Farbmetrische "Norm-Daten": Fernseh-Lichtfarben-System TLS08 für Helligkeit *L**=08 von Schwarz für Lichtart D65

System TLS08
LECD-Monitor

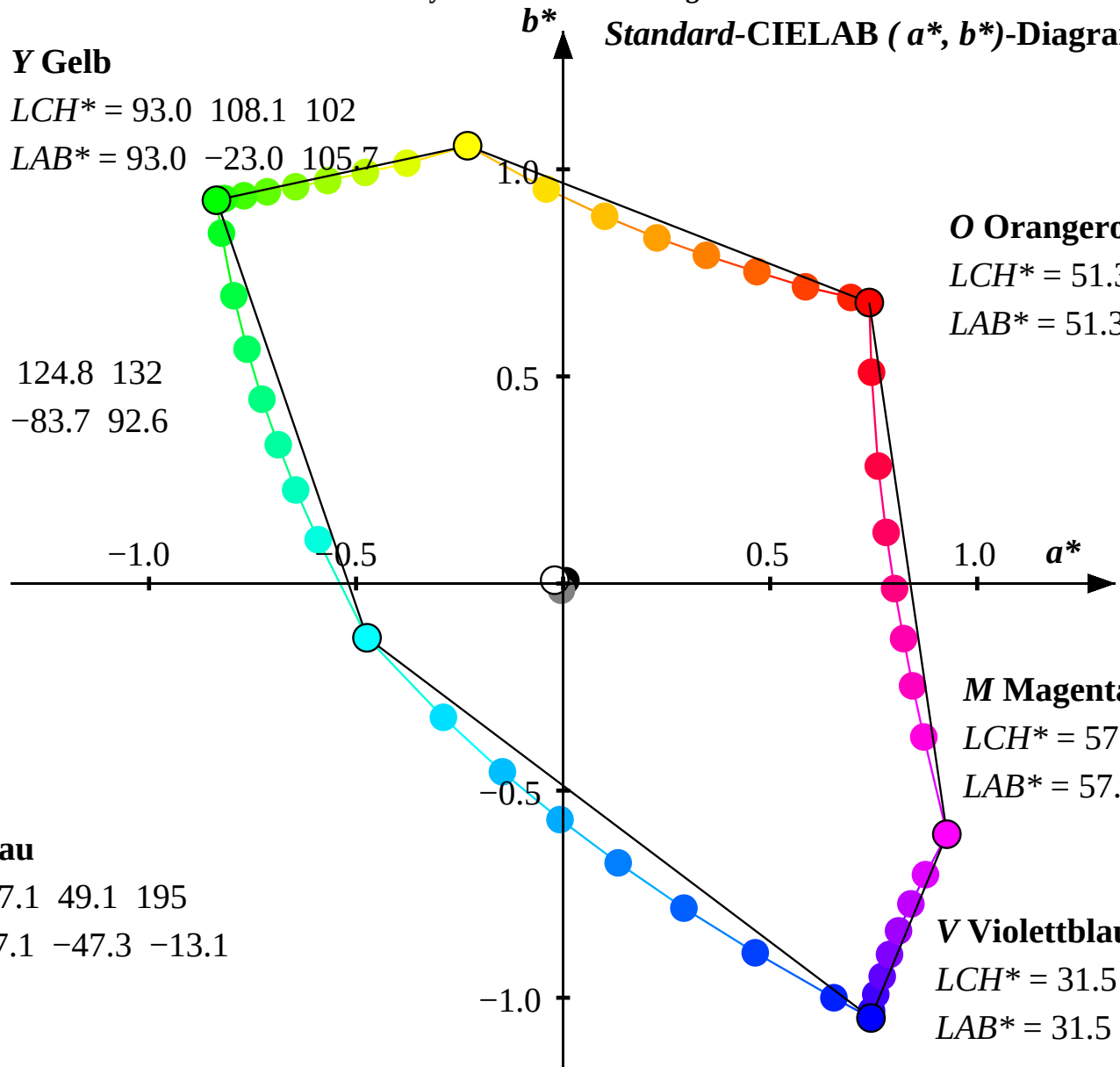
	Farbe	*r=olv*₁*	*g=olv*₂*	*b=olv*₃*	*L*=LAB*₁*	*a*=LAB*₂*	*b*=LAB*₃*	*C*ab=LAB*r*	h_{ab}	*X=XYZ₁*	*Y=XYZ₂*	*Z=XYZ₃*	*x*	*y*	*Y/88.59*
00	o00y	1.0	0.0	0.0	51.34	73.95	67.81	100.34	42	36.73	19.56	1.53	0.6352	0.3383	0.2208
01	o13y	1.0	0.125	0.0	52.88	69.41	69.1	97.94	44	37.38	20.94	1.67	0.6231	0.3491	0.2364
02	o25y	1.0	0.25	0.0	56.67	58.53	71.62	92.5	50	39.07	24.59	2.1	0.5941	0.3739	0.2776
03	o38y	1.0	0.375	0.0	60.94	46.76	75.25	88.6	57	41.2	29.19	2.58	0.5647	0.4	0.3294
04	o50y	1.0	0.5	0.0	65.67	34.54	79.21	86.41	66	43.92	34.9	3.18	0.5356	0.4256	0.394
05	o63y	1.0	0.625	0.0	70.53	22.68	83.46	86.49	74	47.09	41.51	3.87	0.5093	0.4489	0.4685
06	o75y	1.0	0.75	0.0	76.11	10.04	88.66	89.23	83	51.29	50.07	4.7	0.4836	0.4721	0.5652
07	o88y	1.0	0.875	0.0	82.88	−4.1	95.3	95.39	91	57.17	61.93	5.78	0.4578	0.4959	0.6991
08	y00l	1.0	1.0	0.0	93.02	−23.03	105.66	108.14	101	67.85	83.02	7.59	0.4282	0.5239	0.9371
09	y13l	0.875	1.0	0.0	90.46	−37.66	101.44	108.21	110	56.82	77.3	7.54	0.4011	0.5457	0.8726
10	y25l	0.75	1.0	0.0	88.84	−47.8	99.25	110.17	115	50.17	73.83	7.37	0.3819	0.562	0.8333
11	y38l	0.625	1.0	0.0	87.5	−56.87	97.28	112.69	120	44.84	71.04	7.28	0.3641	0.5768	0.8019
12	y50l	0.5	1.0	0.0	86.46	−64.58	95.74	115.49	123	40.76	68.91	7.21	0.3487	0.5896	0.7779
13	y63l	0.375	1.0	0.0	85.59	−71.44	94.55	118.51	127	37.41	67.16	7.13	0.3349	0.6013	0.7581
14	y75l	0.25	1.0	0.0	84.9	−77.04	93.63	121.26	129	34.84	65.81	7.05	0.3235	0.611	0.7429
15	y88l	0.125	1.0	0.0	84.37	−81.8	92.89	123.78	131	32.83	64.78	7.01	0.3138	0.6192	0.7312
16	l00c	0.0	1.0	0.0	84.13	−83.67	92.58	124.79	132	32.02	64.32	6.98	0.3099	0.6225	0.726
17	l13c	0.0	1.0	0.125	84.19	−82.51	84.59	118.18	134	32.41	64.43	9.32	0.3053	0.6069	0.7273
18	l25c	0.0	1.0	0.25	84.37	−79.56	69.42	105.59	139	33.46	64.78	15.15	0.2951	0.5713	0.7312
19	l38c	0.0	1.0	0.375	84.56	−76.33	56.59	95.03	143	34.63	65.15	21.68	0.2851	0.5364	0.7354
20	l50c	0.0	1.0	0.5	84.8	−72.68	44.45	85.2	148	36.0	65.61	29.45	0.2747	0.5006	0.7406
21	l63c	0.0	1.0	0.625	85.06	−68.82	33.52	76.56	154	37.52	66.13	37.93	0.265	0.4671	0.7464
22	l75c	0.0	1.0	0.75	85.4	−64.55	22.59	68.4	161	39.3	66.79	48.02	0.255	0.4334	0.7539
23	l88c	0.0	1.0	0.875	85.86	−59.18	10.56	60.12	170	41.67	67.71	61.21	0.2443	0.3969	0.7643
24	c00v	0.0	1.0	1.0	87.13	−47.31	−13.09	49.1	197	47.64	70.26	94.69	0.2241	0.3305	0.7931
25	c13v	0.0	0.875	1.0	75.26	−28.93	−32.32	43.39	230	36.79	48.69	92.87	0.2063	0.273	0.5496
26	c25v	0.0	0.75	1.0	67.12	−14.64	−45.51	47.81	254	30.86	36.8	91.64	0.1937	0.231	0.4154
27	c38v	0.0	0.675	1.0	60.15	−0.75	−56.92	56.94	270	26.71	28.29	90.77	0.1832	0.1941	0.3194
28	c50v	0.0	0.5	1.0	53.82	13.3	−67.45	68.76	282	23.59	21.8	90.19	0.174	0.1608	0.2461
29	c63v	0.0	0.375	1.0	47.27	29.17	−78.35	83.61	291	20.92	16.23	89.65	0.165	0.128	0.1832
30	c75v	0.0	0.25	1.0	40.81	46.42	−89.1	100.48	298	18.8	11.75	89.1	0.1571	0.0982	0.1326
31	c88v	0.0	0.125	1.0	34.43	65.45	−100.05	119.57	303	17.2	8.22	89.01	0.1503	0.0718	0.0927
32	v00m	0.0	0.0	1.0	31.5	74.31	−104.82	128.5	305	16.52	6.87	88.61	0.1475	0.0613	0.0775
33	v13m	0.125	0.0	1.0	32.47	74.54	−103.07	127.21	306	17.32	7.3	88.51	0.1531	0.0645	0.0824
34	v25m	0.25	0.0	1.0	34.72	75.5	−99.23	124.7	307	19.35	8.36	88.56	0.1664	0.0719	0.0944
35	v38m	0.375	0.0	1.0	37.32	77.05	−94.81	122.18	309	21.97	9.71	88.63	0.1826	0.0807	0.1096
36	v50m	0.5	0.0	1.0	40.39	78.85	−89.56	119.33	311	25.37	11.49	88.72	0.202	0.0915	0.1297
37	v63m	0.625	0.0	1.0	43.76	80.99	−83.81	116.56	314	29.51	13.67	88.8	0.2236	0.1036	0.1543
38	v75m	0.75	0.0	1.0	47.57	83.98	−77.37	114.19	317	34.88	16.46	88.98	0.2486	0.1173	0.1858
39	v88m	0.875	0.0	1.0	51.73	87.52	−70.22	112.21	321	41.54	19.91	89.02	0.2761	0.1323	0.2247
40	m00o	1.0	0.0	1.0	57.43	92.7	−60.52	110.71	327	52.1	25.36	89.19	0.3126	0.1522	0.2863
41	m13o	1.0	0.0	0.875	54.84	87.12	−37.05	94.67	337	45.97	22.78	54.92	0.3717	0.1842	0.2571
42	m25o	1.0	0.0	0.75	53.88	84.43	−24.75	87.99	343	43.6	21.86	41.7	0.4069	0.204	0.2468
43	m38o	1.0	0.0	0.675	53.2	82.21	−13.3	83.28	350	41.88	21.23	31.75	0.4415	0.2238	0.2396
44	m50o	1.0	0.0	0.5	52.6	80.04	−1.23	80.05	359	40.33	20.68	23.24	0.4787	0.2455	0.2335
45	m63o	1.0	0.0	0.375	52.09	78.0	12.39	78.97	8	38.98	20.22	15.76	0.52	0.2698	0.2283
46	m75o	1.0	0.0	0.25	51.63	76.07	28.3	81.16	20	37.77	19.82	9.37	0.564	0.296	0.2237
47	m88o	1.0	0.0	0.125	51.27	74.47	51.04	90.28	34	36.8	19.5	3.73	0.613	0.3249	0.2202
48	o00y	1.0	0.0	0.0	51.34	73.95	67.81	100.34	42	36.73	19.56	1.53	0.6352	0.3383	0.2208
49	n00w	0.0	0.0	0.0	8.04	0.63	0.72	0.96	0	0.86	0.89	0.92	0.3226	0.3333	0.0101
50	n13w	0.125	0.125	0.125	19.17	0.63	−1.68	1.8	278	2.68	2.79	3.29	0.306	0.318	0.0315
51	n25w	0.25	0.25	0.25	33.35	0.59	−3.43	3.49	280	7.38	7.7	9.44	0.3009	0.314	0.0869
52	n38w	0.375	0.375	0.375	44.14	−0.23	−2.75	2.77	274	13.2	13.93	16.41	0.3032	0.3199	0.1573
53	n50w	0.5	0.5	0.5	53.76	−0.41	−1.68	1.74	278	20.58	21.75	24.69	0.3071	0.3245	0.2455
54	n63w	0.625	0.625	0.625	62.5	−0.25	−0.32	0.42	306	29.39	31.0	34.0	0.3114	0.3284	0.3499
55	n75w	0.75	0.75	0.75	71.54	−0.4	1.97	2.01	53	40.71	42.97	44.98	0.3164	0.334	0.4851
56	n88w	0.875	0.875	0.875	81.43	−1.71	4.47	4.79	91	55.63	59.26	59.51	0.319	0.3398	0.6689
57	n99w	1.0	1.0	1.0	95.41	−2.05	0.78	2.2	0	83.12	88.59	95.29	0.3113	0.3318	1.0

JG020−7N, Farbmetrische Daten des Fernseh-Lichtfarben-Systems TLS08 für CIE-Normlichtart D65; LECD-Monitor; Seite: 1/44

Farbmetrische "Norm-Daten": Fernseh-Lichtfarben-System TLS08 für Helligkeit *L=08 von Schwarz für Lichtart D65**

System TLS08
LECD-Monitor

Standard-CIELAB *(a*, b*)*-Diagramm



Y Gelb
*LCH** = 93.0 108.1 102
*LAB** = 93.0 −23.0 105.7

O Orangerot
*LCH** = 51.3 100.3 43
*LAB** = 51.3 74.0 67.8

L Laubgrün
*LCH** = 84.1 124.8 132
*LAB** = 84.1 −83.7 92.6

M Magentarot
*LCH** = 57.4 110.7 327
*LAB** = 57.4 92.7 −60.5

C Cyanblau
*LCH** = 87.1 49.1 195
*LAB** = 87.1 −47.3 −13.1

V Violettblau
*LCH** = 31.5 128.5 305
*LAB** = 31.5 74.3 −104.8

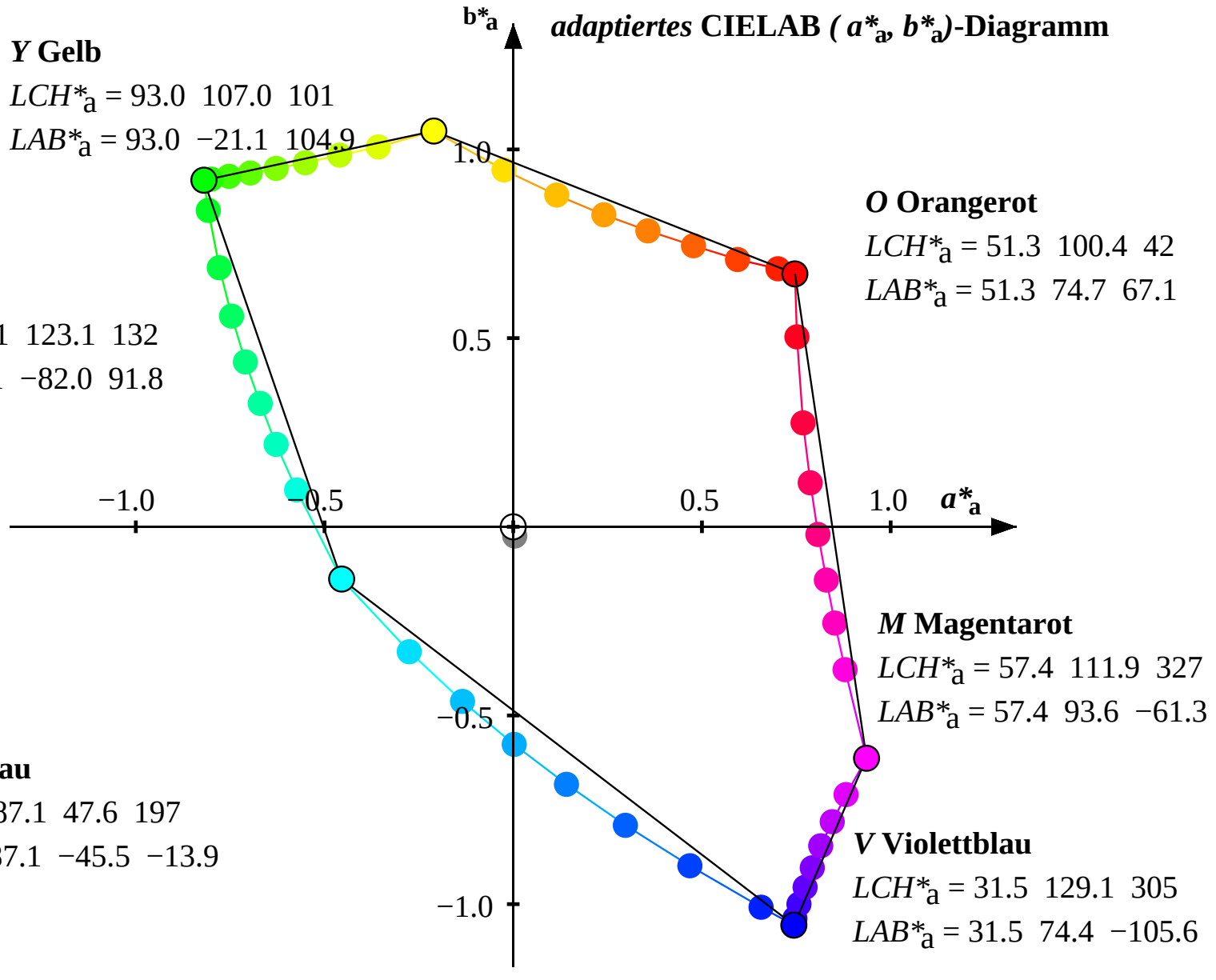
Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS08a für Helligkeit *L**=08 von Schwarz für Lichtart D65

System TLS08a
LECD-Monitor

	Farbe	*r=olv*1*	*g=olv*2*	*b=olv*3*	$L^*_a=LAB^*_{1a}$	$a^*_a=LAB^*_{2a}$	$b^*_a=LAB^*_{3a}$	$C^*_{ab,a}=LAB^*_{ra}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	Y_a/88.59
00	o00y	1.0	0.0	0.0	51.34	74.65	67.07	100.35	42	36.94	19.56	1.6	0.6357	0.3366	0.2208
01	o13y	1.0	0.125	0.0	52.88	70.16	68.35	97.95	44	37.61	20.94	1.74	0.6237	0.3473	0.2364
02	o25y	1.0	0.25	0.0	56.67	59.4	70.87	92.47	50	39.34	24.59	2.19	0.595	0.3718	0.2776
03	o38y	1.0	0.375	0.0	60.94	47.76	74.5	88.49	57	41.53	29.19	2.68	0.5658	0.3977	0.3294
04	o50y	1.0	0.5	0.0	65.67	35.68	78.45	86.19	66	44.31	34.9	3.3	0.537	0.423	0.394
05	o63y	1.0	0.625	0.0	70.53	23.98	82.7	86.11	74	47.56	41.51	4.0	0.511	0.446	0.4685
06	o75y	1.0	0.75	0.0	76.11	11.51	87.9	88.65	83	51.84	50.07	4.85	0.4856	0.469	0.5652
07	o88y	1.0	0.875	0.0	82.88	−2.43	94.53	94.57	91	57.86	61.93	5.96	0.4601	0.4925	0.6991
08	y00l	1.0	1.0	0.0	93.02	−21.05	104.88	106.97	101	68.76	83.02	7.81	0.4309	0.5202	0.9371
09	y13l	0.875	1.0	0.0	90.46	−35.75	100.66	106.83	110	57.59	77.3	7.75	0.4038	0.5419	0.8726
10	y25l	0.75	1.0	0.0	88.84	−45.94	98.48	108.67	115	50.86	73.82	7.58	0.3845	0.5581	0.8333
11	y38l	0.625	1.0	0.0	87.5	−55.06	96.51	111.12	120	45.47	71.04	7.49	0.3667	0.5729	0.8019
12	y50l	0.5	1.0	0.0	86.46	−62.8	94.97	113.86	123	41.34	68.91	7.42	0.3513	0.5856	0.7779
13	y63l	0.375	1.0	0.0	85.59	−69.68	93.78	116.84	127	37.95	67.16	7.33	0.3375	0.5973	0.7581
14	y75l	0.25	1.0	0.0	84.9	−75.31	92.87	119.57	129	35.35	65.81	7.26	0.3261	0.607	0.7429
15	y88l	0.125	1.0	0.0	84.37	−80.07	92.12	122.07	131	33.31	64.78	7.21	0.3164	0.6151	0.7312
16	l00c	0.0	1.0	0.0	84.13	−81.96	91.81	123.08	132	32.49	64.32	7.19	0.3124	0.6184	0.726
17	l13c	0.0	1.0	0.125	84.19	−80.8	83.83	116.43	134	32.89	64.43	9.57	0.3077	0.6028	0.7273
18	l25c	0.0	1.0	0.25	84.37	−77.84	68.65	103.79	139	33.95	64.78	15.49	0.2973	0.5671	0.7312
19	l38c	0.0	1.0	0.375	84.56	−74.6	55.82	93.18	143	35.13	65.15	22.11	0.287	0.5323	0.7354
20	l50c	0.0	1.0	0.5	84.8	−70.94	43.68	83.32	148	36.52	65.61	29.98	0.2765	0.4966	0.7406
21	l63c	0.0	1.0	0.625	85.06	−67.08	32.75	74.65	154	38.05	66.13	38.55	0.2666	0.4633	0.7464
22	l75c	0.0	1.0	0.75	85.4	−62.8	21.82	66.49	161	39.85	66.79	48.75	0.2565	0.4298	0.7539
23	l88c	0.0	1.0	0.875	85.86	−57.41	9.79	58.25	170	42.26	67.71	62.07	0.2456	0.3936	0.7643
24	c00v	0.0	1.0	1.0	87.13	−45.5	−13.86	47.58	197	48.3	70.26	95.84	0.2253	0.3277	0.7931
25	c13v	0.0	0.875	1.0	75.26	−27.49	−33.08	43.03	230	37.23	48.69	93.99	0.2069	0.2706	0.5496
26	c25v	0.0	0.75	1.0	67.12	−13.45	−46.26	48.19	254	31.18	36.8	92.75	0.194	0.2289	0.4154
27	c38v	0.0	0.675	1.0	60.15	0.22	−57.68	57.69	270	26.94	28.29	91.87	0.1832	0.1923	0.3194
28	c50v	0.0	0.5	1.0	53.82	14.08	−68.2	69.65	282	23.77	21.8	91.28	0.1737	0.1593	0.2461
29	c63v	0.0	0.375	1.0	47.27	29.74	−79.09	84.51	291	21.04	16.23	90.72	0.1644	0.1268	0.1832
30	c75v	0.0	0.25	1.0	40.81	46.8	−89.84	101.31	298	18.87	11.75	90.16	0.1562	0.0973	0.1326
31	c88v	0.0	0.125	1.0	34.43	65.63	−100.79	120.28	303	17.23	8.22	90.06	0.1492	0.0711	0.0927
32	v00m	0.0	0.0	1.0	31.5	74.4	−105.56	129.15	305	16.54	6.87	89.66	0.1463	0.0607	0.0775
33	v13m	0.125	0.0	1.0	32.47	74.66	−103.81	127.87	306	17.34	7.3	89.56	0.1519	0.0639	0.0824
34	v25m	0.25	0.0	1.0	34.72	75.69	−99.97	125.4	307	19.38	8.36	89.61	0.1652	0.0712	0.0944
35	v38m	0.375	0.0	1.0	37.32	77.32	−95.55	122.92	309	22.03	9.71	89.69	0.1814	0.08	0.1096
36	v50m	0.5	0.0	1.0	40.39	79.21	−90.3	120.13	311	25.45	11.49	89.78	0.2009	0.0907	0.1297
37	v63m	0.625	0.0	1.0	43.76	81.46	−84.56	117.42	314	29.63	13.67	89.86	0.2225	0.1027	0.1543
38	v75m	0.75	0.0	1.0	47.57	84.56	−78.11	115.13	317	35.06	16.46	90.05	0.2476	0.1163	0.1858
39	v88m	0.875	0.0	1.0	51.73	88.23	−70.97	113.24	321	41.78	19.91	90.09	0.2753	0.1312	0.2247
40	m00o	1.0	0.0	1.0	57.43	93.59	−61.28	111.87	327	52.44	25.36	90.27	0.312	0.1509	0.2863
41	m13o	1.0	0.0	0.875	54.84	87.93	−37.8	95.71	337	46.25	22.78	55.7	0.3708	0.1826	0.2571
42	m25o	1.0	0.0	0.75	53.88	85.21	−25.5	88.95	343	43.87	21.86	42.34	0.4059	0.2023	0.2468
43	m38o	1.0	0.0	0.675	53.2	82.97	−14.05	84.15	350	42.13	21.23	32.29	0.4405	0.2219	0.2396
44	m50o	1.0	0.0	0.5	52.6	80.78	−1.98	80.8	359	40.57	20.68	23.67	0.4777	0.2435	0.2335
45	m63o	1.0	0.0	0.375	52.09	78.72	11.65	79.58	8	39.21	20.22	16.09	0.5191	0.2678	0.2283
46	m75o	1.0	0.0	0.25	51.63	76.78	27.55	81.57	20	37.99	19.82	9.61	0.5634	0.294	0.2237
47	m88o	1.0	0.0	0.125	51.27	75.17	50.3	90.44	34	37.01	19.5	3.86	0.613	0.3231	0.2202
48	o00y	1.0	0.0	0.0	51.34	74.65	67.07	100.35	42	36.94	19.56	1.6	0.6357	0.3366	0.2208
49	n00w	0.0	0.0	0.0	8.04	0.0	0.0	0.01	0	0.85	0.89	0.97	0.3127	0.329	0.0101
50	n13w	0.125	0.125	0.125	19.17	0.34	−2.41	2.44	278	2.67	2.79	3.41	0.3008	0.3144	0.0315
51	n25w	0.25	0.25	0.25	33.35	0.73	−4.17	4.24	280	7.39	7.7	9.68	0.2985	0.3108	0.0869
52	n38w	0.375	0.375	0.375	44.14	0.24	−3.5	3.51	274	13.28	13.93	16.76	0.302	0.3168	0.1573
53	n50w	0.5	0.5	0.5	53.76	0.35	−2.43	2.46	278	20.74	21.75	25.14	0.3067	0.3215	0.2455
54	n63w	0.625	0.625	0.625	62.5	0.79	−1.08	1.34	306	29.66	31.0	34.57	0.3115	0.3255	0.3499
55	n75w	0.75	0.75	0.75	71.54	0.92	1.21	1.52	53	41.14	42.97	45.67	0.317	0.3311	0.4851
56	n88w	0.875	0.875	0.875	81.43	−0.08	3.71	3.71	91	56.29	59.26	60.35	0.32	0.3369	0.6689
57	n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS08a für Helligkeit *L=08 von Schwarz für Lichtart D65**

System TLS08a
LECD-Monitor



***Y* Gelb**
*LCH**a = 93.0 107.0 101
*LAB**a = 93.0 −21.1 104.9

***O* Orangerot**
*LCH**a = 51.3 100.4 42
*LAB**a = 51.3 74.7 67.1

***L* Laubgrün**
*LCH**a = 84.1 123.1 132
*LAB**a = 84.1 −82.0 91.8

***M* Magentarot**
*LCH**a = 57.4 111.9 327
*LAB**a = 57.4 93.6 −61.3

***C* Cyanblau**
*LCH**a = 87.1 47.6 197
*LAB**a = 87.1 −45.5 −13.9

***V* Violettblau**
*LCH**a = 31.5 129.1 305
*LAB**a = 31.5 74.4 −105.6

Farbmetrische "Adaptierte Daten (a0)": Fernseh-Lichtfarben-System TLS00a0 für Helligkeit *L**=00 von Schwarz für Lichtart D65

