

Input: Colorimetric Television Luminous System TLS00a

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

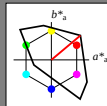
lab^*ch and lab^*nh

D65: hue O

LCH*Ma: 51 100 40

oly*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 158$

%Regularity

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

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

TLS00a; 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	

Output: Colorimetric Television Luminous System TLS00a

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

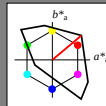
lab^*ch and lab^*nh

D65: hue O

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oly*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

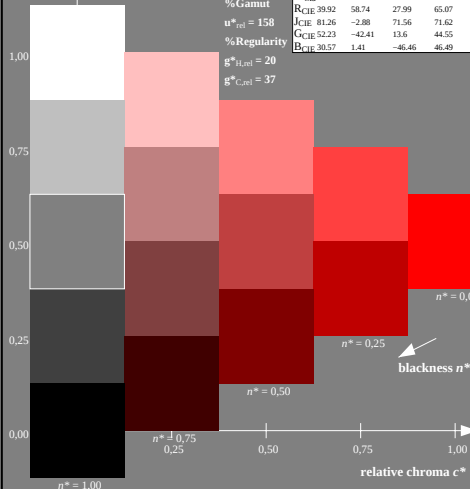
$u^*_{rel} = 158$

%Regularity

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

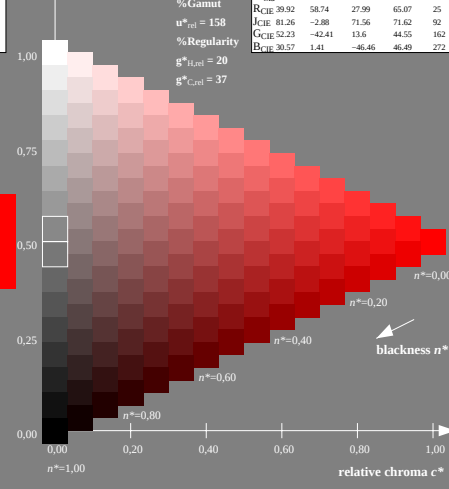
$g^*_{C,rel} = 37$

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OE820-7N-030-0: 5 step scales for constant CIELAB hue 40/360 = 0.111 (left)

OE82: Test chart 1 according to DIN 33872-2, Hue O; DH
Discrimination of 5 and 16 step colour scales



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

input: $rgb \rightarrow rgb^*_d$ setrgcolor
output 030-0: no change