

Input: Colorimetric Television Luminous System TLS70

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

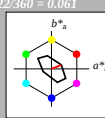
lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 76 28 22

olw*Ma: 1.0 0.0 0.0

triangle lightness



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	-35.87	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	
G _{CIE}	81.26	-2.88	71.56	71.62	92	
B _{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 $h^* = \text{lab}^*h = 40/360 = 0.111$

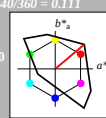
lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 51 100 40

olw*Ma: 1.0 0.0 0.0

triangle lightness

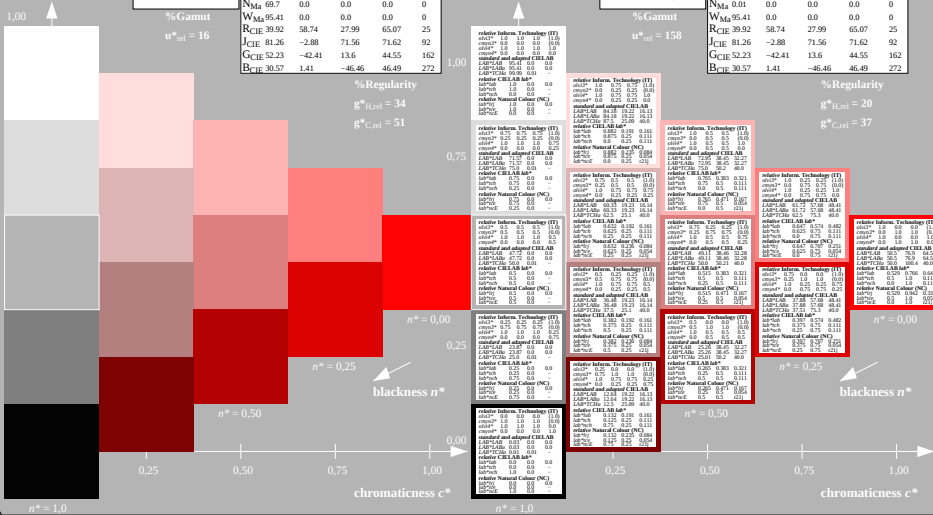


TLS00; adapted (a) CIELAB data						
$L^* = L^*_{a^*}$	$a^*_{a^*}$	$b^*_{a^*}$	$C^*_{ab,a}$	$h^*_{ab,a}$		
O _{Ma}	50.5	76.92	64.55	100.42	40	
Y _{Ma}	92.66	-20.69	90.75	93.08	103	
L _{Ma}	83.63	-82.75	79.9	115.04	136	
C _{Ma}	86.88	-46.16	-13.55	48.12	196	
V _{Ma}	30.39	76.06	-103.59	128.52	306	
M _{Ma}	57.3	94.35	-58.41	110.97	328	
N _{Ma}	0.1	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	
G _{CIE}	81.26	-2.88	71.56	71.62	92	
B _{CIE}	52.23	-42.41	13.6	44.55	162	
B _{CIE}	30.57	1.41	-46.46	46.49	272	

%Regularity

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

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



NE480-7, 5 step scales for constant CIELAB hue 22/360 = 0.061 (left)

BAM-test chart NE48; Colorimetric systems TLS70 & TLS00

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

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

input: `olw* setrgbcolor`

output: `olw* setrgbcolor / w* setgray`