

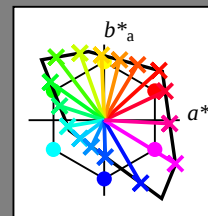
Input and output: Television Luminous System TLS00a

data for any colour:

$LAB*LAB_{Ma}$ and $LAB*LCH_{Ma}$
elementary and device hue text:
 u^* and d^*

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

$u^*_{rel} = 158$

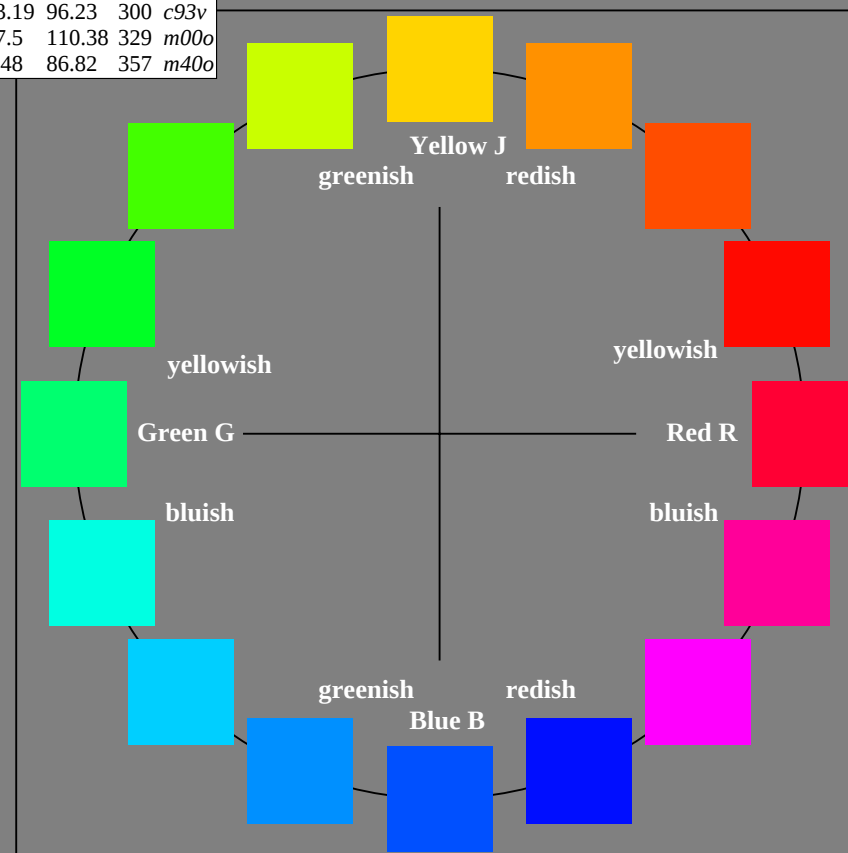
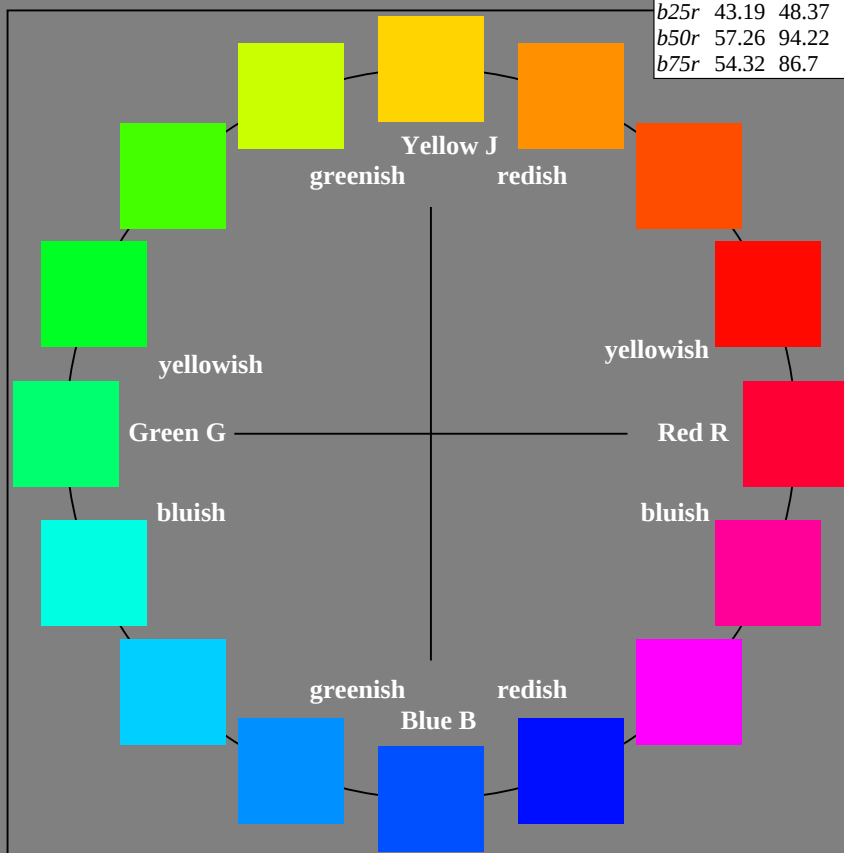
% Regularity

