

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = \text{lab}^*h = 40/360 = 0.111$

lab^*tch and lab^*nch

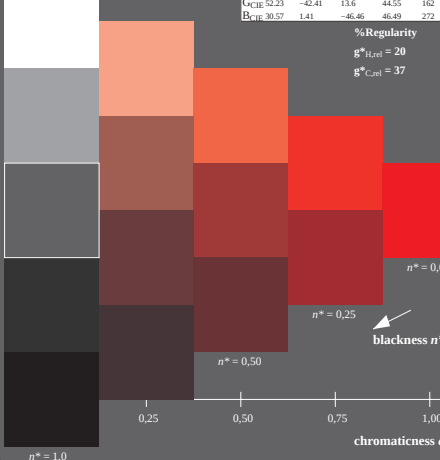
D65: hue O
LCH*Ma: 51 100 40
olv*Ma: 1.0 0.0 0.0

triangle lightness

1.00

%Gamut

$u^*_{rel} = 158$



%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

0.75

0.25

0.00

0.25

0.50

0.75

1.00

chromaticity c^*

blackness n^*

Output: Colorimetric Television Luminous System TLS70

for hue $h^* = \text{lab}^*h = 22/360 = 0.061$

lab^*tch and lab^*nch

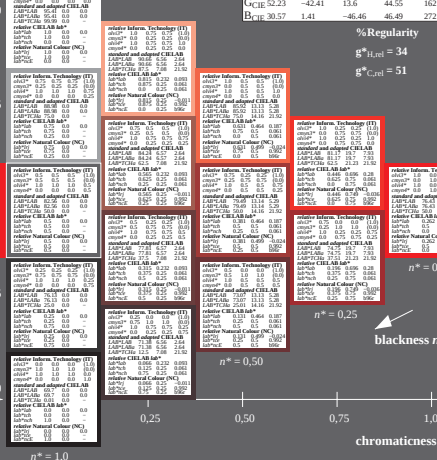
D65: hue O
LCH*Ma: 76 28 22
olv*Ma: 1.0 0.0 0.0

triangle lightness

1.00

%Gamut

$u^*_{rel} = 16$



%Regularity

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

0.75

0.25

0.00

0.25

0.50

0.75

1.00

chromaticity c^*

blackness n^*

OE430-7, 5 step scales for constant CIE LAB hue 40/360 = 0.111 (left)

5 step scales for constant CIE LAB hue 22/360 = 0.061 (right)

BAM-test chart OE43; Colorimetric systems TLS00 & TLS70

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

input: $\text{cmy0}^* \text{setcmykcolor}$

output: $\text{cmy0}^* / 000n^* \text{setcmykcolor}$