

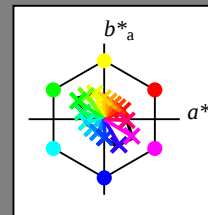
Input and output: Television Luminous System TLS70a

data for any colour:

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

TLS70a; adapted (a) CIELAB data

u^*	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	d^*
<i>r00j</i>	77.25	24.54	11.69	27.18	25	<i>o04y</i>
<i>r25j</i>	80.45	17.76	16.1	23.97	42	<i>o23y</i>
<i>r50j</i>	83.18	11.98	19.85	23.19	59	<i>o43y</i>
<i>r75j</i>	85.97	6.08	23.69	24.45	76	<i>o62y</i>
<i>j00g</i>	89.38	-1.15	28.38	28.4	92	<i>o82y</i>
<i>j25g</i>	93.65	-12.31	34.2	36.35	110	<i>y07l</i>
<i>j50g</i>	91.56	-23.62	31.04	39.01	127	<i>y56l</i>
<i>j75g</i>	89.47	-34.52	24.4	42.27	145	<i>l04c</i>
<i>g00b</i>	90.18	-28.42	9.11	29.84	162	<i>l35c</i>
<i>g25b</i>	90.78	-23.22	-3.93	23.55	190	<i>l84c</i>
<i>g50b</i>	87.8	-15.7	-11.82	19.65	217	<i>c20v</i>
<i>g75b</i>	84.13	-8.35	-17.39	19.29	244	<i>c48v</i>
<i>b00r</i>	79.6	0.74	-24.26	24.28	272	<i>c76v</i>
<i>b25r</i>	73.24	19.64	-33.78	39.08	300	<i>v19m</i>
<i>b50r</i>	78.33	36.61	-22.34	42.89	329	<i>m04o</i>
<i>b75r</i>	77.13	30.08	-1.55	30.12	357	<i>m55o</i>