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

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

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_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.89	71.56	71.62	92
G_{CIE}	52.23	-42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.47	46.49	272



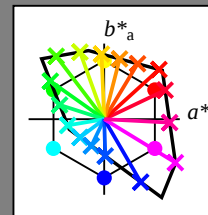
Input and output: Television Luminous System TLS00a

data for any colour:

$LAB*LAB_{Ma}$ and $LAB*LCH_{Ma}$
elementary and device hue text:
 u^* and d^*

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

$u^*_{rel} = 158$

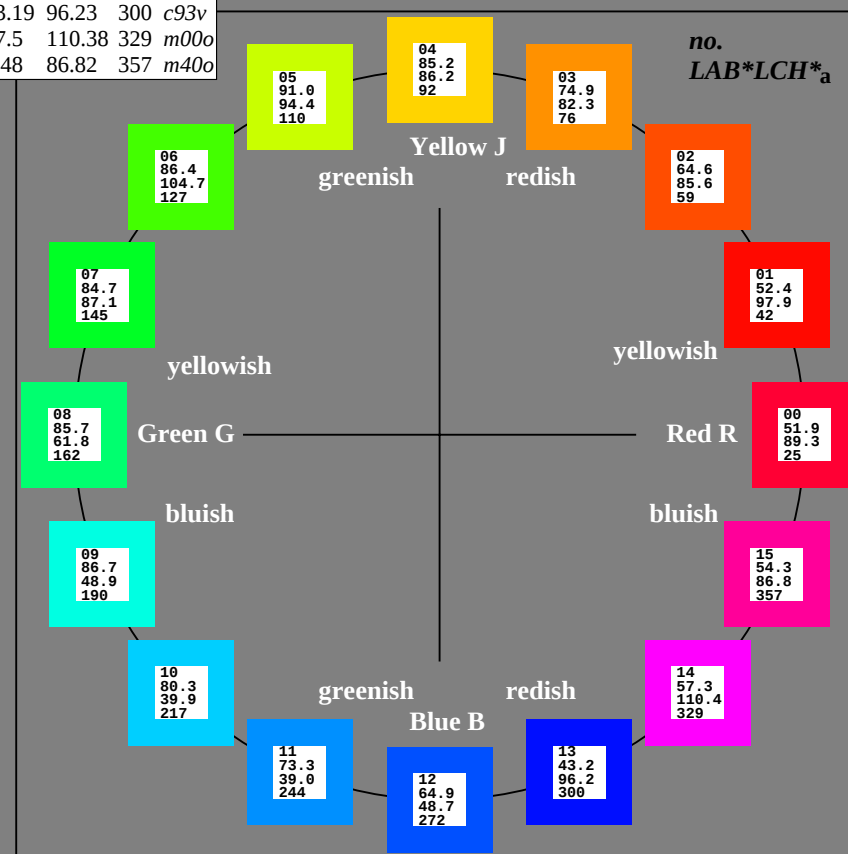
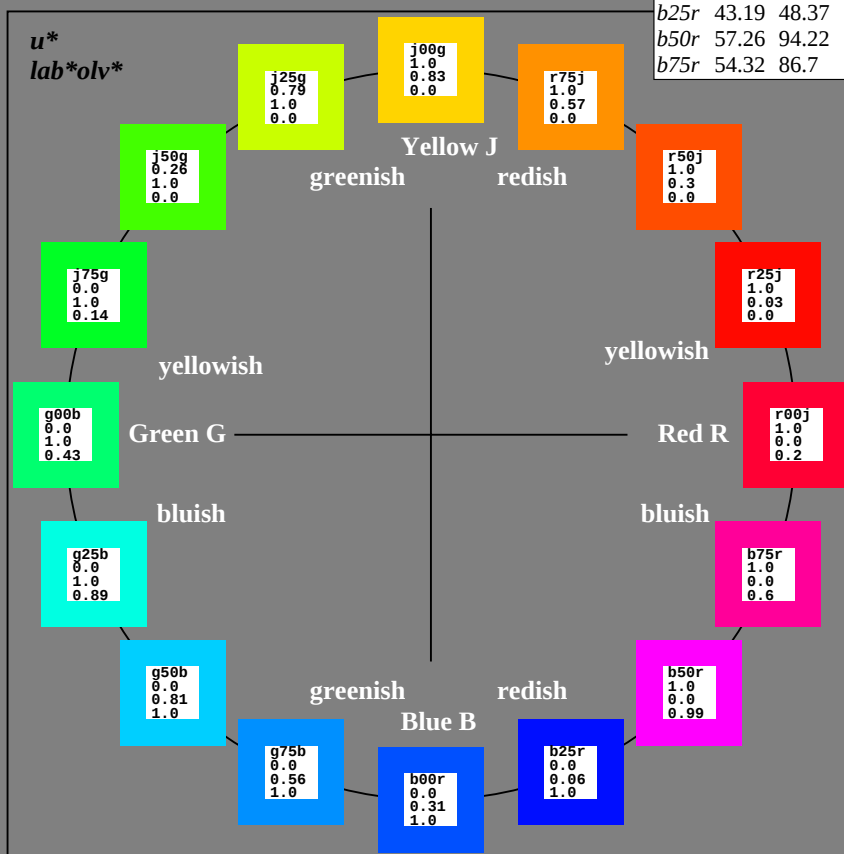
% Regularity

