

ic Television Luminous System TLS00a

for hue $h^* = lab^*h = 92/360 = 0.256$

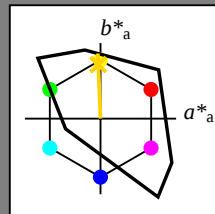
lab*tch* and *lab*nch

D65: hue J

LCH*Ma: 85 86 92

olv*Ma: 1.0 0.82 0.0

triangle lightness t^*



%Gamut

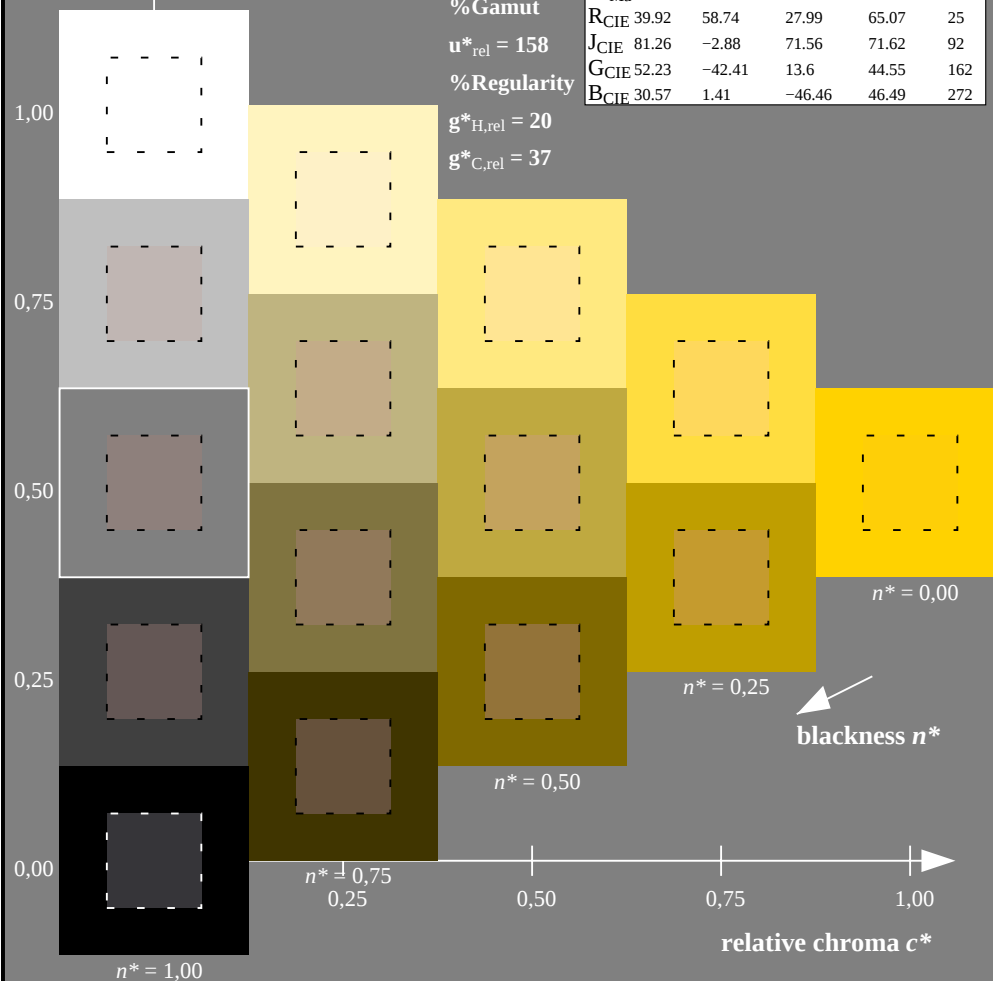
$$\mathbf{u}_{\text{rel}}^* = 15$$

%Regularity

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

100

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



OE750-7N-030-7: 5 step scales for constant CIELAB hue 92/360 = 0.256 (left)

OE75: Test chart 1 according to DIN 33872-4, Hue J; DEH
Equality for two colour definitions

