

Input: Colorimetric Television Luminous System TLS70

for hue $h^* = lab^*h = 22/360 = 0.061$

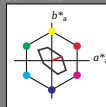
lab^*ch and lab^*nch

D65: hue O

LCH*Ma: 76 28 22

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 16$

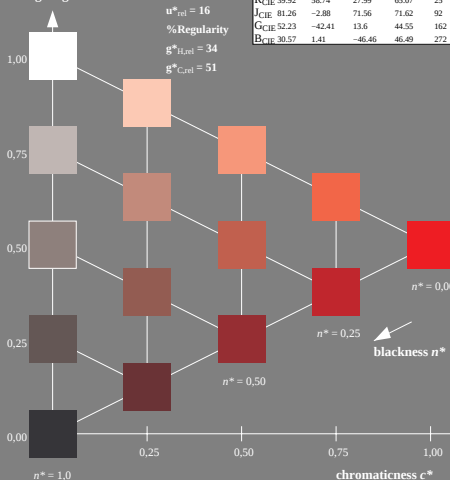
%Regularity

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

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

TLS70; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	76.43	26.27	10.57	28.32	22
Y_m	93.93	-10.76	34.63	36.27	107
L_m	89.32	-35.8	27.64	45.24	142
C_m	90.93	-21.95	-7.07	23.07	198
V_m	72.1	15.76	-35.63	38.97	294
M_m	78.5	37.52	-25.23	45.22	326
N_m	69.7	0.0	0.0	0.0	0
W_m	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



OE290-7, 5 step scales for constant CIELAB hue 22/360 = 0.061 (left)

BAM-test chart OE29; Colorimetric systems TLS70 & TLS70
D65: Coordinate systems of 5 step colour scales for 10 hues

Output: Colorimetric Television Luminous System TLS70

for hue $h^* = lab^*h = 22/360 = 0.061$

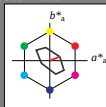
LAB^*LCH , LAB^*NCH

D65: hue O

LCH*Ma: 76 28 22

olv*Ma: 1.0 0.0 0.0

CIELAB lightness L^*



%Gamut

$u^*_{rel} = 16$

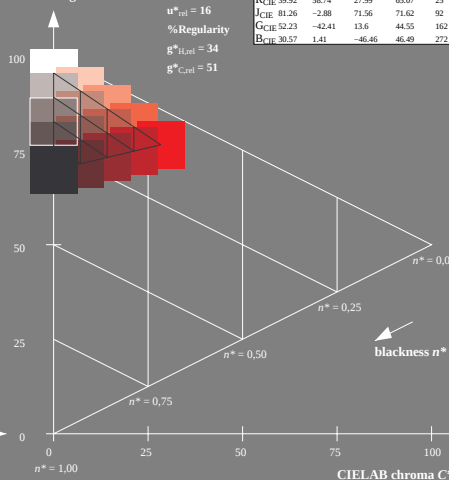
%Regularity

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TLS70; adapted (a) CIELAB data

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B_{CIE}	30.57	1.41	-46.46	46.49	272



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

input: cmy0* setcmycolor
output: no change compared to input