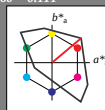


Input: Colorimetric Television Luminous System TLS00

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

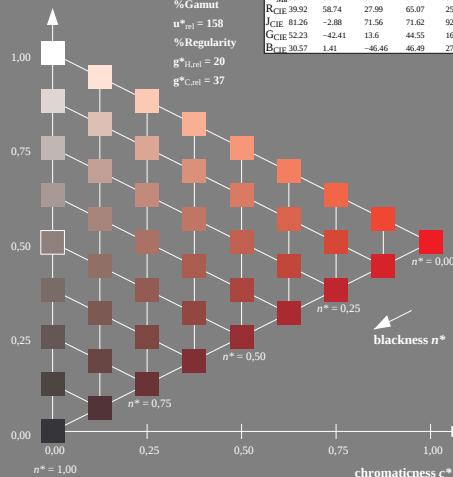
D65: hue O
LCH*Ma: 51 100 40
olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



TLS00; adapted (a) CIELAB data				
$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma} 50.5	76.92	64.55	100.42	40
Y _{Ma} 92.66	-20.69	90.75	93.08	103
L _{Ma} 83.63	-82.75	79.9	115.04	136
C _{Ma} 86.88	-46.16	-13.55	48.12	196
V _{Ma} 30.39	76.06	-103.59	128.52	306
M _{Ma} 57.3	94.35	-58.41	110.97	328
N _{Ma} 0.01	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
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
 $u^*_{rel} = 158$
%Regularity
 $g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$



OE740-7, 9 step scales for constant CIELAB hue 40/360 = 0.111 (left)

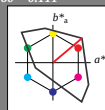
BAM-test chart OE74; Colorimetric systems TLS00 & TLS00
D65: 9 and 16 step colour scales for 10 hues

Output: Colorimetric Television Luminous System TLS00

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

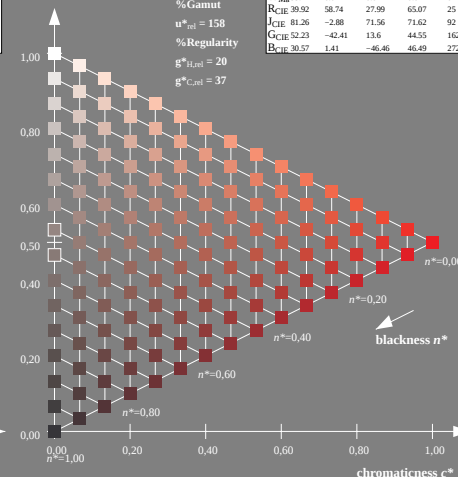
D65: hue O
LCH*Ma: 51 100 40
olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



TLS00; adapted (a) CIELAB data				
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N _{Ma} 0.01	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
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
 $u^*_{rel} = 158$
%Regularity
 $g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$



16 step scales for constant CIELAB hue 40/360 = 0.111 (right)

input: cmy0* setcmykcolor
output: no change compared to input