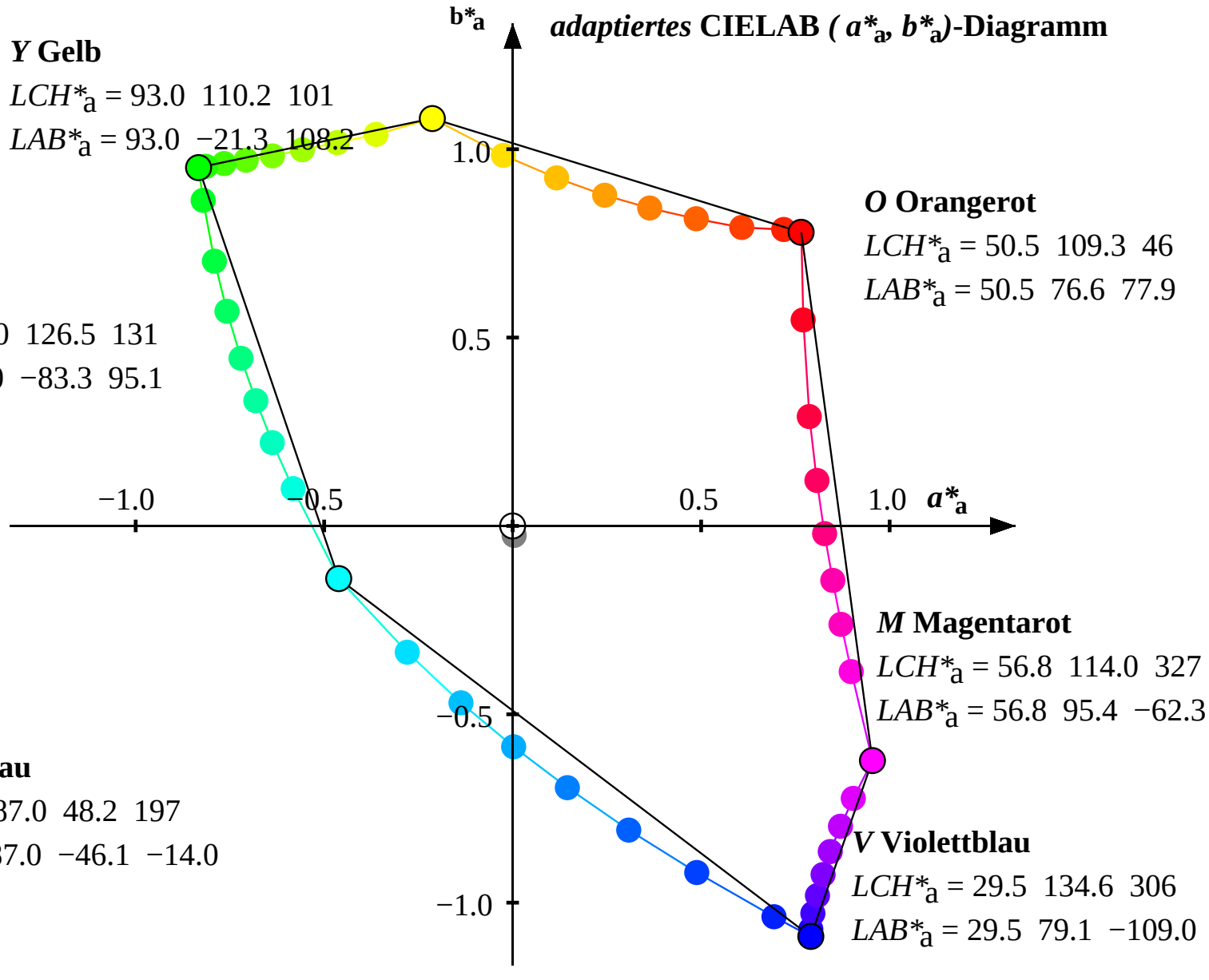
System TLS00a0
LECD-Monitor

	Farbe	*r=olv*1*	*g=olv*2*	*b=olv*3*	$L^*_a=LAB^*_{1a}$	$a^*_a=LAB^*_{2a}$	$b^*_a=LAB^*_{3a}$	$C^*_{ab,a}=LAB^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	Y_a/88.59
00	o00y	1.0	0.0	0.0	50.52	76.57	77.94	109.26	46	36.46	18.86	0.64	0.6515	0.337	0.2274
01	o13y	1.0	0.125	0.0	52.12	71.9	78.68	106.58	48	37.13	20.25	0.78	0.6384	0.3482	0.2441
02	o25y	1.0	0.25	0.0	56.03	60.74	79.23	99.83	53	38.89	23.94	1.24	0.607	0.3737	0.2886
03	o38y	1.0	0.375	0.0	60.41	48.74	81.5	94.96	59	41.1	28.58	1.73	0.5755	0.4003	0.3445
04	o50y	1.0	0.5	0.0	65.24	36.34	84.36	91.85	67	43.91	34.36	2.35	0.5446	0.4262	0.4141
05	o63y	1.0	0.625	0.0	70.2	24.38	87.8	91.12	74	47.19	41.03	3.06	0.5169	0.4495	0.4946
06	o75y	1.0	0.75	0.0	75.87	11.68	92.34	93.08	83	51.52	49.68	3.92	0.4901	0.4726	0.5988
07	o88y	1.0	0.875	0.0	82.73	−2.46	98.41	98.44	91	57.59	61.66	5.04	0.4633	0.4961	0.7433
08	y00l	1.0	1.0	0.0	93.0	−21.28	108.16	110.24	101	68.61	82.96	6.91	0.4329	0.5235	1.0
09	y13l	0.875	1.0	0.0	90.41	−36.19	103.92	110.04	109	57.32	77.19	6.85	0.4055	0.546	0.9304
10	y25l	0.75	1.0	0.0	88.77	−46.54	101.76	111.9	115	50.52	73.68	6.68	0.386	0.5629	0.8881
11	y38l	0.625	1.0	0.0	87.42	−55.81	99.8	114.35	119	45.08	70.86	6.58	0.3679	0.5783	0.8541
12	y50l	0.5	1.0	0.0	86.36	−63.7	98.26	117.11	123	40.9	68.71	6.52	0.3522	0.5917	0.8283
13	y63l	0.375	1.0	0.0	85.48	−70.73	97.08	120.12	126	37.48	66.94	6.43	0.3381	0.6039	0.8069
14	y75l	0.25	1.0	0.0	84.78	−76.49	96.18	122.9	128	34.86	65.58	6.35	0.3264	0.6141	0.7905
15	y88l	0.125	1.0	0.0	84.24	−81.37	95.45	125.43	130	32.8	64.53	6.31	0.3165	0.6227	0.7779
16	l00c	0.0	1.0	0.0	84.0	−83.3	95.14	126.46	131	31.97	64.07	6.28	0.3124	0.6262	0.7723
17	l13c	0.0	1.0	0.125	84.06	−82.11	86.43	119.22	134	32.37	64.19	8.69	0.3076	0.6099	0.7737
18	l25c	0.0	1.0	0.25	84.24	−79.08	70.31	105.83	138	33.44	64.53	14.67	0.2969	0.5729	0.7779
19	l38c	0.0	1.0	0.375	84.44	−75.78	56.96	94.81	143	34.63	64.91	21.36	0.2865	0.5369	0.7824
20	l50c	0.0	1.0	0.5	84.68	−72.04	44.45	84.66	148	36.04	65.38	29.3	0.2757	0.5001	0.788
21	l63c	0.0	1.0	0.625	84.94	−68.09	33.27	75.8	154	37.58	65.9	37.96	0.2657	0.4659	0.7943
22	l75c	0.0	1.0	0.75	85.28	−63.73	22.13	67.47	161	39.4	66.57	48.27	0.2555	0.4316	0.8024
23	l88c	0.0	1.0	0.875	85.75	−58.24	9.92	59.09	170	41.83	67.49	61.72	0.2446	0.3946	0.8136
24	c00v	0.0	1.0	1.0	87.03	−46.11	−14.02	48.21	197	47.93	70.08	95.84	0.2241	0.3277	0.8447
25	c13v	0.0	0.875	1.0	75.0	−27.97	−33.5	43.66	230	36.75	48.28	93.97	0.2053	0.2697	0.582
26	c25v	0.0	0.75	1.0	66.73	−13.73	−46.92	48.9	254	30.64	36.27	92.71	0.1919	0.2272	0.4372
27	c38v	0.0	0.675	1.0	59.6	0.22	−58.6	58.61	270	26.36	27.68	91.82	0.1807	0.1898	0.3337
28	c50v	0.0	0.5	1.0	53.09	14.5	−69.42	70.93	282	23.15	21.12	91.22	0.1709	0.1559	0.2546
29	c63v	0.0	0.375	1.0	46.31	30.82	−80.72	86.42	291	20.4	15.5	90.66	0.1612	0.1224	0.1868
30	c75v	0.0	0.25	1.0	39.53	48.89	−92.02	104.21	298	18.21	10.97	90.09	0.1526	0.092	0.1322
31	c88v	0.0	0.125	1.0	32.7	69.31	−103.72	124.76	304	16.55	7.4	90.0	0.1452	0.0649	0.0892
32	v00m	0.0	0.0	1.0	29.5	79.08	−108.95	134.64	306	15.85	6.04	89.59	0.1422	0.0541	0.0728
33	v13m	0.125	0.0	1.0	30.57	79.11	−107.04	133.1	306	16.66	6.47	89.49	0.148	0.0575	0.078
34	v25m	0.25	0.0	1.0	33.02	79.67	−102.86	130.11	308	18.73	7.54	89.54	0.1617	0.0651	0.0909
35	v38m	0.375	0.0	1.0	35.81	80.86	−98.1	127.14	309	21.4	8.91	89.62	0.1784	0.0743	0.1074
36	v50m	0.5	0.0	1.0	39.08	82.32	−92.52	123.85	312	24.86	10.71	89.71	0.1984	0.0855	0.1291
37	v63m	0.625	0.0	1.0	42.63	84.2	−86.46	120.69	314	29.08	12.91	89.79	0.2207	0.098	0.1556
38	v75m	0.75	0.0	1.0	46.61	86.98	−79.72	117.99	317	34.56	15.73	89.98	0.2464	0.1121	0.1896
39	v88m	0.875	0.0	1.0	50.93	90.37	−72.31	115.74	321	41.35	19.21	90.02	0.2746	0.1276	0.2315
40	m00o	1.0	0.0	1.0	56.8	95.44	−62.31	113.98	327	52.11	24.72	90.21	0.312	0.148	0.298
41	m13o	1.0	0.0	0.875	54.14	89.85	−38.61	97.79	337	45.87	22.11	55.29	0.3721	0.1794	0.2665
42	m25o	1.0	0.0	0.75	53.15	87.15	−26.12	90.98	343	43.46	21.18	41.79	0.4083	0.199	0.2553
43	m38o	1.0	0.0	0.675	52.45	84.91	−14.45	86.14	350	41.7	20.54	31.64	0.4442	0.2188	0.2476
44	m50o	1.0	0.0	0.5	51.83	82.73	−2.04	82.75	359	40.12	19.99	22.94	0.4831	0.2407	0.241
45	m63o	1.0	0.0	0.375	51.3	80.67	12.1	81.57	9	38.75	19.53	15.28	0.5268	0.2655	0.2354
46	m75o	1.0	0.0	0.25	50.83	78.72	28.97	83.89	20	37.52	19.12	8.73	0.5739	0.2925	0.2305
47	m88o	1.0	0.0	0.125	50.46	77.1	54.73	94.55	35	36.53	18.8	2.92	0.6271	0.3228	0.2267
48	o00y	1.0	0.0	0.0	50.52	76.57	77.94	109.26	46	36.46	18.86	0.64	0.6515	0.337	0.2274
49	n00w	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0	0.0	0.0	0.0	0.0	0.0	0.0
50	n13w	0.125	0.125	0.125	15.04	0.44	−3.07	3.11	278	1.84	1.92	2.47	0.2955	0.3079	0.0231
51	n25w	0.25	0.25	0.25	31.53	0.8	−4.51	4.59	280	6.61	6.88	8.8	0.2967	0.3086	0.0829
52	n38w	0.375	0.375	0.375	43.02	0.26	−3.66	3.68	274	12.56	13.17	15.95	0.3013	0.316	0.1588
53	n50w	0.5	0.5	0.5	53.02	0.36	−2.5	2.54	278	20.1	21.07	24.42	0.3064	0.3212	0.2539
54	n63w	0.625	0.625	0.625	62.01	0.81	−1.1	1.37	306	29.11	30.41	33.94	0.3115	0.3254	0.3666
55	n75w	0.75	0.75	0.75	71.22	0.93	1.23	1.54	53	40.7	42.51	45.16	0.3171	0.3312	0.5124
56	n88w	0.875	0.875	0.875	81.27	−0.08	3.76	3.76	91	56.0	58.96	59.98	0.3201	0.337	0.7107
57	n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0679

n = 88.59 / (88.59 − 0.89) = 1.01

Farbmetrische "Adaptierte Daten (a0)": Fernseh-Lichtfarben-System TLS00a0 für Helligkeit *L=00 von Schwarz für Lichtart D65**

System TLS00a0
LECD-Monitor



TUB-Prüfvorlage JG02; Buntonkreis und farbmetrische Daten
Display-Messung: LECD−(LED−LCD−) und LCD−Monitor

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

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS00a für Helligkeit *L**=00 von Schwarz für Lichtart D65

System TLS00a
LECD-Monitor

D65-Reflexion:
Y_N = 0.0
L^*_N = 0.0

Farbe	r=olv*1	g=olv*2	b=olv*3	L*a=LAB*1a	a*a=LAB*2a	b*a=LAB*3a	C*ab,a=LAB*ab,a	hab,a	Xa=XYZ1a	Ya=XYZ2a	Za=XYZ3a	xa	ya	Ya/88.59
00 o00y	1.0	0.0	0.0	50.52	76.57	77.94	109.26	46	36.46	18.86	0.64	0.6515	0.337	0.2274
01 o13y	1.0	0.125	0.0	52.12	71.9	78.68	106.58	48	37.13	20.25	0.78	0.6384	0.3482	0.2441
02 o25y	1.0	0.25	0.0	56.03	60.74	79.23	99.83	53	38.89	23.94	1.24	0.607	0.3737	0.2886
03 o38y	1.0	0.375	0.0	60.41	48.74	81.5	94.96	59	41.1	28.58	1.73	0.5755	0.4003	0.3445
04 o50y	1.0	0.5	0.0	65.24	36.34	84.36	91.85	67	43.91	34.36	2.35	0.5446	0.4262	0.4141
05 o63y	1.0	0.625	0.0	70.2	24.38	87.8	91.12	74	47.19	41.03	3.06	0.5169	0.4495	0.4946
06 o75y	1.0	0.75	0.0	75.87	11.68	92.34	93.08	83	51.52	49.68	3.92	0.4901	0.4726	0.5988
07 o88y	1.0	0.875	0.0	82.73	−2.46	98.41	98.44	91	57.59	61.66	5.04	0.4633	0.4961	0.7433
08 y00l	1.0	1.0	0.0	93.0	−21.28	108.16	110.24	101	68.61	82.96	6.91	0.4329	0.5235	1.0
09 y13l	0.875	1.0	0.0	90.41	−36.19	103.92	110.04	109	57.32	77.19	6.85	0.4055	0.546	0.9304
10 y25l	0.75	1.0	0.0	88.77	−46.54	101.76	111.9	115	50.52	73.68	6.68	0.386	0.5629	0.8881
11 y38l	0.625	1.0	0.0	87.42	−55.81	99.8	114.35	119	45.08	70.86	6.58	0.3679	0.5783	0.8541
12 y50l	0.5	1.0	0.0	86.36	−63.7	98.26	117.11	123	40.9	68.71	6.52	0.3522	0.5917	0.8283
13 y63l	0.375	1.0	0.0	85.48	−70.73	97.08	120.12	126	37.48	66.94	6.43	0.3381	0.6039	0.8069
14 y75l	0.25	1.0	0.0	84.78	−76.49	96.18	122.9	128	34.86	65.58	6.35	0.3264	0.6141	0.7905
15 y88l	0.125	1.0	0.0	84.24	−81.37	95.45	125.43	130	32.8	64.53	6.31	0.3165	0.6227	0.7779
16 l00c	0.0	1.0	0.0	84.0	−83.3	95.14	126.46	131	31.97	64.07	6.28	0.3124	0.6262	0.7723
17 l13c	0.0	1.0	0.125	84.06	−82.11	86.43	119.22	134	32.37	64.19	8.69	0.3076	0.6099	0.7737
18 l25c	0.0	1.0	0.25	84.24	−79.08	70.31	105.83	138	33.44	64.53	14.67	0.2969	0.5729	0.7779
19 l38c	0.0	1.0	0.375	84.44	−75.78	56.96	94.81	143	34.63	64.91	21.36	0.2865	0.5369	0.7824
20 l50c	0.0	1.0	0.5	84.68	−72.04	44.45	84.66	148	36.04	65.38	29.3	0.2757	0.5001	0.788
21 l63c	0.0	1.0	0.625	84.94	−68.09	33.27	75.8	154	37.58	65.9	37.96	0.2657	0.4659	0.7943
22 l75c	0.0	1.0	0.75	85.28	−63.73	22.13	67.47	161	39.4	66.57	48.27	0.2555	0.4316	0.8024
23 l88c	0.0	1.0	0.875	85.75	−58.24	9.92	59.09	170	41.83	67.49	61.72	0.2446	0.3946	0.8136
24 c00v	0.0	1.0	1.0	87.03	−46.11	−14.02	48.21	197	47.93	70.08	95.84	0.2241	0.3277	0.8447
25 c13v	0.0	0.875	1.0	75.0	−27.97	−33.5	43.66	230	36.75	48.28	93.97	0.2053	0.2697	0.582
26 c25v	0.0	0.75	1.0	66.73	−13.73	−46.92	48.9	254	30.64	36.27	92.71	0.1919	0.2272	0.4372
27 c38v	0.0	0.675	1.0	59.6	0.22	−58.6	58.61	270	26.36	27.68	91.82	0.1807	0.1898	0.3337
28 c50v	0.0	0.5	1.0	53.09	14.5	−69.42	70.93	282	23.15	21.12	91.22	0.1709	0.1559	0.2546
29 c63v	0.0	0.375	1.0	46.31	30.82	−80.72	86.42	291	20.4	15.5	90.66	0.1612	0.1224	0.1868
30 c75v	0.0	0.25	1.0	39.53	48.89	−92.02	104.21	298	18.21	10.97	90.09	0.1526	0.092	0.1322
31 c88v	0.0	0.125	1.0	32.7	69.31	−103.72	124.76	304	16.55	7.4	90.0	0.1452	0.0649	0.0892
32 v00m	0.0	0.0	1.0	29.5	79.08	−108.95	134.64	306	15.85	6.04	89.59	0.1422	0.0541	0.0728
33 v13m	0.125	0.0	1.0	30.57	79.11	−107.04	133.1	306	16.66	6.47	89.49	0.148	0.0575	0.078
34 v25m	0.25	0.0	1.0	33.02	79.67	−102.86	130.11	308	18.73	7.54	89.54	0.1617	0.0651	0.0909
35 v38m	0.375	0.0	1.0	35.81	80.86	−98.1	127.14	309	21.4	8.91	89.62	0.1784	0.0743	0.1074
36 v50m	0.5	0.0	1.0	39.08	82.32	−92.52	123.85	312	24.86	10.71	89.71	0.1984	0.0855	0.1291
37 v63m	0.625	0.0	1.0	42.63	84.2	−86.46	120.69	314	29.08	12.91	89.79	0.2207	0.098	0.1556
38 v75m	0.75	0.0	1.0	46.61	86.98	−79.72	117.99	317	34.56	15.73	89.98	0.2464	0.1121	0.1896
39 v88m	0.875	0.0	1.0	50.93	90.37	−72.31	115.74	321	41.35	19.21	90.02	0.2746	0.1276	0.2315
40 m00o	1.0	0.0	1.0	56.8	95.44	−62.31	113.98	327	52.11	24.72	90.21	0.312	0.148	0.298
41 m13o	1.0	0.0	0.875	54.14	89.85	−38.61	97.79	337	45.87	22.11	55.29	0.3721	0.1794	0.2665
42 m25o	1.0	0.0	0.75	53.15	87.15	−26.12	90.98	343	43.46	21.18	41.79	0.4083	0.199	0.2553
43 m38o	1.0	0.0	0.675	52.45	84.91	−14.45	86.14	350	41.7	20.54	31.64	0.4442	0.2188	0.2476
44 m50o	1.0	0.0	0.5	51.83	82.73	−2.04	82.75	359	40.12	19.99	22.94	0.4831	0.2407	0.241
45 m63o	1.0	0.0	0.375	51.3	80.67	12.1	81.57	9	38.75	19.53	15.28	0.5268	0.2655	0.2354
46 m75o	1.0	0.0	0.25	50.83	78.72	28.97	83.89	20	37.52	19.12	8.73	0.5739	0.2925	0.2305
47 m88o	1.0	0.0	0.125	50.46	77.1	54.73	94.55	35	36.53	18.8	2.92	0.6271	0.3228	0.2267
48 o00y	1.0	0.0	0.0	50.52	76.57	77.94	109.26	46	36.46	18.86	0.64	0.6515	0.337	0.2274
49 n00w	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0	0.0	0.0	0.0	0.0	0.0	0.0
50 n13w	0.125	0.125	0.125	15.04	0.44	−3.07	3.11	278	1.84	1.92	2.47	0.2955	0.3079	0.0231
51 n25w	0.25	0.25	0.25	31.53	0.8	−4.51	4.59	280	6.61	6.88	8.8	0.2967	0.3086	0.0829
52 n38w	0.375	0.375	0.375	43.02	0.26	−3.66	3.68	274	12.56	13.17	15.95	0.3013	0.316	0.1588
53 n50w	0.5	0.5	0.5	53.02	0.36	−2.5	2.54	278	20.1	21.07	24.42	0.3064	0.3212	0.2539
54 n63w	0.625	0.625	0.625	62.01	0.81	−1.1	1.37	306	29.11	30.41	33.94	0.3115	0.3254	0.3666
55 n75w	0.75	0.75	0.75	71.22	0.93	1.23	1.54	53	40.7	42.51	45.16	0.3171	0.3312	0.5124
56 n88w	0.875	0.875	0.875	81.27	−0.08	3.76	3.76	91	56.0	58.96	59.98	0.3201	0.337	0.7107
57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0679

n = 88.59 / (88.59 + 0.0) = 1.0

TUB-Prüfvorlage JG02; Buntontkreis und farbmetrische Daten
Display-Messung: LECD−(LED−LCD−) und LCD−Monitor

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

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS00a für Helligkeit *L=00 von Schwarz für Lichtart D65**

System TLS00a
LECD-Monitor

D65-Reflexion:
Y_N = 0.0
L^*_N = 0.0

***Y* Gelb**
*LCH**a = 93.0 110.2 101
*LAB**a = 93.0 −21.3 108.2

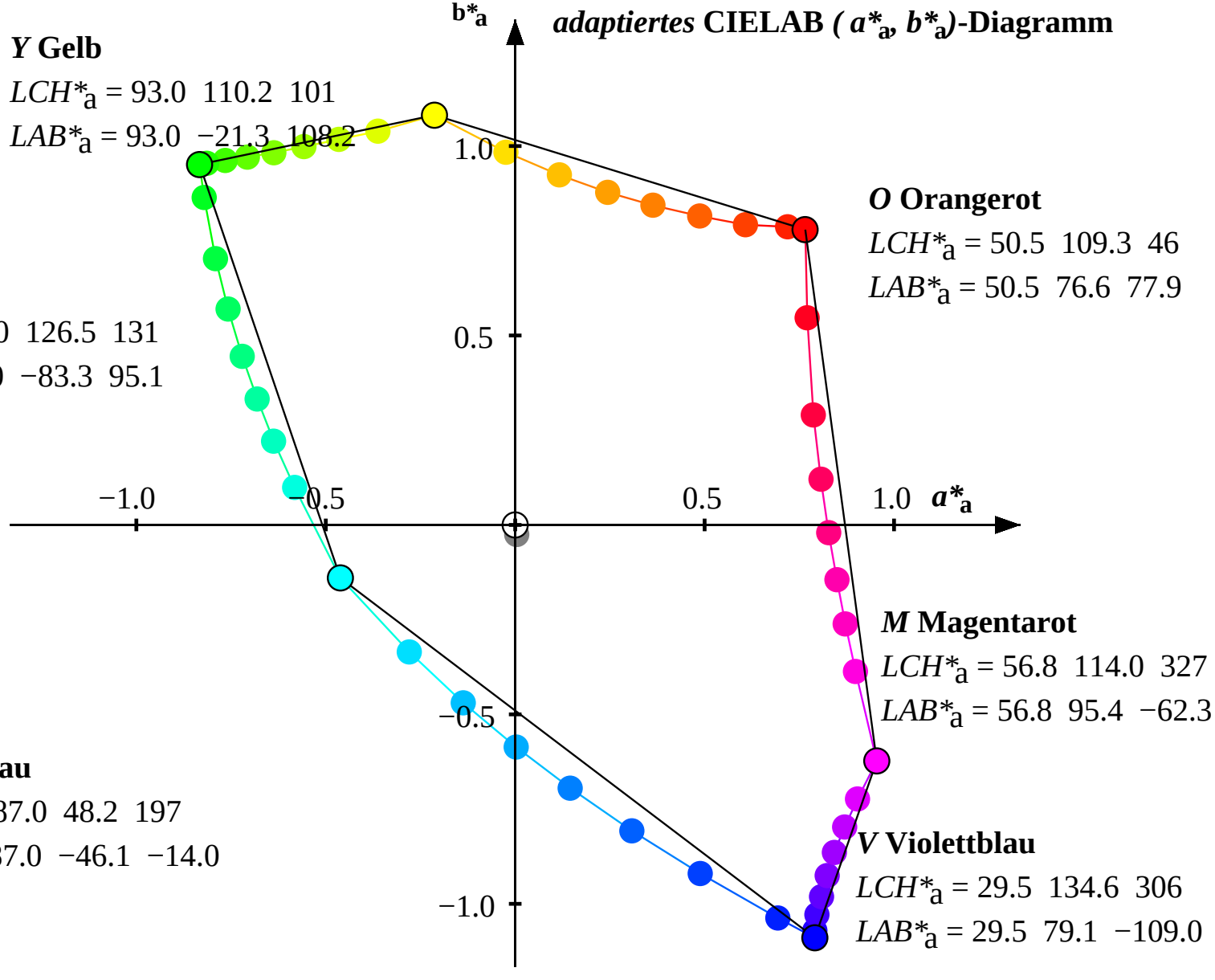
***L* Laubgrün**
*LCH**a = 84.0 126.5 131
*LAB**a = 84.0 −83.3 95.1

***C* Cyanblau**
*LCH**a = 87.0 48.2 197
*LAB**a = 87.0 −46.1 −14.0

***O* Orangerot**
*LCH**a = 50.5 109.3 46
*LAB**a = 50.5 76.6 77.9

***M* Magentarot**
*LCH**a = 56.8 114.0 327
*LAB**a = 56.8 95.4 −62.3

***V* Violettblau**
*LCH**a = 29.5 134.6 306
*LAB**a = 29.5 79.1 −109.0



Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS06a für Helligkeit *L**=06 von Schwarz für Lichtart D65

System TLS06a
LECD-Monitor

D65-Reflexion:
Y_N = 0.63
L^*_N = 5.69

	Farbe	*r=olv*1*	*g=olv*2*	*b=olv*3*	$L^*_a=LAB^*_{1a}$	$a^*_a=LAB^*_{2a}$	$b^*_a=LAB^*_{3a}$	$C^*_{ab,a}=LAB^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	Y_a/88.59
00	o00y	1.0	0.0	0.0	51.1	75.22	69.76	102.59	43	36.8	19.35	1.32	0.6403	0.3367	0.2332
01	o13y	1.0	0.125	0.0	52.66	70.67	70.89	100.1	45	37.47	20.74	1.46	0.628	0.3476	0.2498
02	o25y	1.0	0.25	0.0	56.48	59.79	73.01	94.37	51	39.21	24.4	1.91	0.5985	0.3724	0.2939
03	o38y	1.0	0.375	0.0	60.79	48.05	76.35	90.21	58	41.4	29.01	2.4	0.5687	0.3984	0.3495
04	o50y	1.0	0.5	0.0	65.55	35.88	80.06	87.73	66	44.19	34.74	3.02	0.5393	0.4239	0.4185
05	o63y	1.0	0.625	0.0	70.43	24.09	84.11	87.5	74	47.45	41.37	3.72	0.5127	0.447	0.4984
06	o75y	1.0	0.75	0.0	76.04	11.56	89.15	89.9	83	51.75	49.95	4.58	0.4869	0.47	0.6018
07	o88y	1.0	0.875	0.0	82.83	−2.43	95.64	95.67	91	57.78	61.85	5.69	0.4611	0.4936	0.7452
08	y00l	1.0	1.0	0.0	93.01	−21.12	105.83	107.92	101	68.72	83.0	7.54	0.4315	0.5212	1.0
09	y13l	0.875	1.0	0.0	90.44	−35.88	101.6	107.76	109	57.51	77.27	7.48	0.4043	0.5431	0.9309
10	y25l	0.75	1.0	0.0	88.82	−46.12	99.43	109.61	115	50.76	73.78	7.31	0.385	0.5596	0.8889
11	y38l	0.625	1.0	0.0	87.48	−55.28	97.46	112.05	120	45.36	70.99	7.22	0.3671	0.5745	0.8552
12	y50l	0.5	1.0	0.0	86.43	−63.07	95.91	114.8	123	41.21	68.85	7.15	0.3516	0.5874	0.8296
13	y63l	0.375	1.0	0.0	85.55	−69.99	94.73	117.79	126	37.81	67.1	7.06	0.3377	0.5993	0.8084
14	y75l	0.25	1.0	0.0	84.86	−75.66	93.82	120.53	129	35.21	65.74	6.99	0.3262	0.6091	0.7921
15	y88l	0.125	1.0	0.0	84.33	−80.46	93.08	123.04	131	33.16	64.7	6.94	0.3164	0.6174	0.7796
16	l00c	0.0	1.0	0.0	84.09	−82.36	92.77	124.06	132	32.34	64.24	6.92	0.3124	0.6207	0.774
17	l13c	0.0	1.0	0.125	84.15	−81.19	84.58	117.25	134	32.74	64.36	9.3	0.3077	0.6049	0.7754
18	l25c	0.0	1.0	0.25	84.33	−78.21	69.13	104.39	139	33.8	64.7	15.24	0.2971	0.5688	0.7796
19	l38c	0.0	1.0	0.375	84.52	−74.95	56.16	93.66	143	34.98	65.08	21.89	0.2869	0.5337	0.7841
20	l50c	0.0	1.0	0.5	84.76	−71.27	43.91	83.72	148	36.38	65.54	29.78	0.2762	0.4977	0.7896
21	l63c	0.0	1.0	0.625	85.03	−67.38	32.91	74.99	154	37.91	66.06	38.38	0.2663	0.4641	0.7959
22	l75c	0.0	1.0	0.75	85.36	−63.08	21.91	66.78	161	39.72	66.72	48.61	0.2562	0.4303	0.8039
23	l88c	0.0	1.0	0.875	85.83	−57.66	9.83	58.5	170	42.13	67.64	61.96	0.2453	0.3939	0.815
24	c00v	0.0	1.0	1.0	87.1	−45.68	−13.91	47.76	197	48.19	70.21	95.84	0.2249	0.3277	0.8459
25	c13v	0.0	0.875	1.0	75.18	−27.63	−33.21	43.21	230	37.09	48.57	93.99	0.2065	0.2704	0.5852
26	c25v	0.0	0.75	1.0	67.01	−13.53	−46.46	48.4	254	31.02	36.64	92.74	0.1934	0.2284	0.4415
27	c38v	0.0	0.675	1.0	59.99	0.22	−57.95	57.96	270	26.77	28.11	91.85	0.1824	0.1916	0.3387
28	c50v	0.0	0.5	1.0	53.6	14.2	−68.56	70.03	282	23.59	21.6	91.26	0.1729	0.1583	0.2603
29	c63v	0.0	0.375	1.0	46.99	30.06	−79.57	85.07	291	20.85	16.01	90.7	0.1635	0.1255	0.1929
30	c75v	0.0	0.25	1.0	40.44	47.4	−90.48	102.15	298	18.67	11.52	90.14	0.1552	0.0957	0.1388
31	c88v	0.0	0.125	1.0	33.93	66.68	−101.64	121.57	303	17.03	7.97	90.04	0.148	0.0693	0.0961
32	v00m	0.0	0.0	1.0	30.92	75.73	−106.54	130.72	305	16.33	6.62	89.64	0.1451	0.0588	0.0797
33	v13m	0.125	0.0	1.0	31.92	75.93	−104.74	129.37	306	17.14	7.05	89.53	0.1507	0.062	0.0849
34	v25m	0.25	0.0	1.0	34.22	76.83	−100.81	126.76	307	19.19	8.12	89.59	0.1641	0.0694	0.0978
35	v38m	0.375	0.0	1.0	36.88	78.34	−96.29	124.14	309	21.84	9.47	89.67	0.1805	0.0783	0.1141
36	v50m	0.5	0.0	1.0	40.01	80.11	−90.95	121.21	311	25.28	11.26	89.76	0.2001	0.0891	0.1356
37	v63m	0.625	0.0	1.0	43.43	82.26	−85.11	118.38	314	29.47	13.45	89.84	0.222	0.1013	0.162
38	v75m	0.75	0.0	1.0	47.29	85.27	−78.59	115.97	317	34.91	16.24	90.03	0.2473	0.115	0.1957
39	v88m	0.875	0.0	1.0	51.5	88.86	−71.37	113.98	321	41.65	19.7	90.07	0.2751	0.1301	0.2373
40	m00o	1.0	0.0	1.0	57.24	94.13	−61.58	112.49	327	52.34	25.17	90.25	0.312	0.1501	0.3033
41	m13o	1.0	0.0	0.875	54.64	88.49	−38.04	96.32	337	46.14	22.58	55.58	0.3712	0.1817	0.2721
42	m25o	1.0	0.0	0.75	53.66	85.78	−25.68	89.55	343	43.75	21.66	42.18	0.4066	0.2013	0.2609
43	m38o	1.0	0.0	0.675	52.98	83.54	−14.17	84.74	350	42.0	21.02	32.09	0.4416	0.221	0.2533
44	m50o	1.0	0.0	0.5	52.37	81.35	−2.0	81.38	359	40.44	20.48	23.45	0.4793	0.2427	0.2467
45	m63o	1.0	0.0	0.375	51.86	79.29	11.78	80.16	8	39.07	20.02	15.85	0.5214	0.2671	0.2412
46	m75o	1.0	0.0	0.25	51.4	77.35	27.96	82.25	20	37.85	19.61	9.35	0.5665	0.2936	0.2363
47	m88o	1.0	0.0	0.125	51.03	75.73	51.51	91.59	34	36.87	19.3	3.58	0.6171	0.323	0.2325
48	o00y	1.0	0.0	0.0	51.1	75.22	69.76	102.59	43	36.8	19.35	1.32	0.6403	0.3367	0.2332
49	n00w	0.0	0.0	0.0	5.65	0.0	0.0	0.01	0	0.59	0.63	0.68	0.3127	0.329	0.0075
50	n13w	0.125	0.125	0.125	18.04	0.36	−2.57	2.6	278	2.42	2.53	3.13	0.2996	0.3129	0.0304
51	n25w	0.25	0.25	0.25	32.82	0.75	−4.27	4.34	280	7.16	7.45	9.42	0.298	0.3102	0.0898
52	n38w	0.375	0.375	0.375	43.81	0.25	−3.54	3.56	274	13.06	13.71	16.52	0.3018	0.3166	0.1651
53	n50w	0.5	0.5	0.5	53.54	0.36	−2.45	2.48	278	20.55	21.54	24.93	0.3066	0.3214	0.2596
54	n63w	0.625	0.625	0.625	62.36	0.79	−1.08	1.35	306	29.5	30.82	34.38	0.3115	0.3255	0.3713
55	n75w	0.75	0.75	0.75	71.44	0.92	1.22	1.52	53	41.01	42.84	45.52	0.317	0.3311	0.5161
56	n88w	0.875	0.875	0.875	81.39	−0.08	3.72	3.72	91	56.2	59.17	60.24	0.32	0.3369	0.7129
57	n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0673