%Gamut

$u^*_{rel} = 16$

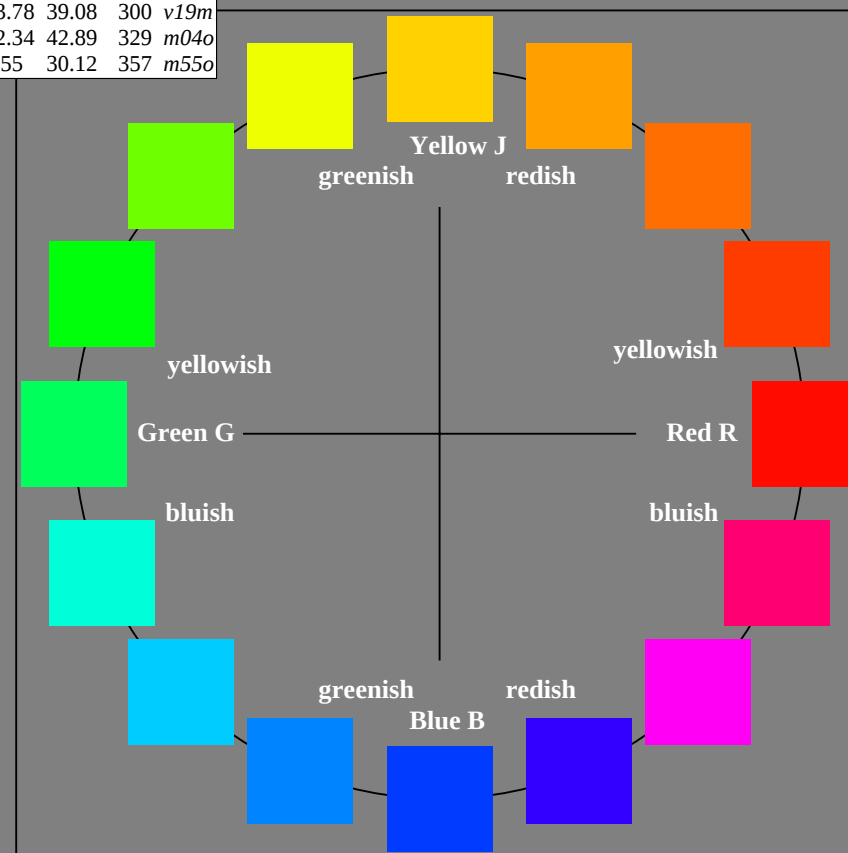
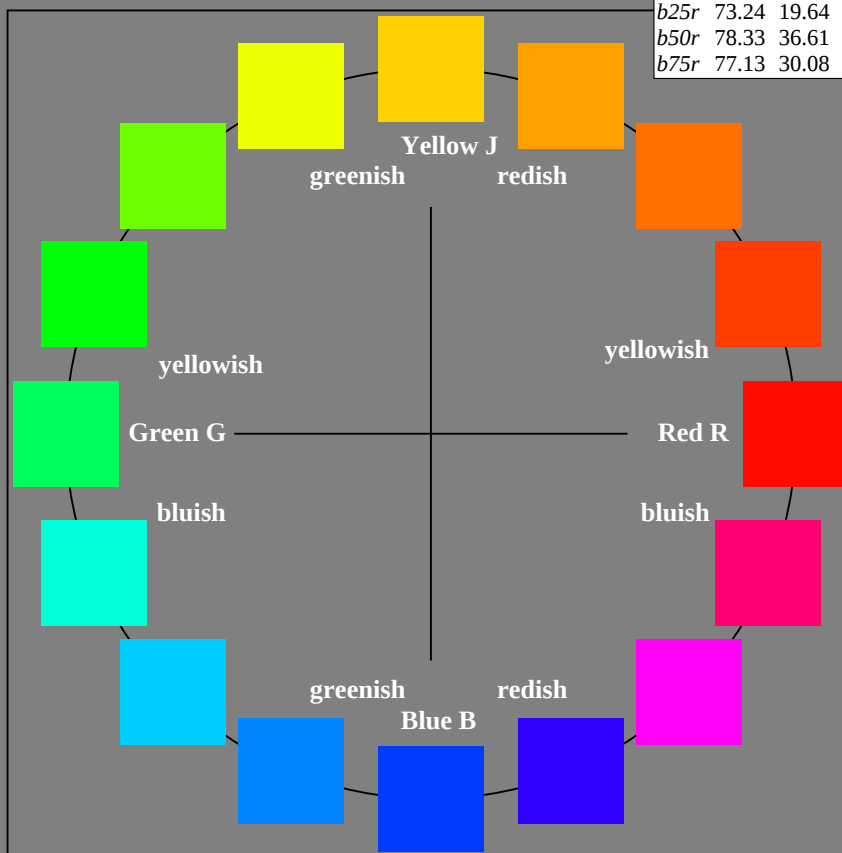
%Regularity

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

TLS70a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
<i>O_{Ma}</i>	76.43	26.27	10.57	28.32	22
<i>Y_{Ma}</i>	93.93	-10.77	34.63	36.27	107
<i>L_{Ma}</i>	89.32	-35.81	27.64	45.24	142
<i>C_{Ma}</i>	90.93	-21.96	-7.08	23.07	198
<i>V_{Ma}</i>	72.1	15.76	-35.64	38.97	294
<i>M_{Ma}</i>	78.5	37.52	-25.24	45.22	326
<i>N_{Ma}</i>	69.7	0.0	0.0	0.0	0
<i>W_{Ma}</i>	95.41	0.0	0.0	0.0	0
<i>R_{CIE}</i>	39.92	58.74	27.99	65.07	25
<i>J_{CIE}</i>	81.26	-2.89	71.56	71.62	92
<i>G_{CIE}</i>	52.23	-42.42	13.6	44.55	162
<i>B_{CIE}</i>	30.57	1.41	-46.47	46.49	272



IE530-7N

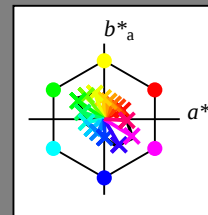
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TLS70a; adapted (a) CIELAB data

