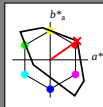
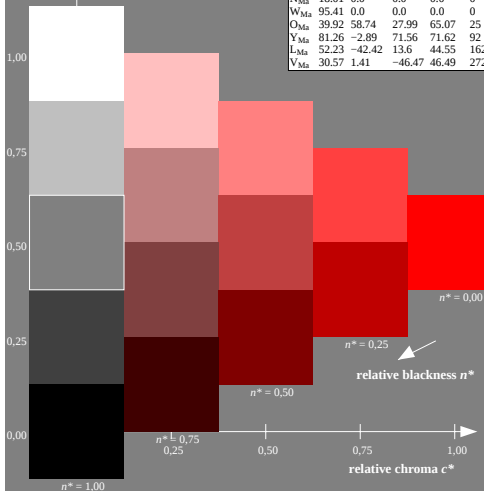


Input and output: Colorimetric Television Luminous System TLS18a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.097$
data for any colour:
 lab^*tch^* and lab^*ncu^*
device and elementary
hue text:
 $d^* = o00y$ $u^* = r14j$



triangle lightness t^*



Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*\text{Ma}$: 53 72 50

$\text{LAB}^*\text{LCH}^*\text{Ma}$: 53 87 34

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

$\text{lab}^*\text{rgb}^*\text{Ma}$: 1.0 0.14 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 118$

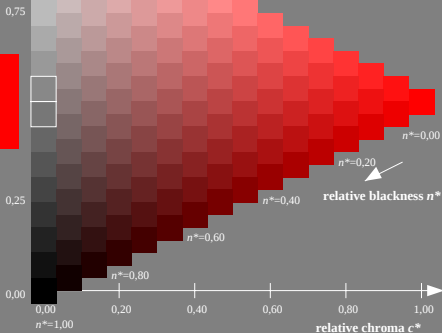
%Regularity

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

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

TLS18a; adapted (a) CIELAB data

d^*	L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	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	$b79r$



relative blackness n^*

$n^* = 0.00$

$n^* = 0.20$

$n^* = 0.40$

$n^* = 0.60$

$n^* = 0.80$

$n^* = 1.00$

relative chroma c^*

IE550-7N