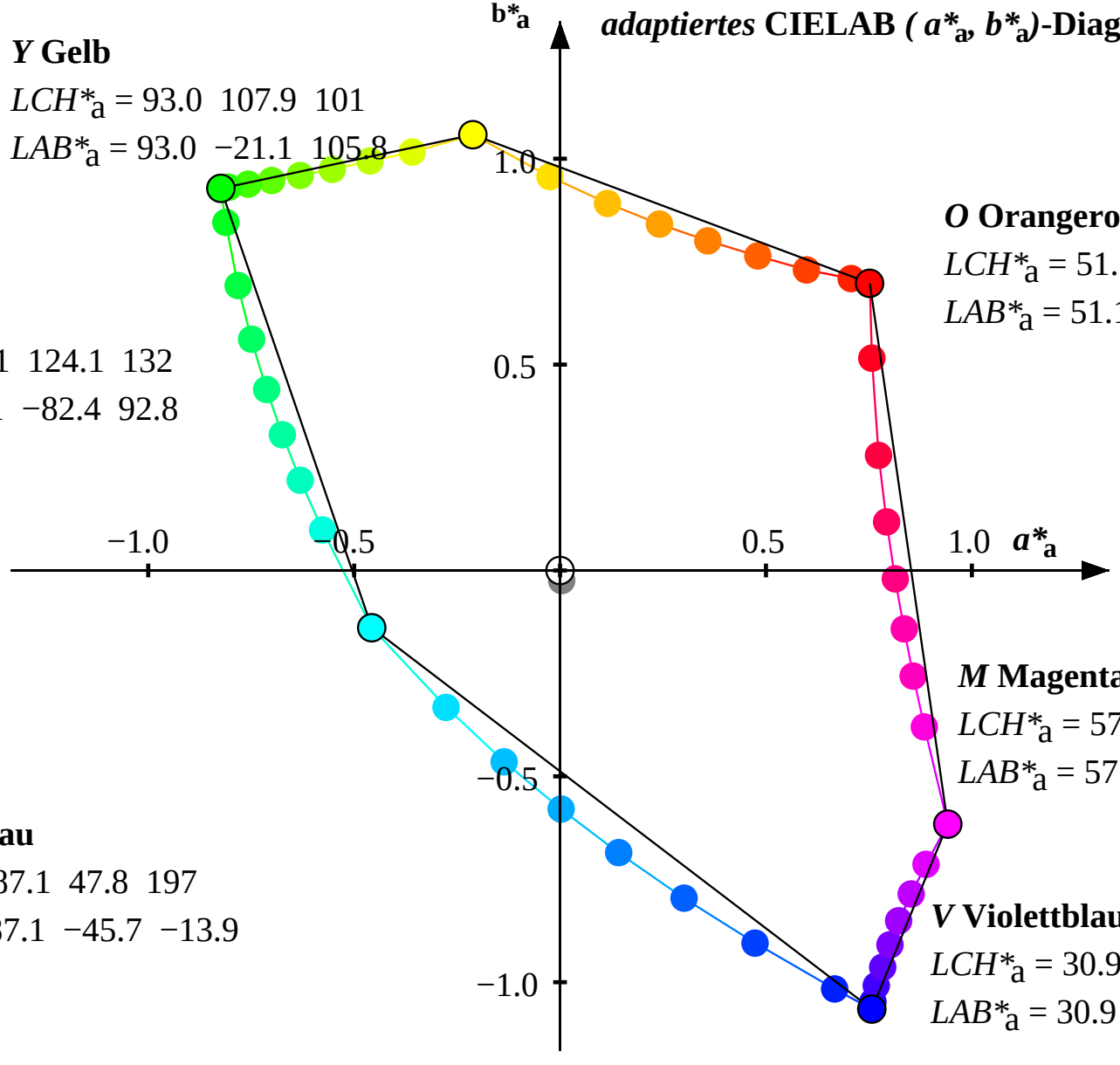
n = 88.59 / (88.59 + 0.63) = 0.993

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS06a für Helligkeit *L=06 von Schwarz für Lichtart D65**

System TLS06a
LECD-Monitor

D65-Reflexion:
Y_N = 0.63
L^*_N = 5.69

***adaptiertes* CIELAB (a^*_a, b^*_a)-Diagramm**



***Y* Gelb**
*LCH**a = 93.0 107.9 101
*LAB**a = 93.0 −21.1 105.8

***O* Orangerot**
*LCH**a = 51.1 102.6 43
*LAB**a = 51.1 75.2 69.8

***L* Laubgrün**
*LCH**a = 84.1 124.1 132
*LAB**a = 84.1 −82.4 92.8

***M* Magentarot**
*LCH**a = 57.2 112.5 327
*LAB**a = 57.2 94.1 −61.6

***C* Cyanblau**
*LCH**a = 87.1 47.8 197
*LAB**a = 87.1 −45.7 −13.9

***V* Violettblau**
*LCH**a = 30.9 130.7 305
*LAB**a = 30.9 75.7 −106.5

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS11a für Helligkeit *L**=11 von Schwarz für Lichtart D65

System TLS11a
LECD-Monitor

D65-Reflexion:
Y_N = 1.26
L^*_N = 11.0

	Farbe	*r=olv*1*	*g=olv*2*	*b=olv*3*	$L^*_a=LAB^*_{1a}$	$a^*_a=LAB^*_{2a}$	$b^*_a=LAB^*_{3a}$	$C^*_{ab,a}=LAB^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	Y_a/88.59
00	o00y	1.0	0.0	0.0	51.65	73.91	64.01	97.78	41	37.13	19.84	1.99	0.6298	0.3365	0.2389
01	o13y	1.0	0.125	0.0	53.18	69.49	65.44	95.45	43	37.79	21.21	2.12	0.6183	0.347	0.2554
02	o25y	1.0	0.25	0.0	56.93	58.88	68.35	90.21	49	39.52	24.85	2.57	0.5904	0.3712	0.2992
03	o38y	1.0	0.375	0.0	61.15	47.38	72.25	86.4	57	41.7	29.42	3.05	0.5622	0.3967	0.3543
04	o50y	1.0	0.5	0.0	65.84	35.42	76.47	84.28	65	44.47	35.12	3.67	0.5341	0.4218	0.4229
05	o63y	1.0	0.625	0.0	70.66	23.82	80.93	84.36	74	47.7	41.7	4.37	0.5087	0.4447	0.5021
06	o75y	1.0	0.75	0.0	76.21	11.44	86.32	87.07	82	51.97	50.22	5.22	0.4838	0.4675	0.6048
07	o88y	1.0	0.875	0.0	82.93	−2.41	93.12	93.15	91	57.96	62.04	6.32	0.4588	0.4911	0.7471
08	y00l	1.0	1.0	0.0	93.03	−20.95	103.66	105.75	101	68.82	83.04	8.16	0.4301	0.5189	1.0
09	y13l	0.875	1.0	0.0	90.48	−35.58	99.45	105.63	110	57.7	77.35	8.11	0.4031	0.5403	0.9314
10	y25l	0.75	1.0	0.0	88.87	−45.71	97.26	107.47	115	51.0	73.88	7.94	0.384	0.5563	0.8897
11	y38l	0.625	1.0	0.0	87.54	−54.76	95.29	109.91	120	45.63	71.11	7.85	0.3663	0.5708	0.8563
12	y50l	0.5	1.0	0.0	86.5	−62.44	93.74	112.64	124	41.51	68.99	7.78	0.351	0.5833	0.8308
13	y63l	0.375	1.0	0.0	85.63	−69.26	92.55	115.61	127	38.13	67.25	7.69	0.3372	0.5947	0.8098
14	y75l	0.25	1.0	0.0	84.95	−74.85	91.63	118.32	129	35.55	65.9	7.62	0.3259	0.6042	0.7936
15	y88l	0.125	1.0	0.0	84.42	−79.57	90.89	120.81	131	33.52	64.87	7.57	0.3163	0.6122	0.7812
16	l00c	0.0	1.0	0.0	84.18	−81.44	90.57	121.81	132	32.7	64.41	7.55	0.3125	0.6155	0.7757
17	l13c	0.0	1.0	0.125	84.24	−80.28	82.85	115.37	134	33.1	64.53	9.92	0.3078	0.6	0.7771
18	l25c	0.0	1.0	0.25	84.42	−77.35	68.01	103.0	139	34.15	64.87	15.81	0.2974	0.5649	0.7812
19	l38c	0.0	1.0	0.375	84.61	−74.14	55.38	92.55	143	35.33	65.24	22.41	0.2873	0.5305	0.7857
20	l50c	0.0	1.0	0.5	84.84	−70.51	43.37	82.79	148	36.71	65.7	30.24	0.2768	0.4953	0.7912
21	l63c	0.0	1.0	0.625	85.11	−66.68	32.55	74.21	154	38.24	66.22	38.78	0.267	0.4623	0.7974
22	l75c	0.0	1.0	0.75	85.44	−62.43	21.69	66.11	161	40.03	66.87	48.94	0.2569	0.4291	0.8053
23	l88c	0.0	1.0	0.875	85.9	−57.09	9.74	57.92	170	42.43	67.79	62.21	0.2461	0.3932	0.8164
24	c00v	0.0	1.0	1.0	87.16	−45.26	−13.8	47.33	197	48.44	70.34	95.84	0.2257	0.3277	0.847
25	c13v	0.0	0.875	1.0	75.36	−27.31	−32.92	42.78	230	37.42	48.85	94.0	0.2076	0.271	0.5883
26	c25v	0.0	0.75	1.0	67.28	−13.34	−46.0	47.91	254	31.39	37.01	92.77	0.1948	0.2296	0.4456
27	c38v	0.0	0.675	1.0	60.37	0.22	−57.32	57.33	270	27.17	28.54	91.89	0.1841	0.1933	0.3437
28	c50v	0.0	0.5	1.0	54.1	13.92	−67.72	69.15	282	24.01	22.07	91.3	0.1748	0.1607	0.2658
29	c63v	0.0	0.375	1.0	47.65	29.34	−78.46	83.78	290	21.3	16.52	90.74	0.1656	0.1285	0.1989
30	c75v	0.0	0.25	1.0	41.31	46.02	−89.01	100.21	297	19.13	12.06	90.18	0.1576	0.0993	0.1452
31	c88v	0.0	0.125	1.0	35.08	64.28	−99.68	118.62	303	17.5	8.54	90.09	0.1507	0.0735	0.1028
32	v00m	0.0	0.0	1.0	32.24	72.71	−104.29	127.14	305	16.81	7.19	89.69	0.1478	0.0633	0.0866
33	v13m	0.125	0.0	1.0	33.18	73.05	−102.6	125.95	305	17.61	7.62	89.58	0.1534	0.0664	0.0918
34	v25m	0.25	0.0	1.0	35.36	74.23	−98.88	123.65	307	19.64	8.68	89.64	0.1665	0.0736	0.1045
35	v38m	0.375	0.0	1.0	37.89	76.01	−94.58	121.34	309	22.28	10.03	89.72	0.1826	0.0822	0.1207
36	v50m	0.5	0.0	1.0	40.9	78.04	−89.46	118.72	311	25.69	11.8	89.81	0.2018	0.0927	0.1421
37	v63m	0.625	0.0	1.0	44.2	80.42	−83.82	116.17	314	29.85	13.97	89.89	0.2233	0.1045	0.1683
38	v75m	0.75	0.0	1.0	47.94	83.64	−77.49	114.03	317	35.25	16.75	90.07	0.2481	0.1179	0.2017
39	v88m	0.875	0.0	1.0	52.04	87.41	−70.45	112.27	321	41.95	20.18	90.11	0.2755	0.1326	0.243
40	m00o	1.0	0.0	1.0	57.67	92.87	−60.87	111.04	327	52.56	25.62	90.3	0.312	0.1521	0.3085
41	m13o	1.0	0.0	0.875	55.12	87.18	−37.49	94.9	337	46.4	23.04	55.86	0.3703	0.1839	0.2775
42	m25o	1.0	0.0	0.75	54.16	84.46	−25.25	88.16	343	44.03	22.13	42.56	0.405	0.2035	0.2665
43	m38o	1.0	0.0	0.675	53.49	82.22	−13.9	83.39	350	42.3	21.5	32.55	0.439	0.2231	0.2589
44	m50o	1.0	0.0	0.5	52.9	80.03	−1.95	80.05	359	40.74	20.95	23.97	0.4756	0.2446	0.2523
45	m63o	1.0	0.0	0.375	52.39	77.97	11.47	78.81	8	39.39	20.5	16.42	0.5162	0.2686	0.2468
46	m75o	1.0	0.0	0.25	51.95	76.03	27.02	80.69	20	38.17	20.1	9.96	0.5594	0.2945	0.242
47	m88o	1.0	0.0	0.125	51.59	74.42	48.8	88.99	33	37.2	19.78	4.23	0.6077	0.3232	0.2382
48	o00y	1.0	0.0	0.0	51.65	73.91	64.01	97.78	41	37.13	19.84	1.99	0.6298	0.3365	0.2389
49	n00w	0.0	0.0	0.0	10.87	0.0	0.0	0.01	341	1.18	1.24	1.35	0.3127	0.329	0.015
50	n13w	0.125	0.125	0.125	20.56	0.31	−2.23	2.26	278	2.99	3.13	3.78	0.3021	0.316	0.0377
51	n25w	0.25	0.25	0.25	34.03	0.71	−4.05	4.12	280	7.7	8.02	10.03	0.2991	0.3116	0.0966
52	n38w	0.375	0.375	0.375	44.56	0.24	−3.43	3.45	274	13.56	14.23	17.08	0.3022	0.3171	0.1714
53	n50w	0.5	0.5	0.5	54.04	0.35	−2.4	2.43	278	20.99	22.01	25.43	0.3068	0.3217	0.2651
54	n63w	0.625	0.625	0.625	62.7	0.78	−1.07	1.33	306	29.88	31.23	34.82	0.3115	0.3255	0.376
55	n75w	0.75	0.75	0.75	71.66	0.91	1.2	1.51	53	41.31	43.16	45.88	0.3169	0.3311	0.5197
56	n88w	0.875	0.875	0.875	81.5	−0.08	3.69	3.69	91	56.4	59.38	60.49	0.32	0.3369	0.7151
57	n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0668

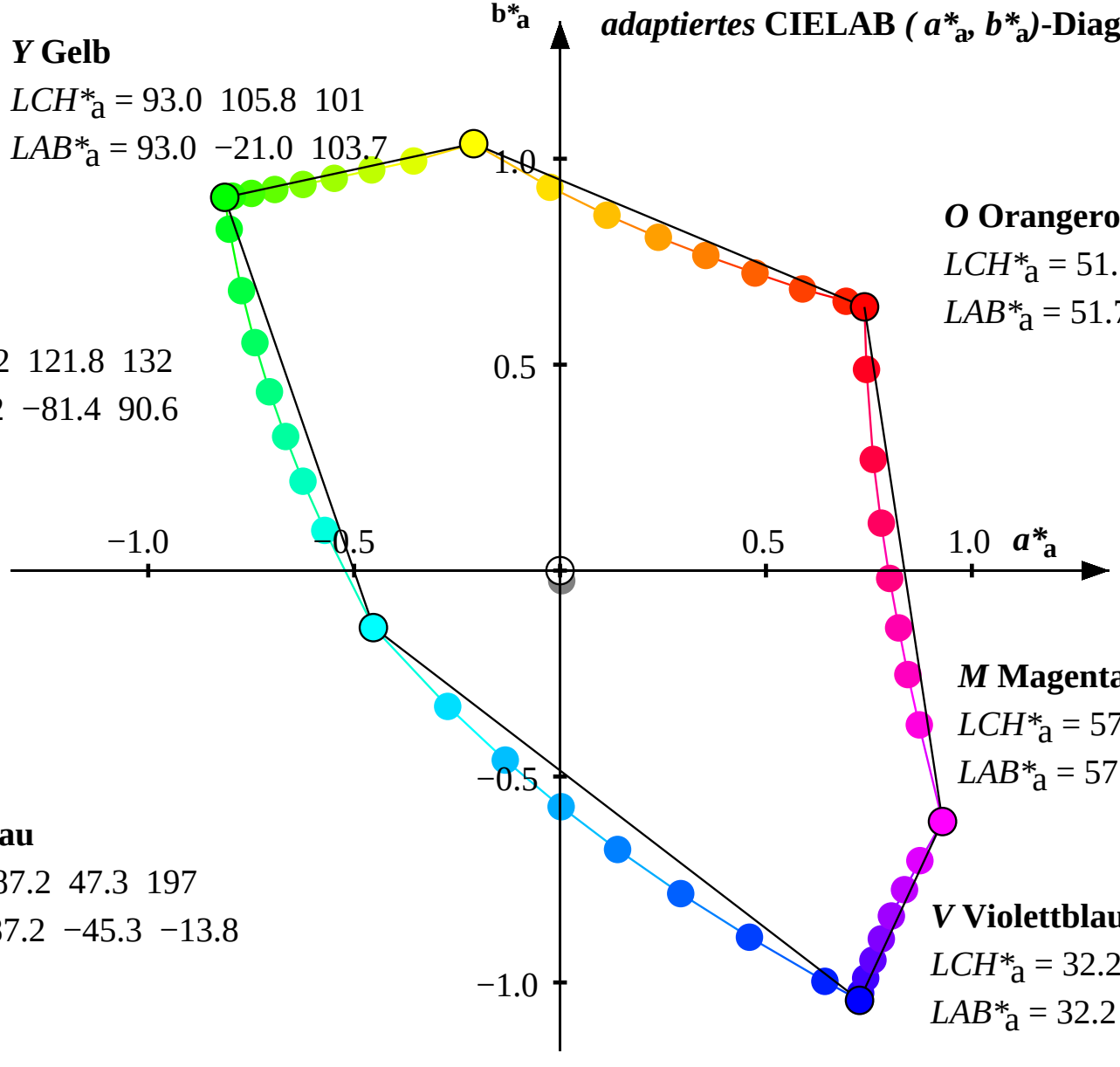
n = 88.59 / (88.59 + 1.26) = 0.986

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS11a für Helligkeit *L=11 von Schwarz für Lichtart D65**

System TLS11a
LECD-Monitor

D65-Reflexion:
Y_N = 1.26
L^*_N = 11.0

***adaptiertes* CIELAB (a^*_a, b^*_a)-Diagramm**



***Y* Gelb**
*LCH**a = 93.0 105.8 101
*LAB**a = 93.0 −21.0 103.7

***O* Orangerot**
*LCH**a = 51.7 97.8 41
*LAB**a = 51.7 73.9 64.0

***L* Laubgrün**
*LCH**a = 84.2 121.8 132
*LAB**a = 84.2 −81.4 90.6

***M* Magentarot**
*LCH**a = 57.7 111.0 327
*LAB**a = 57.7 92.9 −60.9

***C* Cyanblau**
*LCH**a = 87.2 47.3 197
*LAB**a = 87.2 −45.3 −13.8

***V* Violettblau**
*LCH**a = 32.2 127.1 305
*LAB**a = 32.2 72.7 −104.3

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS18a für Helligkeit *L**=18 von Schwarz für Lichtart D65

System TLS18a
LECD-Monitor

D65-Reflexion:
Y_N = 2.52
L^*_N = 18.01

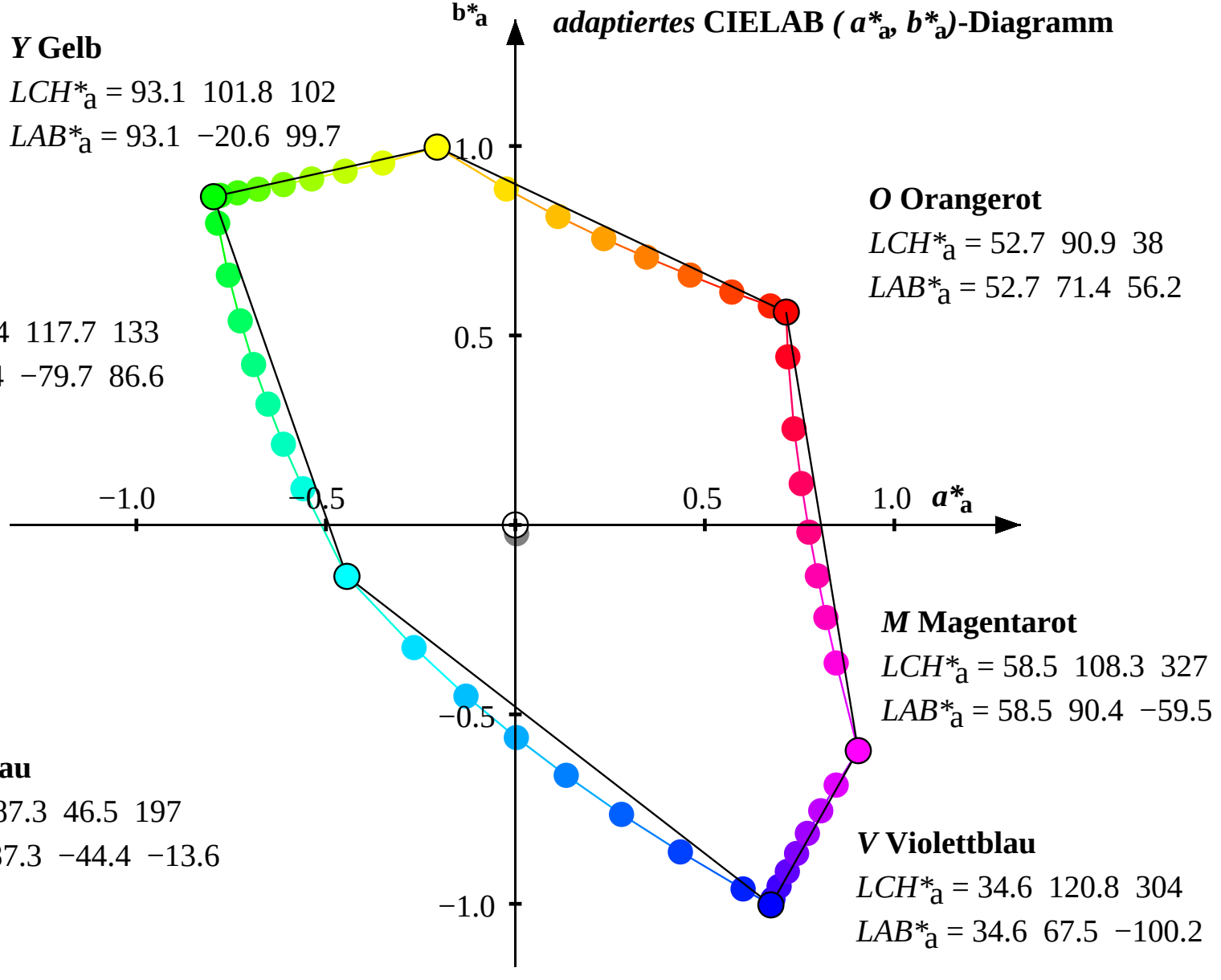
Farbe	*r=olv*1*	*g=olv*2*	*b=olv*3*	L^*_a=*LAB*1a*	a^*_a=*LAB*2a*	b^*_a=*LAB*3a*	$C^*_{ab,a}$=*LAB*ab,a*	$h_{ab,a}$	X_a=*XYZ1a*	Y_a=*XYZ2a*	Z_a=*XYZ3a*	x_a	y_a	Y_a/88.59
00 o00y	1.0	0.0	0.0	52.72	71.45	56.18	90.89	38	37.78	20.79	3.29	0.6107	0.3361	0.2501
01 o13y	1.0	0.125	0.0	54.18	67.26	57.84	88.71	41	38.44	22.14	3.43	0.6005	0.346	0.2664
02 o25y	1.0	0.25	0.0	57.78	57.14	61.44	83.91	47	40.14	25.73	3.87	0.5756	0.3689	0.3095
03 o38y	1.0	0.375	0.0	61.86	46.1	65.89	80.42	55	42.29	30.24	4.35	0.5501	0.3934	0.3638
04 o50y	1.0	0.5	0.0	66.41	34.56	70.67	78.67	64	45.02	35.86	4.96	0.5245	0.4177	0.4314
05 o63y	1.0	0.625	0.0	71.11	23.29	75.61	79.12	73	48.21	42.35	5.65	0.5011	0.4402	0.5095
06 o75y	1.0	0.75	0.0	76.53	11.21	81.44	82.21	82	52.42	50.75	6.48	0.478	0.4628	0.6106
07 o88y	1.0	0.875	0.0	83.13	−2.37	88.67	88.7	92	58.33	62.41	7.57	0.4546	0.4864	0.7508
08 y00l	1.0	1.0	0.0	93.07	−20.64	99.7	101.82	102	69.04	83.12	9.38	0.4274	0.5145	1.0
09 y13l	0.875	1.0	0.0	90.55	−35.0	95.54	101.75	110	58.07	77.5	9.33	0.4007	0.5349	0.9324
10 y25l	0.75	1.0	0.0	88.96	−44.91	93.33	103.58	116	51.46	74.09	9.16	0.382	0.55	0.8914
11 y38l	0.625	1.0	0.0	87.66	−53.75	91.37	106.01	120	46.16	71.35	9.07	0.3647	0.5637	0.8584
12 y50l	0.5	1.0	0.0	86.63	−61.23	89.82	108.71	124	42.1	69.26	9.0	0.3498	0.5754	0.8333
13 y63l	0.375	1.0	0.0	85.78	−67.86	88.62	111.63	127	38.77	67.54	8.92	0.3365	0.5862	0.8126
14 y75l	0.25	1.0	0.0	85.11	−73.28	87.7	114.29	130	36.22	66.22	8.85	0.3255	0.595	0.7967
15 y88l	0.125	1.0	0.0	84.59	−77.85	86.95	116.72	132	34.22	65.2	8.8	0.3162	0.6025	0.7844
16 l00c	0.0	1.0	0.0	84.35	−79.66	86.63	117.69	133	33.41	64.75	8.78	0.3125	0.6055	0.779
17 l13c	0.0	1.0	0.125	84.41	−78.54	79.66	111.87	135	33.8	64.86	11.11	0.3079	0.5908	0.7804
18 l25c	0.0	1.0	0.25	84.59	−75.69	65.88	100.36	139	34.84	65.2	16.93	0.2979	0.5574	0.7844
19 l38c	0.0	1.0	0.375	84.77	−72.58	53.89	90.41	143	36.0	65.57	23.43	0.288	0.5245	0.7889
20 l50c	0.0	1.0	0.5	85.01	−69.05	42.35	81.01	148	37.37	66.02	31.16	0.2777	0.4907	0.7943
21 l63c	0.0	1.0	0.625	85.26	−65.32	31.85	72.68	154	38.87	66.53	39.58	0.2681	0.4589	0.8004
22 l75c	0.0	1.0	0.75	85.59	−61.19	21.27	64.79	161	40.64	67.17	49.6	0.2582	0.4267	0.8082
23 l88c	0.0	1.0	0.875	86.05	−55.98	9.56	56.8	170	43.0	68.08	62.68	0.2475	0.3918	0.8191
24 c00v	0.0	1.0	1.0	87.28	−44.44	−13.6	46.48	197	48.93	70.59	95.85	0.2272	0.3277	0.8493
25 c13v	0.0	0.875	1.0	75.7	−26.68	−32.35	41.95	230	38.07	49.4	94.04	0.2097	0.2722	0.5943
26 c25v	0.0	0.75	1.0	67.81	−12.97	−45.12	46.96	254	32.12	37.72	92.82	0.1975	0.2319	0.4538
27 c38v	0.0	0.675	1.0	61.1	0.21	−56.1	56.11	270	27.96	29.37	91.95	0.1873	0.1967	0.3533
28 c50v	0.0	0.5	1.0	55.06	13.39	−66.11	67.47	281	24.84	22.99	91.37	0.1785	0.1652	0.2766
29 c63v	0.0	0.375	1.0	48.9	28.01	−76.35	81.34	290	22.16	17.52	90.82	0.1698	0.1342	0.2108
30 c75v	0.0	0.25	1.0	42.94	43.52	−86.26	96.63	297	20.03	13.12	90.27	0.1623	0.1063	0.1578
31 c88v	0.0	0.125	1.0	37.2	60.06	−96.09	113.33	302	18.42	9.65	90.18	0.1558	0.0816	0.116
32 v00m	0.0	0.0	1.0	34.64	67.48	−100.23	120.83	304	17.74	8.32	89.78	0.1531	0.0718	0.1001
33 v13m	0.125	0.0	1.0	35.48	68.02	−98.7	119.88	305	18.53	8.74	89.68	0.1584	0.0748	0.1052
34 v25m	0.25	0.0	1.0	37.46	69.62	−95.34	118.06	306	20.54	9.79	89.73	0.1711	0.0815	0.1177
35 v38m	0.375	0.0	1.0	39.77	71.8	−91.4	116.24	308	23.13	11.11	89.81	0.1865	0.0896	0.1337
36 v50m	0.5	0.0	1.0	42.55	74.25	−86.66	114.13	311	26.5	12.86	89.9	0.205	0.0995	0.1547
37 v63m	0.625	0.0	1.0	45.64	77.01	−81.39	112.06	313	30.6	15.01	89.98	0.2257	0.1107	0.1805
38 v75m	0.75	0.0	1.0	49.18	80.58	−75.42	110.37	317	35.93	17.74	90.16	0.2498	0.1234	0.2135
39 v88m	0.875	0.0	1.0	53.09	84.65	−68.71	109.03	321	42.53	21.13	90.2	0.2764	0.1373	0.2542
40 m00o	1.0	0.0	1.0	58.5	90.44	−59.51	108.27	327	53.0	26.49	90.38	0.312	0.1559	0.3187
41 m13o	1.0	0.0	0.875	56.04	84.69	−36.43	92.19	337	46.93	23.95	56.42	0.3686	0.1881	0.2881
42 m25o	1.0	0.0	0.75	55.12	81.95	−24.45	85.52	343	44.59	23.05	43.31	0.4019	0.2077	0.2773
43 m38o	1.0	0.0	0.675	54.48	79.7	−13.4	80.82	350	42.88	22.43	33.43	0.4343	0.2271	0.2698
44 m50o	1.0	0.0	0.5	53.91	77.52	−1.87	77.54	359	41.34	21.89	24.97	0.4687	0.2482	0.2634
45 m63o	1.0	0.0	0.375	53.43	75.47	10.91	76.25	8	40.01	21.44	17.52	0.5066	0.2715	0.2579
46 m75o	1.0	0.0	0.25	53.0	73.54	25.36	77.79	19	38.81	21.04	11.16	0.5465	0.2963	0.2532
47 m88o	1.0	0.0	0.125	52.66	71.94	44.42	84.55	32	37.85	20.73	5.51	0.5906	0.3235	0.2495
48 o00y	1.0	0.0	0.0	52.72	71.45	56.18	90.89	38	37.78	20.79	3.29	0.6107	0.3361	0.2501
49 n00w	0.0	0.0	0.0	17.69	0.0	0.0	0.01	0	2.33	2.45	2.67	0.3127	0.329	0.0295
50 n13w	0.125	0.125	0.125	24.68	0.25	−1.79	1.82	278	4.12	4.31	5.07	0.305	0.3196	0.0519
51 n25w	0.25	0.25	0.25	36.25	0.64	−3.68	3.75	280	8.76	9.14	11.22	0.3008	0.3138	0.1099
52 n38w	0.375	0.375	0.375	45.99	0.23	−3.24	3.26	274	14.54	15.26	18.18	0.3031	0.3181	0.1836
53 n50w	0.5	0.5	0.5	55.0	0.33	−2.3	2.34	278	21.87	22.93	26.41	0.3071	0.322	0.2759
54 n63w	0.625	0.625	0.625	63.36	0.76	−1.03	1.29	306	30.63	32.02	35.67	0.3116	0.3257	0.3852
55 n75w	0.75	0.75	0.75	72.08	0.89	1.17	1.47	53	41.91	43.78	46.58	0.3168	0.331	0.5268
56 n88w	0.875	0.875	0.875	81.72	−0.08	3.62	3.62	91	56.78	59.78	60.99	0.3198	0.3367	0.7193
57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0659

n = 88.59 / (88.59 + 2.52) = 0.972

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS18a für Helligkeit *L=18 von Schwarz für Lichtart D65**

