

Colorimetric data of Television Luminous System TLS11 for CIE lightness $L^*_N=11$ of black

System:

TLS11

Monitor:

LCD

Color	$r=olv^*1$	$g=olv^*2$	$b=olv^*3$	$L^*=LAB^*1c$	$a^*=LAB^*2c$	$b^*=LAB^*3c$	$C^*=ab^*/LAB^*1c$	$h_{ab}c$	$X_c=XYZ1c$	$Y_c=XYZ2c$	$Z_c=XYZ3c$	x_c	y_c	Y_c/Y_{c8503}
00 000y	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 013y	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 025y	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 038y	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 050y	1.0	0.5	0.0	67.48	42.42	68.19	80.34	58	49.48	35.37	5.91	0.534	0.4022	0.4207
05 063y	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 075y	1.0	0.75	0.0	80.08	12.73	77.89	72.93	81	59.14	56.82	9.2	0.4725	0.454	0.6414
07 088y	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 000l	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 013l	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 025l	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 038l	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 050l	0.5	1.0	0.0	87.07	-59.61	79.85	98.01	128	43.6	70.14	12.75	0.3447	0.5545	0.7917
13 063l	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 075l	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 088l	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	36.58	66.35	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	38.25	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 000v	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 013v	0.0	0.875	1.0	87.68	-38.63	-22.32	44.62	213	38.35	54.38	86.97	0.2134	0.3026	0.6138
26 025v	0.0	0.75	1.0	71.08	-26.3	-33.97	42.97	233	32.33	42.3	84.93	0.2026	0.2651	0.4775
27 038v	0.0	0.625	1.0	63.12	-11.97	-46.39	47.92	254	27.09	31.73	83.16	0.1908	0.2235	0.3582
28 050v	0.0	0.5	1.0	54.95	4.19	-59.11	59.26	272	22.65	22.88	81.29	0.1786	0.1804	0.2582
29 063v	0.0	0.375	1.0	47.37	21.46	-71.55	74.71	294	19.44	16.3	80.45	0.1673	0.1403	0.184
30 075v	0.0	0.25	1.0	40.2	39.44	-83.05	91.95	329	16.99	11.37	79.32	0.1786	0.1056	0.1284
31 088v	0.0	0.125	1.0	34.57	55.15	-92.53	107.73	399	15.49	8.29	79.02	0.1507	0.0806	0.0935
32 000m	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 013m	0.125	0.0	1.0	33.6	60.17	-94.39	111.95	301	15.63	7.82	79.26	0.1522	0.0761	0.0882
34 025m	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 038m	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 050m	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 063m	0.625	0.0	1.0	46.58	74.48	-72.19	103.73	315	31.01	15.1	79.49	0.2457	0.1244	0.1772
38 075m	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 088m	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 000o	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 013o	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 025o	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 038o	1.0	0.0	0.625	56.14	83.38	-16.14	84.93	348	46.62	24.05	37.77	0.4299	0.2218	0.2715
44 050o	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	0.2609
45 063o	1.0	0.0	0.375	53.75	79.63	11.4	74.67	371	42.67	22.01	16.14	0.526	0.275	0.2518
46 075o	1.0	0.0	0.25	53.35	78.41	33.44	85.24	384	41.41	21.74	8.91	0.5747	0.3017	0.2454
47 088o	1.0	0.0	0.125	53.35	77.5	51.81	93.22	394	40.55	21.37	4.23	0.613	0.323	0.2412
48 000w	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 000w	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 013w	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 025w	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 038w	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 050w	0.5	0.5	0.5	55.06	4.06	-2.42	4.92	297	22.73	22.79	26.55	0.3145	0.3181	0.2595
54 063w	0.625	0.625	0.625	66.15	3.69	-1.8	4.11	298	34.83	35.52	40.18	0.3151	0.3214	0.401
55 075w	0.75	0.75	0.75	76.28	3.24	-0.77	3.34	301	49.03	50.35	55.64	0.3163	0.3248	0.5683
56 088w	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 099w	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

KE410-7N, 1.96

TUB-test chart KE41; Hue circle and colorimetric data
Measurement of LCD display and for display reflection

input: `olv* setrgbcolor`
output: `no change compared to input`