	u^*	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	d^*
r00j	77.25	24.54	11.69	27.18	25	004y	
r25j	80.45	17.76	16.1	23.97	42	023y	
r50j	83.18	11.98	19.85	23.19	59	043y	
r75j	85.97	6.08	23.69	24.45	76	062y	
j00g	89.38	-1.15	28.38	28.4	92	082y	
j25g	93.65	-12.31	34.2	36.35	110	y07l	
j50g	91.56	-23.62	31.04	39.01	127	y56l	
j75g	89.47	-34.52	24.4	42.27	145	l04c	
g00b	90.18	-28.42	9.11	29.84	162	l35c	
g25b	90.78	-23.22	-3.93	23.55	190	l84c	
g50b	87.8	-15.7	-11.82	19.65	217	c20v	
g75b	84.13	-8.35	-17.39	19.29	244	c48v	
b00r	79.6	0.74	-24.26	24.28	272	c76v	
b25r	73.24	19.64	-33.78	39.08	300	v19m	
b50r	78.33	36.61	-22.34	42.89	329	m04o	
b75r	77.13	30.08	-1.55	30.12	357	m55o	



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$u^*_{rel} = 16$

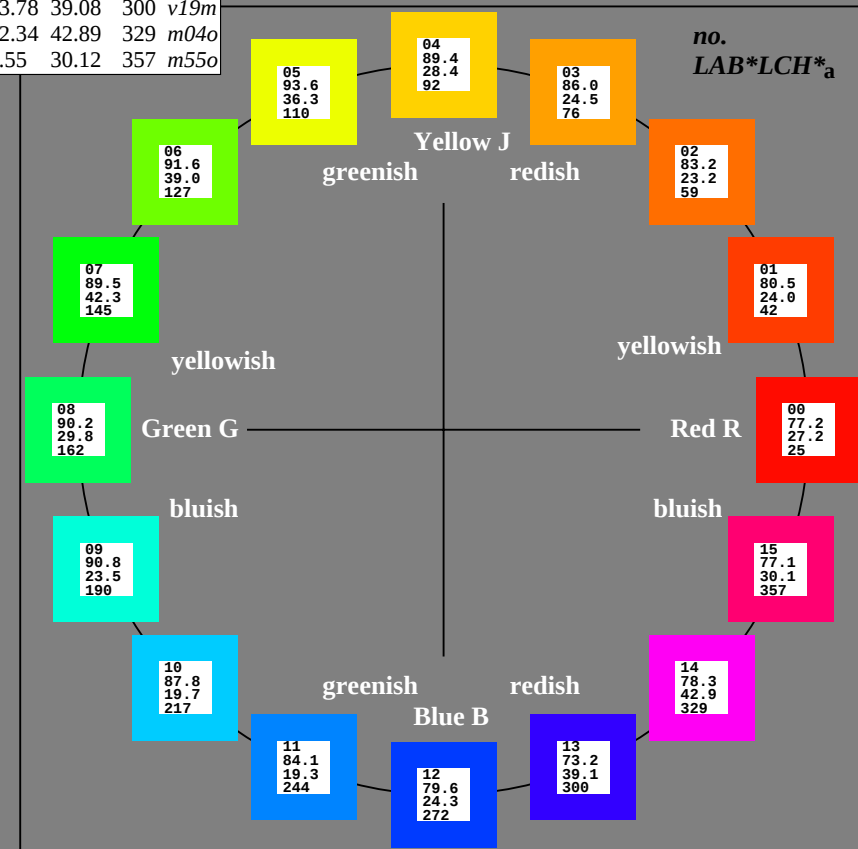
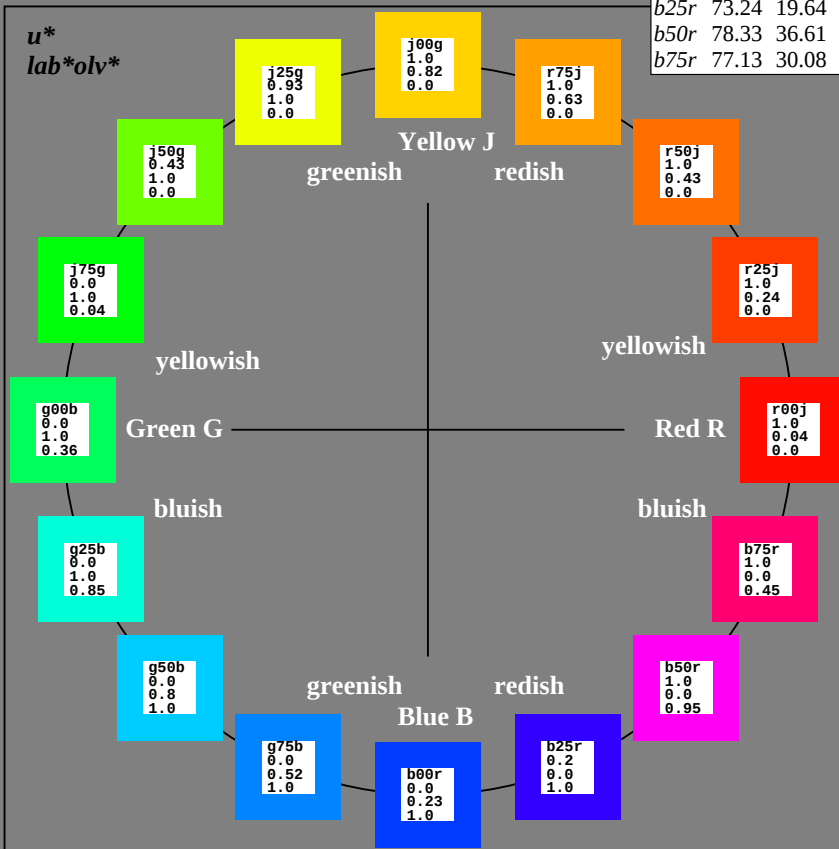
% Regularity