System TLS18a
LECD-Monitor

D65-Reflexion:
Y_N = 2.52
L^*_N = 18.01



***Y* Gelb**
*LCH**a = 93.1 101.8 102
*LAB**a = 93.1 −20.6 99.7

***O* Orangerot**
*LCH**a = 52.7 90.9 38
*LAB**a = 52.7 71.4 56.2

***L* Laubgrün**
*LCH**a = 84.4 117.7 133
*LAB**a = 84.4 −79.7 86.6

***M* Magentarot**
*LCH**a = 58.5 108.3 327
*LAB**a = 58.5 90.4 −59.5

***C* Cyanblau**
*LCH**a = 87.3 46.5 197
*LAB**a = 87.3 −44.4 −13.6

***V* Violettblau**
*LCH**a = 34.6 120.8 304
*LAB**a = 34.6 67.5 −100.2

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS27a für Helligkeit *L**=27 von Schwarz für Lichtart D65

System TLS27a
LECD-Monitor

D65-Reflexion:
Y_N = 5.04
L^*_N = 26.85

Farbe	r=olv*1	g=olv*2	b=olv*3	L*a=LAB*1a	a*a=LAB*2a	b*a=LAB*3a	C*ab,a=LAB*ab,a	hab,a	Xa=XYZ1a	Ya=XYZ2a	Za=XYZ3a	xa	ya	Ya/88.59
00 o00y	1.0	0.0	0.0	54.67	67.03	46.6	81.64	35	39.03	22.61	5.8	0.5787	0.3353	0.2716
01 o13y	1.0	0.125	0.0	56.02	63.23	48.35	79.6	37	39.67	23.93	5.93	0.5705	0.3442	0.2874
02 o25y	1.0	0.25	0.0	59.36	53.97	52.32	75.17	44	41.33	27.42	6.36	0.5502	0.3651	0.3293
03 o38y	1.0	0.375	0.0	63.19	43.76	57.08	71.92	53	43.42	31.81	6.83	0.5291	0.3877	0.3821
04 o50y	1.0	0.5	0.0	67.48	32.95	62.24	70.43	62	46.08	37.28	7.42	0.5076	0.4106	0.4477
05 o63y	1.0	0.625	0.0	71.95	22.3	67.57	71.15	72	49.18	43.59	8.09	0.4876	0.4322	0.5235
06 o75y	1.0	0.75	0.0	77.14	10.78	73.78	74.57	82	53.28	51.77	8.9	0.4675	0.4543	0.6218
07 o88y	1.0	0.875	0.0	83.5	−2.29	81.43	81.46	92	59.02	63.11	9.96	0.4468	0.4778	0.758
08 y00l	1.0	1.0	0.0	93.13	−20.03	93.0	95.13	102	69.44	83.26	11.73	0.4223	0.5064	1.0
09 y13l	0.875	1.0	0.0	90.69	−33.88	88.93	95.17	111	58.77	77.8	11.67	0.3964	0.5248	0.9344
10 y25l	0.75	1.0	0.0	89.15	−43.39	86.72	96.97	117	52.34	74.48	11.51	0.3784	0.5384	0.8945
11 y38l	0.625	1.0	0.0	87.88	−51.83	84.78	99.37	121	47.19	71.81	11.42	0.3618	0.5506	0.8625
12 y50l	0.5	1.0	0.0	86.89	−58.94	83.25	102.01	125	43.23	69.78	11.36	0.3476	0.5611	0.8381
13 y63l	0.375	1.0	0.0	86.06	−65.23	82.05	104.83	128	39.99	68.11	11.27	0.335	0.5705	0.818
14 y75l	0.25	1.0	0.0	85.41	−70.34	81.13	107.38	131	37.51	66.82	11.2	0.3247	0.5783	0.8025
15 y88l	0.125	1.0	0.0	84.91	−74.64	80.39	109.7	133	35.56	65.83	11.16	0.316	0.5849	0.7906
16 l00c	0.0	1.0	0.0	84.68	−76.33	80.06	110.63	134	34.78	65.39	11.14	0.3125	0.5875	0.7853
17 l13c	0.0	1.0	0.125	84.74	−75.28	74.18	105.7	135	35.16	65.5	13.41	0.3082	0.5742	0.7867
18 l25c	0.0	1.0	0.25	84.91	−72.59	62.08	95.53	139	36.17	65.83	19.07	0.2988	0.5437	0.7906
19 l38c	0.0	1.0	0.375	85.09	−69.65	51.18	86.44	144	37.3	66.19	25.4	0.2894	0.5135	0.7949
20 l50c	0.0	1.0	0.5	85.31	−66.31	40.45	77.68	149	38.63	66.63	32.92	0.2796	0.4822	0.8002
21 l63c	0.0	1.0	0.625	85.56	−62.77	30.55	69.82	154	40.09	67.12	41.11	0.2703	0.4525	0.8061
22 l75c	0.0	1.0	0.75	85.88	−58.85	20.48	62.32	161	41.81	67.75	50.86	0.2606	0.4223	0.8137
23 l88c	0.0	1.0	0.875	86.32	−53.9	9.24	54.69	170	44.11	68.63	63.59	0.2502	0.3892	0.8242
24 c00v	0.0	1.0	1.0	87.52	−42.88	−13.2	44.88	197	49.88	71.07	95.87	0.2301	0.3278	0.8536
25 c13v	0.0	0.875	1.0	76.35	−25.51	−31.28	40.37	231	39.31	50.45	94.1	0.2138	0.2744	0.606
26 c25v	0.0	0.75	1.0	68.81	−12.3	−43.46	45.18	254	33.52	39.09	92.91	0.2025	0.2361	0.4694
27 c38v	0.0	0.675	1.0	62.47	0.2	−53.82	53.83	270	29.48	30.96	92.07	0.1933	0.203	0.3718
28 c50v	0.0	0.5	1.0	56.84	12.45	−63.15	64.37	281	26.44	24.76	91.51	0.1853	0.1735	0.2973
29 c63v	0.0	0.375	1.0	51.19	25.71	−72.52	76.96	290	23.83	19.43	90.97	0.1776	0.1447	0.2334
30 c75v	0.0	0.25	1.0	45.83	39.34	−81.38	90.4	296	21.76	15.15	90.44	0.1709	0.1189	0.1819
31 c88v	0.0	0.125	1.0	40.85	53.32	−89.92	104.54	301	20.19	11.77	90.35	0.1651	0.0962	0.1414
32 v00m	0.0	0.0	1.0	38.69	59.31	−93.37	110.62	302	19.53	10.48	89.96	0.1628	0.0874	0.1259
33 v13m	0.125	0.0	1.0	39.4	60.09	−92.08	109.96	303	20.3	10.89	89.86	0.1677	0.09	0.1308
34 v25m	0.25	0.0	1.0	41.07	62.18	−89.23	108.77	305	22.25	11.91	89.91	0.1793	0.096	0.143
35 v38m	0.375	0.0	1.0	43.06	64.84	−85.85	107.6	307	24.78	13.2	89.99	0.1936	0.1031	0.1585
36 v50m	0.5	0.0	1.0	45.5	67.83	−81.71	106.2	310	28.05	14.9	90.07	0.2109	0.112	0.1789
37 v63m	0.625	0.0	1.0	48.24	71.11	−77.03	104.84	313	32.05	16.99	90.15	0.2302	0.122	0.204
38 v75m	0.75	0.0	1.0	51.44	75.16	−71.64	103.84	316	37.23	19.65	90.33	0.2529	0.1335	0.236
39 v88m	0.875	0.0	1.0	55.01	79.69	−65.51	103.16	321	43.66	22.94	90.37	0.2781	0.1462	0.2756
40 m00o	1.0	0.0	1.0	60.03	85.99	−56.97	103.16	326	53.84	28.16	90.55	0.312	0.1632	0.3382
41 m13o	1.0	0.0	0.875	57.74	80.14	−34.51	87.26	337	47.93	25.69	57.5	0.3655	0.1959	0.3085
42 m25o	1.0	0.0	0.75	56.89	77.39	−23.0	80.74	343	45.65	24.81	44.74	0.3963	0.2154	0.298
43 m38o	1.0	0.0	0.675	56.29	75.15	−12.51	76.19	351	43.99	24.21	35.13	0.4258	0.2343	0.2907
44 m50o	1.0	0.0	0.5	55.77	72.98	−1.73	73.01	359	42.5	23.69	26.89	0.4566	0.2545	0.2845
45 m63o	1.0	0.0	0.375	55.33	70.96	9.95	71.66	8	41.2	23.25	19.65	0.4899	0.2764	0.2792
46 m75o	1.0	0.0	0.25	54.93	69.06	22.67	72.69	18	40.03	22.86	13.45	0.5243	0.2994	0.2746
47 m88o	1.0	0.0	0.125	54.62	67.49	38.15	77.53	29	39.1	22.56	7.95	0.5617	0.3241	0.2709
48 o00y	1.0	0.0	0.0	54.67	67.03	46.6	81.64	35	39.03	22.61	5.8	0.5787	0.3353	0.2716
49 n00w	0.0	0.0	0.0	26.07	0.0	0.0	0.01	0	4.53	4.77	5.19	0.3127	0.329	0.0573
50 n13w	0.125	0.125	0.125	30.83	0.18	−1.32	1.34	278	6.27	6.58	7.53	0.3078	0.3229	0.079
51 n25w	0.25	0.25	0.25	40.04	0.54	−3.14	3.19	280	10.79	11.28	13.52	0.3032	0.3169	0.1354
52 n38w	0.375	0.375	0.375	48.55	0.2	−2.92	2.94	274	16.41	17.23	20.28	0.3044	0.3195	0.207
53 n50w	0.5	0.5	0.5	56.78	0.31	−2.14	2.17	278	23.55	24.7	28.3	0.3076	0.3227	0.2967
54 n63w	0.625	0.625	0.625	64.6	0.72	−0.98	1.22	306	32.08	33.54	37.3	0.3117	0.3259	0.4028
55 n75w	0.75	0.75	0.75	72.89	0.85	1.12	1.41	53	43.04	44.99	47.92	0.3166	0.3309	0.5403
56 n88w	0.875	0.875	0.875	82.14	−0.07	3.49	3.49	91	57.52	60.56	61.94	0.3195	0.3364	0.7273
57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.064

n = 88.59 / (88.59 + 5.04) = 0.946

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS27a für Helligkeit *L=27 von Schwarz für Lichart D65**

System TLS27a
LECD-Monitor

D65-Reflexion:
Y_N = 5.04
L^*_N = 26.85

Y Gelb
*LCH**a = 93.1 95.1 102
*LAB**a = 93.1 −20.0 93.0

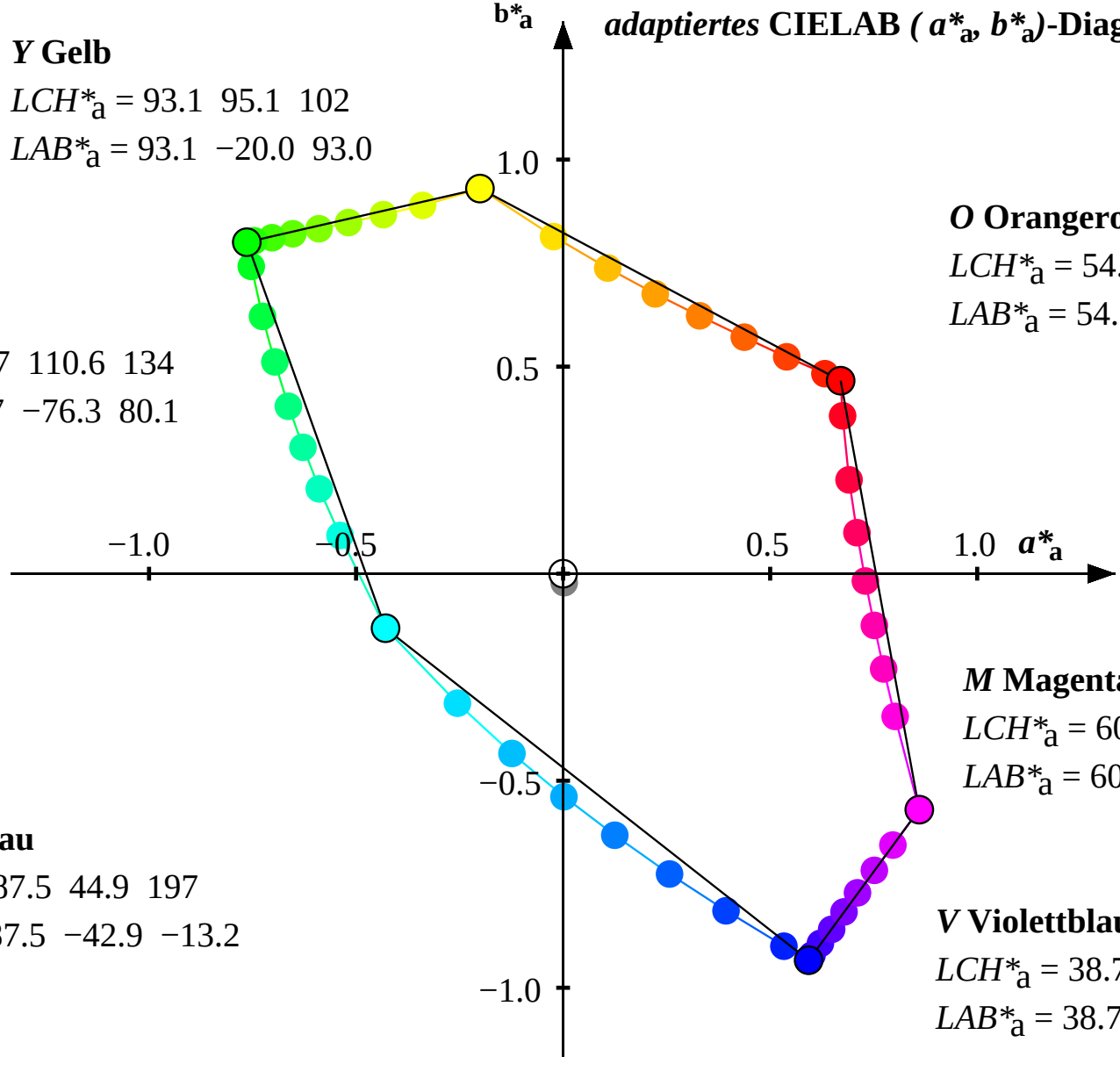
O Orangerot
*LCH**a = 54.7 81.6 35
*LAB**a = 54.7 67.0 46.6

L Laubgrün
*LCH**a = 84.7 110.6 134
*LAB**a = 84.7 −76.3 80.1

M Magentarot
*LCH**a = 60.0 103.2 326
*LAB**a = 60.0 86.0 −57.0

C Cyanblau
*LCH**a = 87.5 44.9 197
*LAB**a = 87.5 −42.9 −13.2

V Violettblau
*LCH**a = 38.7 110.6 302
*LAB**a = 38.7 59.3 −93.4



Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS38a für Helligkeit *L**=38 von Schwarz für Lichtart D65

System TLS38a
LECD-Monitor

D65-Reflexion:
Y_N = 10.08
L^*_N = 37.99

Farbe	*r=olv*1*	*g=olv*2*	*b=olv*3*	L^*_a=*LAB*1a*	a^*_a=*LAB*2a*	b^*_a=*LAB*3a*	$C^*_{ab,a}$=*LAB*ab,a*	$h_{ab,a}$	X_a=*XYZ1a*	Y_a=*XYZ2a*	Z_a=*XYZ3a*	x_a	y_a	Y_a/88.59
00 o00y	1.0	0.0	0.0	58.02	59.78	36.11	69.84	31	41.34	25.98	10.43	0.5317	0.3342	0.3111
01 o13y	1.0	0.125	0.0	59.19	56.57	37.76	68.02	34	41.94	27.24	10.56	0.526	0.3416	0.326
02 o25y	1.0	0.25	0.0	62.12	48.65	41.64	64.04	41	43.52	30.54	10.96	0.5118	0.3592	0.3656
03 o38y	1.0	0.375	0.0	65.52	39.75	46.28	61.01	49	45.5	34.71	11.4	0.4966	0.3789	0.4155
04 o50y	1.0	0.5	0.0	69.4	30.16	51.43	59.62	60	48.02	39.9	11.97	0.4808	0.3994	0.4776
05 o63y	1.0	0.625	0.0	73.47	20.56	56.79	60.4	70	50.97	45.89	12.6	0.4656	0.4192	0.5493
06 o75y	1.0	0.75	0.0	78.26	10.01	63.09	63.88	81	54.85	53.65	13.38	0.4501	0.4402	0.6423
07 o88y	1.0	0.875	0.0	84.18	−2.14	70.87	70.9	92	60.31	64.41	14.38	0.4336	0.4631	0.7711
08 y00l	1.0	1.0	0.0	93.25	−18.92	82.7	84.84	103	70.2	83.54	16.05	0.4134	0.492	1.0
09 y13l	0.875	1.0	0.0	90.94	−31.85	78.83	85.02	112	60.07	78.35	16.0	0.389	0.5074	0.9379
10 y25l	0.75	1.0	0.0	89.49	−40.64	76.66	86.77	118	53.96	75.2	15.85	0.3721	0.5186	0.9002
11 y38l	0.625	1.0	0.0	88.29	−48.38	74.79	89.08	123	49.08	72.67	15.77	0.3569	0.5285	0.8699
12 y50l	0.5	1.0	0.0	87.36	−54.86	73.32	91.58	127	45.33	70.74	15.7	0.344	0.5369	0.8469
13 y63l	0.375	1.0	0.0	86.58	−60.55	72.15	94.2	130	42.25	69.15	15.62	0.3326	0.5444	0.8278
14 y75l	0.25	1.0	0.0	85.97	−65.14	71.25	96.54	132	39.9	67.93	15.56	0.3234	0.5505	0.8132
15 y88l	0.125	1.0	0.0	85.5	−68.99	70.53	98.67	134	38.05	66.99	15.52	0.3156	0.5557	0.802
16 l00c	0.0	1.0	0.0	85.29	−70.49	70.22	99.5	135	37.3	66.58	15.49	0.3125	0.5577	0.797
17 l13c	0.0	1.0	0.125	85.34	−69.54	65.67	95.66	137	37.67	66.68	17.65	0.3087	0.5466	0.7982
18 l25c	0.0	1.0	0.25	85.5	−67.13	55.85	87.33	140	38.63	66.99	23.02	0.3003	0.5208	0.802
19 l38c	0.0	1.0	0.375	85.67	−64.47	46.57	79.54	144	39.7	67.33	29.03	0.2918	0.4949	0.806
20 l50c	0.0	1.0	0.5	85.88	−61.46	37.15	71.82	149	40.96	67.75	36.16	0.2827	0.4676	0.811
21 l63c	0.0	1.0	0.625	86.11	−58.25	28.26	64.75	154	42.35	68.22	43.94	0.2741	0.4415	0.8166
22 l75c	0.0	1.0	0.75	86.41	−54.69	19.06	57.92	161	43.98	68.82	53.19	0.265	0.4146	0.8238
23 l88c	0.0	1.0	0.875	86.82	−50.17	8.65	50.92	170	46.16	69.65	65.27	0.2549	0.3846	0.8338
24 c00v	0.0	1.0	1.0	87.95	−40.07	−12.47	41.98	197	51.64	71.97	95.9	0.2352	0.3279	0.8615
25 c13v	0.0	0.875	1.0	77.52	−23.46	−29.34	37.58	231	41.6	52.4	94.22	0.221	0.2784	0.6273
26 c25v	0.0	0.75	1.0	70.61	−11.15	−40.5	42.02	255	36.11	41.62	93.1	0.2114	0.2436	0.4982
27 c38v	0.0	0.675	1.0	64.89	0.18	−49.81	49.82	270	32.27	33.9	92.29	0.2036	0.2139	0.4059
28 c50v	0.0	0.5	1.0	59.9	10.95	−58.03	59.07	281	29.39	28.02	91.76	0.197	0.1878	0.3354
29 c63v	0.0	0.375	1.0	55.03	22.18	−66.08	69.71	289	26.92	22.96	91.25	0.1907	0.1627	0.2749
30 c75v	0.0	0.25	1.0	50.57	33.21	−73.43	80.6	294	24.95	18.9	90.74	0.1854	0.1404	0.2262
31 c88v	0.0	0.125	1.0	46.57	43.96	−80.27	91.52	299	23.46	15.69	90.66	0.1807	0.1209	0.1879
32 v00m	0.0	0.0	1.0	44.9	48.33	−82.9	95.96	300	22.83	14.47	90.29	0.1789	0.1134	0.1732
33 v13m	0.125	0.0	1.0	45.44	49.26	−81.89	95.58	301	23.56	14.86	90.2	0.1832	0.1155	0.1779
34 v25m	0.25	0.0	1.0	46.74	51.68	−79.68	94.98	303	25.41	15.82	90.24	0.1933	0.1204	0.1894
35 v38m	0.375	0.0	1.0	48.32	54.71	−77.01	94.47	305	27.81	17.05	90.32	0.2057	0.1261	0.2041
36 v50m	0.5	0.0	1.0	50.29	58.14	−73.67	93.86	308	30.92	18.66	90.4	0.2209	0.1333	0.2234
37 v63m	0.625	0.0	1.0	52.56	61.89	−69.82	93.31	312	34.71	20.64	90.47	0.238	0.1416	0.2471
38 v75m	0.75	0.0	1.0	55.25	66.43	−65.29	93.16	315	39.63	23.17	90.64	0.2583	0.151	0.2774
39 v88m	0.875	0.0	1.0	58.32	71.45	−60.03	93.33	320	45.73	26.3	90.68	0.281	0.1616	0.3148
40 m00o	1.0	0.0	1.0	62.72	78.36	−52.56	94.36	326	55.39	31.25	90.85	0.3121	0.1761	0.3741
41 m13o	1.0	0.0	0.875	60.7	72.47	−31.26	78.93	337	49.78	28.9	59.49	0.3603	0.2092	0.346
42 m25o	1.0	0.0	0.75	59.95	69.75	−20.6	72.73	344	47.62	28.07	47.38	0.3869	0.2281	0.336
43 m38o	1.0	0.0	0.675	59.43	67.57	−11.07	68.47	351	46.04	27.5	38.26	0.4118	0.2459	0.3291
44 m50o	1.0	0.0	0.5	58.98	65.46	−1.51	65.48	359	44.63	27.0	30.45	0.4372	0.2645	0.3232
45 m63o	1.0	0.0	0.375	58.59	63.51	8.51	64.08	8	43.39	26.58	23.57	0.4638	0.2842	0.3182
46 m75o	1.0	0.0	0.25	58.24	61.69	18.87	64.51	17	42.29	26.22	17.69	0.4906	0.3042	0.3139
47 m88o	1.0	0.0	0.125	57.97	60.18	30.4	67.43	27	41.4	25.93	12.47	0.5188	0.3249	0.3104
48 o00y	1.0	0.0	0.0	58.02	59.78	36.11	69.84	31	41.34	25.98	10.43	0.5317	0.3342	0.3111
49 n00w	0.0	0.0	0.0	36.08	0.0	0.0	0.01	0	8.6	9.05	9.85	0.3127	0.329	0.1083
50 n13w	0.125	0.125	0.125	39.19	0.13	−0.91	0.93	278	10.25	10.77	12.07	0.3098	0.3255	0.1289
51 n25w	0.25	0.25	0.25	45.94	0.42	−2.46	2.5	280	14.54	15.22	17.75	0.306	0.3204	0.1823
52 n38w	0.375	0.375	0.375	52.82	0.17	−2.45	2.47	274	19.88	20.88	24.18	0.3061	0.3215	0.2499
53 n50w	0.5	0.5	0.5	59.86	0.27	−1.87	1.9	278	26.64	27.96	31.78	0.3084	0.3237	0.3348
54 n63w	0.625	0.625	0.625	66.79	0.64	−0.88	1.1	306	34.74	36.35	40.33	0.3118	0.3263	0.4352
55 n75w	0.75	0.75	0.75	74.33	0.78	1.03	1.29	53	45.15	47.22	50.4	0.3162	0.3307	0.5652
56 n88w	0.875	0.875	0.875	82.91	−0.07	3.25	3.25	91	58.88	61.99	63.71	0.319	0.3358	0.7421
57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0605

n = 88.59 / (88.59 + 10.08) = 0.898

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS38a für Helligkeit *L=38 von Schwarz für Lichtart D65**

System TLS38a
LECD-Monitor

D65-Reflexion:
Y_N = 10.08
L^*_N = 37.99

***Y* Gelb**
*LCH**a = 93.2 84.8 103
*LAB**a = 93.2 −18.9 82.7

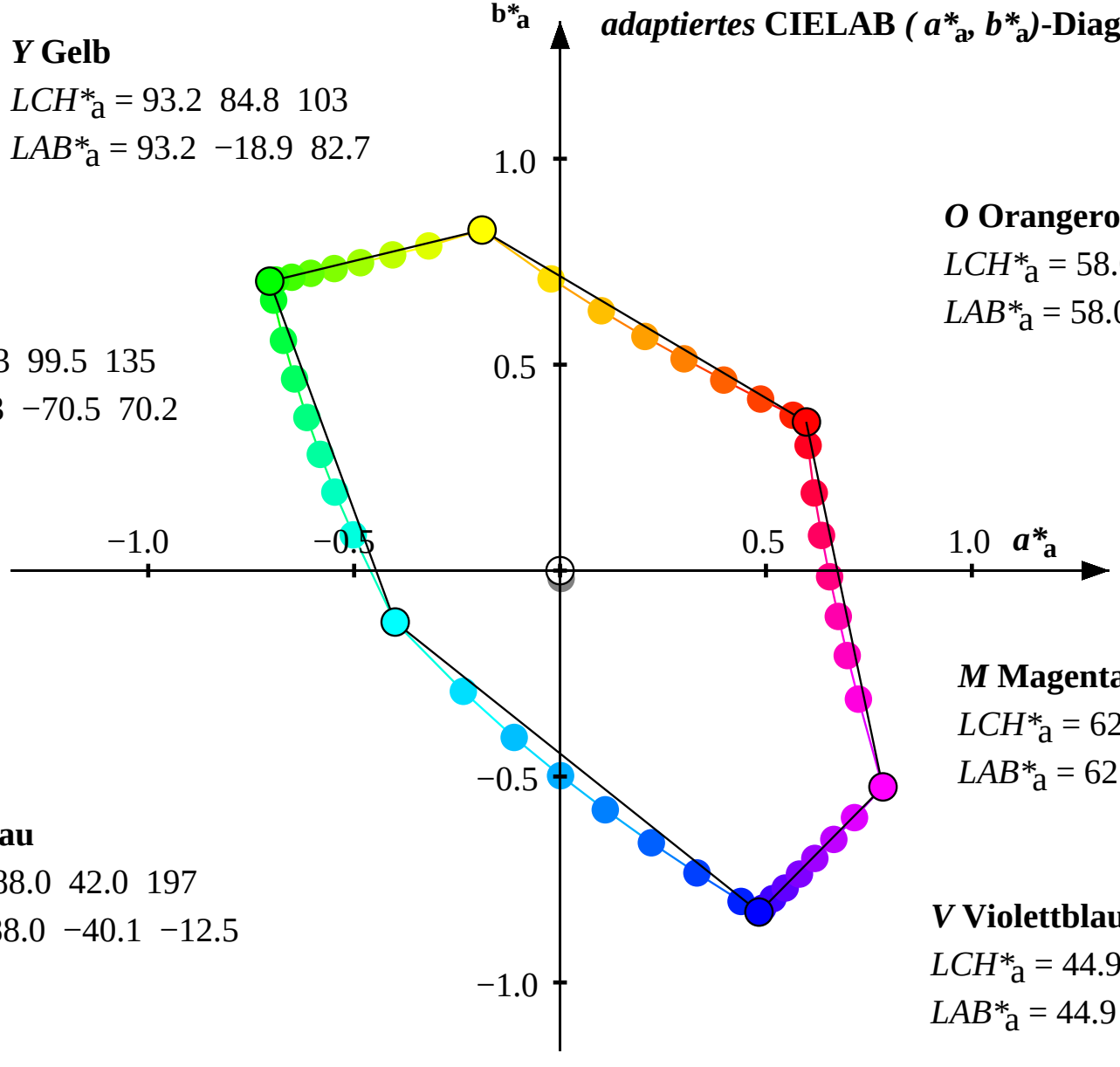
***O* Orangerot**
*LCH**a = 58.0 69.8 31
*LAB**a = 58.0 59.8 36.1

