

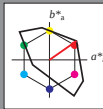
Input: Colorimetric Television Luminous System TLS18

for hue $h^* = \text{lab}^*h = 35/360 = 0.097$

lab^*tch and lab^*nch

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

triangle lightness



1.00

%Gamut

$u^*_{rel} = 118$

TLS18; adapted (a) CIELAB data					
$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}	
O _{Ma} 52.76	71.63	49.88	87.29	35	
Y _{Ma} 92.74	-20.02	84.97	87.3	103	
L _{Ma} 84.0	-78.98	73.94	108.2	137	
C _{Ma} 87.14	-44.41	-13.11	46.32	196	
V _{Ma} 35.47	64.92	-95.06	115.12	304	
M _{Ma} 59.01	89.33	-55.67	105.26	328	
N _{Ma} 18.01	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

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

$g^*_{C,rel} = 44$

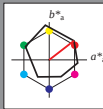
Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = \text{lab}^*h = 38/360 = 0.105$

lab^*tch and lab^*nch

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

triangle lightness



%Gamut

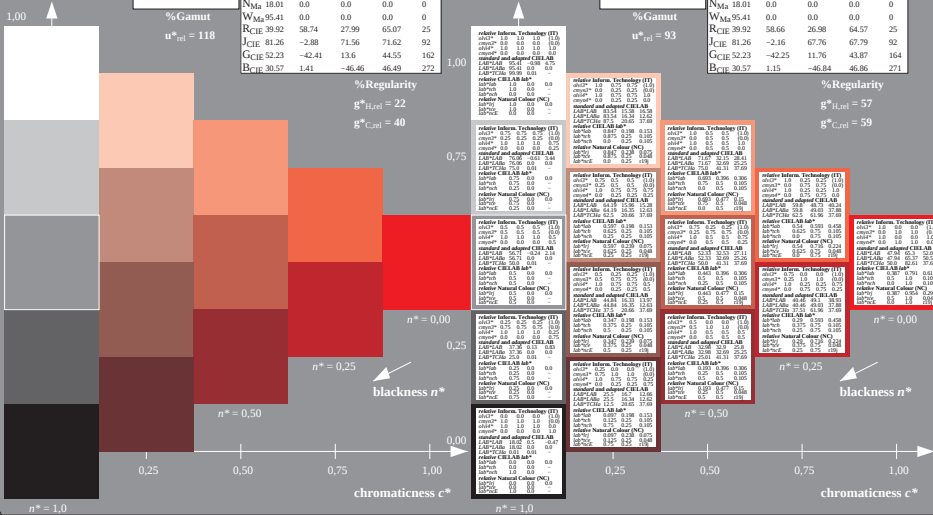
$u^*_{rel} = 93$

ORS18; adapted (a) CIELAB data					
$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}	
O _{Ma} 47.94	65.39	50.52	82.63	38	
Y _{Ma} 90.37	-10.26	91.75	92.32	96	
L _{Ma} 50.9	-62.83	34.96	71.91	151	
C _{Ma} 58.62	-30.34	-45.01	54.3	236	
V _{Ma} 25.72	31.1	-44.4	54.22	305	
M _{Ma} 48.13	75.28	-8.36	75.74	354	
N _{Ma} 18.01	0.0	0.0	0.0	0	
W _{Ma} 95.41	0.0	0.0	0.0	0	
R _{CIE} 39.92	58.66	26.98	64.57	25	
G _{CIE} 81.26	-2.16	67.76	67.79	92	
B _{CIE} 52.23	-42.25	11.76	43.87	164	
B _{CIE} 30.57	1.15	-46.84	46.86	271	

%Regularity

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

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



OE460-7, 5 step scales for constant CIELAB hue 35/360 = 0.097 (left)

BAM-test chart OE46; Colorimetric systems TLS18 & ORS18

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

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

input: $\text{cmy}0^* \text{ setcmykcolor}$

output: $\text{cmy}0^* / 000n^* \text{ setcmykcolor}$