

Input: Colorimetric Television Luminous System TLS18

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

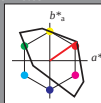
lab^*ch and lab^*nch

D65: hue O

LCH*Ma: 53 87 35

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 118$

%Regularity

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{M45} 52.76	71.63	49.88	87.29	35
Y_{M45} 92.74	-20.02	84.97	87.3	103
L_{M45} 84.0	-78.98	73.94	108.2	137
C_{M45} 87.14	-44.41	-13.11	46.32	196
V_{M45} 35.47	64.92	-95.06	115.12	304
M_{M45} 59.01	89.33	-55.67	105.26	328
N_{M45} 18.01	0.0	0.0	0.0	0
W_{M45} 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

Output: Colorimetric Offset Reflective System ORS18

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

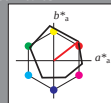
lab^*ch and lab^*nch

D65: hue O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

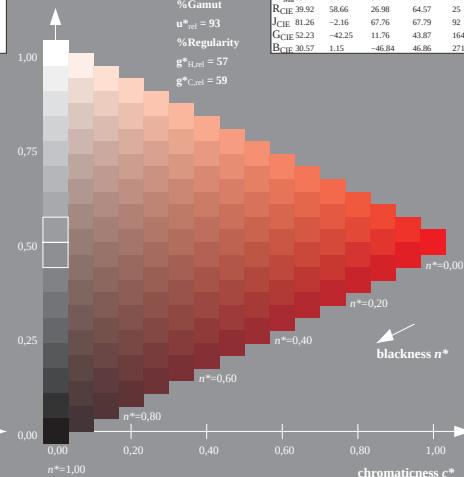
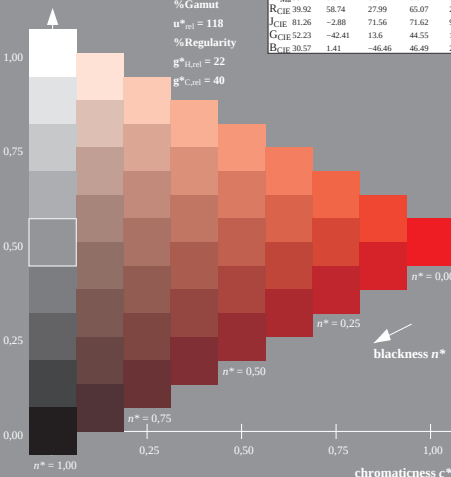
%Regularity

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

ORS18; adapted (a) CIELAB data

$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{M45} 47.94	65.39	50.52	82.63	38
Y_{M45} 90.37	-10.26	91.75	92.32	96
L_{M45} 50.9	-62.83	34.96	71.91	151
C_{M45} 58.62	-30.34	-45.01	54.3	236
V_{M45} 25.72	31.1	-44.4	54.22	305
M_{M45} 48.13	75.28	-8.36	75.74	354
N_{M45} 18.01	0.0	0.0	0.0	0
W_{M45} 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



OE960-7, 9 step scales for constant CIELAB hue 35/360 = 0.097 (left)

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

BAM-test chart OE96; Colorimetric systems TLS18 & ORS18
D65: 9 and 16 step colour scales for 10 hues

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