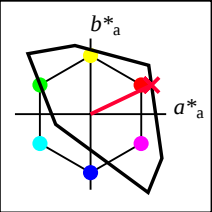


Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$
data for any colour:

lab^*tch^* and lab^*ncu^*
elementary and device

hue text:
 $u^* = r00j$ $d^* = m79o$



TLS00a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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
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):

$LAB^*LAB^*_{Ma}$: 52 81 38

$LAB^*LCH^*_{Ma}$: 52 89 25

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.0

$lab^*olv^*_{Ma}$: 1.0 0.0 0.2

triangle lightness t^*

TLS00a; adapted (a) CIELAB data							
u^*	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	d^*	
r00j	51.95	80.62	38.41	89.3	25	m79o	
r25j	52.4	72.52	65.73	97.88	42	o03y	
r50j	64.61	44.24	73.32	85.63	59	o30y	
r75j	74.89	20.46	79.71	82.29	76	o56y	
j00g	85.23	-3.48	86.13	86.2	92	o82y	
j25g	91.02	-31.95	88.78	94.35	110	y21l	
j50g	86.44	-63.37	83.29	104.66	127	y73l	
j75g	84.65	-71.14	50.29	87.12	145	l14c	
g00b	85.75	-58.84	18.86	61.79	162	l43c	
g25b	86.69	-48.26	-8.16	48.94	190	l88c	
g50b	80.3	-31.91	-24.03	39.95	217	c19v	
g75b	73.34	-16.86	-35.12	38.96	244	c43v	
b00r	64.87	1.48	-48.64	48.66	272	c68v	
b25r	43.19	48.37	-83.19	96.23	300	c93v	
b50r	57.26	94.22	-57.5	110.38	329	m00o	
b75r	54.32	86.7	-4.48	86.82	357	m40o	

%Gamut

$u^*_{rel} = 158$

%Regularity

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

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

