | 103 |
| L _{Ma} | 83.63 | -82.75 | 79.9 | 115.04 | 136 |
| C _{Ma} | 86.88 | -46.16 | -13.55 | 48.12 | 196 |
| V _{Ma} | 30.39 | 76.06 | -103.59 | 128.52 | 306 |
| M _{Ma} | 57.3 | 94.35 | -58.41 | 110.97 | 328 |
| N _{Ma} | 0.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _{Ma} | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 39.92 | 58.74 | 27.99 | 65.07 | 25 |
| J _{CIE} | 81.26 | -2.88 | 71.56 | 71.62 | 92 |
| G _{CIE} | 52.23 | -42.41 | 13.6 | 44.55 | 162 |
| B _{CIE} | 30.57 | 1.41 | -46.46 | 46.49 | 272 |

%Regularity

$g^*_{Hrel} = 20$

$g^*_{Crel} = 37$



See for similar files: <http://www.ps.bam.de/OE40/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=0.0, CIELAB

BAM registration: 20060101-OE40/L40E00F1.PS/TXT
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=ha4ta
 Page count: 1

OE400-7, 5 step scales for constant CIELAB hue 38/360 = 0.105 (left)

5 step scales for constant CIELAB hue 40/360 = 0.111 (right)

BAM-test chart OE40; Colorimetric systems ORS18 & TLS00

input: *cmY0* setcmykcolor*
 output: *cmY0*/000m* setcmykcolor*

D65: 5 step colour scales and coordinate data for 10 hues