

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 40/360 = 0.111$

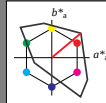
LAB^*LCH, LAB^*NCH

D65: hue O

$LCH^*Ma: 51 \ 100 \ 40$

$olv^*Ma: 1.0 \ 0.0 \ 0.0$

CIELAB lightness L^*



%Gamut

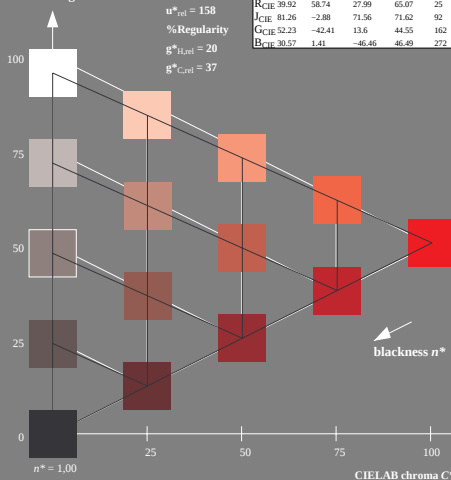
$u^*_{rel} = 158$

%Regularity

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

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

TLS00; adapted (a) CIELAB data					
$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{M4} 50.5	76.92	64.55	100.42	40	
Y _{M4} 92.66	-20.69	90.75	93.08	103	
L _{M4} 83.63	-82.75	79.9	115.04	136	
C _{M4} 86.88	-46.16	-13.55	48.12	196	
V _{M4} 30.39	76.06	-103.59	128.52	306	
M _{M4} 57.3	94.35	-58.41	110.97	328	
N _{M4} 0.01	0.0	0.0	0.0	0	
W _{M4} 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	



OE350-7, 5 step scales for constant CIELAB hue 40/360 = 0.111 (left)

Output: Colorimetric Offset Reflective System ORS18

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

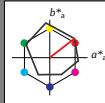
LAB^*LCH, LAB^*NCH

D65: hue O

$LCH^*Ma: 48 \ 83 \ 38$

$olv^*Ma: 1.0 \ 0.0 \ 0.0$

CIELAB lightness L^*



%Gamut

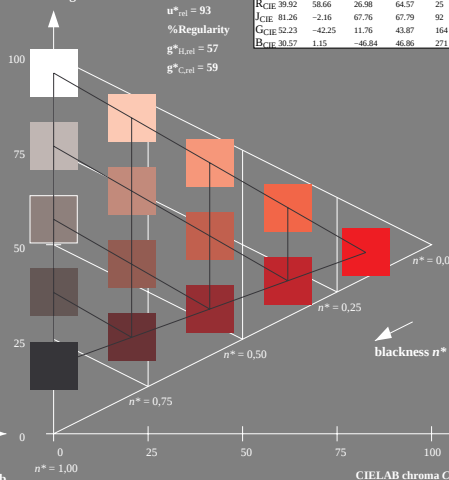
$u^*_{rel} = 93$

%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 _{M4} 47.94	65.39	50.52	82.63	38	
Y _{M4} 90.37	-10.26	91.75	92.32	96	
L _{M4} 50.9	-62.83	34.96	71.91	151	
C _{M4} 58.62	-30.34	-45.01	54.3	236	
V _{M4} 25.72	31.1	-44.4	54.22	305	
M _{M4} 48.13	75.28	-8.36	75.74	354	
N _{M4} 18.01	0.0	0.0	0.0	0	
W _{M4} 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	



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

BAM-test chart OE35; Colorimetric systems TLS00 & ORS18
 D65: Coordinate systems of 5 step colour scales for 10 hues

input: $cmv0^* setcmykcolor$
 output: no change compared to input