Output: Colorimetric Television Luminous System TLS00a

for hue $h^* = lab^*h = 92/360 = 0.256$

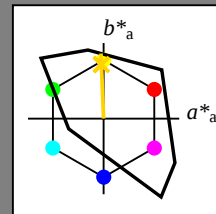
lab*tch* and *lab*nch

D65: hue J

LCH*Ma: 85 86 92

olv*Ma: 1.0 0.82 0.0

triangle lightness t^*



%Gamut

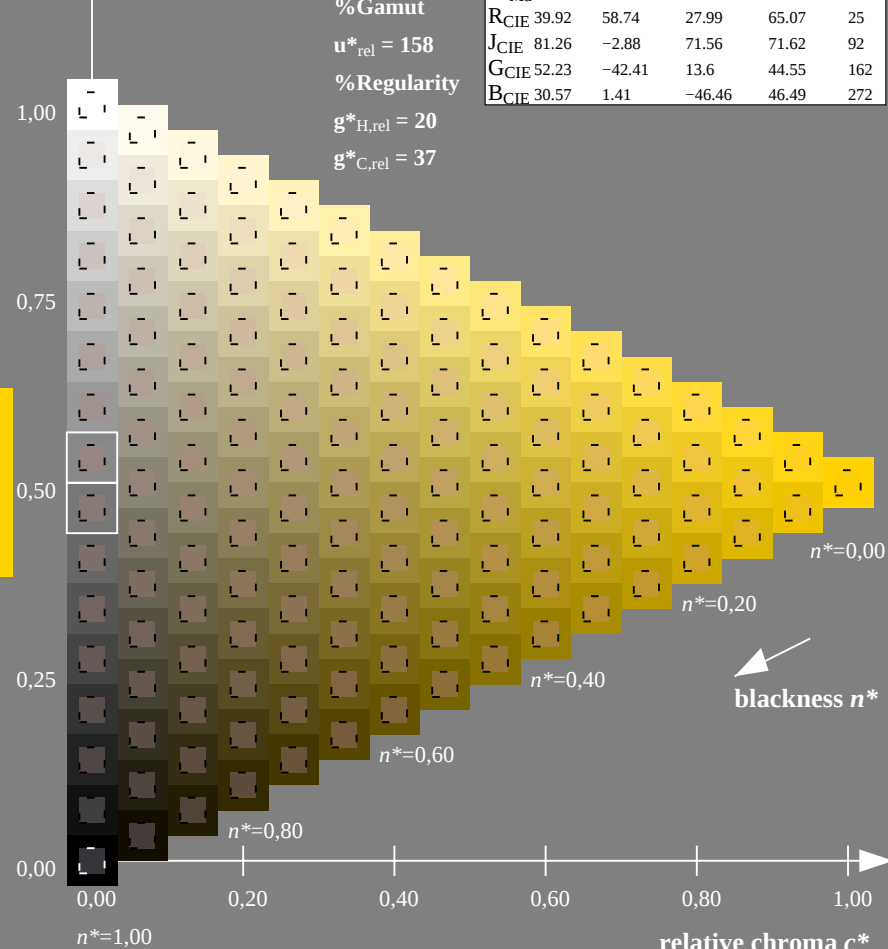
$$\mathbf{u}_{\text{rel}}^* = \mathbf{15}$$

%Regularity

$$\mathbf{g}_{\text{H rel}}^* =$$
$$\mathbf{g}_{C_{rel}}^* =$$

10

TLS00a; adapted (a) CIELAB data					
	L^*_{Ma}	a^*_{Ma}	b^*_{Ma}	$C^*_{ab,a}$	$h^*_{ab,a}$
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
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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	277



16 step scales for constant CIELAB hue 92/360 = 0.256 (right)

input: *cmy0-center, rgb-backgr.de*
output 030-7: no change

TUB registration: 20110801-OE75/OE75L8NP.PDF / PS application for output of displays: monitor systems or data

TUB material: code=rh4ta