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

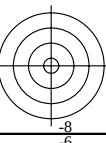
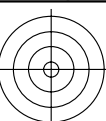
$g^*_{C,rel} = 37$

TLS00a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	50.5	76.91	64.55	100.41	40
YMa	92.66	-20.68	90.75	93.08	103
LMa	83.62	-82.74	79.9	115.02	136
CMa	86.88	-46.15	-13.54	48.1	196
VMa	30.39	76.06	-103.6	128.52	306
MMa	57.31	94.35	-58.4	110.96	328
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.89	71.56	71.62	92
GCIE	52.23	-42.42	13.6	44.55	162
BCIE	30.57	1.41	-46.47	46.49	272



See original or copy: <http://web.me.com/klaus.richter/IE51/IE51L0NA.PS/.TXT>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



Input and output: Television Luminous System TLS00a

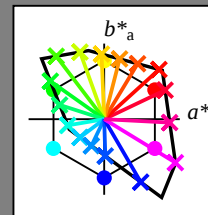
data for any colour:

$LAB*LAB_{Ma}$ and $LAB*LCH_{Ma}$
elementary and device hue text:
 u^* and d^*

<http://130.149.60.45/~farbmetrik/IE51/IE51L0NA.PS/.TXT>; transfer and output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

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	
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b50r	57.26	94.22	-57.5	110.38	329	m00o	
b75r	54.32	86.7	-4.48	86.82	357	m40o	