$g^*_{H,rel} = 34$

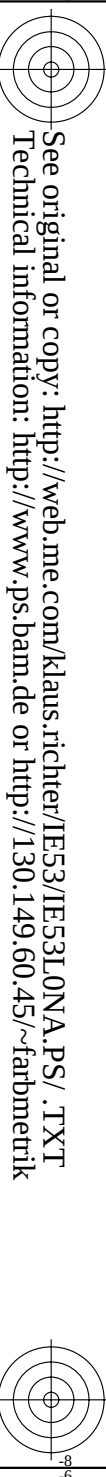
$g^*_{C,rel} = 51$

TLS70a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	76.43	26.27	10.57	28.32	22
Y _{Ma}	93.93	-10.77	34.63	36.27	107
L _{Ma}	89.32	-35.81	27.64	45.24	142
C _{Ma}	90.93	-21.96	-7.08	23.07	198
V _{Ma}	72.1	15.76	-35.64	38.97	294
M _{Ma}	78.5	37.52	-25.24	45.22	326
N _{Ma}	69.7	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



See original or copy: <http://web.me.com/klaus.richter/IE53/IE53L0NA.PS/.TXT>
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



<http://130.149.60.45/~farbmetrik/IE53/IE53L0NA.PS/.TXT>; transfer and output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

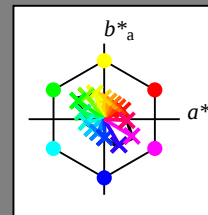
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g50b	87.8	-15.7	-11.82	19.65	217	c20v	
g75b	84.13	-8.35	-17.39	19.29	244	c48v	
b00r	79.6	0.74	-24.26	24.28	272	c76v	
b25r	73.24	19.64	-33.78	39.08	300	v19m	
b50r	78.33	36.61	-22.34	42.89	329	m04o	
b75r	77.13	30.08	-1.55	30.12	357	m55o	



