

http://130.149.60.45/~farbmetric/IE37/IE37LONI.PS /TXT; start output  
 N: No Output Linearization (OL) data in File (F), StartUp (S) or Device (D)

**Colorimetric "Standard data": Television Luminous System TLS11 for CIE lightness  $L^*=11$  of black for illuminant D65**

**System TLS11**

**LCD monitor**

Color	r=obv*1	g=obv*2	b=obv*3	L*-LAB*1	a*-LAB*2	b*-LAB*3	C*ab-LAB*r	h <sub>ab</sub>	X=XYZ <sub>1</sub>	Y=XYZ <sub>2</sub>	Z=XYZ <sub>3</sub>	x	y	Y/88.59
00 o00y	1.0	0.0	0.0	54.21	78.64	58.52	98.03	37	42.14	22.17	3.33	0.623	0.3278	0.2503
01 o13y	1.0	0.125	0.0	54.91	76.45	59.02	96.58	38	42.42	22.84	3.44	0.6174	0.3325	0.2579
02 o25y	1.0	0.25	0.0	57.87	68.1	61.12	91.5	42	43.91	25.83	3.96	0.5958	0.3505	0.2916
03 o38y	1.0	0.375	0.0	62.22	56.16	64.44	85.47	49	46.26	30.66	4.75	0.5664	0.3754	0.3461
04 o50y	1.0	0.5	0.0	67.48	42.42	68.19	80.49	58	49.42	37.27	5.91	0.5407	0.4022	0.4207
05 o63y	1.0	0.625	0.0	73.63	27.43	72.96	77.94	70	53.85	46.12	7.39	0.5016	0.4296	0.5206
06 o75y	1.0	0.75	0.0	80.08	12.73	77.89	78.93	81	59.14	56.82	9.2	0.4725	0.454	0.6414
07 o88y	1.0	0.875	0.0	86.52	-1.05	82.98	82.99	91	65.14	69.03	11.22	0.448	0.4748	0.7793
08 y00l	1.0	1.0	0.0	94.11	-15.83	89.38	90.77	101	73.43	85.54	13.8	0.425	0.4951	0.9655
09 y13l	0.875	1.0	0.0	92.0	-27.1	86.39	90.55	108	64.07	80.71	13.54	0.4047	0.5098	0.911
10 y25l	0.75	1.0	0.0	90.22	-37.49	83.97	91.96	115	56.47	76.78	13.28	0.3854	0.524	0.8667
11 y38l	0.625	1.0	0.0	88.56	-48.25	81.77	94.94	122	49.55	73.23	13.01	0.3649	0.5393	0.8266
12 y50l	0.5	1.0	0.0	87.07	-58.61	79.56	97.86	128	36.56	70.94	12.75	0.3545	0.5545	0.7917
13 y63l	0.375	1.0	0.0	85.89	-67.53	78.43	103.5	132	39.02	67.76	12.51	0.3271	0.568	0.7649
14 y75l	0.25	1.0	0.0	84.97	-74.95	77.13	107.56	136	35.55	65.95	12.4	0.3121	0.579	0.7444
15 y88l	0.125	1.0	0.0	84.37	-79.89	76.36	110.52	138	33.36	64.77	12.3	0.3021	0.5865	0.7312
16 100c	0.0	1.0	0.0	84.21	-81.1	76.13	111.24	138	32.83	64.47	12.29	0.2996	0.5883	0.7278
17 113c	0.0	1.0	0.125	84.25	-80.71	73.57	109.22	139	32.98	64.54	13.31	0.2976	0.5823	0.7285
18 125c	0.0	1.0	0.25	84.35	-78.62	63.95	101.35	143	33.71	64.74	17.66	0.2903	0.5576	0.7308
19 138c	0.0	1.0	0.375	84.61	-75.49	51.46	91.37	148	34.93	65.24	24.72	0.2797	0.5224	0.7365
20 150c	0.0	1.0	0.5	84.97	-71.46	38.14	81.01	154	36.59	65.95	34.2	0.2676	0.4823	0.7444
21 163c	0.0	1.0	0.625	85.43	-66.43	24.55	70.83	163	38.75	66.85	46.23	0.2552	0.4403	0.7546
22 175c	0.0	1.0	0.75	85.97	-61.24	11.9	62.39	173	41.15	67.93	59.93	0.2435	0.4019	0.7668
23 188c	0.0	1.0	0.875	86.54	-56.04	0.7	56.06	183	43.7	69.07	74.31	0.2336	0.3692	0.7796
24 c00w	0.0	1.0	1.0	87.18	-51.1	-9.41	51.97	195	46.37	70.38	89.45	0.2249	0.3413	0.7944
25 c13w	0.0	1.0	0.875	1.0	78.68	-38.63	-22.32	44.62	213	38.35	54.38	0.2134	0.3026	0.6138
26 c25w	0.0	1.0	0.75	1.0	71.08	-26.3	-33.97	42.97	233	32.33	42.3	0.2026	0.2651	0.4775
27 c38w	0.0	1.0	0.675	1.0	63.12	-11.97	-46.39	47.92	254	27.09	31.73	0.1908	0.2235	0.3582
28 c50w	0.0	1.0	0.5	1.0	54.95	4.19	-59.11	59.26	272	22.65	22.88	0.1786	0.1804	0.2582
29 c63w	0.0	1.0	0.375	1.0	47.37	21.46	-74.71	71.47	284	19.44	16.3	0.1673	0.1403	0.184