% Gamut

$u^*_{rel} = 158$

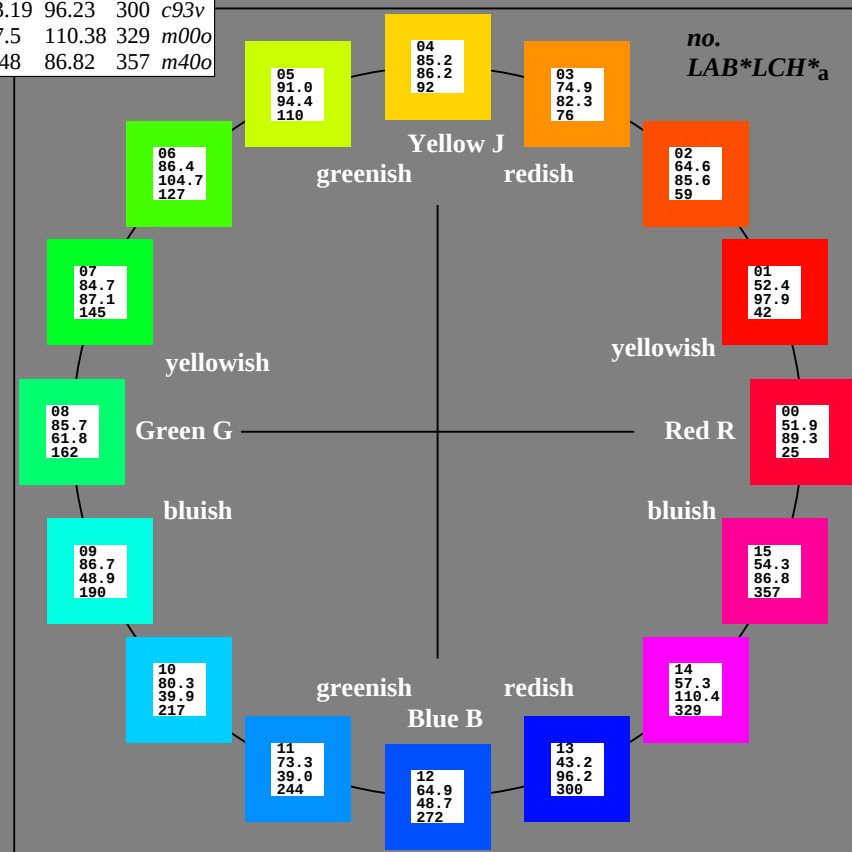
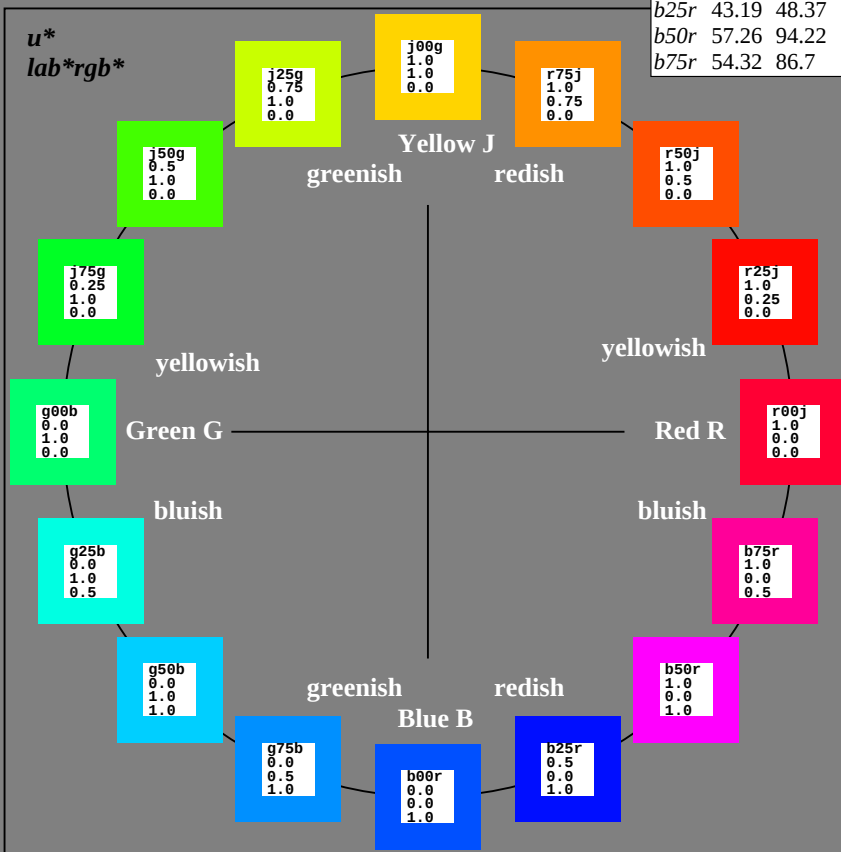
% Regularity

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

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WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.89	71.56	71.62	92
GCIE	52.23	-42.42	13.6	44.55	162
BCIE	30.57	1.41	-46.47	46.49	272



IE510-7N

TUB-test chart IE51; Colorimetric systems, Page 3/3
Hue circle and data tables for 16 hues r00j to b75r

input: rgb ($\rightarrow rgb^*$) $setrgbcolor$
output: no change compared to input

TUB registration: 20090901-IE51/IE51L0NA.PS/.TXT
application for output of visual display systems

TUB material: code=rha4ta

