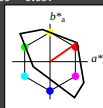


Input: Colorimetric Television Luminous System TLS18

for hue $h^* = lab^*h = 35/360 = 0.097$
 lab^*ch and lab^*nch

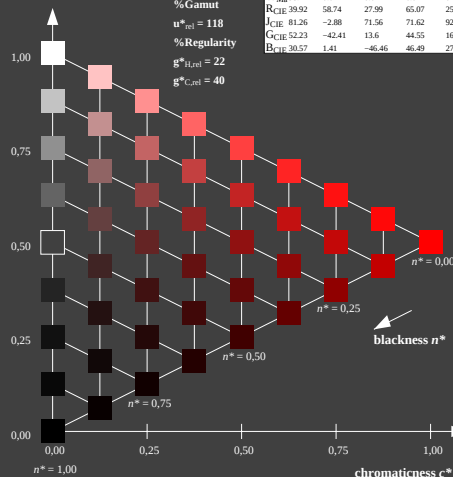
D65: hue O
LCH*Ma: 53 87 35
olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



	$L^*=L_a^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{M_2}	52.76	71.63	49.88	87.29	35
Y_{M_2}	92.74	-20.02	84.97	87.3	103
L_{M_2}	84.0	-78.98	73.94	108.2	137
C_{M_2}	87.14	-44.41	-13.11	46.32	196
V_{M_2}	35.47	64.92	-95.06	115.12	304
M_{M_2}	59.01	89.33	-55.67	105.26	328
N_{M_2}	18.01	0.0	0.0	0.0	0
W_{M_2}	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

%Gamut
 $u^*_{rel} = 118$
%Regularity
 $g^*_{H,rel} = 22$
 $g^*_{C,rel} = 40$



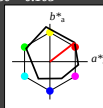
NE760-7, 9 step scales for constant CIELAB hue $35/360 = 0.097$ (left)

Output: Colorimetric Offset Reflective System ORS18

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

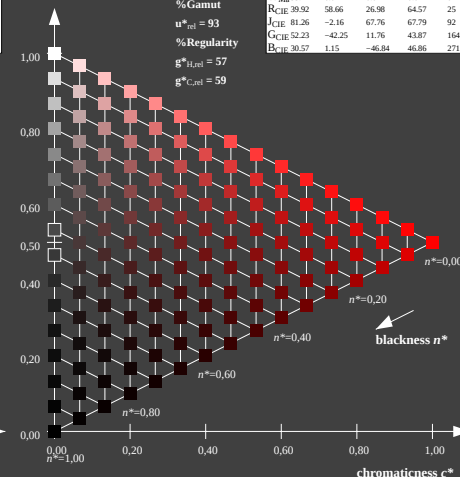
D65: hue O
LCH*Ma: 48 83 38
olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



	$L^* = L_a^*$	a^*	b^*	$C_{ab,a}^*$	$h_{ab,a}^*$
O_{M_2}	47.94	65.39	50.52	82.63	38
Y_{M_2}	90.37	-10.26	91.75	92.32	96
L_{M_2}	50.9	-62.83	34.96	71.91	151
C_{M_2}	58.62	-30.34	-45.01	54.3	236
V_{M_2}	25.72	31.1	-44.4	54.22	305
M_{M_2}	48.13	75.28	-8.36	75.74	354
N_{M_2}	18.01	0.0	0.0	0.0	0
W_{M_2}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	-2.16	67.76	67.79	92
G_{CIE}	52.23	-42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	-46.84	46.86	271

%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$



16 step scales for constant CIELAB hue $38/360 = 0.105$ (right)

BAM-test chart NE76; Colorimetric systems TLS18 & ORS18
D65: 9 and 16 step colour scales for 10 hues

input: $olv^*setrgbcolor$
output: $olv^*setrgbcolor / w^*setgray$