***L* Laubgrün**
*LCH**a = 85.3 99.5 135
*LAB**a = 85.3 −70.5 70.2

***M* Magentarot**
*LCH**a = 62.7 94.4 326
*LAB**a = 62.7 78.4 −52.6

***C* Cyanblau**
*LCH**a = 88.0 42.0 197
*LAB**a = 88.0 −40.1 −12.5

***V* Violettblau**
*LCH**a = 44.9 96.0 300
*LAB**a = 44.9 48.3 −82.9



Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS52a für Helligkeit *L**=52 von Schwarz für Lichtart D65

System TLS52a
LECD-Monitor

D65-Reflexion:
Y_N = 20.16
L^*_N = 52.02

Farbe	r=olv*1	g=olv*2	b=olv*3	L*a=LAB*1a	a*a=LAB*2a	b*a=LAB*3a	C*ab,a=LAB*ab,a	hab,a	Xa=XYZ1a	Ya=XYZ2a	Za=XYZ3a	xa	ya	Ya/88.59
00 o00y	1.0	0.0	0.0	63.17	49.37	25.91	55.76	28	45.31	31.79	18.4	0.4745	0.3328	0.3784
01 o13y	1.0	0.125	0.0	64.1	46.92	27.29	54.28	30	45.86	32.92	18.52	0.4713	0.3384	0.3919
02 o25y	1.0	0.25	0.0	66.46	40.76	30.63	50.99	37	47.29	35.92	18.89	0.4631	0.3519	0.4276
03 o38y	1.0	0.375	0.0	69.26	33.66	34.68	48.33	46	49.09	39.71	19.29	0.4542	0.3674	0.4727
04 o50y	1.0	0.5	0.0	72.5	25.84	39.28	47.02	57	51.38	44.41	19.8	0.4445	0.3842	0.5287
05 o63y	1.0	0.625	0.0	75.98	17.8	44.18	47.63	68	54.05	49.85	20.38	0.4349	0.4011	0.5934
06 o75y	1.0	0.75	0.0	80.12	8.77	50.03	50.79	80	57.57	56.89	21.08	0.4248	0.4197	0.6772
07 o88y	1.0	0.875	0.0	85.33	−1.9	57.36	57.4	92	62.52	66.65	21.99	0.4136	0.4409	0.7935
08 y00l	1.0	1.0	0.0	93.45	−17.03	68.73	70.81	104	71.5	84.0	23.51	0.3994	0.4693	1.0
09 y13l	0.875	1.0	0.0	91.37	−28.44	65.22	71.15	114	62.3	79.3	23.46	0.3775	0.4804	0.944
10 y25l	0.75	1.0	0.0	90.06	−36.08	63.2	72.78	120	56.77	76.44	23.32	0.3627	0.4883	0.91
11 y38l	0.625	1.0	0.0	88.99	−42.73	61.49	74.88	125	52.33	74.15	23.25	0.3495	0.4952	0.8827
12 y50l	0.5	1.0	0.0	88.16	−48.22	60.15	77.1	129	48.93	72.4	23.19	0.3386	0.501	0.8618
13 y63l	0.375	1.0	0.0	87.46	−52.99	59.07	79.36	132	46.14	70.96	23.12	0.3291	0.5061	0.8447
14 y75l	0.25	1.0	0.0	86.92	−56.8	58.24	81.36	134	44.0	69.84	23.06	0.3214	0.5102	0.8314
15 y88l	0.125	1.0	0.0	86.5	−59.98	57.58	83.15	136	42.32	68.99	23.02	0.3151	0.5136	0.8213
16 l00c	0.0	1.0	0.0	86.31	−61.21	57.29	83.85	137	41.65	68.62	23.0	0.3125	0.5149	0.8168
17 l13c	0.0	1.0	0.125	86.36	−60.42	54.09	81.1	138	41.98	68.71	24.96	0.3095	0.5065	0.8179
18 l25c	0.0	1.0	0.25	86.5	−58.41	46.83	74.87	141	42.85	68.99	29.83	0.3025	0.487	0.8213
19 l38c	0.0	1.0	0.375	86.65	−56.18	39.62	68.76	145	43.82	69.3	35.28	0.2953	0.467	0.825
20 l50c	0.0	1.0	0.5	86.84	−53.65	32.01	62.48	149	44.97	69.68	41.75	0.2875	0.4455	0.8295
21 l63c	0.0	1.0	0.625	87.05	−50.95	24.6	56.59	154	46.22	70.1	48.81	0.2799	0.4245	0.8345
22 l75c	0.0	1.0	0.75	87.31	−47.94	16.75	50.79	161	47.71	70.65	57.2	0.2717	0.4024	0.841
23 l88c	0.0	1.0	0.875	87.68	−44.1	7.67	44.77	170	49.69	71.41	68.16	0.2625	0.3773	0.85
24 c00v	0.0	1.0	1.0	88.69	−35.45	−11.24	37.2	198	54.65	73.51	95.95	0.2439	0.328	0.8751
25 c13v	0.0	0.875	1.0	79.48	−20.23	−26.11	33.04	232	45.55	55.76	94.43	0.2327	0.2849	0.6637
26 c25v	0.0	0.75	1.0	73.53	−9.41	−35.67	36.91	255	40.57	45.97	93.41	0.2254	0.2555	0.5472
27 c38v	0.0	0.675	1.0	68.73	0.14	−43.44	43.45	270	37.08	38.97	92.68	0.2198	0.231	0.4639
28 c50v	0.0	0.5	1.0	64.67	8.86	−50.12	50.91	280	34.47	33.63	92.19	0.215	0.2098	0.4004
29 c63v	0.0	0.375	1.0	60.82	17.54	−56.44	59.11	287	32.23	29.05	91.73	0.2106	0.1898	0.3458
30 c75v	0.0	0.25	1.0	57.42	25.62	−61.98	67.07	292	30.44	25.36	91.27	0.207	0.1724	0.3019
31 c88v	0.0	0.125	1.0	54.5	33.08	−66.96	74.7	296	29.09	22.45	91.2	0.2038	0.1573	0.2673
32 v00m	0.0	0.0	1.0	53.32	35.95	−68.77	77.61	298	28.52	21.34	90.86	0.2027	0.1516	0.254
33 v13m	0.125	0.0	1.0	53.7	36.88	−68.05	77.41	298	29.18	21.69	90.78	0.206	0.1531	0.2582
34 v25m	0.25	0.0	1.0	54.63	39.25	−66.49	77.22	301	30.86	22.57	90.82	0.2139	0.1565	0.2687
35 v38m	0.375	0.0	1.0	55.77	42.23	−64.57	77.16	303	33.04	23.68	90.89	0.2238	0.1604	0.2819
36 v50m	0.5	0.0	1.0	57.22	45.7	−62.12	77.13	306	35.86	25.15	90.96	0.236	0.1655	0.2993
37 v63m	0.625	0.0	1.0	58.92	49.56	−59.23	77.24	310	39.3	26.94	91.03	0.2499	0.1713	0.3207
38 v75m	0.75	0.0	1.0	60.99	54.25	−55.77	77.81	314	43.76	29.23	91.18	0.2665	0.1781	0.348
39 v88m	0.875	0.0	1.0	63.4	59.47	−51.63	78.76	319	49.29	32.07	91.22	0.2856	0.1858	0.3818
40 m00o	1.0	0.0	1.0	66.95	66.73	−45.62	80.84	326	58.06	36.56	91.37	0.3122	0.1966	0.4352
41 m13o	1.0	0.0	0.875	65.31	61.02	−26.39	66.49	337	52.97	34.44	62.92	0.3524	0.2291	0.4099
42 m25o	1.0	0.0	0.75	64.71	58.46	−17.1	60.92	344	51.01	33.68	51.93	0.3734	0.2465	0.4009
43 m38o	1.0	0.0	0.675	64.29	56.43	−9.04	57.15	351	49.58	33.16	43.65	0.3923	0.2623	0.3947
44 m50o	1.0	0.0	0.5	63.92	54.49	−1.21	54.5	359	48.29	32.71	36.56	0.4108	0.2782	0.3894
45 m63o	1.0	0.0	0.375	63.62	52.71	6.65	53.13	7	47.17	32.33	30.33	0.4295	0.2944	0.3849
46 m75o	1.0	0.0	0.25	63.34	51.06	14.34	53.04	16	46.17	32.0	25.0	0.4475	0.3102	0.3809
47 m88o	1.0	0.0	0.125	63.13	49.7	22.25	54.46	24	45.37	31.74	20.26	0.466	0.326	0.3778
48 o00y	1.0	0.0	0.0	63.17	49.37	25.91	55.76	28	45.31	31.79	18.4	0.4745	0.3328	0.3784
49 n00w	0.0	0.0	0.0	47.52	0.0	0.0	0.01	0	15.61	16.42	17.88	0.3127	0.329	0.1955
50 n13w	0.125	0.125	0.125	49.48	0.08	−0.58	0.6	278	17.11	17.98	19.89	0.3111	0.3271	0.2141
51 n25w	0.25	0.25	0.25	54.05	0.3	−1.76	1.79	280	21.0	22.02	25.05	0.3084	0.3236	0.2622
52 n38w	0.375	0.375	0.375	59.12	0.13	−1.87	1.89	274	25.84	27.15	30.88	0.3081	0.3238	0.3233
53 n50w	0.5	0.5	0.5	64.63	0.22	−1.5	1.53	278	31.98	33.58	37.77	0.3095	0.325	0.3998
54 n63w	0.625	0.625	0.625	70.31	0.54	−0.73	0.92	306	39.32	41.2	45.53	0.312	0.3268	0.4904
55 n75w	0.75	0.75	0.75	76.71	0.67	0.89	1.11	53	48.77	51.05	54.67	0.3157	0.3305	0.6077
56 n88w	0.875	0.875	0.875	84.2	−0.06	2.87	2.87	91	61.23	64.46	66.74	0.3182	0.335	0.7673
57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	322	84.2	88.59	96.46	0.3127	0.329	1.0546

n = 88.59 / (88.59 + 20.16) = 0.815

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS52a für Helligkeit *L=52 von Schwarz für Lichart D65**

System TLS52a
LECD-Monitor

D65-Reflexion:
Y_N = 20.16
L^*_N = 52.02

Y Gelb
*LCH**a = 93.5 70.8 104
*LAB**a = 93.5 −17.0 68.7

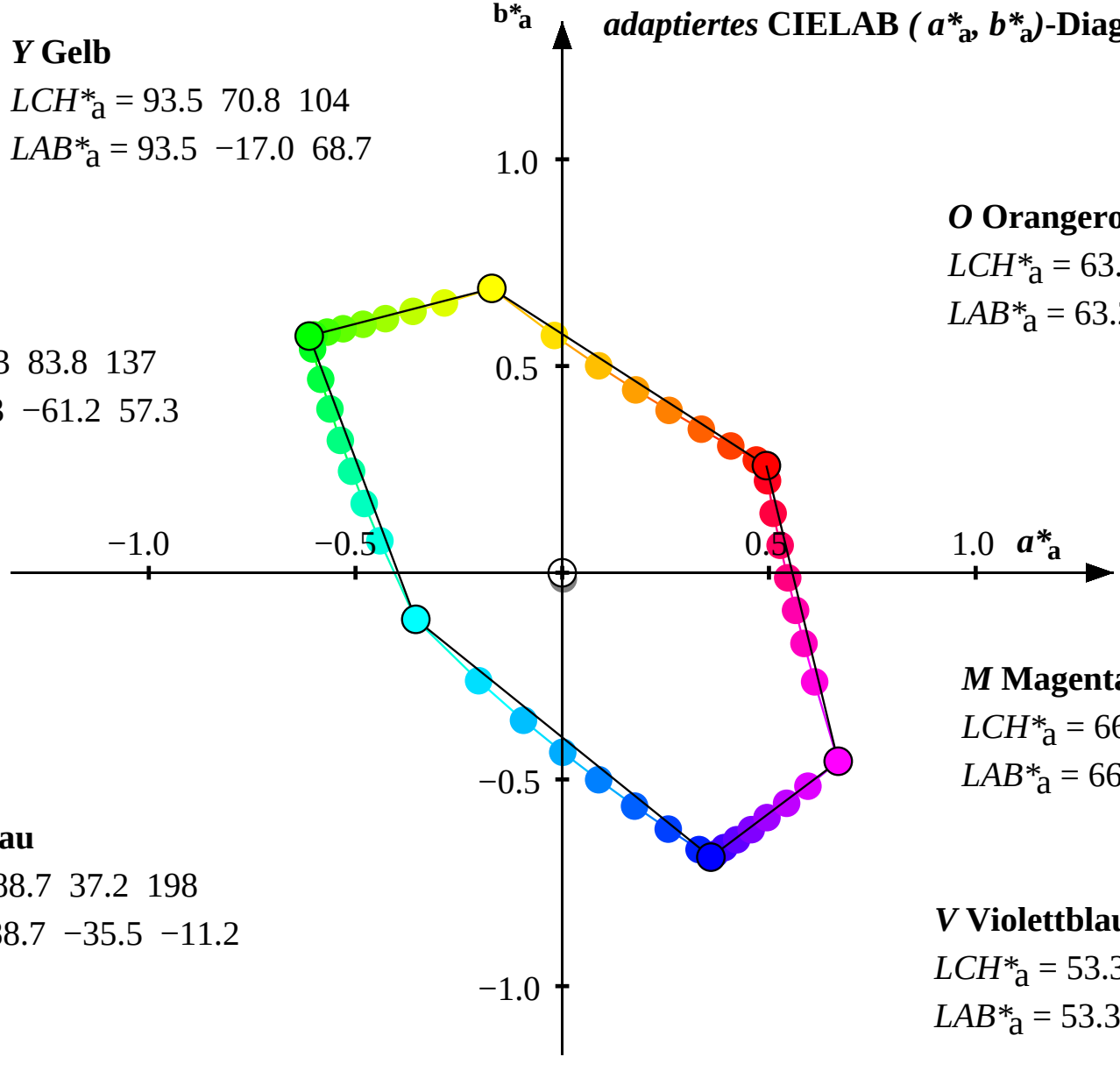
O Orangerot
*LCH**a = 63.2 55.8 28
*LAB**a = 63.2 49.4 25.9

L Laubgrün
*LCH**a = 86.3 83.8 137
*LAB**a = 86.3 −61.2 57.3

M Magentarot
*LCH**a = 66.9 80.8 326
*LAB**a = 66.9 66.7 −45.6

C Cyanblau
*LCH**a = 88.7 37.2 198
*LAB**a = 88.7 −35.5 −11.2

V Violettblau
*LCH**a = 53.3 77.6 298
*LAB**a = 53.3 36.0 −68.8



Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS70a für Helligkeit *L**=70 von Schwarz für Lichtart D65

System TLS70a
LECD-Monitor

D65-Reflexion:
Y_N = 40.32
L^*_N = 69.7

	Farbe	*r=olv*1*	*g=olv*2*	*b=olv*3*	L^*_a=*LAB*1a*	a^*_a=*LAB*2a*	b^*_a=*LAB*3a*	$C^*_{ab,a}$=*LAB*ab,a*	$h_{ab,a}$	X_a=*XYZ1a*	Y_a=*XYZ2a*	Z_a=*XYZ3a*	x_a	y_a	Y_a/88.59
00	o00y	1.0	0.0	0.0	69.94	36.9	17.16	40.7	25	51.39	40.67	30.61	0.4189	0.3315	0.4801
01	o13y	1.0	0.125	0.0	70.61	35.23	18.18	39.64	27	51.85	41.63	30.71	0.4175	0.3352	0.4914
02	o25y	1.0	0.25	0.0	72.34	30.95	20.7	37.24	34	53.06	44.16	31.02	0.4138	0.3444	0.5212
03	o38y	1.0	0.375	0.0	74.41	25.88	23.81	35.17	43	54.58	47.35	31.36	0.4095	0.3553	0.5589
04	o50y	1.0	0.5	0.0	76.87	20.13	27.45	34.04	54	56.51	51.32	31.79	0.4047	0.3676	0.6057
05	o63y	1.0	0.625	0.0	79.56	14.06	31.41	34.41	66	58.76	55.91	32.27	0.3999	0.3805	0.6599
06	o75y	1.0	0.75	0.0	82.83	7.03	36.24	36.91	79	61.74	61.85	32.87	0.3946	0.3953	0.73
07	o88y	1.0	0.875	0.0	87.04	−1.54	42.45	42.48	92	65.91	70.08	33.63	0.3886	0.4132	0.8272
08	y00l	1.0	1.0	0.0	93.76	−14.2	52.35	54.24	105	73.48	84.72	34.92	0.3805	0.4387	1.0
09	y13l	0.875	1.0	0.0	92.02	−23.43	49.4	54.68	115	65.73	80.75	34.88	0.3624	0.4453	0.9532
10	y25l	0.75	1.0	0.0	90.93	−29.49	47.68	56.07	122	61.06	78.34	34.76	0.3506	0.4498	0.9247
11	y38l	0.625	1.0	0.0	90.05	−34.66	46.23	57.79	127	57.31	76.41	34.69	0.3403	0.4537	0.9018
12	y50l	0.5	1.0	0.0	89.36	−38.87	45.11	59.56	131	54.44	74.93	34.65	0.3319	0.4568	0.8844
13	y63l	0.375	1.0	0.0	88.79	−42.47	44.2	61.31	134	52.09	73.71	34.59	0.3248	0.4596	0.8701
14	y75l	0.25	1.0	0.0	88.34	−45.32	43.5	62.83	136	50.29	72.78	34.54	0.3191	0.4618	0.859
15	y88l	0.125	1.0	0.0	88.0	−47.67	42.95	64.17	138	48.87	72.06	34.5	0.3144	0.4636	0.8505
16	l00c	0.0	1.0	0.0	87.84	−48.57	42.71	64.68	139	48.3	71.74	34.49	0.3126	0.4642	0.8468
17	l13c	0.0	1.0	0.125	87.88	−47.97	40.63	62.88	140	48.58	71.82	36.14	0.3103	0.4588	0.8477
18	l25c	0.0	1.0	0.25	88.0	−46.46	35.77	58.64	142	49.32	72.06	40.25	0.3051	0.4458	0.8505
19	l38c	0.0	1.0	0.375	88.12	−44.79	30.71	54.31	146	50.14	72.32	44.85	0.2997	0.4323	0.8536
20	l50c	0.0	1.0	0.5	88.27	−42.87	25.17	49.72	150	51.1	72.64	50.31	0.2936	0.4173	0.8574
21	l63c	0.0	1.0	0.625	88.45	−40.81	19.59	45.28	154	52.16	73.0	56.26	0.2875	0.4024	0.8616
22	l75c	0.0	1.0	0.75	88.66	−38.51	13.5	40.82	161	53.41	73.45	63.34	0.2808	0.3862	0.867
23	l88c	0.0	1.0	0.875	88.97	−35.55	6.26	36.11	170	55.08	74.09	72.58	0.273	0.3672	0.8745
24	c00v	0.0	1.0	1.0	89.8	−28.82	−9.38	30.32	198	59.27	75.87	96.03	0.2564	0.3282	0.8955
25	c13v	0.0	0.875	1.0	82.32	−15.9	−21.41	26.69	233	51.59	60.89	94.75	0.249	0.2938	0.7187
26	c25v	0.0	0.75	1.0	77.66	−7.21	−28.87	29.77	256	47.39	52.64	93.88	0.2444	0.2714	0.6213
27	c38v	0.0	0.675	1.0	74.02	0.11	−34.73	34.74	270	44.45	46.73	93.27	0.241	0.2534	0.5516
28	c50v	0.0	0.5	1.0	71.03	6.48	−39.61	40.15	279	42.25	42.23	92.86	0.2382	0.2381	0.4984
29	c63v	0.0	0.375	1.0	68.28	12.52	−44.08	45.83	286	40.35	38.36	92.47	0.2357	0.2241	0.4527
30	c75v	0.0	0.25	1.0	65.94	17.87	−47.85	51.09	290	38.85	35.25	92.08	0.2338	0.2121	0.416
31	c88v	0.0	0.125	1.0	63.99	22.61	−51.16	55.94	294	37.71	32.79	92.02	0.232	0.2018	0.3871
32	v00m	0.0	0.0	1.0	63.22	24.35	−52.3	57.7	295	37.23	31.86	91.74	0.2315	0.1981	0.376
33	v13m	0.125	0.0	1.0	63.47	25.11	−51.82	57.59	296	37.79	32.16	91.67	0.2338	0.199	0.3795
34	v25m	0.25	0.0	1.0	64.07	27.05	−50.8	57.57	298	39.2	32.89	91.7	0.2393	0.2008	0.3883
35	v38m	0.375	0.0	1.0	64.83	29.52	−49.54	57.68	301	41.04	33.83	91.76	0.2463	0.203	0.3993
36	v50m	0.5	0.0	1.0	65.8	32.49	−47.91	57.9	304	43.42	35.07	91.82	0.2549	0.2059	0.4139
37	v63m	0.625	0.0	1.0	66.96	35.88	−45.95	58.3	308	46.32	36.58	91.88	0.265	0.2093	0.4318
38	v75m	0.75	0.0	1.0	68.4	40.07	−43.56	59.19	313	50.08	38.52	92.01	0.2773	0.2133	0.4546
39	v88m	0.875	0.0	1.0	70.11	44.86	−40.62	60.53	318	54.75	40.91	92.04	0.2917	0.218	0.4829
40	m00o	1.0	0.0	1.0	72.69	51.69	−36.26	63.15	325	62.15	44.7	92.16	0.3123	0.2246	0.5276
41	m13o	1.0	0.0	0.875	71.49	46.64	−20.24	50.85	337	57.86	42.9	68.16	0.3425	0.254	0.5064
42	m25o	1.0	0.0	0.75	71.05	44.44	−12.85	46.27	344	56.2	42.27	58.89	0.3571	0.2686	0.4989
43	m38o	1.0	0.0	0.675	70.75	42.72	−6.66	43.24	351	54.99	41.83	51.91	0.3697	0.2812	0.4937
44	m50o	1.0	0.0	0.5	70.49	41.1	−0.87	41.11	359	53.91	41.45	45.93	0.3816	0.2934	0.4892
45	m63o	1.0	0.0	0.375	70.27	39.62	4.7	39.9	7	52.96	41.13	40.67	0.393	0.3052	0.4855
46	m75o	1.0	0.0	0.25	70.07	38.26	9.88	39.52	14	52.12	40.85	36.17	0.4036	0.3163	0.4822
47	m88o	1.0	0.0	0.125	69.92	37.15	14.92	40.03	22	51.44	40.63	32.17	0.414	0.327	0.4796
48	o00y	1.0	0.0	0.0	69.94	36.9	17.16	40.7	25	51.39	40.67	30.61	0.4189	0.3315	0.4801
49	n00w	0.0	0.0	0.0	59.62	0.0	0.0	0.01	158	26.33	27.71	30.17	0.3127	0.329	0.3271
50	n13w	0.125	0.125	0.125	60.8	0.05	−0.35	0.37	278	27.6	29.02	31.86	0.3119	0.328	0.3426
51	n25w	0.25	0.25	0.25	63.7	0.2	−1.15	1.17	280	30.88	32.43	36.22	0.3102	0.3259	0.3828
52	n38w	0.375	0.375	0.375	67.1	0.09	−1.3	1.31	274	34.96	36.76	41.13	0.3098	0.3257	0.4339
53	n50w	0.5	0.5	0.5	71.0	0.16	−1.09	1.11	278	40.14	42.19	46.95	0.3105	0.3263	0.4979
54	n63w	0.625	0.625	0.625	75.21	0.41	−0.55	0.69	306	46.34	48.61	53.49	0.3122	0.3275	0.5737
55	n75w	0.75	0.75	0.75	80.14	0.53	0.69	0.87	53	54.31	56.92	61.2	0.3149	0.3301	0.6719
56	n88w	0.875	0.875	0.875	86.12	−0.05	2.32	2.32	91	64.82	68.23	71.39	0.3171	0.3337	0.8053
57	n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0457

n = 88.59 / (88.59 + 40.32) = 0.687

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS70a für Helligkeit *L=70 von Schwarz für Lichtart D65**

System TLS70a
LECD-Monitor

D65-Reflexion:
Y_N = 40.32
L^*_N = 69.7

Y Gelb
*LCH**a = 93.8 54.2 105
*LAB**a = 93.8 −14.2 52.4

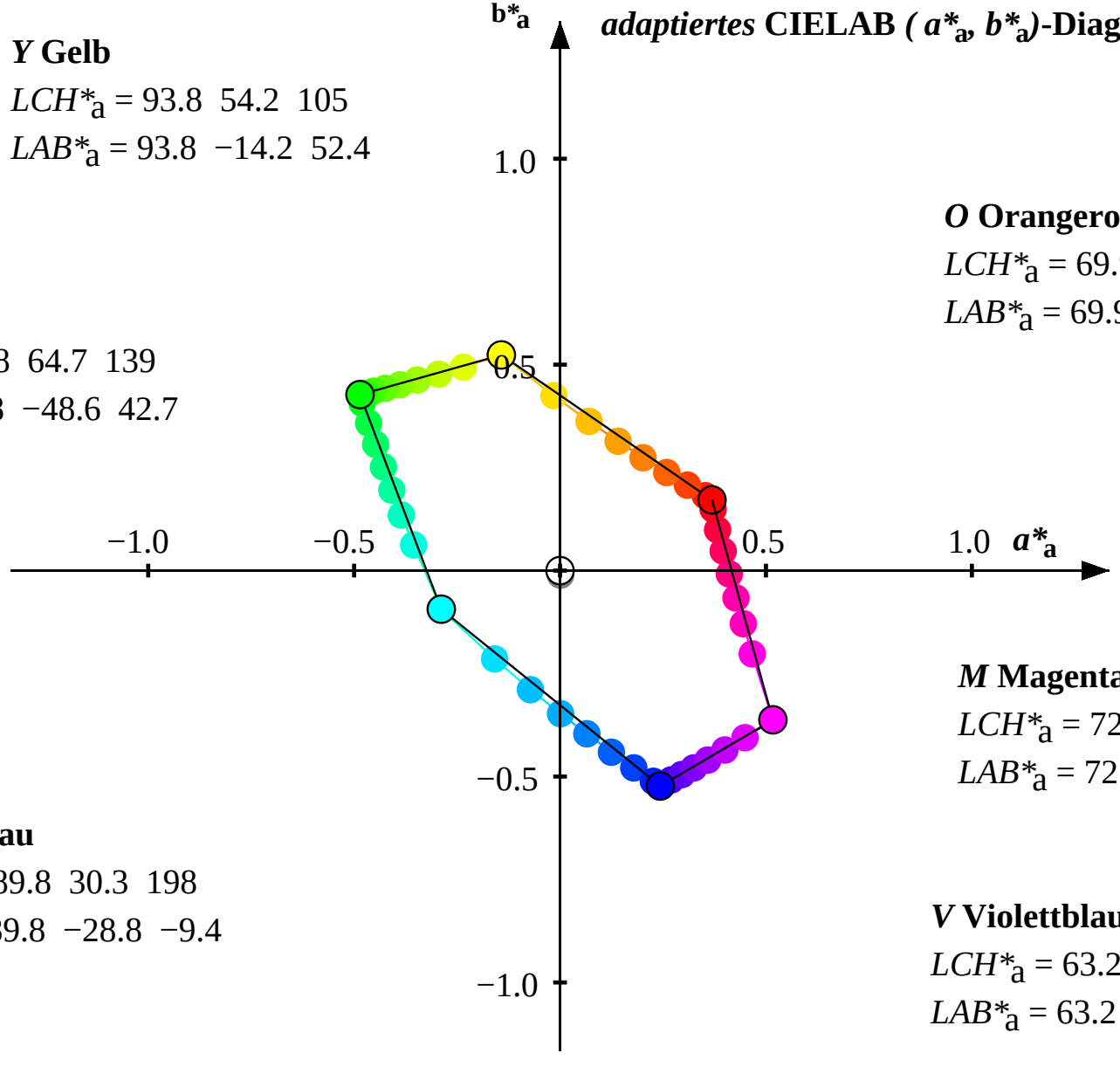
O Orangerot
*LCH**a = 69.9 40.7 25
*LAB**a = 69.9 36.9 17.2

L Laubgrün
*LCH**a = 87.8 64.7 139
*LAB**a = 87.8 −48.6 42.7

M Magentarot
*LCH**a = 72.7 63.1 325
*LAB**a = 72.7 51.7 −36.3

C Cyanblau
*LCH**a = 89.8 30.3 198
*LAB**a = 89.8 −28.8 −9.4

V Violettblau
*LCH**a = 63.2 57.7 295
*LAB**a = 63.2 24.3 −52.3



Farbmetrische "Norm-Daten": Fernseh-Lichtfarben-System TLS11 für Helligkeit *L**=11 von Schwarz für Lichtart D65

