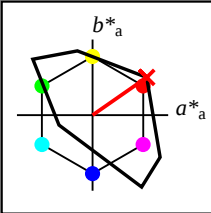


Input and output: Colorimetric Television Luminous System TLS18a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.097$
data for any colour:

lab^*tch^* and lab^*ncu^*
device and elementary
hue text:
 $d^* = o00y$ $u^* = r14j$



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
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):

$LAB^*LAB^*_{Ma}$: 53 72 50
 $LAB^*LCH^*_{Ma}$: 53 87 34
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.0
 $lab^*rgb^*_{Ma}$: 1.0 0.14 0.0

TLS18a; adapted (a) CIELAB data						
d^*	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*
<i>o00y</i>	52.76	71.63	49.88	87.29	35	<i>r14j</i>
<i>o25y</i>	63.7	46.55	59.48	75.53	52	<i>r39j</i>
<i>o50y</i>	72.75	25.8	67.42	72.19	69	<i>r65j</i>
<i>o75y</i>	81.8	5.06	75.37	75.54	86	<i>r90j</i>
<i>y00l</i>	92.74	-20.03	84.97	87.3	103	<i>j15g</i>
<i>y25l</i>	90.85	-32.81	82.58	88.86	112	<i>j27g</i>
<i>y50l</i>	88.84	-46.36	80.04	92.5	120	<i>j39g</i>
<i>y75l</i>	86.61	-61.4	77.23	98.66	128	<i>j51g</i>
<i>l00c</i>	84.0	-78.99	73.94	108.2	137	<i>j63g</i>
<i>l50c</i>	86.2	-54.78	12.98	56.3	167	<i>g04b</i>
<i>c00v</i>	87.14	-44.42	-13.12	46.32	196	<i>g31b</i>
<i>c50v</i>	72.32	-13.05	-36.63	38.89	250	<i>g80b</i>
<i>v00m</i>	35.47	64.92	-95.07	115.12	304	<i>b28r</i>
<i>v50m</i>	47.77	77.67	-74.49	107.62	316	<i>b39r</i>
<i>m00o</i>	59.01	89.33	-55.68	105.26	328	<i>b49r</i>
<i>m50o</i>	55.59	79.65	2.03	79.68	1	<i>b79r</i>

