

Input and output: Colorimetric Television Luminous System TLS70a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.061$

data for any colour:

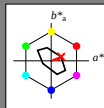
lab^*tch^* and lab^*ncu^*

device and elementary

hue text:

$d^* = o00y$ $u^* = b96r$

triangle lightness t^*



TLS70a; adapted (a) CIELAB data					
Name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	76.43	26.27	10.57	28.32	22
Y _{Ma}	93.93	-10.77	34.63	36.27	107
L _{Ma}	89.32	-35.81	27.64	45.24	142
C _{Ma}	90.93	-21.96	-7.08	23.07	198
V _{Ma}	72.1	15.76	-35.64	38.97	294
M _{Ma}	78.5	37.52	-25.24	45.22	326
N _{Ma}	69.7	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):

$\text{LAB}^*\text{LAB}^*\text{Ma}$: 76 26 11

$\text{LAB}^*\text{LCH}^*\text{Ma}$: 76 28 21

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

$\text{lab}^*\text{rgb}^*\text{Ma}$: 1.0 0.0 0.06

triangle lightness t^*

%Gamut

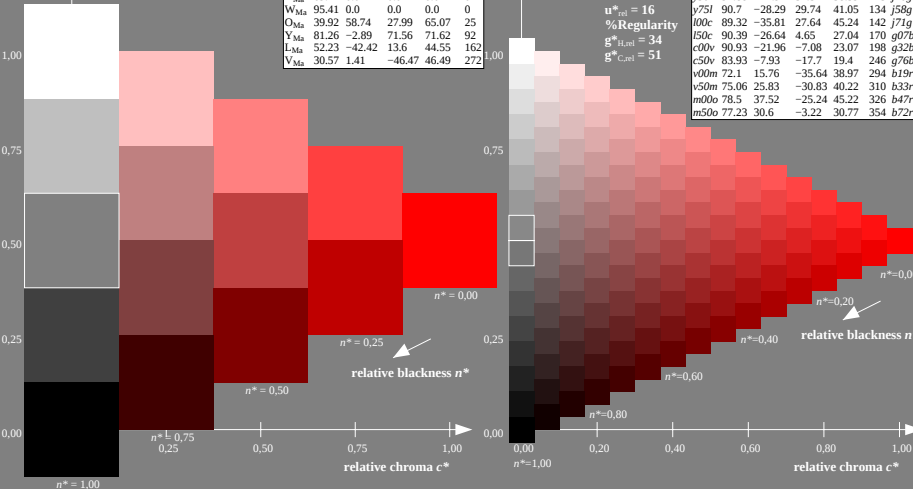
$u^*_{rel} = 16$

%Regularity

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

TLS70a; adapted (a) CIELAB data						
d^*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*
$o00y$	76.43	26.27	10.57	28.32	22	$b96r$
$o25y$	80.63	17.37	16.35	23.86	43	$r26j$
$o50y$	84.1	10.03	21.12	23.38	65	$r58j$
$o75y$	87.95	1.88	26.42	26.48	86	$r90j$
$y00l$	93.93	-10.77	34.63	36.27	107	$j21g$
$y25l$	92.93	-16.18	33.12	36.86	116	$j34g$
$y50l$	91.88	-21.91	31.52	38.39	125	$j46g$
$y75l$	90.7	-28.29	29.74	41.05	134	$j58g$
$l00c$	89.32	-35.81	27.64	45.24	142	$j71g$
$l50c$	90.39	-26.64	4.65	27.04	170	$g07b$
$c00v$	90.93	-21.96	-7.08	23.07	198	$g32b$
$c50v$	83.93	-7.93	-17.7	19.4	246	$g76b$
$v00m$	72.1	15.76	-35.64	38.97	294	$b19r$
$v50m$	75.06	25.83	-30.83	40.22	310	$b33r$
$m00o$	78.5	37.52	-25.24	45.22	326	$b47r$
$m50o$	77.23	30.6	-3.22	30.77	354	$b72r$



IE560-7N