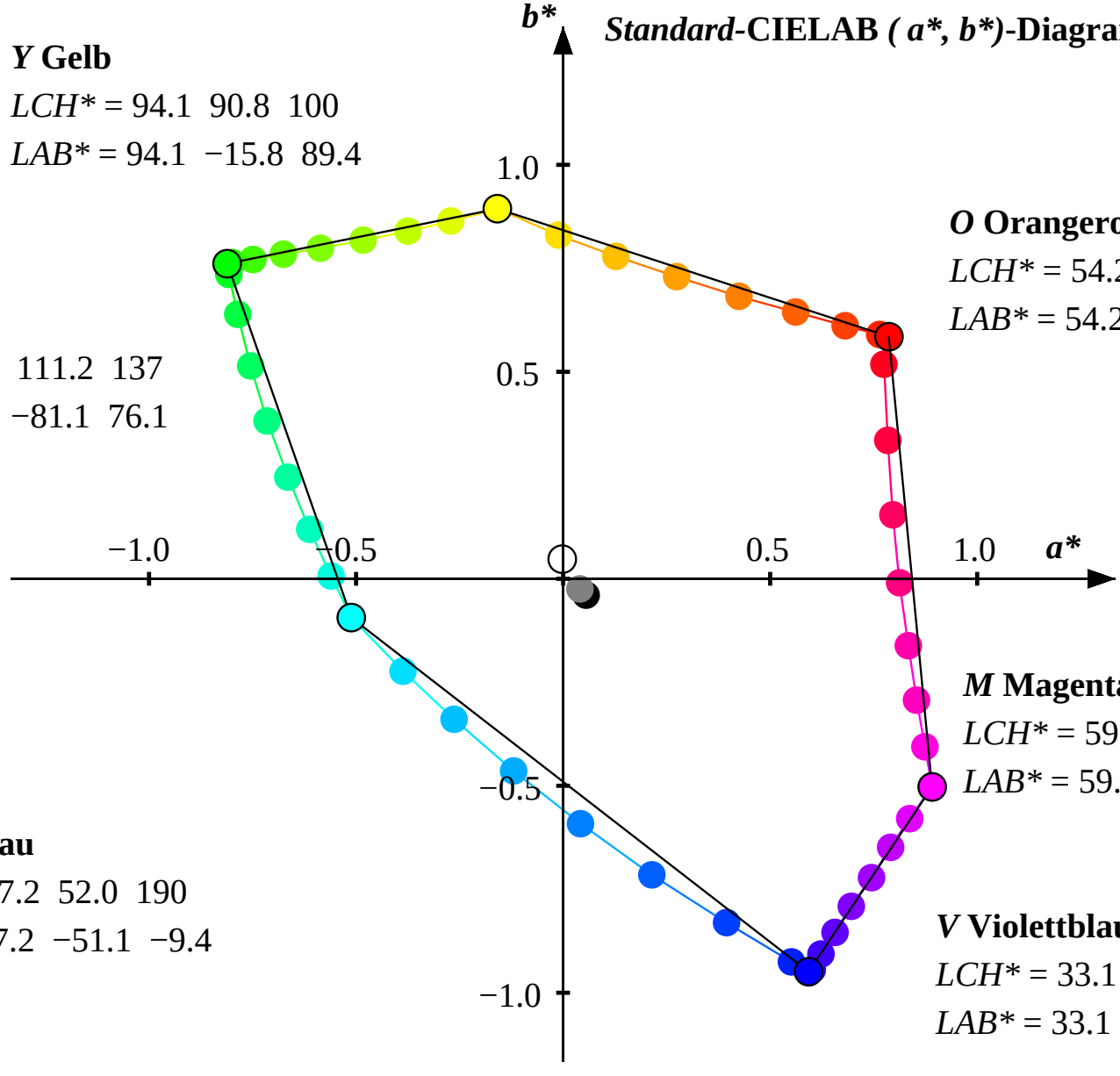
System TLS11
LCD-Monitor

	Farbe	*r=olv*₁*	*g=olv*₂*	*b=olv*₃*	*L*=LAB*₁*	*a*=LAB*₂*	*b*=LAB*₃*	*C*ab=LAB*r*	h_{ab}	*X=XYZ₁*	*Y=XYZ₂*	*Z=XYZ₃*	*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	80.31	58	49.48	37.27	5.91	0.534	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	79.85	99.06	128	43.6	70.14	12.75	0.3447	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	l00c	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	l13c	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	l25c	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	l38c	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	l50c	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	l63c	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	l75c	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	l88c	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	c00v	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	c13v	0.0	0.875	1.0	78.68	−38.63	−22.32	44.62	213	38.35	54.38	86.97	0.2134	0.3026	0.6138
26	c25v	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	c38v	0.0	0.675	1.0	63.12	−11.97	−46.39	47.92	254	27.09	31.73	83.16	0.1908	0.2235	0.3582
28	c50v	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	c63v	0.0	0.375	1.0	47.37	21.46	−71.55	74.71	284	19.44	16.3	80.45	0.1673	0.1403	0.184
30	c75v	0.0	0.25	1.0	40.2	39.44	−83.05	91.95	294	16.99	11.37	79.32	0.1578	0.1056	0.1284
31	c88v	0.0	0.125	1.0	34.57	55.15	−92.53	107.73	299	15.49	8.29	79.02	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	301	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	74.48	−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	0.2609
45	m63o	1.0	0.0	0.375	54.35	79.62	15.44	81.1	11	42.67	22.31	16.14	0.526	0.275	0.2518
46	m75o	1.0	0.0	0.25	53.75	78.41	33.44	85.24	24	41.41	21.74	8.91	0.5747	0.3017	0.2454
47	m88o	1.0	0.0	0.125	53.35	77.5	51.81	93.22	34	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	n00w	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	−2.42	4.73	297	22.73	22.99	26.55	0.3145	0.3181	0.2595
54	n63w	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	n75w	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	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

Farbmetrische "Norm-Daten": Fernseh-Lichtfarben-System TLS11 für Helligkeit *L=11 von Schwarz für Lichtart D65**

System TLS11
LCD-Monitor

***Standard*-CIELAB *(a*, b*)*-Diagramm**



***Y* Gelb**
*LCH** = 94.1 90.8 100
*LAB** = 94.1 −15.8 89.4

***O* Orangerot**
*LCH** = 54.2 98.0 37
*LAB** = 54.2 78.6 58.5

***L* Laubgrün**
*LCH** = 84.2 111.2 137
*LAB** = 84.2 −81.1 76.1

***M* Magentarot**
*LCH** = 59.6 102.3 331
*LAB** = 59.6 89.1 −50.3

***C* Cyanblau**
*LCH** = 87.2 52.0 190
*LAB** = 87.2 −51.1 −9.4

***V* Violettblau**
*LCH** = 33.1 111.9 302
*LAB** = 33.1 59.3 −94.9

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS11a für Helligkeit *L**=11 von Schwarz für Lichtart D65

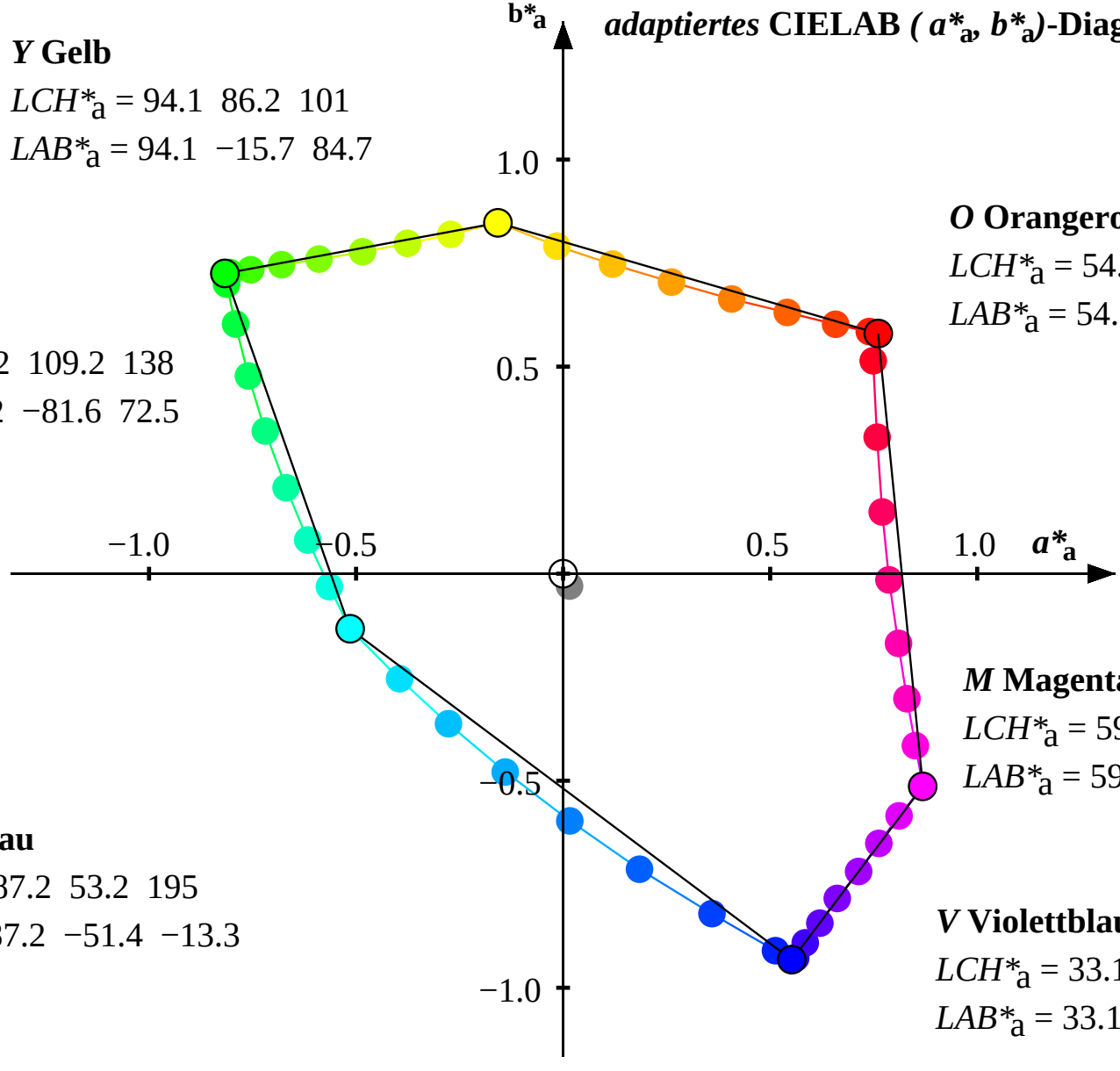
System TLS11a
LCD-Monitor

Farbe	*r=olv*1*	*g=olv*2*	*b=olv*3*	$L^*_a=LAB^*_{1a}$	$a^*_a=LAB^*_{2a}$	$b^*_a=LAB^*_{3a}$	$C^*_{ab,a}=LAB^*_{ra}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	Y_a/88.59
00 o00y	1.0	0.0	0.0	54.21	76.07	58.0	95.66	37	41.29	22.17	3.41	0.6174	0.3315	0.2503
01 o13y	1.0	0.125	0.0	54.91	73.93	58.43	94.23	38	41.58	22.84	3.54	0.6118	0.3361	0.2579
02 o25y	1.0	0.25	0.0	57.87	65.78	60.22	89.18	42	43.12	25.83	4.12	0.5901	0.3535	0.2916
03 o38y	1.0	0.375	0.0	62.22	54.13	63.09	83.13	49	45.55	30.66	5.03	0.5607	0.3774	0.3461
04 o50y	1.0	0.5	0.0	67.48	40.75	66.3	77.82	58	48.87	37.27	6.37	0.5283	0.4029	0.4207
05 o63y	1.0	0.625	0.0	73.63	26.18	70.43	75.13	70	53.36	46.12	8.1	0.496	0.4287	0.5206
06 o75y	1.0	0.75	0.0	80.08	11.91	74.7	75.64	81	58.8	56.82	10.24	0.4672	0.4515	0.6414
07 o88y	1.0	0.875	0.0	86.52	−1.44	79.12	79.13	91	64.97	69.03	12.67	0.4429	0.4707	0.7793
08 y00l	1.0	1.0	0.0	94.11	−15.7	84.73	86.17	101	73.49	85.54	15.81	0.4203	0.4892	0.9655
09 y13l	0.875	1.0	0.0	92.0	−27.11	81.96	86.33	108	64.06	80.71	15.42	0.3999	0.5038	0.911
10 y25l	0.75	1.0	0.0	90.22	−37.62	79.72	88.15	115	56.42	76.78	15.06	0.3806	0.5179	0.8667
11 y38l	0.625	1.0	0.0	88.56	−48.49	77.69	91.59	122	49.46	73.23	14.69	0.36	0.5331	0.8266
12 y50l	0.5	1.0	0.0	87.07	−58.96	75.93	96.14	128	43.48	70.14	14.35	0.3398	0.5481	0.7917
13 y63l	0.375	1.0	0.0	85.89	−67.96	74.63	100.94	132	38.89	67.76	14.04	0.3222	0.5615	0.7649
14 y75l	0.25	1.0	0.0	84.97	−75.44	73.43	105.28	136	35.4	65.95	13.88	0.3072	0.5723	0.7444
15 y88l	0.125	1.0	0.0	84.37	−80.42	72.71	108.42	138	33.21	64.77	13.75	0.2973	0.5797	0.7312
16 l00c	0.0	1.0	0.0	84.21	−81.64	72.51	109.2	138	32.68	64.47	13.72	0.2948	0.5815	0.7278
17 l13c	0.0	1.0	0.125	84.25	−81.25	69.95	107.21	139	32.83	64.54	14.83	0.2926	0.5752	0.7285
18 l25c	0.0	1.0	0.25	84.35	−79.15	60.31	99.51	143	33.55	64.74	19.49	0.2849	0.5497	0.7308
19 l38c	0.0	1.0	0.375	84.61	−76.0	47.79	89.79	148	34.78	65.24	27.01	0.2738	0.5136	0.7365
20 l50c	0.0	1.0	0.5	84.97	−71.95	34.43	79.78	154	36.44	65.95	37.07	0.2613	0.4729	0.7444
21 l63c	0.0	1.0	0.625	85.43	−66.89	20.8	70.06	163	38.61	66.85	49.78	0.2487	0.4306	0.7546
22 l75c	0.0	1.0	0.75	85.97	−61.66	8.09	62.2	173	41.02	67.93	64.21	0.2369	0.3923	0.7668
23 l88c	0.0	1.0	0.875	86.54	−56.43	−3.15	56.52	183	43.57	69.07	79.31	0.227	0.3598	0.7796
24 c00v	0.0	1.0	1.0	87.18	−51.44	−13.34	53.15	195	46.25	70.38	95.2	0.2184	0.3322	0.7944
25 c13v	0.0	0.875	1.0	78.68	−39.54	−25.37	46.99	213	38.06	54.38	91.34	0.2071	0.2959	0.6138
26 c25v	0.0	0.75	1.0	71.08	−27.73	−36.23	45.64	233	31.93	42.3	88.11	0.1967	0.2606	0.4775
27 c38v	0.0	0.675	1.0	63.12	−13.94	−47.83	49.84	254	26.61	31.73	85.14	0.1854	0.2212	0.3582
28 c50v	0.0	0.5	1.0	54.95	1.67	−59.7	59.74	272	22.1	22.88	82.09	0.1739	0.18	0.2582
29 c63v	0.0	0.375	1.0	47.37	18.43	−71.36	73.71	284	18.85	16.3	80.21	0.1634	0.1413	0.184
30 c75v	0.0	0.25	1.0	40.2	35.92	−82.13	89.65	294	16.36	11.37	78.1	0.1546	0.1074	0.1284
31 c88v	0.0	0.125	1.0	34.57	51.25	−91.02	104.47	299	14.84	8.29	77.05	0.1481	0.0827	0.0935
32 v00m	0.0	0.0	1.0	33.09	55.26	−93.24	108.4	301	14.45	7.58	76.63	0.1465	0.0768	0.0856
33 v13m	0.125	0.0	1.0	33.6	56.21	−92.78	108.49	301	14.96	7.82	77.15	0.1497	0.0782	0.0882
34 v25m	0.25	0.0	1.0	35.64	58.43	−89.19	106.63	303	16.87	8.82	77.06	0.1642	0.0859	0.0996
35 v38m	0.375	0.0	1.0	38.78	62.05	−84.34	104.72	306	20.16	10.53	77.8	0.1858	0.0971	0.1189
36 v50m	0.5	0.0	1.0	42.38	66.17	−78.44	102.63	310	24.4	12.75	78.19	0.2116	0.1105	0.1439
37 v63m	0.625	0.0	1.0	46.58	71.39	−71.92	101.35	315	30.18	15.7	79.14	0.2414	0.1256	0.1772
38 v75m	0.75	0.0	1.0	50.83	76.25	−65.07	100.25	320	36.76	19.12	79.78	0.271	0.1409	0.2158
39 v88m	0.875	0.0	1.0	54.98	81.14	−58.49	100.03	324	44.1	22.91	80.55	0.2989	0.1553	0.2586
40 m00o	1.0	0.0	1.0	59.56	86.88	−51.35	100.93	329	53.4	27.64	81.56	0.3284	0.17	0.312
41 m13o	1.0	0.0	0.875	58.35	85.1	−41.52	94.69	334	50.73	26.33	66.53	0.3533	0.1834	0.2972
42 m25o	1.0	0.0	0.75	57.23	83.02	−30.18	88.34	340	48.17	25.16	52.11	0.384	0.2006	0.284
43 m38o	1.0	0.0	0.675	56.14	80.94	−16.86	82.68	348	45.76	24.05	38.35	0.423	0.2224	0.2715
44 m50o	1.0	0.0	0.5	55.19	78.72	−1.52	78.73	359	43.58	23.11	26.11	0.4696	0.249	0.2609
45 m63o	1.0	0.0	0.375	54.35	77.06	14.91	78.48	11	41.82	22.31	16.39	0.5194	0.2771	0.2518
46 m75o	1.0	0.0	0.25	53.75	75.81	32.96	82.67	24	40.56	21.74	9.05	0.5685	0.3047	0.2454
47 m88o	1.0	0.0	0.125	53.35	74.87	51.38	90.8	34	39.71	21.37	4.32	0.6072	0.3268	0.2412
48 o00y	1.0	0.0	0.0	54.21	76.07	58.0	95.66	37	41.29	22.17	3.41	0.6174	0.3315	0.2503
49 n00w	0.0	0.0	0.0	10.76	0.0	0.0	0.01	0	1.17	1.23	1.34	0.3127	0.329	0.0139
50 n13w	0.125	0.125	0.125	16.56	−0.23	0.05	0.25	169	2.09	2.21	2.4	0.3119	0.3299	0.025
51 n25w	0.25	0.25	0.25	30.75	0.0	−0.86	0.87	269	6.22	6.54	7.36	0.3091	0.3252	0.0739
52 n38w	0.375	0.375	0.375	43.53	0.82	−2.07	2.24	292	12.97	13.52	15.63	0.308	0.3209	0.1526
53 n50w	0.5	0.5	0.5	55.06	1.55	−3.03	3.42	297	22.18	22.99	26.95	0.3076	0.3188	0.2595
54 n63w	0.625	0.625	0.625	66.15	1.93	−3.55	4.05	298	34.32	35.52	41.67	0.3077	0.3186	0.401
55 n75w	0.75	0.75	0.75	76.28	2.17	−3.58	4.19	301	48.64	50.35	58.62	0.3086	0.3195	0.5683
56 n88w	0.875	0.875	0.875	85.51	1.65	−2.93	3.37	299	64.42	67.02	76.71	0.3095	0.322	0.7565
57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS11a für Helligkeit *L=11 von Schwarz für Lichtart D65**

System TLS11a
LCD-Monitor

adaptiertes CIELAB (a^*_a, b^*_a)-Diagramm



***Y* Gelb**
*LCH**a = 94.1 86.2 101
*LAB**a = 94.1 −15.7 84.7

***O* Orangerot**
*LCH**a = 54.2 95.7 37
*LAB**a = 54.2 76.1 58.0

***L* Laubgrün**
*LCH**a = 84.2 109.2 138
*LAB**a = 84.2 −81.6 72.5

***M* Magentarot**
*LCH**a = 59.6 100.9 329
*LAB**a = 59.6 86.9 −51.4

***C* Cyanblau**
*LCH**a = 87.2 53.2 195
*LAB**a = 87.2 −51.4 −13.3

***V* Violettblau**
*LCH**a = 33.1 108.4 301
*LAB**a = 33.1 55.3 −93.3

Farbmetrische "Adaptierte Daten (a0)": Fernseh-Lichtfarben-System TLS00a0 für Helligkeit *L**=00 von Schwarz für Lichtart D65

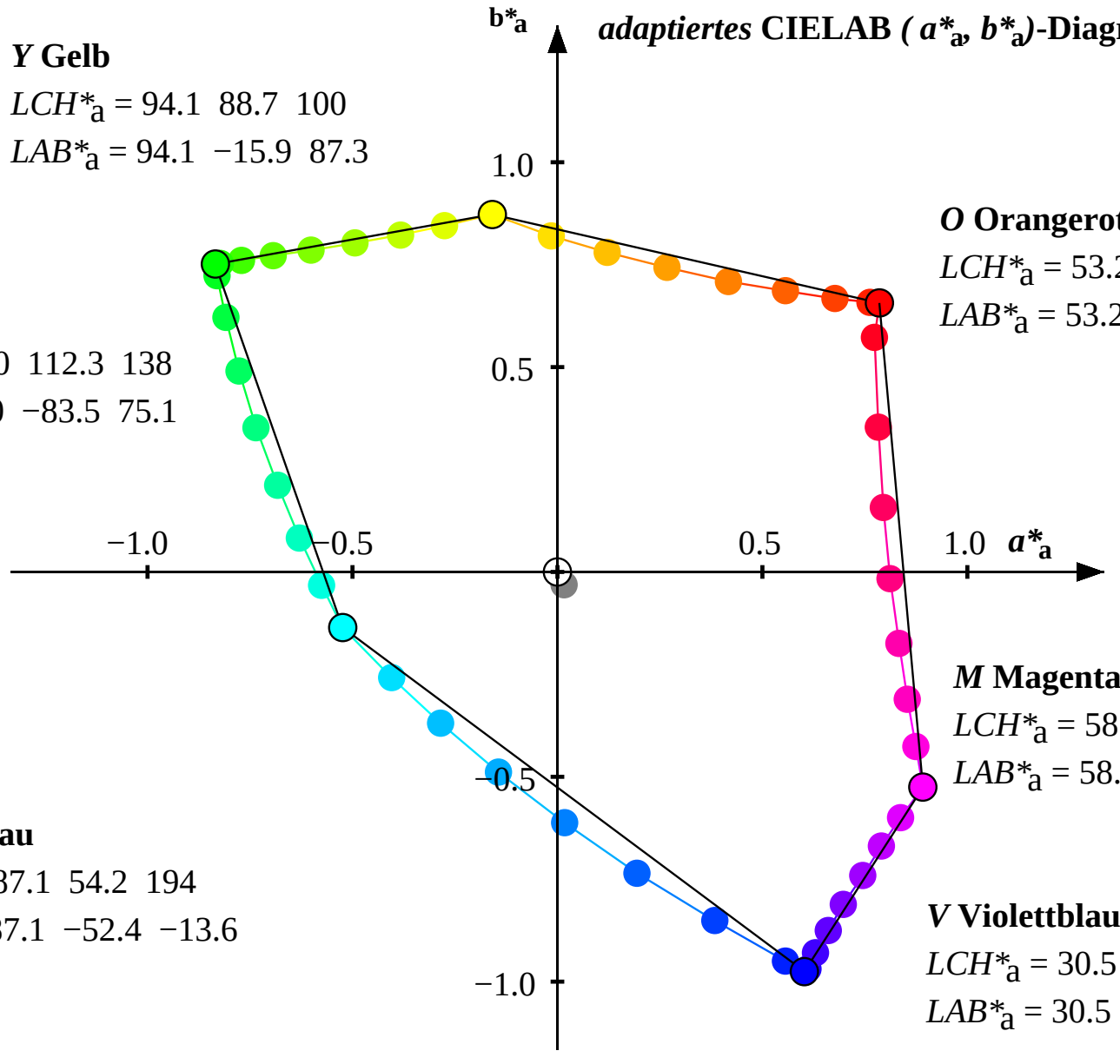
System TLS00a0
LCD-Monitor

	Farbe	*r=olv*1*	*g=olv*2*	*b=olv*3*	$L^*_a=LAB^*_{1a}$	$a^*_a=LAB^*_{2a}$	$b^*_a=LAB^*_{3a}$	$C^*_{ab,a}=LAB^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	Y_a/88.59
00	o00y	1.0	0.0	0.0	53.21	78.53	65.65	102.36	40	40.69	21.24	2.1	0.6355	0.3317	0.2484
01	o13y	1.0	0.125	0.0	53.94	76.28	65.83	100.76	41	40.98	21.92	2.23	0.6292	0.3365	0.2564
02	o25y	1.0	0.25	0.0	57.02	67.72	66.71	95.06	45	42.54	24.95	2.82	0.605	0.3548	0.2918
03	o38y	1.0	0.375	0.0	61.52	55.58	68.6	88.29	51	45.0	29.85	3.75	0.5726	0.3797	0.3491
04	o50y	1.0	0.5	0.0	66.94	41.72	70.89	82.26	60	48.37	36.55	5.1	0.5373	0.406	0.4275
05	o63y	1.0	0.625	0.0	73.24	26.73	74.3	78.96	70	52.93	45.53	6.85	0.5026	0.4323	0.5325
06	o75y	1.0	0.75	0.0	79.83	12.13	78.0	78.94	81	58.44	56.38	9.03	0.4719	0.4552	0.6594
07	o88y	1.0	0.875	0.0	86.38	−1.46	82.01	82.02	91	64.7	68.76	11.49	0.4463	0.4744	0.8042
08	y00l	1.0	1.0	0.0	94.1	−15.93	87.27	88.72	100	73.34	85.49	14.68	0.4227	0.4927	1.0
09	y13l	0.875	1.0	0.0	91.95	−27.55	84.51	88.89	108	63.78	80.6	14.28	0.402	0.508	0.9427
10	y25l	0.75	1.0	0.0	90.14	−38.26	82.28	90.74	115	56.03	76.62	13.91	0.3823	0.5228	0.8962
11	y38l	0.625	1.0	0.0	88.45	−49.38	80.26	94.24	122	48.97	73.01	13.54	0.3613	0.5388	0.854
12	y50l	0.5	1.0	0.0	86.94	−60.11	78.52	98.89	127	42.91	69.88	13.19	0.3406	0.5547	0.8174
13	y63l	0.375	1.0	0.0	85.74	−69.36	77.23	103.81	132	38.25	67.47	12.88	0.3225	0.5689	0.7891
14	y75l	0.25	1.0	0.0	84.81	−77.08	76.04	108.28	135	34.72	65.63	12.72	0.3071	0.5804	0.7676
15	y88l	0.125	1.0	0.0	84.19	−82.22	75.33	111.52	138	32.5	64.44	12.58	0.2967	0.5884	0.7537
16	l00c	0.0	1.0	0.0	84.03	−83.48	75.12	112.31	138	31.96	64.13	12.56	0.2941	0.5903	0.7501
17	l13c	0.0	1.0	0.125	84.07	−83.08	72.37	110.19	139	32.11	64.2	13.68	0.2919	0.5837	0.7509
18	l25c	0.0	1.0	0.25	84.18	−80.91	62.13	102.03	142	32.84	64.4	18.41	0.284	0.5569	0.7533
19	l38c	0.0	1.0	0.375	84.44	−77.67	49.03	91.86	148	34.09	64.92	26.04	0.2726	0.5192	0.7593
20	l50c	0.0	1.0	0.5	84.81	−73.5	35.21	81.5	154	35.77	65.63	36.23	0.2599	0.4768	0.7676
21	l63c	0.0	1.0	0.625	85.28	−68.28	21.21	71.51	163	37.96	66.55	49.13	0.2471	0.4331	0.7784
22	l75c	0.0	1.0	0.75	85.82	−62.91	8.24	63.45	173	40.41	67.64	63.75	0.2352	0.3937	0.7911
23	l88c	0.0	1.0	0.875	86.4	−57.53	−3.2	57.63	183	43.0	68.79	79.07	0.2253	0.3604	0.8046
24	c00v	0.0	1.0	1.0	87.06	−52.42	−13.54	54.15	194	45.72	70.12	95.18	0.2167	0.3323	0.8202
25	c13v	0.0	0.875	1.0	78.4	−40.44	−25.8	47.98	213	37.41	53.89	91.26	0.2049	0.2952	0.6304
26	c25v	0.0	0.75	1.0	70.63	−28.48	−36.92	46.64	232	31.2	41.65	87.99	0.194	0.2589	0.4871
27	c38v	0.0	0.675	1.0	62.45	−14.4	−48.87	50.97	254	25.8	30.93	84.99	0.182	0.2183	0.3618
28	c50v	0.0	0.5	1.0	53.98	1.74	−61.22	61.26	272	21.23	21.95	81.89	0.1697	0.1755	0.2568
29	c63v	0.0	0.375	1.0	46.02	19.41	−73.51	76.04	285	17.93	15.29	79.98	0.1584	0.135	0.1788
30	c75v	0.0	0.25	1.0	38.35	38.38	−85.12	93.38	294	15.41	10.29	77.84	0.1488	0.0993	0.1203
31	c88v	0.0	0.125	1.0	32.16	55.61	−94.97	110.06	300	13.86	7.16	76.77	0.1418	0.0732	0.0837
32	v00m	0.0	0.0	1.0	30.5	60.26	−97.5	114.62	302	13.47	6.44	76.35	0.14	0.0669	0.0754
33	v13m	0.125	0.0	1.0	31.07	61.12	−96.93	114.6	302	13.99	6.68	76.88	0.1434	0.0685	0.0781
34	v25m	0.25	0.0	1.0	33.35	62.93	−92.92	112.23	304	15.93	7.7	76.78	0.1586	0.0767	0.0901
35	v38m	0.375	0.0	1.0	36.81	66.05	−87.54	109.67	307	19.26	9.44	77.54	0.1813	0.0888	0.1104
36	v50m	0.5	0.0	1.0	40.7	69.7	−81.13	106.97	311	23.56	11.68	77.94	0.2082	0.1032	0.1366
37	v63m	0.625	0.0	1.0	45.18	74.51	−74.14	105.11	315	29.42	14.67	78.89	0.2392	0.1193	0.1716
38	v75m	0.75	0.0	1.0	49.67	79.02	−66.89	103.54	320	36.09	18.14	79.54	0.2698	0.1356	0.2122
39	v88m	0.875	0.0	1.0	54.01	83.65	−59.99	102.94	324	43.54	21.99	80.32	0.2985	0.1508	0.2572
40	m00o	1.0	0.0	1.0	58.77	89.16	−52.55	103.5	329	52.97	26.78	81.35	0.3288	0.1663	0.3133
41	m13o	1.0	0.0	0.875	57.52	87.43	−42.59	97.26	334	50.26	25.46	66.11	0.3543	0.1795	0.2978
42	m25o	1.0	0.0	0.75	56.35	85.39	−31.06	90.87	340	47.67	24.27	51.49	0.3862	0.1966	0.2838
43	m38o	1.0	0.0	0.675	55.22	83.35	−17.43	85.15	348	45.22	23.14	37.54	0.427	0.2186	0.2707
44	m50o	1.0	0.0	0.5	54.23	81.16	−1.58	81.17	359	43.01	22.19	25.13	0.4761	0.2457	0.2596
45	m63o	1.0	0.0	0.375	53.36	79.52	15.69	81.06	11	41.22	21.38	15.26	0.5294	0.2745	0.25
46	m75o	1.0	0.0	0.25	52.73	78.3	35.35	85.91	24	39.95	20.8	7.82	0.5826	0.3033	0.2433
47	m88o	1.0	0.0	0.125	52.31	77.37	57.23	96.24	36	39.08	20.42	3.02	0.6251	0.3266	0.2389
48	o00y	1.0	0.0	0.0	53.21	78.53	65.65	102.36	40	40.69	21.24	2.1	0.6355	0.3317	0.2484
49	n00w	0.0	0.0	0.0	0.0	0.0	0.0	0.01	289	0.0	0.0	0.0	0.0	0.0	0.0
50	n13w	0.125	0.125	0.125	8.96	−0.41	0.08	0.43	169	0.94	1.0	1.08	0.3109	0.3309	0.0117
51	n25w	0.25	0.25	0.25	27.82	0.0	−0.99	1.0	269	5.12	5.39	6.11	0.3082	0.3244	0.0631
52	n38w	0.375	0.375	0.375	41.94	0.88	−2.21	2.39	292	11.97	12.46	14.5	0.3075	0.3201	0.1458
53	n50w	0.5	0.5	0.5	54.1	1.61	−3.16	3.56	297	21.31	22.07	25.97	0.3073	0.3182	0.2581
54	n63w	0.625	0.625	0.625	65.58	1.98	−3.65	4.16	298	33.61	34.78	40.9	0.3076	0.3182	0.4068
55	n75w	0.75	0.75	0.75	75.95	2.21	−3.65	4.28	301	48.14	49.81	58.08	0.3085	0.3192	0.5826
56	n88w	0.875	0.875	0.875	85.36	1.68	−2.98	3.43	299	64.14	66.72	76.43	0.3094	0.3219	0.7804
57	n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0362

n = 88.59 / (88.59 − 1.23) = 1.014

Farbmetrische "Adaptierte Daten (a0)": Fernseh-Lichtfarben-System TLS00a0 für Helligkeit *L=00 von Schwarz für Lichtart D65**

