**Input: Colorimetric Television Luminous System TLS70**
for hue *h* = lab*h = 22/360 = 0.061*
*lab*tch* and *lab*nch*

D65: hue O
LCH*Ma: 76 28 22
olv*Ma: 1.0 0.0 0.0

triangle lightness *t**


%Gamut
**u*_rel = 16**

| TLS70; adapted (a) CIELAB data | L*=L*a | a*a | b*a | C*ab,a | h*ab,a |
|---|---|---|---|---|---|
| O_Ma | 76.43 | 26.27 | 10.57 | 28.32 | 22 |
| Y_Ma | 93.93 | −10.76 | 34.63 | 36.27 | 107 |
| L_Ma | 89.32 | −35.8 | 27.64 | 45.24 | 142 |
| C_Ma | 90.93 | −21.95 | −7.07 | 23.07 | 198 |
| V_Ma | 72.1 | 15.76 | −35.63 | 38.97 | 294 |
| M_Ma | 78.5 | 37.52 | −25.23 | 45.22 | 326 |
| N_Ma | 69.7 | 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*_H,rel = 34**
**g*_C,rel = 51**

**Output: Colorimetric Television Luminous System TLS00**
for hue *h* = lab*h = 40/360 = 0.111*
*lab*tch* and *lab*nch*

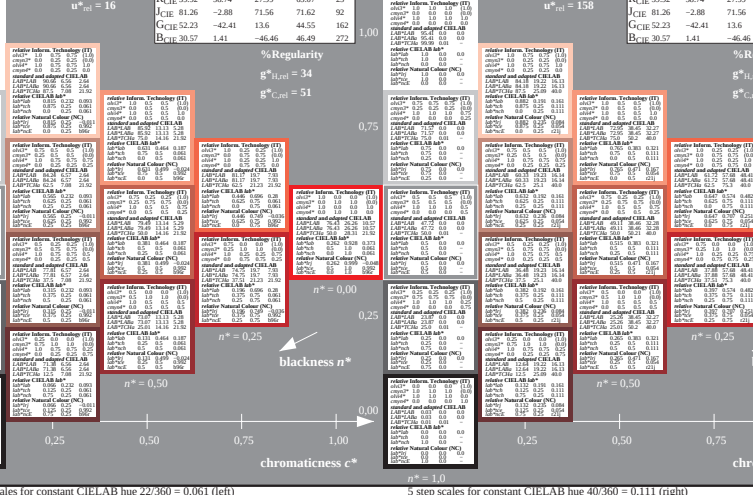
D65: hue O
LCH*Ma: 51 100 40
olv*Ma: 1.0 0.0 0.0

triangle lightness *t**


%Gamut
**u*_rel = 158**

| TLS00; adapted (a) CIELAB data | L*=L*a | a*a | b*a | C*ab,a | h*ab,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*_H,rel = 20**
**g*_C,rel = 37**




OE580–7, 5 step scales for constant CIELAB hue 22/360 = 0.061 (left)
5 step scales for constant CIELAB hue 40/360 = 0.111 (right)

BAM-test chart OE58; Colorimetric systems TLS70 & TLS00
D65: 2 coordinate data of 5 step colour scales for 10 hues

input: *cmy0* setcmykcolor*
output: *cmy0* / 000n* setcmykcolor*