Input and Output: Television Luminous System TLS00a for relative CIELAB hue $h_{ab,a,rel}$ = h_{ab}/360 = 40/360 = 0.11

H^*_d = R00Y$_d$

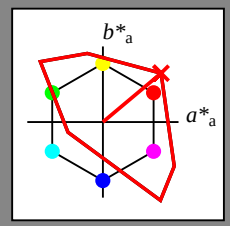
Data for any device (d) or elementary (e) colour:

***HIC*$^*_d$**

hue text for the colours of this page:

H^*_d = R00Y$_d$

triangle lightness *T



TLS00a; adapted (a) CIELAB data

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{d,Ma}$	50.4	76.9	64.5	100.4	40
$Y_{d,Ma}$	92.6	−20.7	90.7	93.0	102
$G_{d,Ma}$	83.6	−82.7	79.8	115.0	136
$C_{d,Ma}$	86.8	−46.1	−13.5	48.1	196
$B_{d,Ma}$	30.3	76.0	−103.5	128.5	306
$M_{d,Ma}$	57.2	94.3	−58.4	110.9	328
$N_{d,Ma}$	0.0	0.0	0.0	0.0	0
$W_{d,Ma}$	95.4	0.0	0.0	0.0	0
$R_{d,CIE}$	39.9	58.7	27.9	65.0	25
$Y_{d,CIE}$	81.2	−2.8	71.5	71.6	92
$G_{d,CIE}$	52.2	−42.4	13.6	44.5	162
$B_{d,CIE}$	30.5	1.4	−46.4	46.4	271

Data for maximum colour (Ma):

***LabCh*$^*_{d,Ma}$: 50 76 64 100 40**

***HIC*$^*_{d,Ma}$: R00Y_100_100$_d$**

***rgbic*$^*_{d,Ma}$:**

1.0 0.0 0.0 1.0 1.0

triangle lightness *T

%Gamut
u^*_{rel} = 158
%Regularity
$g^*_{H,rel}$ = 19
$g^*_{C,rel}$ = 37

TLS00a; adapted (a) CIELAB data

H^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100$_d$	50.4	76.9	64.5	100.4	40
R25Y_100_100$_d$	53.7	67.6	65.8	94.4	44
R50Y_100_100$_d$	63.6	41.3	71.0	82.2	59
R75Y_100_100$_d$	78.2	7.8	80.6	81.0	84
Y00G_100_100$_d$	92.6	−20.7	90.7	93.0	102
Y25G_100_100$_d$	88.7	−43.3	86.2	96.5	116
Y50G_100_100$_d$	85.7	−65.2	82.4	105.1	128
Y75G_100_100$_d$	84.0	−78.7	80.4	112.5	134
G00B_100_100$_d$	83.6	−82.7	79.8	115.0	136
G25B_100_100$_d$	84.3	−73.7	44.9	86.4	148
G50B_100_100$_d$	86.8	−46.1	−13.5	48.1	196
G75B_100_100$_d$	51.7	18.3	−68.3	70.7	285
B00R_100_100$_d$	30.3	76.0	−103.5	128.5	306
B25R_100_100$_d$	38.5	79.8	−89.7	120.0	311
B50R_100_100$_d$	57.2	94.3	−58.4	110.9	328
B75R_100_100$_d$	52.0	81.1	4.1	81.2	2

100
075
050
025
000

*I** = 000
*I** = 025
*I** = 050
*I** = 075
*I** = 100

025 050 075 100

chroma *C**

brilliance *I**

100
075
025
000

*I**=000
*I**=020
*I**=040
*I**=060
*I**=080
*I**=100

000 020 040 060 080 100

chroma *C**

brilliance *I**