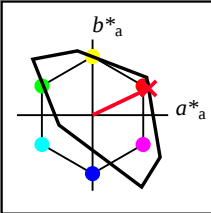


Input and output: Colorimetric Television Luminous System TLS18a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$
data for any colour:

lab^*tch^* and lab^*ncu^*
elementary and device
hue text:
 $u^* = r00j$ $d^* = m85o$



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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 74 35
 $LAB^*LCH^*_{Ma}$: 54 82 25
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.14

TLS18a; adapted (a) CIELAB data						
u^*	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	d^*
r00j	53.62	74.08	35.3	82.06	25	m85o
r25j	57.85	59.96	54.35	80.93	42	o11y
r50j	67.48	37.89	62.8	73.34	59	o35y
r75j	76.12	18.07	70.39	72.67	76	o59y
j00g	85.39	-3.17	78.52	78.58	92	o83y
j25g	91.28	-29.91	83.12	88.34	110	y19l
j50g	86.95	-59.09	77.66	97.59	127	y71l
j75g	84.91	-68.99	48.77	84.49	145	l13c
g00b	86.01	-56.87	18.23	59.72	162	l42c
g25b	86.95	-46.51	-7.87	47.17	190	l88c
g50b	80.75	-30.89	-23.26	38.67	217	c19v
g75b	73.89	-16.38	-34.13	37.86	244	c44v
b00r	65.47	1.44	-47.49	47.51	272	c69v
b25r	43.55	47.82	-82.25	95.15	300	c95v
b50r	58.93	89.11	-54.38	104.39	329	m01o
b75r	55.96	80.69	-4.17	80.8	357	m43o