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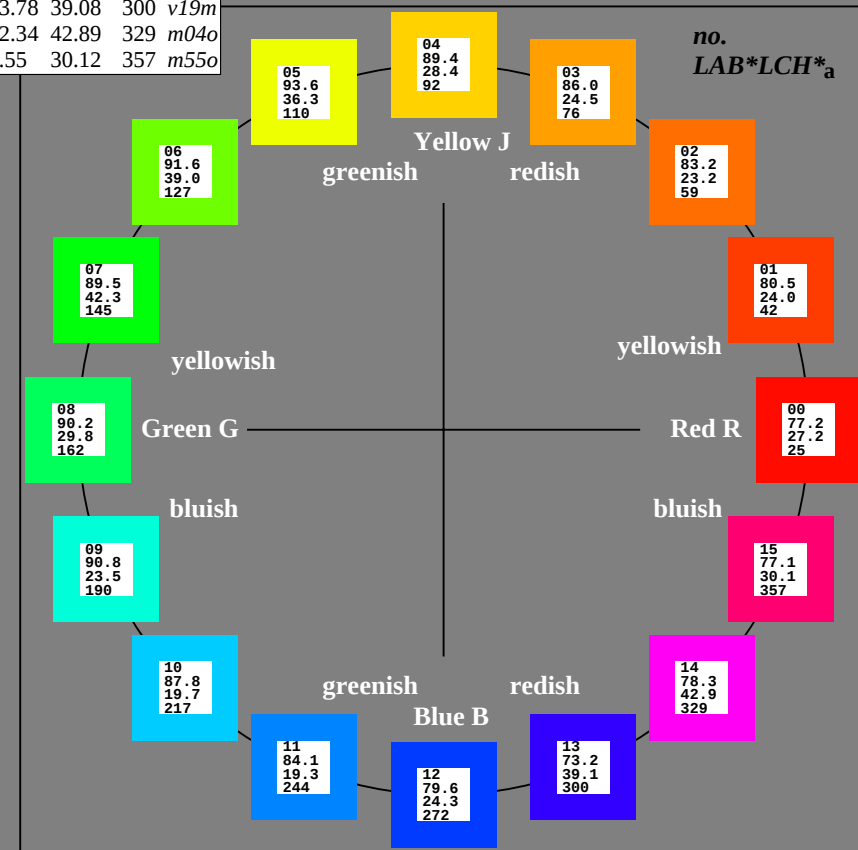
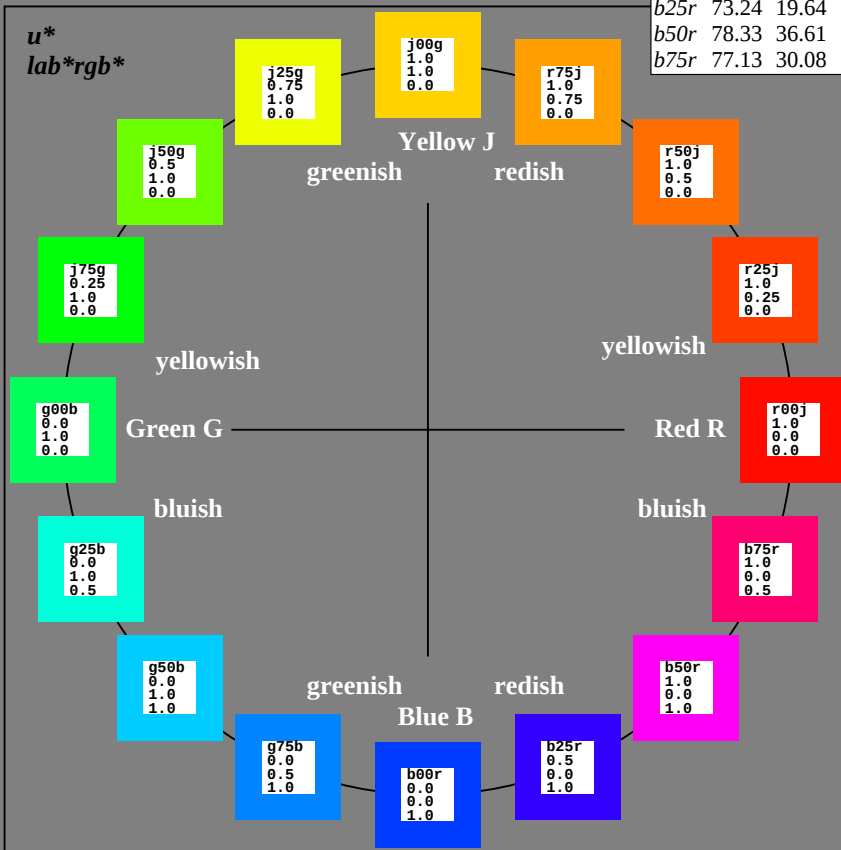
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TLS70a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	76.43	26.27	10.57	28.32	22
YMa	93.93	-10.77	34.63	36.27	107
LMa	89.32	-35.81	27.64	45.24	142
CMa	90.93	-21.96	-7.08	23.07	198
VMa	72.1	15.76	-35.64	38.97	294
MMa	78.5	37.52	-25.24	45.22	326
NMa	69.7	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



IE530-7N

TUB-test chart IE53; 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-IE53/IE53L0NA.PS/.TXT
application for output of visual display systems

TUB material: code=rha4ta