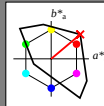


Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.111$

data for any colour:
 lab^*tch^* and lab^*ncu^*
device and elementary
hue text:

$d^* = o00y$ $u^* = r22j$

triangle lightness t^*



TLS00a; adapted (a) CIELAB data					
Name	L^*	a^*	b^*	C^*	h^*
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.68	90.75	93.08	103
L _{Ma}	83.62	-82.74	79.9	115.02	136
C _{Ma}	86.88	-46.15	-13.54	48.1	196
V _{Ma}	30.39	76.06	-103.6	128.52	306
M _{Ma}	57.31	94.35	-58.4	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*\text{Ma}$: 51 77 65

$\text{LAB}^*\text{LCH}^*\text{Ma}$: 51 100 40

$\text{lab}^*\text{olv}^*\text{Ma}$: 1.0 0.0 0.0

$\text{lab}^*\text{rgb}^*\text{Ma}$: 1.0 0.22 0.0

triangle lightness t^*

%Gamut

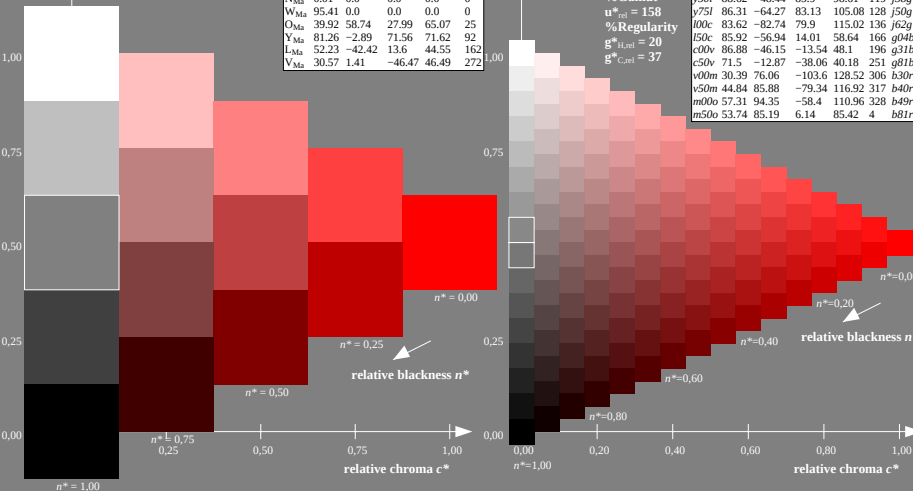
$u^*_{\text{rel}} = 158$

%Regularity

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

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

TLS00a; adapted (a) CIELAB data					
d^*	L^*	a^*	b^*	C^*	h^*
$o00y$	50.5	76.91	64.55	100.41	40
$o25y$	62.51	49.1	72.02	87.16	56
$o50y$	72.38	26.27	78.15	82.44	71
$o75y$	81.91	4.22	84.07	84.17	87
$y00l$	92.66	-20.68	90.75	93.08	103
$y25l$	90.7	-34.16	88.39	94.76	111
$y50l$	88.62	-48.44	85.9	98.61	119
$y75l$	86.31	-64.27	83.13	105.08	128
$l00c$	83.62	-82.74	79.9	115.02	136
$l50c$	85.92	-56.94	14.01	58.64	166
$c00v$	86.88	-46.15	-13.54	48.1	196
$c50v$	71.5	-12.87	-38.06	40.18	251
$v00m$	30.39	76.06	-103.6	128.52	306
$v50m$	44.84	85.88	-79.34	116.92	317
$m00o$	57.31	94.35	-58.4	110.96	328
$m50o$	53.74	85.19	6.14	85.42	4



IE540-7N

TUB-test chart IE54; Colorimetric systems, Page 1/16
Hue plane and data table for 16 hues $o00y$ to $m75o$

input: $\text{rgb}^* (-> \text{olv}^*) \text{setrgbcolor}$
output: no change compared to input