System TLS00a0
LCD-Monitor



***Y* Gelb**
*LCH**a = 94.1 88.7 100
*LAB**a = 94.1 −15.9 87.3

***O* Orangerot**
*LCH**a = 53.2 102.4 40
*LAB**a = 53.2 78.5 65.7

***L* Laubgrün**
*LCH**a = 84.0 112.3 138
*LAB**a = 84.0 −83.5 75.1

***M* Magentarot**
*LCH**a = 58.8 103.5 329
*LAB**a = 58.8 89.2 −52.6

***C* Cyanblau**
*LCH**a = 87.1 54.2 194
*LAB**a = 87.1 −52.4 −13.6

***V* Violettblau**
*LCH**a = 30.5 114.6 302
*LAB**a = 30.5 60.3 −97.5

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS00a für Helligkeit *L**=00 von Schwarz für Lichtart D65

System TLS00a
LCD-Monitor

D65-Reflexion:
$Y_N = 0.0$
$L^*_N = 0.0$

	Farbe	*r=olv*1*	*g=olv*2*	*b=olv*3*	$L^*_a=LAB^*_{1a}$	$a^*_a=LAB^*_{2a}$	$b^*_a=LAB^*_{3a}$	$C^*_{ab,a}=LAB^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	Y_a/88.59
00	o00y	1.0	0.0	0.0	53.21	78.53	65.65	102.36	40	40.69	21.24	2.1	0.6355	0.3317	0.2484
01	o13y	1.0	0.125	0.0	53.94	76.28	65.83	100.76	41	40.98	21.92	2.23	0.6292	0.3365	0.2564
02	o25y	1.0	0.25	0.0	57.02	67.72	66.71	95.06	45	42.54	24.95	2.82	0.605	0.3548	0.2918
03	o38y	1.0	0.375	0.0	61.52	55.58	68.6	88.29	51	45.0	29.85	3.75	0.5726	0.3797	0.3491
04	o50y	1.0	0.5	0.0	66.94	41.72	70.89	82.26	60	48.37	36.55	5.1	0.5373	0.406	0.4275
05	o63y	1.0	0.625	0.0	73.24	26.73	74.3	78.96	70	52.93	45.53	6.85	0.5026	0.4323	0.5325
06	o75y	1.0	0.75	0.0	79.83	12.13	78.0	78.94	81	58.44	56.38	9.03	0.4719	0.4552	0.6594
07	o88y	1.0	0.875	0.0	86.38	−1.46	82.01	82.02	91	64.7	68.76	11.49	0.4463	0.4744	0.8042
08	y00l	1.0	1.0	0.0	94.1	−15.93	87.27	88.72	100	73.34	85.49	14.68	0.4227	0.4927	1.0
09	y13l	0.875	1.0	0.0	91.95	−27.55	84.51	88.89	108	63.78	80.6	14.28	0.402	0.508	0.9427
10	y25l	0.75	1.0	0.0	90.14	−38.26	82.28	90.74	115	56.03	76.62	13.91	0.3823	0.5228	0.8962
11	y38l	0.625	1.0	0.0	88.45	−49.38	80.26	94.24	122	48.97	73.01	13.54	0.3613	0.5388	0.854
12	y50l	0.5	1.0	0.0	86.94	−60.11	78.52	98.89	127	42.91	69.88	13.19	0.3406	0.5547	0.8174
13	y63l	0.375	1.0	0.0	85.74	−69.36	77.23	103.81	132	38.25	67.47	12.88	0.3225	0.5689	0.7891
14	y75l	0.25	1.0	0.0	84.81	−77.08	76.04	108.28	135	34.72	65.63	12.72	0.3071	0.5804	0.7676
15	y88l	0.125	1.0	0.0	84.19	−82.22	75.33	111.52	138	32.5	64.44	12.58	0.2967	0.5884	0.7537
16	l00c	0.0	1.0	0.0	84.03	−83.48	75.12	112.31	138	31.96	64.13	12.56	0.2941	0.5903	0.7501
17	l13c	0.0	1.0	0.125	84.07	−83.08	72.37	110.19	139	32.11	64.2	13.68	0.2919	0.5837	0.7509
18	l25c	0.0	1.0	0.25	84.18	−80.91	62.13	102.03	142	32.84	64.4	18.41	0.284	0.5569	0.7533
19	l38c	0.0	1.0	0.375	84.44	−77.67	49.03	91.86	148	34.09	64.92	26.04	0.2726	0.5192	0.7593
20	l50c	0.0	1.0	0.5	84.81	−73.5	35.21	81.5	154	35.77	65.63	36.23	0.2599	0.4768	0.7676
21	l63c	0.0	1.0	0.625	85.28	−68.28	21.21	71.51	163	37.96	66.55	49.13	0.2471	0.4331	0.7784
22	l75c	0.0	1.0	0.75	85.82	−62.91	8.24	63.45	173	40.41	67.64	63.75	0.2352	0.3937	0.7911
23	l88c	0.0	1.0	0.875	86.4	−57.53	−3.2	57.63	183	43.0	68.79	79.07	0.2253	0.3604	0.8046
24	c00v	0.0	1.0	1.0	87.06	−52.42	−13.54	54.15	194	45.72	70.12	95.18	0.2167	0.3323	0.8202
25	c13v	0.0	0.875	1.0	78.4	−40.44	−25.8	47.98	213	37.41	53.89	91.26	0.2049	0.2952	0.6304
26	c25v	0.0	0.75	1.0	70.63	−28.48	−36.92	46.64	232	31.2	41.65	87.99	0.194	0.2589	0.4871
27	c38v	0.0	0.675	1.0	62.45	−14.4	−48.87	50.97	254	25.8	30.93	84.99	0.182	0.2183	0.3618
28	c50v	0.0	0.5	1.0	53.98	1.74	−61.22	61.26	272	21.23	21.95	81.89	0.1697	0.1755	0.2568
29	c63v	0.0	0.375	1.0	46.02	19.41	−73.51	76.04	285	17.93	15.29	79.98	0.1584	0.135	0.1788
30	c75v	0.0	0.25	1.0	38.35	38.38	−85.12	93.38	294	15.41	10.29	77.84	0.1488	0.0993	0.1203
31	c88v	0.0	0.125	1.0	32.16	55.61	−94.97	110.06	300	13.86	7.16	76.77	0.1418	0.0732	0.0837
32	v00m	0.0	0.0	1.0	30.5	60.26	−97.5	114.62	302	13.47	6.44	76.35	0.14	0.0669	0.0754
33	v13m	0.125	0.0	1.0	31.07	61.12	−96.93	114.6	302	13.99	6.68	76.88	0.1434	0.0685	0.0781
34	v25m	0.25	0.0	1.0	33.35	62.93	−92.92	112.23	304	15.93	7.7	76.78	0.1586	0.0767	0.0901
35	v38m	0.375	0.0	1.0	36.81	66.05	−87.54	109.67	307	19.26	9.44	77.54	0.1813	0.0888	0.1104
36	v50m	0.5	0.0	1.0	40.7	69.7	−81.13	106.97	311	23.56	11.68	77.94	0.2082	0.1032	0.1366
37	v63m	0.625	0.0	1.0	45.18	74.51	−74.14	105.11	315	29.42	14.67	78.89	0.2392	0.1193	0.1716
38	v75m	0.75	0.0	1.0	49.67	79.02	−66.89	103.54	320	36.09	18.14	79.54	0.2698	0.1356	0.2122
39	v88m	0.875	0.0	1.0	54.01	83.65	−59.99	102.94	324	43.54	21.99	80.32	0.2985	0.1508	0.2572
40	m00o	1.0	0.0	1.0	58.77	89.16	−52.55	103.5	329	52.97	26.78	81.35	0.3288	0.1663	0.3133
41	m13o	1.0	0.0	0.875	57.52	87.43	−42.59	97.26	334	50.26	25.46	66.11	0.3543	0.1795	0.2978
42	m25o	1.0	0.0	0.75	56.35	85.39	−31.06	90.87	340	47.67	24.27	51.49	0.3862	0.1966	0.2838
43	m38o	1.0	0.0	0.675	55.22	83.35	−17.43	85.15	348	45.22	23.14	37.54	0.427	0.2186	0.2707
44	m50o	1.0	0.0	0.5	54.23	81.16	−1.58	81.17	359	43.01	22.19	25.13	0.4761	0.2457	0.2596
45	m63o	1.0	0.0	0.375	53.36	79.52	15.69	81.06	11	41.22	21.38	15.26	0.5294	0.2745	0.25
46	m75o	1.0	0.0	0.25	52.73	78.3	35.35	85.91	24	39.95	20.8	7.82	0.5826	0.3033	0.2433
47	m88o	1.0	0.0	0.125	52.31	77.37	57.23	96.24	36	39.08	20.42	3.02	0.6251	0.3266	0.2389
48	o00y	1.0	0.0	0.0	53.21	78.53	65.65	102.36	40	40.69	21.24	2.1	0.6355	0.3317	0.2484
49	n00w	0.0	0.0	0.0	0.0	0.0	0.0	0.01	289	0.0	0.0	0.0	0.0	0.0	0.0
50	n13w	0.125	0.125	0.125	8.96	−0.41	0.08	0.43	169	0.94	1.0	1.08	0.3109	0.3309	0.0117
51	n25w	0.25	0.25	0.25	27.82	0.0	−0.99	1.0	269	5.12	5.39	6.11	0.3082	0.3244	0.0631
52	n38w	0.375	0.375	0.375	41.94	0.88	−2.21	2.39	292	11.97	12.46	14.5	0.3075	0.3201	0.1458
53	n50w	0.5	0.5	0.5	54.1	1.61	−3.16	3.56	297	21.31	22.07	25.97	0.3073	0.3182	0.2581
54	n63w	0.625	0.625	0.625	65.58	1.98	−3.65	4.16	298	33.61	34.78	40.9	0.3076	0.3182	0.4068
55	n75w	0.75	0.75	0.75	75.95	2.21	−3.65	4.28	301	48.14	49.81	58.08	0.3085	0.3192	0.5826
56	n88w	0.875	0.875	0.875	85.36	1.68	−2.98	3.43	299	64.14	66.72	76.43	0.3094	0.3219	0.7804
57	n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0362

n = 88.59 / (88.59 + 0.0) = 1.0

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS00a für Helligkeit *L=00 von Schwarz für Lichtart D65**

System TLS00a
LCD-Monitor

D65-Reflexion:
Y_N = 0.0
L^*_N = 0.0

Y Gelb
*LCH**a = 94.1 88.7 100
*LAB**a = 94.1 −15.9 87.3

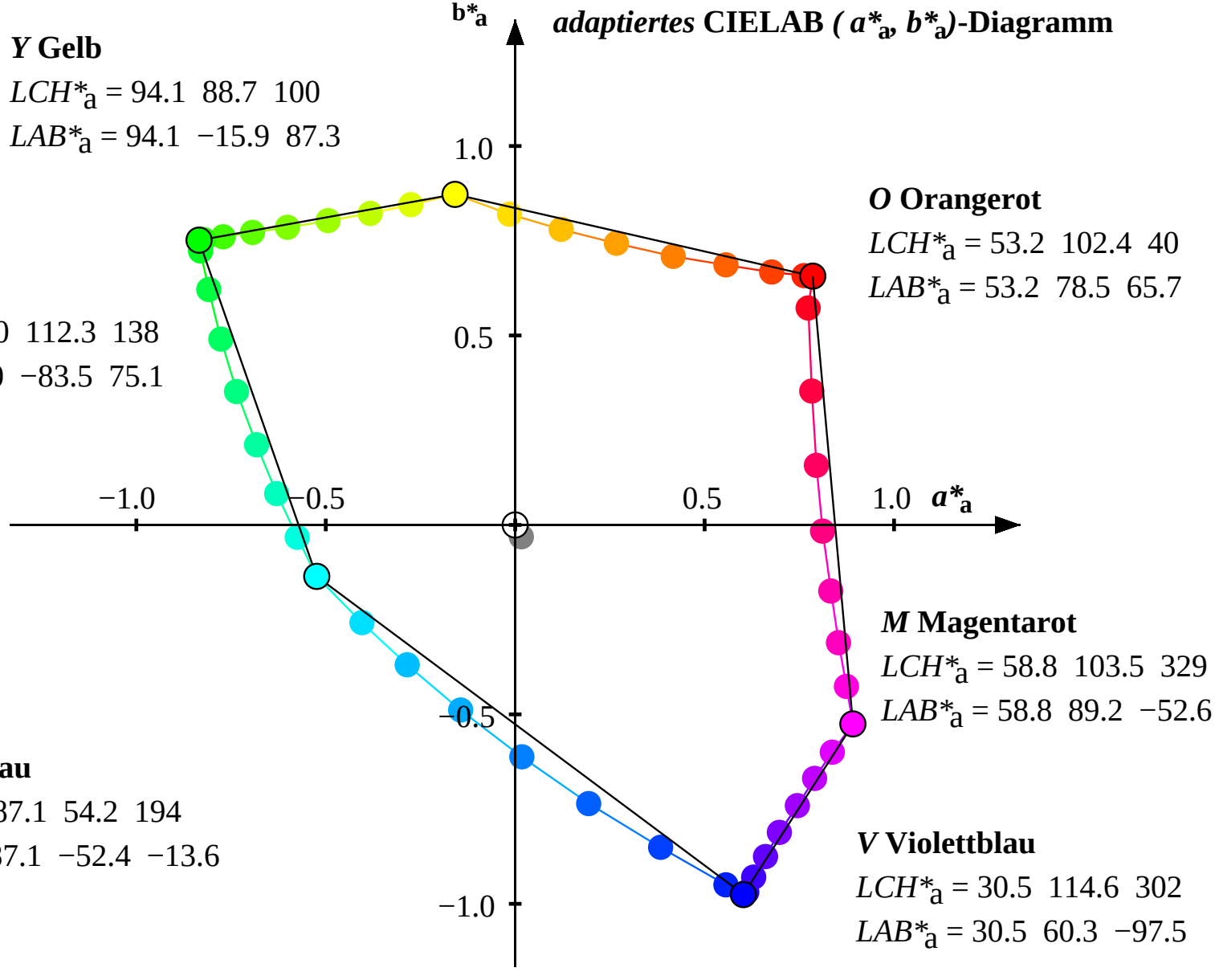
L Laubgrün
*LCH**a = 84.0 112.3 138
*LAB**a = 84.0 −83.5 75.1

C Cyanblau
*LCH**a = 87.1 54.2 194
*LAB**a = 87.1 −52.4 −13.6

O Orangerot
*LCH**a = 53.2 102.4 40
*LAB**a = 53.2 78.5 65.7

M Magentarot
*LCH**a = 58.8 103.5 329
*LAB**a = 58.8 89.2 −52.6

V Violettblau
*LCH**a = 30.5 114.6 302
*LAB**a = 30.5 60.3 −97.5



Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS06a für Helligkeit *L**=06 von Schwarz für Lichtart D65

System TLS06a
LCD-Monitor

D65-Reflexion:
Y_N = 0.63
L^*_N = 5.69

Farbe	*r=olv*1*	*g=olv*2*	*b=olv*3*	$L^*_a=LAB^*_{1a}$	$a^*_a=LAB^*_{2a}$	$b^*_a=LAB^*_{3a}$	$C^*_{ab,a}=LAB^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	Y_a/88.59
00 o00y	1.0	0.0	0.0	53.72	77.26	61.39	98.68	38	41.0	21.71	2.77	0.6261	0.3316	0.2539
01 o13y	1.0	0.125	0.0	54.44	75.07	61.72	97.19	39	41.29	22.39	2.9	0.6202	0.3363	0.2618
02 o25y	1.0	0.25	0.0	57.46	66.72	63.16	91.87	43	42.84	25.4	3.48	0.5973	0.3541	0.297
03 o38y	1.0	0.375	0.0	61.88	54.83	65.63	85.52	50	45.28	30.26	4.4	0.5664	0.3785	0.3539
04 o50y	1.0	0.5	0.0	67.21	41.22	68.45	79.91	59	48.62	36.91	5.75	0.5327	0.4044	0.4317
05 o63y	1.0	0.625	0.0	73.44	26.45	72.26	76.95	70	53.15	45.83	7.49	0.4992	0.4305	0.5359
06 o75y	1.0	0.75	0.0	79.96	12.02	76.28	77.22	81	58.62	56.6	9.65	0.4695	0.4533	0.6619
07 o88y	1.0	0.875	0.0	86.45	−1.45	80.51	80.52	91	64.83	68.9	12.09	0.4446	0.4725	0.8057
08 y00l	1.0	1.0	0.0	94.11	−15.81	85.96	87.4	100	73.41	85.52	15.25	0.4215	0.4909	1.0
09 y13l	0.875	1.0	0.0	91.98	−27.33	83.19	87.57	108	63.92	80.65	14.86	0.4009	0.5059	0.9431
10 y25l	0.75	1.0	0.0	90.18	−37.93	80.96	89.41	115	56.23	76.7	14.49	0.3814	0.5203	0.8969
11 y38l	0.625	1.0	0.0	88.51	−48.93	78.93	92.87	122	49.22	73.12	14.13	0.3607	0.5358	0.8551
12 y50l	0.5	1.0	0.0	87.0	−59.52	77.18	97.47	128	43.2	70.01	13.78	0.3402	0.5513	0.8187
13 y63l	0.375	1.0	0.0	85.81	−68.64	75.88	102.33	132	38.57	67.62	13.47	0.3224	0.5651	0.7907
14 y75l	0.25	1.0	0.0	84.89	−76.24	74.69	106.73	136	35.07	65.79	13.31	0.3071	0.5763	0.7693
15 y88l	0.125	1.0	0.0	84.28	−81.3	73.97	109.92	138	32.86	64.61	13.18	0.297	0.5839	0.7555
16 l00c	0.0	1.0	0.0	84.12	−82.54	73.77	110.71	138	32.33	64.31	13.15	0.2945	0.5858	0.752
17 l13c	0.0	1.0	0.125	84.16	−82.14	71.12	108.66	139	32.48	64.37	14.26	0.2923	0.5793	0.7528
18 l25c	0.0	1.0	0.25	84.26	−80.01	61.19	100.74	143	33.2	64.58	18.96	0.2844	0.5532	0.7551
19 l38c	0.0	1.0	0.375	84.53	−76.82	48.4	90.8	148	34.44	65.08	26.53	0.2732	0.5163	0.7611
20 l50c	0.0	1.0	0.5	84.89	−72.71	34.81	80.62	154	36.11	65.79	36.66	0.2606	0.4748	0.7693
21 l63c	0.0	1.0	0.625	85.35	−67.57	21.0	70.77	163	38.29	66.7	49.46	0.2479	0.4319	0.78
22 l75c	0.0	1.0	0.75	85.9	−62.27	8.17	62.81	173	40.72	67.78	63.98	0.2361	0.393	0.7926
23 l88c	0.0	1.0	0.875	86.47	−56.97	−3.18	57.07	183	43.29	68.93	79.19	0.2262	0.3601	0.8061
24 c00v	0.0	1.0	1.0	87.12	−51.92	−13.44	53.64	195	45.99	70.25	95.19	0.2175	0.3323	0.8215
25 c13v	0.0	0.875	1.0	78.54	−39.98	−25.58	47.48	213	37.74	54.14	91.3	0.206	0.2955	0.6331
26 c25v	0.0	0.75	1.0	70.86	−28.09	−36.57	46.13	232	31.57	41.98	88.05	0.1954	0.2598	0.4909
27 c38v	0.0	0.675	1.0	62.79	−14.17	−48.34	50.39	254	26.21	31.34	85.07	0.1838	0.2198	0.3665
28 c50v	0.0	0.5	1.0	54.47	1.71	−60.44	60.48	272	21.67	22.42	82.0	0.1719	0.1778	0.2622
29 c63v	0.0	0.375	1.0	46.72	18.9	−72.4	74.84	285	18.4	15.8	80.1	0.1609	0.1383	0.1848
30 c75v	0.0	0.25	1.0	39.31	37.09	−83.57	91.44	294	15.9	10.84	77.97	0.1518	0.1035	0.1268
31 c88v	0.0	0.125	1.0	33.42	53.3	−92.91	107.12	300	14.36	7.73	76.91	0.145	0.0781	0.0904
32 v00m	0.0	0.0	1.0	31.86	57.6	−95.27	111.34	301	13.97	7.02	76.49	0.1433	0.072	0.0821
33 v13m	0.125	0.0	1.0	32.39	58.51	−94.76	111.38	302	14.49	7.26	77.02	0.1467	0.0735	0.0849
34 v25m	0.25	0.0	1.0	34.54	60.55	−90.97	109.29	304	16.41	8.27	76.92	0.1615	0.0814	0.0967
35 v38m	0.375	0.0	1.0	37.83	63.95	−85.88	107.08	307	19.72	9.99	77.67	0.1836	0.0931	0.1169
36 v50m	0.5	0.0	1.0	41.57	67.86	−79.74	104.71	310	23.99	12.22	78.07	0.2099	0.107	0.1429
37 v63m	0.625	0.0	1.0	45.9	72.89	−72.99	103.16	315	29.81	15.2	79.02	0.2403	0.1225	0.1777
38 v75m	0.75	0.0	1.0	50.26	77.59	−65.96	101.84	320	36.43	18.64	79.66	0.2704	0.1384	0.218
39 v88m	0.875	0.0	1.0	54.51	82.36	−59.22	101.45	324	43.82	22.46	80.44	0.2987	0.1531	0.2626
40 m00o	1.0	0.0	1.0	59.18	87.99	−51.93	102.18	329	53.19	27.22	81.46	0.3286	0.1682	0.3183
41 m13o	1.0	0.0	0.875	57.94	86.24	−42.04	95.94	334	50.49	25.9	66.33	0.3538	0.1815	0.3029
42 m25o	1.0	0.0	0.75	56.8	84.17	−30.61	89.57	340	47.93	24.72	51.81	0.3851	0.1986	0.2891
43 m38o	1.0	0.0	0.675	55.69	82.11	−17.14	83.88	348	45.49	23.61	37.95	0.425	0.2205	0.276
44 m50o	1.0	0.0	0.5	54.72	79.9	−1.55	79.92	359	43.3	22.66	25.63	0.4728	0.2474	0.265
45 m63o	1.0	0.0	0.375	53.87	78.25	15.28	79.73	11	41.52	21.85	15.84	0.5242	0.2758	0.2555
46 m75o	1.0	0.0	0.25	53.25	77.02	34.09	84.22	24	40.26	21.28	8.45	0.5753	0.304	0.2488
47 m88o	1.0	0.0	0.125	52.84	76.08	54.03	93.32	35	39.4	20.9	3.68	0.6158	0.3267	0.2444
48 o00y	1.0	0.0	0.0	53.72	77.26	61.39	98.68	38	41.0	21.71	2.77	0.6261	0.3316	0.2539
49 n00w	0.0	0.0	0.0	5.65	0.0	0.0	0.01	289	0.59	0.63	0.68	0.3127	0.329	0.0073
50 n13w	0.125	0.125	0.125	13.32	−0.29	0.06	0.31	169	1.52	1.62	1.75	0.3116	0.3302	0.0189
51 n25w	0.25	0.25	0.25	29.36	0.0	−0.92	0.93	269	5.68	5.98	6.74	0.3087	0.3249	0.0699
52 n38w	0.375	0.375	0.375	42.76	0.85	−2.14	2.31	292	12.48	13.0	15.08	0.3077	0.3206	0.152
53 n50w	0.5	0.5	0.5	54.59	1.58	−3.09	3.48	297	21.76	22.54	26.47	0.3075	0.3185	0.2636
54 n63w	0.625	0.625	0.625	65.87	1.95	−3.6	4.11	298	33.97	35.16	41.29	0.3076	0.3184	0.4111
55 n75w	0.75	0.75	0.75	76.12	2.19	−3.62	4.24	301	48.39	50.09	58.36	0.3086	0.3194	0.5857
56 n88w	0.875	0.875	0.875	85.44	1.66	−2.95	3.4	299	64.28	66.87	76.57	0.3095	0.3219	0.782
57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0359

n = 88.59 / (88.59 + 0.63) = 0.993

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS06a für Helligkeit *L=06 von Schwarz für Lichtart D65**

System TLS06a
LCD-Monitor

D65-Reflexion:
Y_N = 0.63
L^*_N = 5.69

Y Gelb
*LCH**a = 94.1 87.4 100
*LAB**a = 94.1 −15.8 86.0

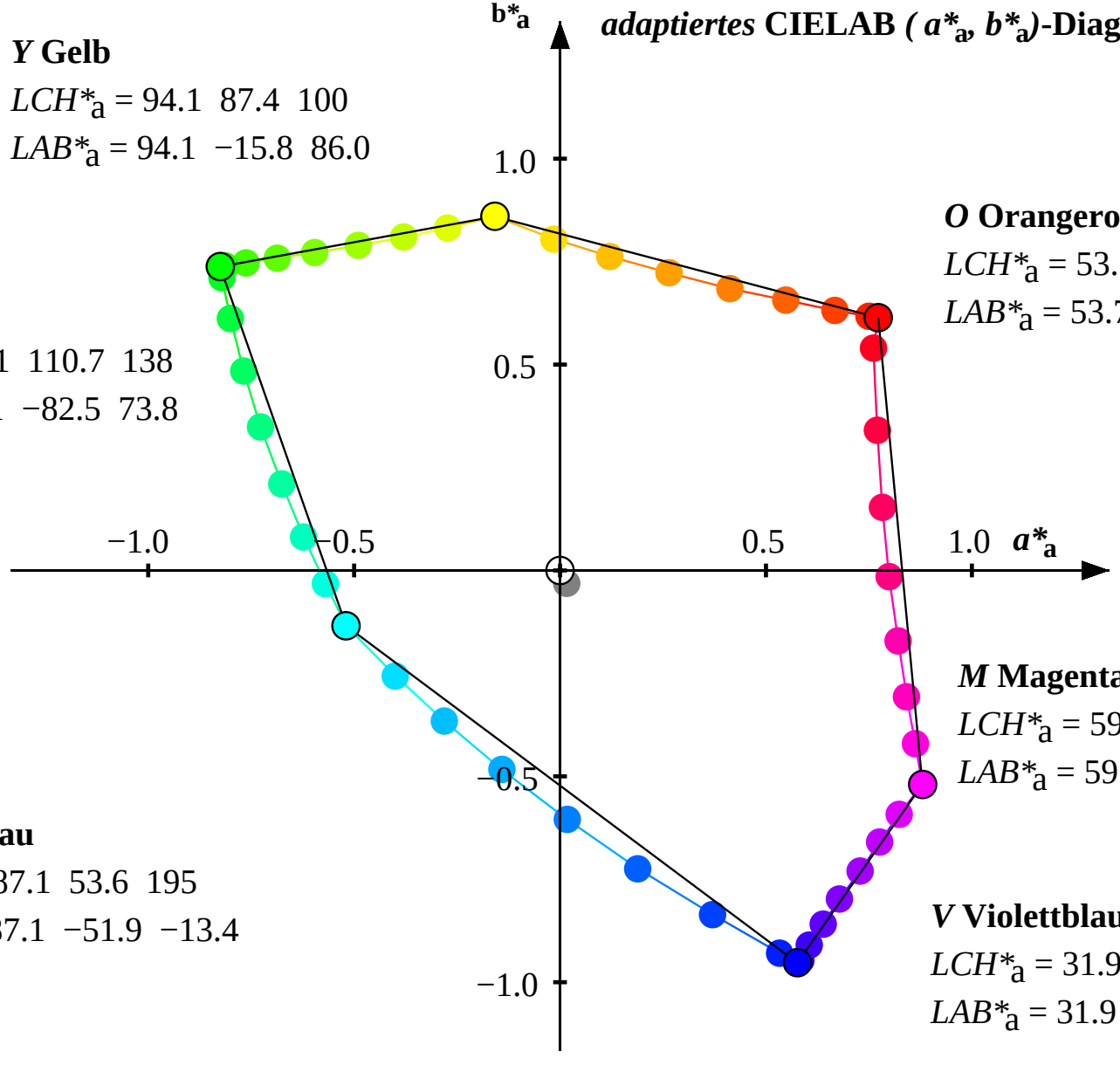
O Orangerot
*LCH**a = 53.7 98.7 38
*LAB**a = 53.7 77.3 61.4

L Laubgrün
*LCH**a = 84.1 110.7 138
*LAB**a = 84.1 −82.5 73.8

M Magentarot
*LCH**a = 59.2 102.2 329
*LAB**a = 59.2 88.0 −51.9

C Cyanblau
*LCH**a = 87.1 53.6 195
*LAB**a = 87.1 −51.9 −13.4

V Violettblau
*LCH**a = 31.9 111.3 301
*LAB**a = 31.9 57.6 −95.3



Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS11a für Helligkeit *L**=11 von Schwarz für Lichtart D65

