

See similar ISO test charts: <http://www.ps.barn.de/24705TE>, <http://www.ps.barn.de/9241E>
 Technical information: <http://www.ps.barn.de/33872E> Version 2.1, io=1,1

TUB registration: 20110801-OE73/OE73L4NA.TXT/.PS TUB material: code=rha4ta
- application for output of displays: monitor systems or data projector systems

Input: Colorimetric Television Luminous System TLS00a

for hue $h^* = lab^*h = 196/360 = 0.545$

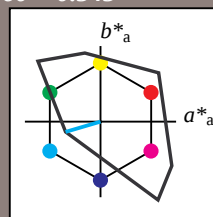
lab*tch and lab*nch

D65: hue C

LCH*Ma: 87 48 196

olv*Ma: 0.0 1.0 1.0

triangle lightness t^*



%Gamut

$$u_{rel}^* = 15$$

%Regularity

$$g^*_{H_{rel}} = 2$$
$$g^*_{C_{rel}} = 3$$

TLS00a; adapted (a) CIELAB data					
	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

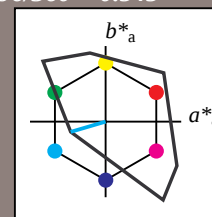
for hue $h^* = lab^*h = 196/360 = 0.545$

lab*tch and lab*nch

D65: hue C

LCH*Ma: 87 48 196

olv*Ma: 0.0 1.0 1.0

triangle lightness t^* 

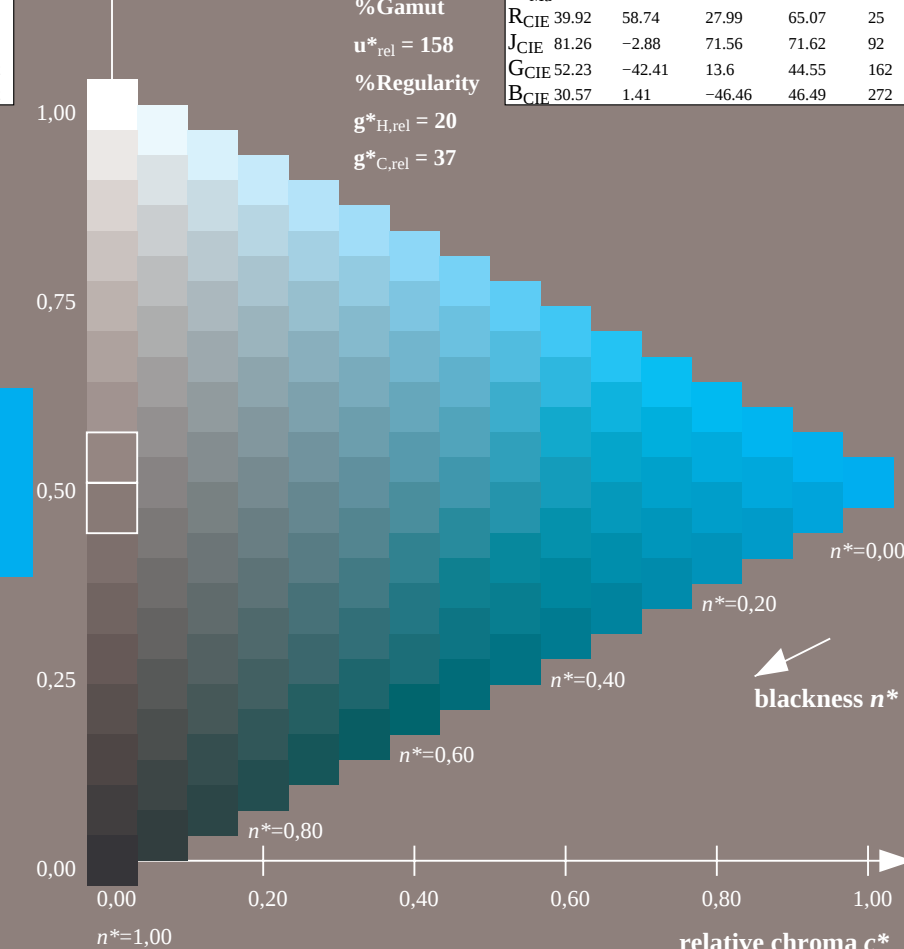
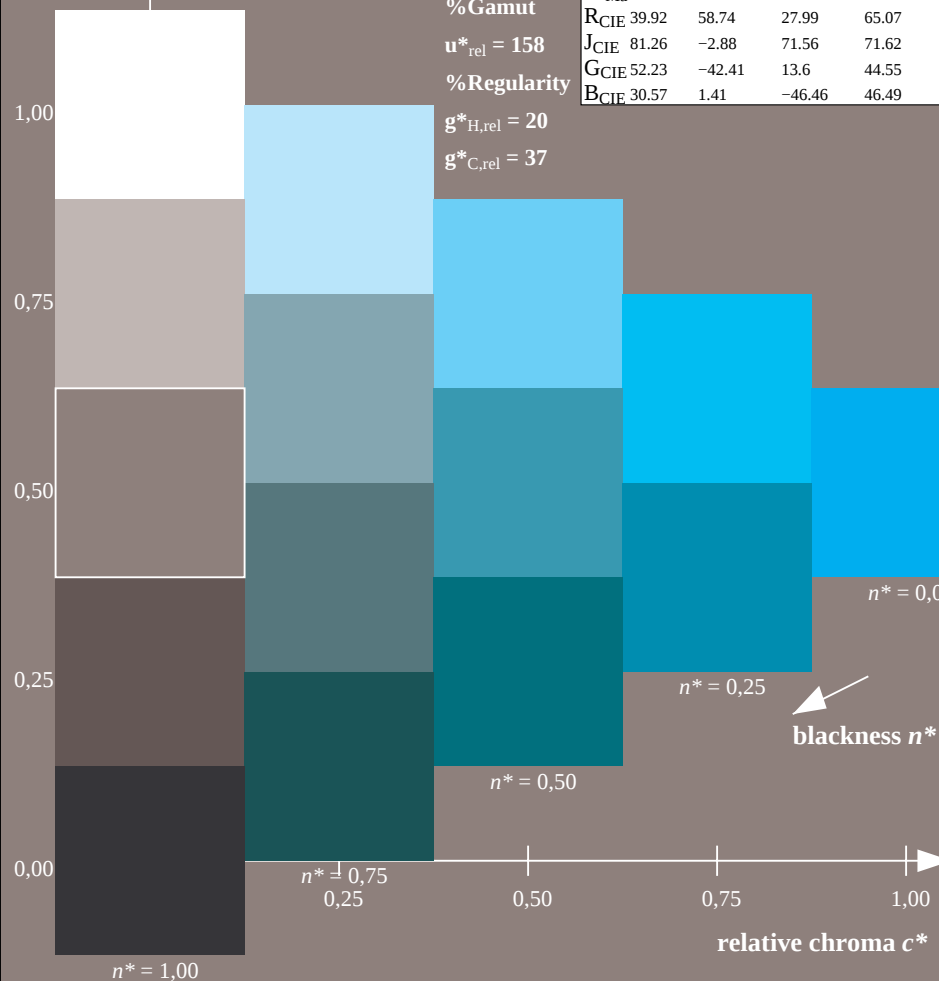
%Gamut

$$u_{\text{rel}}^* = 15$$

%Regularity

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

TL S00a; adapted (a) CIELAB data					
	L^*_{*a}	a^*_{*a}	b^*_{*a}	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
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OE730-7N-020-3: 5 step scales for constant CIELAB hue 196/360 = 0.545 (left)

16 step scales for constant CIELAB hue 196/360 = 0.545 (right)

OE73: Test chart 2 according to DIN 33872-2, Hue C; DH
Discrimination of 5 and 16 step colour scales

input: *cmy0* ($\rightarrow cmy0^*_d$) *setcmyk*
output 020-3: no change