

Input: Colorimetric Offset Reflective System ORS18

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

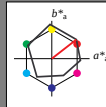
lab^*ch and lab^*nch

D65: hue O

LCH*Ma: 48 82 38

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 94$

%Regularity

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.05	50.54	82.38	38
Y_m	91.0	-4.72	90.58	90.7	93
L_m	50.9	-63.18	34.98	72.22	151
C_m	56.99	-39.34	-48.1	62.16	231
V_m	25.72	30.89	-44.4	54.09	305
M_m	49.99	75.76	-4.64	75.9	356
N_m	18.09	0.0	0.0	0.0	0
W_m	95.46	0.0	0.0	0.0	0
R_{CIE}	41.88	61.66	30.69	68.88	26
J_{CIE}	81.97	2.02	67.79	67.82	88
G_{CIE}	51.62	-41.32	9.74	42.46	167
B_{CIE}	29.2	-5.79	-49.61	49.96	263

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 38/360 = 0.107$

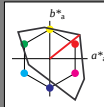
LAB^*LCH , LAB^*NCH

D65: hue O

LCH*Ma: 54 101 38

olv*Ma: 1.0 0.0 0.0

CIELAB lightness L^*



%Gamut

$u^*_{rel} = 156$

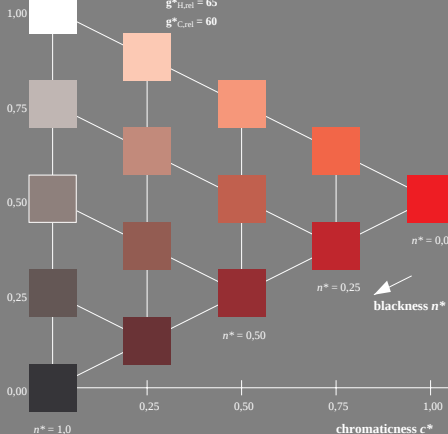
%Regularity

$g^*_{H,rel} = 26$

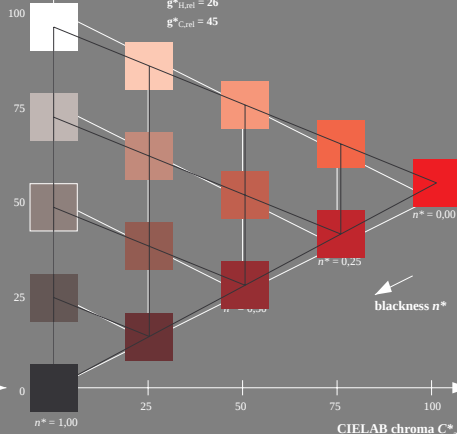
$g^*_{C,rel} = 45$

TLS00; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	54.19	79.36	63.0	101.33	38
Y_m	93.44	-14.18	82.59	83.8	100
L_m	82.82	-83.73	70.41	109.41	140
C_m	85.22	-55.9	-15.78	58.1	196
V_m	25.61	67.05	-108.87	127.87	302
M_m	58.76	91.18	-53.69	105.82	330
N_m	0.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	41.88	62.0	31.82	69.69	27
J_{CIE}	81.97	1.81	71.59	71.61	89
G_{CIE}	51.62	-41.11	11.52	42.7	164
B_{CIE}	29.2	-5.27	-49.33	49.62	264



QE200-7, 5 step scales for constant CIELAB hue 38/360 = 0.105 (left)



5 step scales for constant CIELAB hue 38/360 = 0.107 (right)

BAM-test chart QE20; Colorimetric systems ORS18 & TLS00

D50: Coordinate systems of 5 step colour scales for 10 hues

input: $cmy0^*setcmycolor$

output: no change compared to input