30 c75w	0.0	1.0	0.25	1.0	40.22	39.44	-83.05	91.95	294	16.99	11.37	0.1578	0.1056	0.1284
31 c88w	0.0	1.0	0.125	1.0	34.57	55.15	-92.53	107.73	299	15.49	8.29	0.1507	0.0806	0.0935
32 v00m	0.0	0.0	1.0	33.09	59.26	-94.9	111.9	301	15.11	7.58	78.79	0.1489	0.0747	0.0856
33 v13m	0.125	0.0	1.0	33.6	60.17	-94.39	111.95	303	15.63	7.82	79.26	0.1522	0.0761	0.0882
34 v25m	0.25	0.0	1.0	35.64	62.25	-90.58	109.92	303	17.57	8.82	78.88	0.1669	0.0838	0.0996
35 v38m	0.375	0.0	1.0	38.78	65.67	-85.41	107.74	306	20.9	10.53	79.21	0.1889	0.0952	0.1189
36 v50m	0.5	0.0	1.0	42.38	69.54	-79.14	105.36	310	25.19	12.75	79.11	0.2152	0.1089	0.1439
37 v63m	0.625	0.0	1.0	46.58	74.49	-72.19	103.73	315	31.01	15.7	79.49	0.2457	0.1244	0.1772
38 v75m	0.75	0.0	1.0	50.83	79.05	-64.9	102.28	320	37.61	19.12	79.55	0.276	0.1403	0.2158
39 v88m	0.875	0.0	1.0	54.98	83.66	-57.89	101.74	324	44.97	22.91	79.74	0.3046	0.1552	0.2586
40 m00o	1.0	0.0	1.0	59.56	89.09	-50.27	102.3	329	54.26	27.64	80.12	0.3349	0.1706	0.312
41 m13o	1.0	0.0	0.875	58.35	87.39	-40.57	96.35	334	51.59	26.33	65.42	0.3599	0.1837	0.2972
42 m25o	1.0	0.0	0.75	57.23	85.38	-29.34	90.29	340	49.04	25.16	51.28	0.3908	0.2005	0.284
43 m38o	1.0	0.0	0.675	56.14	83.38	-16.14	84.93	348	46.62	24.05	37.77	0.4299	0.2218	0.2715
44 m50o	1.0	0.0	0.5	55.19	81.22	-0.89	81.23	359	44.43	23.11	25.72	0.4764	0.2478	0.2659
45 m63o	1.0	0.0	0.375	54.25	79.25	15.4	79.25	371	42.07	21.11	16.14	0.526	0.275	0.2518
46 m75o	1.0	0.0	0.25	53.75	78.41	33.44	85.24	374	41.41	21.74	8.91	0.5747	0.3017	0.2404
47 m88o	1.0	0.0	0.125	53.35	77.5	51.81	93.22	374	40.55	21.37	4.23	0.613	0.323	0.2412
48 o00y	1.0	0.0	0.0	54.21	78.64	58.52	98.03	37	42.14	22.17	3.33	0.623	0.3278	0.2503
49 o00w	0.0	0.0	0.0	10.76	5.51	-3.96	6.79	0	1.34	1.23	1.71	0.3134	0.2867	0.0139
50 n13w	0.125	0.125	0.125	16.56	4.87	-3.31	5.9	169	2.33	2.21	2.86	0.3146	0.2988	0.025
51 n25w	0.25	0.25	0.25	30.75	4.15	-2.76	4.99	269	6.61	6.54	7.89	0.3142	0.311	0.0739
52 n38w	0.375	0.375	0.375	43.53	4.11	-2.65	4.9	292	13.48	13.52	15.89	0.3142	0.3152	0.1526
53 n50w	0.5	0.5	0.5	55.06	4.06	-2.43	4.73	297	23.73	22.99	26.55	0.325	0.3181	0.2595
54 n63w	0.625	0.625	0.625	76.28	3.69	-1.8	4.11	298	34.83	35.52	40.18	0.3151	0.3214	0.401
55 n75w	0.75	0.75	0.75	95.06	3.24	-0.77	3.34	301	49.03	50.35	55.64	0.3163	0.3248	0.5683
56 n88w	0.875	0.875	0.875	85.51	2.1	0.82	2.26	299	64.62	67.02	71.95	0.3174	0.3292	0.7565
57 n99w	1.0	1.0	1.0	95.41	-0.21	4.78	4.79	0	84.08	88.59	89.43	0.3208	0.338	1.0

IE370-7N, Colorimetric data of Television Luminous System TLS11 for CIE standard illuminant D65; LCD monitor; Page: 1/66

TUB-test chart IE37; Hue circle and colorimetric data

Display measurement: LCD, CRT and LCD projector, page 1/66 output: no change compared to input

input: olv\* setrgcolor

See original or copy: http://www.me.com/klaus\_richter/IE37/IE37LONI.PS /TXT  
 Technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetric

TUB registration: 20090901-IE37/IE37LONI.PS /TXT  
 application for measurement of printer or monitor systems

TUB material: code=rhata