

Input and output: Television Luminous System TLS18a

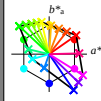
data for any colour:

LAB^*LAB_{Ma} and LAB^*LCH_{Ma}
device and elementary hue text:

d^* and u^*

TLS18a; adapted (a) CIELAB data

d^*	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*
$o00y$	52.76	71.63	49.88	87.29	35	$r14j$
$o25y$	63.7	46.55	59.48	75.53	52	$r39j$
$o50y$	72.75	25.8	67.42	72.19	69	$r65j$
$o75y$	81.8	5.06	75.37	75.54	86	$r90j$
$y00l$	92.74	-20.03	84.97	87.3	103	$j15g$
$y25l$	90.85	-32.81	82.58	88.86	112	$j27g$
$y50l$	88.84	-46.36	80.04	92.5	120	$j39g$
$y75l$	86.61	-61.4	77.23	98.66	128	$j51g$
$l00c$	84.0	-78.99	73.94	108.2	137	$j63g$
$l50c$	86.2	-54.78	12.98	56.3	167	$g04b$
$c00v$	87.14	-44.42	-13.12	46.32	196	$g31b$
$c50v$	72.32	-13.05	-36.63	38.89	250	$g80b$
$v00m$	35.47	64.92	-95.07	115.12	304	$b28r$
$v50m$	47.77	77.67	-74.49	107.62	316	$b39r$
$m00o$	59.01	89.33	-55.68	105.26	328	$b49r$
$m50o$	55.59	79.65	2.03	79.68	1	$b79r$



%Gamut

$u^*_{rel} = 118$

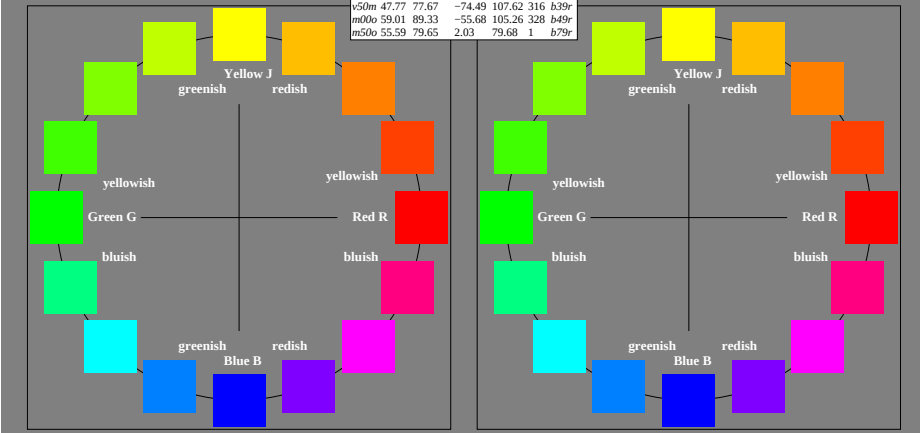
%Regularity

$g^*_{i,rel} = 22$

$g^*_{C,rel} = 40$

TLS18a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	52.76	71.63	49.88	87.29	35
Y_{Ma}	92.74	-20.03	84.97	87.3	103
L_{Ma}	84.0	-78.99	73.94	108.2	137
C_{Ma}	87.14	-44.42	-13.12	46.32	196
V_{Ma}	35.47	64.92	-95.07	115.12	304
M_{Ma}	59.01	89.33	-55.68	105.26	328
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
OC_{IE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	-2.89	71.56	71.62	92
L_{CIE}	52.23	-42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	-46.47	46.49	272



IE49-7N

TUB-test chart IE49; Colorimetric systems, Page 1/3
Hue circle and data tables for 16 hues $o00y$ to $m75o$

input: rgb ($\rightarrow olv^*$) $setrgbcolor$
output: no change compared to input