System TLS11a
LCD-Monitor

D65-Reflexion:
Y_N = 1.26
L^*_N = 11.0

	Farbe	*r=olv*1*	*g=olv*2*	*b=olv*3*	$L^*_a=LAB^*_{1a}$	$a^*_a=LAB^*_{2a}$	$b^*_a=LAB^*_{3a}$	$C^*_{ab,a}=LAB^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	Y_a/88.59
00	o00y	1.0	0.0	0.0	54.22	76.05	57.92	95.59	37	41.3	22.18	3.43	0.6172	0.3315	0.2593
01	o13y	1.0	0.125	0.0	54.92	73.9	58.35	94.16	38	41.59	22.85	3.56	0.6116	0.3361	0.2672
02	o25y	1.0	0.25	0.0	57.88	65.75	60.15	89.12	42	43.13	25.84	4.14	0.5899	0.3535	0.3021
03	o38y	1.0	0.375	0.0	62.23	54.11	63.03	83.07	49	45.55	30.67	5.05	0.5605	0.3774	0.3585
04	o50y	1.0	0.5	0.0	67.48	40.73	66.25	77.77	58	48.87	37.28	6.38	0.5282	0.4029	0.4358
05	o63y	1.0	0.625	0.0	73.63	26.17	70.38	75.09	70	53.37	46.13	8.11	0.496	0.4287	0.5393
06	o75y	1.0	0.75	0.0	80.08	11.91	74.66	75.6	81	58.8	56.83	10.26	0.4671	0.4514	0.6644
07	o88y	1.0	0.875	0.0	86.52	−1.44	79.08	79.1	91	64.97	69.04	12.68	0.4429	0.4706	0.8071
08	y00l	1.0	1.0	0.0	94.11	−15.69	84.7	86.14	101	73.49	85.54	15.82	0.4203	0.4892	1.0
09	y13l	0.875	1.0	0.0	92.0	−27.11	81.93	86.3	108	64.07	80.71	15.43	0.3999	0.5038	0.9435
10	y25l	0.75	1.0	0.0	90.22	−37.61	79.69	88.12	115	56.42	76.78	15.07	0.3805	0.5178	0.8977
11	y38l	0.625	1.0	0.0	88.56	−48.48	77.66	91.56	122	49.46	73.23	14.7	0.36	0.533	0.8561
12	y50l	0.5	1.0	0.0	87.07	−58.94	75.9	96.11	128	43.49	70.14	14.36	0.3398	0.548	0.82
13	y63l	0.375	1.0	0.0	85.89	−67.94	74.6	100.91	132	38.89	67.76	14.05	0.3222	0.5614	0.7922
14	y75l	0.25	1.0	0.0	84.97	−75.42	73.4	105.25	136	35.41	65.95	13.89	0.3072	0.5722	0.771
15	y88l	0.125	1.0	0.0	84.37	−80.4	72.68	108.39	138	33.22	64.78	13.76	0.2973	0.5796	0.7573
16	l00c	0.0	1.0	0.0	84.21	−81.61	72.48	109.16	138	32.69	64.48	13.73	0.2948	0.5814	0.7538
17	l13c	0.0	1.0	0.125	84.25	−81.22	69.92	107.18	139	32.84	64.54	14.84	0.2926	0.5751	0.7546
18	l25c	0.0	1.0	0.25	84.35	−79.13	60.29	99.48	143	33.56	64.74	19.5	0.2849	0.5496	0.7569
19	l38c	0.0	1.0	0.375	84.61	−75.98	47.78	89.77	148	34.79	65.25	27.02	0.2738	0.5135	0.7628
20	l50c	0.0	1.0	0.5	84.97	−71.94	34.42	79.76	154	36.45	65.95	37.08	0.2613	0.4728	0.771
21	l63c	0.0	1.0	0.625	85.43	−66.87	20.8	70.04	163	38.61	66.86	49.79	0.2487	0.4306	0.7816
22	l75c	0.0	1.0	0.75	85.97	−61.65	8.09	62.18	173	41.02	67.93	64.21	0.2369	0.3923	0.7942
23	l88c	0.0	1.0	0.875	86.54	−56.41	−3.15	56.51	183	43.58	69.07	79.31	0.227	0.3598	0.8075
24	c00v	0.0	1.0	1.0	87.18	−51.43	−13.34	53.14	195	46.26	70.38	95.2	0.2184	0.3322	0.8228
25	c13v	0.0	0.875	1.0	78.68	−39.53	−25.37	46.98	213	38.07	54.38	91.34	0.2071	0.2959	0.6357
26	c25v	0.0	0.75	1.0	71.08	−27.72	−36.22	45.63	233	31.94	42.31	88.11	0.1967	0.2606	0.4946
27	c38v	0.0	0.675	1.0	63.13	−13.93	−47.82	49.82	254	26.62	31.74	85.15	0.1855	0.2212	0.3711
28	c50v	0.0	0.5	1.0	54.96	1.67	−59.69	59.72	272	22.11	22.89	82.1	0.174	0.1801	0.2676
29	c63v	0.0	0.375	1.0	47.38	18.42	−71.34	73.69	284	18.86	16.31	80.21	0.1634	0.1414	0.1907
30	c75v	0.0	0.25	1.0	40.22	35.9	−82.09	89.61	294	16.38	11.38	78.1	0.1547	0.1075	0.1331
31	c88v	0.0	0.125	1.0	34.6	51.21	−90.98	104.41	299	14.85	8.3	77.05	0.1482	0.0828	0.097
32	v00m	0.0	0.0	1.0	33.12	55.21	−93.2	108.33	301	14.46	7.59	76.63	0.1466	0.077	0.0888
33	v13m	0.125	0.0	1.0	33.62	56.16	−92.73	108.42	301	14.97	7.83	77.15	0.1498	0.0783	0.0915
34	v25m	0.25	0.0	1.0	35.67	58.38	−89.14	106.57	303	16.88	8.84	77.06	0.1643	0.086	0.1033
35	v38m	0.375	0.0	1.0	38.8	62.01	−84.3	104.66	306	20.17	10.55	77.8	0.1859	0.0972	0.1233
36	v50m	0.5	0.0	1.0	42.4	66.13	−78.41	102.58	310	24.41	12.76	78.2	0.2116	0.1106	0.1492
37	v63m	0.625	0.0	1.0	46.59	71.36	−71.89	101.3	315	30.19	15.71	79.14	0.2414	0.1256	0.1837
38	v75m	0.75	0.0	1.0	50.84	76.22	−65.05	100.21	320	36.77	19.13	79.78	0.271	0.141	0.2237
39	v88m	0.875	0.0	1.0	54.99	81.11	−58.47	100.0	324	44.11	22.92	80.55	0.2989	0.1553	0.268
40	m00o	1.0	0.0	1.0	59.57	86.86	−51.33	100.9	329	53.4	27.65	81.56	0.3284	0.17	0.3233
41	m13o	1.0	0.0	0.875	58.36	85.07	−41.5	94.66	334	50.73	26.34	66.54	0.3533	0.1834	0.308
42	m25o	1.0	0.0	0.75	57.24	82.99	−30.17	88.31	340	48.18	25.17	52.12	0.384	0.2006	0.2942
43	m38o	1.0	0.0	0.675	56.15	80.91	−16.85	82.65	348	45.76	24.06	38.36	0.423	0.2224	0.2813
44	m50o	1.0	0.0	0.5	55.2	78.69	−1.52	78.71	359	43.59	23.12	26.13	0.4695	0.2491	0.2703
45	m63o	1.0	0.0	0.375	54.36	77.03	14.9	78.45	11	41.82	22.32	16.4	0.5193	0.2771	0.2609
46	m75o	1.0	0.0	0.25	53.76	75.78	32.94	82.63	23	40.57	21.75	9.07	0.5683	0.3047	0.2542
47	m88o	1.0	0.0	0.125	53.36	74.84	51.32	90.75	34	39.72	21.38	4.33	0.607	0.3268	0.2499
48	o00y	1.0	0.0	0.0	54.22	76.05	57.92	95.59	37	41.3	22.18	3.43	0.6172	0.3315	0.2593
49	n00w	0.0	0.0	0.0	10.87	0.0	0.0	0.01	341	1.18	1.24	1.35	0.3127	0.329	0.0145
50	n13w	0.125	0.125	0.125	16.63	−0.23	0.05	0.25	169	2.1	2.23	2.42	0.3119	0.3299	0.026
51	n25w	0.25	0.25	0.25	30.78	0.0	−0.86	0.87	269	6.23	6.56	7.37	0.3091	0.3252	0.0767
52	n38w	0.375	0.375	0.375	43.55	0.82	−2.07	2.24	292	12.98	13.53	15.65	0.308	0.3209	0.1582
53	n50w	0.5	0.5	0.5	55.07	1.55	−3.03	3.41	297	22.19	23.0	26.96	0.3076	0.3188	0.2689
54	n63w	0.625	0.625	0.625	66.16	1.93	−3.55	4.05	298	34.32	35.53	41.68	0.3077	0.3186	0.4154
55	n75w	0.75	0.75	0.75	76.29	2.17	−3.58	4.19	301	48.64	50.36	58.62	0.3086	0.3195	0.5887
56	n88w	0.875	0.875	0.875	85.52	1.65	−2.93	3.37	299	64.42	67.02	76.71	0.3095	0.322	0.7836
57	n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0357

n = 88.59 / (88.59 + 1.26) = 0.986

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS11a für Helligkeit *L=11 von Schwarz für Lichtart D65**

System TLS11a
LCD-Monitor

D65-Reflexion:
Y_N = 1.26
L^*_N = 11.0

Y Gelb
*LCH**a = 94.1 86.1 101
*LAB**a = 94.1 −15.7 84.7

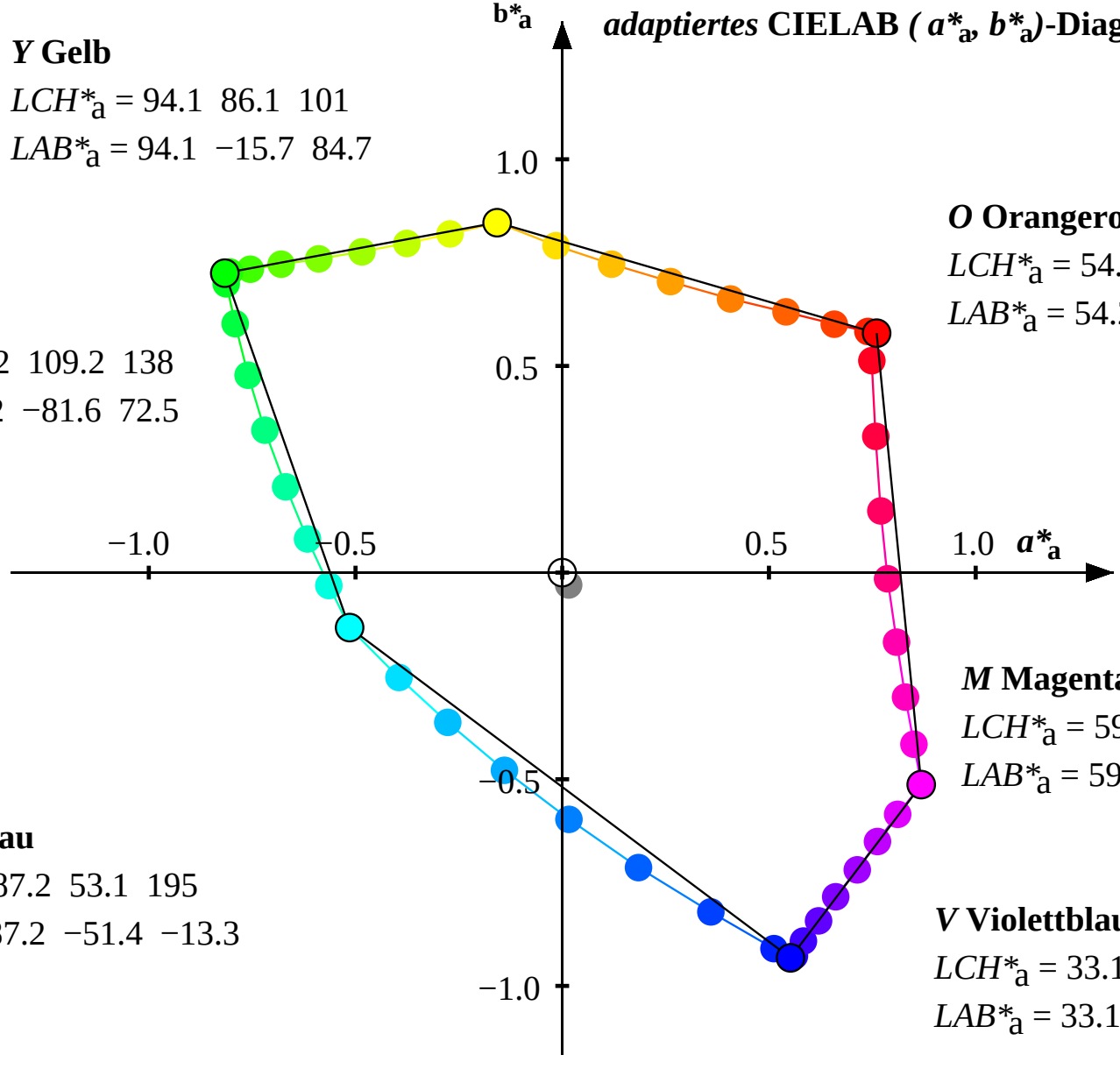
O Orangerot
*LCH**a = 54.2 95.6 37
*LAB**a = 54.2 76.0 57.9

L Laubgrün
*LCH**a = 84.2 109.2 138
*LAB**a = 84.2 −81.6 72.5

M Magentarot
*LCH**a = 59.6 100.9 329
*LAB**a = 59.6 86.9 −51.3

C Cyanblau
*LCH**a = 87.2 53.1 195
*LAB**a = 87.2 −51.4 −13.3

V Violettblau
*LCH**a = 33.1 108.3 301
*LAB**a = 33.1 55.2 −93.2



Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS18a für Helligkeit L^*=18 von Schwarz für Lichtart D65

System TLS18a
LCD-Monitor

D65-Reflexion:
Y_N = 2.52
L^*_N = 18.01

	Farbe	*r=olv*1*	*g=olv*2*	*b=olv*3*	L^*_a=*LAB*1a*	a^*_a=*LAB*2a*	b^*_a=*LAB*3a*	$C^*_{ab,a}$=*LAB*ab,a*	$h_{ab,a}$	X_a=*XYZ1a*	Y_a=*XYZ2a*	Z_a=*XYZ3a*	x_a	y_a	Y_a/88.59
00	o00y	1.0	0.0	0.0	55.18	73.73	52.49	90.51	35	41.89	23.1	4.71	0.601	0.3314	0.2699
01	o13y	1.0	0.125	0.0	55.85	71.69	53.03	89.17	36	42.18	23.76	4.84	0.5959	0.3357	0.2777
02	o25y	1.0	0.25	0.0	58.7	63.91	55.26	84.48	41	43.69	26.71	5.41	0.5763	0.3523	0.3121
03	o38y	1.0	0.375	0.0	62.9	52.73	58.64	78.86	48	46.09	31.47	6.31	0.5495	0.3752	0.3677
04	o50y	1.0	0.5	0.0	68.01	39.8	62.4	74.01	57	49.36	37.99	7.63	0.5197	0.4	0.4439
05	o63y	1.0	0.625	0.0	74.01	25.63	67.01	71.74	69	53.8	46.72	9.33	0.4897	0.4253	0.5459
06	o75y	1.0	0.75	0.0	80.33	11.69	71.69	72.63	81	59.15	57.27	11.45	0.4626	0.4479	0.6692
07	o88y	1.0	0.875	0.0	86.66	−1.41	76.43	76.44	91	65.24	69.31	13.84	0.4396	0.4671	0.8099
08	y00l	1.0	1.0	0.0	94.13	−15.46	82.32	83.76	101	73.64	85.58	16.94	0.418	0.4858	1.0
09	y13l	0.875	1.0	0.0	92.05	−26.68	79.55	83.91	109	64.34	80.82	16.55	0.3979	0.4998	0.9443
10	y25l	0.75	1.0	0.0	90.3	−36.99	77.3	85.7	116	56.81	76.95	16.19	0.3788	0.5132	0.8991
11	y38l	0.625	1.0	0.0	88.66	−47.62	75.27	89.08	122	49.94	73.44	15.83	0.3587	0.5275	0.8582
12	y50l	0.5	1.0	0.0	87.19	−57.83	73.5	93.53	128	44.05	70.4	15.49	0.339	0.5417	0.8226
13	y63l	0.375	1.0	0.0	86.03	−66.58	72.18	98.21	133	39.52	68.05	15.19	0.3219	0.5543	0.7952
14	y75l	0.25	1.0	0.0	85.13	−73.84	70.99	102.44	136	36.09	66.26	15.04	0.3074	0.5645	0.7743
15	y88l	0.125	1.0	0.0	84.54	−78.65	70.27	105.48	138	33.93	65.11	14.9	0.2978	0.5714	0.7608
16	l00c	0.0	1.0	0.0	84.39	−79.83	70.06	106.23	139	33.4	64.81	14.88	0.2954	0.5731	0.7573
17	l13c	0.0	1.0	0.125	84.42	−79.45	67.67	104.37	140	33.55	64.88	15.97	0.2933	0.5671	0.7581
18	l25c	0.0	1.0	0.25	84.52	−77.42	58.56	97.08	143	34.26	65.07	20.56	0.2858	0.5427	0.7604
19	l38c	0.0	1.0	0.375	84.78	−74.37	46.59	87.77	148	35.47	65.57	27.98	0.2749	0.5082	0.7662
20	l50c	0.0	1.0	0.5	85.13	−70.44	33.67	78.09	154	37.11	66.26	37.9	0.2627	0.469	0.7743
21	l63c	0.0	1.0	0.625	85.58	−65.52	20.4	68.63	163	39.24	67.16	50.44	0.2502	0.4282	0.7847
22	l75c	0.0	1.0	0.75	86.11	−60.44	7.95	60.97	173	41.62	68.22	64.66	0.2385	0.3909	0.7971
23	l88c	0.0	1.0	0.875	86.67	−55.34	−3.1	55.44	183	44.14	69.34	79.55	0.2287	0.3592	0.8102
24	c00v	0.0	1.0	1.0	87.31	−50.48	−13.14	52.17	195	46.79	70.63	95.22	0.22	0.3322	0.8253
25	c13v	0.0	0.875	1.0	78.96	−38.66	−24.94	46.02	213	38.71	54.85	91.41	0.2093	0.2966	0.641
26	c25v	0.0	0.75	1.0	71.52	−27.0	−35.55	44.66	233	32.66	42.95	88.23	0.1994	0.2621	0.5018
27	c38v	0.0	0.675	1.0	63.78	−13.5	−46.82	48.74	254	27.41	32.53	85.3	0.1887	0.224	0.3801
28	c50v	0.0	0.5	1.0	55.88	1.61	−58.23	58.27	272	22.97	23.8	82.3	0.178	0.1844	0.2781
29	c63v	0.0	0.375	1.0	48.65	17.53	−69.32	71.51	284	19.76	17.31	80.44	0.1682	0.1473	0.2023
30	c75v	0.0	0.25	1.0	41.93	33.76	−79.35	86.24	293	17.31	12.45	78.36	0.1601	0.1152	0.1455
31	c88v	0.0	0.125	1.0	36.76	47.56	−87.46	99.56	299	15.81	9.41	77.32	0.1542	0.0918	0.1099
32	v00m	0.0	0.0	1.0	35.43	51.08	−89.43	103.0	300	15.43	8.71	76.9	0.1527	0.0862	0.1018
33	v13m	0.125	0.0	1.0	35.88	52.07	−89.05	103.17	300	15.93	8.95	77.42	0.1557	0.0875	0.1045
34	v25m	0.25	0.0	1.0	37.73	54.55	−85.79	101.67	302	17.81	9.94	77.33	0.1695	0.0946	0.1161
35	v38m	0.375	0.0	1.0	40.61	58.51	−81.38	100.24	306	21.05	11.63	78.06	0.1901	0.105	0.1358
36	v50m	0.5	0.0	1.0	43.96	62.96	−75.91	98.63	310	25.24	13.81	78.45	0.2148	0.1175	0.1613
37	v63m	0.625	0.0	1.0	47.9	68.5	−69.82	97.81	314	30.94	16.72	79.38	0.2435	0.1316	0.1954
38	v75m	0.75	0.0	1.0	51.94	73.63	−63.33	97.12	319	37.42	20.09	80.01	0.2721	0.1461	0.2348
39	v88m	0.875	0.0	1.0	55.92	78.74	−57.04	97.24	324	44.66	23.83	80.77	0.2992	0.1597	0.2784
40	m00o	1.0	0.0	1.0	60.33	84.67	−50.18	98.43	329	53.83	28.49	81.77	0.328	0.1736	0.3329
41	m13o	1.0	0.0	0.875	59.16	82.85	−40.47	92.21	334	51.19	27.2	66.95	0.3522	0.1872	0.3179
42	m25o	1.0	0.0	0.75	58.08	80.74	−29.33	85.9	340	48.68	26.05	52.73	0.3819	0.2044	0.3043
43	m38o	1.0	0.0	0.675	57.03	78.62	−16.31	80.3	348	46.3	24.95	39.17	0.4193	0.226	0.2916
44	m50o	1.0	0.0	0.5	56.12	76.39	−1.46	76.4	359	44.15	24.03	27.1	0.4634	0.2522	0.2808
45	m63o	1.0	0.0	0.375	55.31	74.7	14.19	76.04	11	42.41	23.23	17.51	0.51	0.2794	0.2715
46	m75o	1.0	0.0	0.25	54.73	73.44	30.9	79.67	23	41.17	22.67	10.28	0.5555	0.3059	0.2649
47	m88o	1.0	0.0	0.125	54.35	72.49	46.9	86.34	33	40.33	22.31	5.61	0.591	0.3269	0.2607
48	o00y	1.0	0.0	0.0	55.18	73.73	52.49	90.51	35	41.89	23.1	4.71	0.601	0.3314	0.2699
49	n00w	0.0	0.0	0.0	17.69	0.0	0.0	0.01	0	2.33	2.45	2.67	0.3127	0.329	0.0286
50	n13w	0.125	0.125	0.125	21.65	−0.17	0.04	0.18	169	3.24	3.42	3.72	0.3122	0.3296	0.04
51	n25w	0.25	0.25	0.25	33.33	0.0	−0.76	0.77	269	7.31	7.69	8.61	0.3096	0.3258	0.0899
52	n38w	0.375	0.375	0.375	45.04	0.77	−1.95	2.1	292	13.97	14.57	16.76	0.3083	0.3216	0.1702
53	n50w	0.5	0.5	0.5	56.0	1.49	−2.92	3.28	297	23.05	23.91	27.92	0.3078	0.3193	0.2794
54	n63w	0.625	0.625	0.625	66.72	1.87	−3.46	3.94	298	35.01	36.27	42.44	0.3079	0.3189	0.4238
55	n75w	0.75	0.75	0.75	76.61	2.12	−3.51	4.11	301	49.14	50.88	59.15	0.3087	0.3197	0.5946
56	n88w	0.875	0.875	0.875	85.67	1.62	−2.88	3.31	299	64.7	67.32	76.98	0.3095	0.3221	0.7867
57	n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0352

n = 88.59 / (88.59 + 2.52) = 0.972

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS18a für Helligkeit *L=18 von Schwarz für Lichart D65**

System TLS18a
LCD-Monitor

D65-Reflexion:
Y_N = 2.52
L^*_N = 18.01

Y Gelb
*LCH**a = 94.1 83.8 101
*LAB**a = 94.1 −15.5 82.3

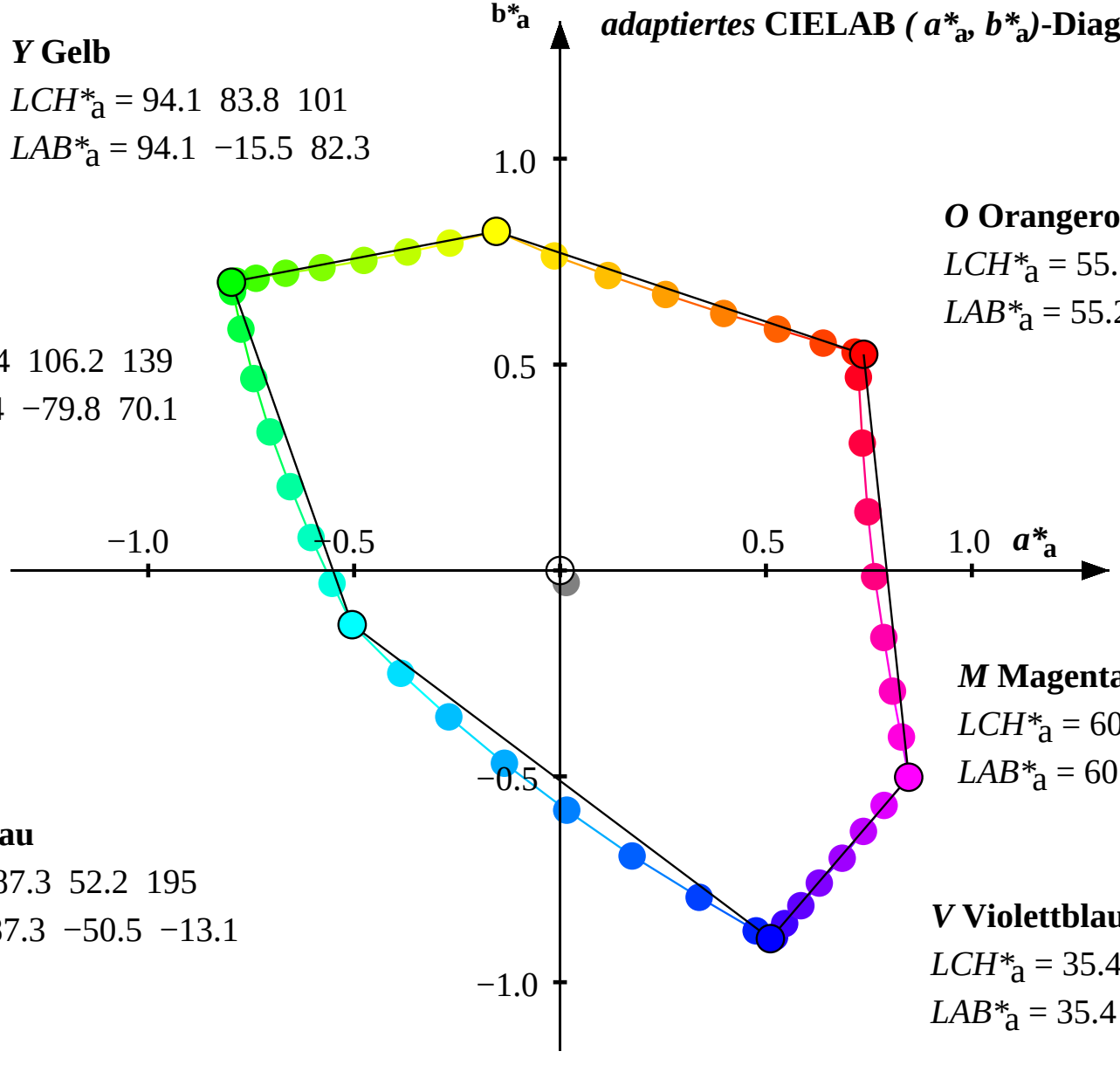
O Orangerot
*LCH**a = 55.2 90.5 35
*LAB**a = 55.2 73.7 52.5

L Laubgrün
*LCH**a = 84.4 106.2 139
*LAB**a = 84.4 −79.8 70.1

M Magentarot
*LCH**a = 60.3 98.4 329
*LAB**a = 60.3 84.7 −50.2

C Cyanblau
*LCH**a = 87.3 52.2 195
*LAB**a = 87.3 −50.5 −13.1

V Violettblau
*LCH**a = 35.4 103.0 300
*LAB**a = 35.4 51.1 −89.4



Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS27a für Helligkeit L^*=27 von Schwarz für Lichtart D65

System TLS27a
LCD-Monitor

D65-Reflexion:
Y_N = 5.04
L^*_N = 26.85

Farbe	r=olv*1	g=olv*2	b=olv*3	L*a=LAB*1a	a*a=LAB*2a	b*a=LAB*3a	C*ab,a=LAB*ab,a	hab,a	Xa=XYZ1a	Ya=XYZ2a	Za=XYZ3a	xa	ya	Ya/88.59
00 o00y	1.0	0.0	0.0	56.94	69.53	44.95	82.8	33	43.03	24.86	7.18	0.5732	0.3312	0.2903
01 o13y	1.0	0.125	0.0	57.57	67.66	45.57	81.58	34	43.31	25.51	7.31	0.5689	0.3351	0.2978
02 o25y	1.0	0.25	0.0	60.22	60.53	48.13	77.34	38	44.78	28.37	7.86	0.5528	0.3502	0.3312
03 o38y	1.0	0.375	0.0	64.17	50.17	51.95	72.22	46	47.11	33.01	8.74	0.5302	0.3715	0.3853
04 o50y	1.0	0.5	0.0	69.0	38.05	56.27	67.92	56	50.3	39.35	10.02	0.5047	0.3948	0.4593
05 o63y	1.0	0.625	0.0	74.73	24.63	61.4	66.16	68	54.61	47.84	11.68	0.4785	0.4192	0.5585
06 o75y	1.0	0.75	0.0	80.8	11.28	66.59	67.54	80	59.83	58.11	13.74	0.4544	0.4413	0.6784
07 o88y	1.0	0.875	0.0	86.91	−1.37	71.75	71.76	91	65.75	69.83	16.07	0.4336	0.4605	0.8151
08 y00l	1.0	1.0	0.0	94.17	−15.02	78.03	79.46	101	73.92	85.66	19.08	0.4138	0.4795	1.0
09 y13l	0.875	1.0	0.0	92.14	−25.87	75.27	79.6	109	64.88	81.03	18.7	0.3941	0.4922	0.9459
10 y25l	0.75	1.0	0.0	90.44	−35.79	73.04	81.34	116	57.55	77.26	18.35	0.3757	0.5044	0.9019
11 y38l	0.625	1.0	0.0	88.85	−45.99	71.0	84.6	123	50.86	73.85	18.0	0.3564	0.5175	0.8621
12 y50l	0.5	1.0	0.0	87.43	−55.72	69.23	88.87	129	45.13	70.89	17.67	0.3376	0.5302	0.8275
13 y63l	0.375	1.0	0.0	86.31	−64.02	67.9	93.33	133	40.72	68.6	17.38	0.3214	0.5414	0.8009
14 y75l	0.25	1.0	0.0	85.44	−70.87	66.72	97.34	137	37.38	66.87	17.23	0.3077	0.5505	0.7806
15 y88l	0.125	1.0	0.0	84.86	−75.4	66.0	100.21	139	35.28	65.74	17.1	0.2987	0.5566	0.7674
16 l00c	0.0	1.0	0.0	84.71	−76.5	65.8	100.91	139	34.77	65.45	17.07	0.2964	0.558	0.764
17 l13c	0.0	1.0	0.125	84.75	−76.15	63.66	99.26	140	34.91	65.51	18.13	0.2945	0.5526	0.7648
18 l25c	0.0	1.0	0.25	84.85	−74.22	55.44	92.65	143	35.61	65.71	22.61	0.2873	0.5302	0.7671
19 l38c	0.0	1.0	0.375	85.09	−71.35	44.41	84.05	148	36.79	66.19	29.83	0.277	0.4984	0.7727
20 l50c	0.0	1.0	0.5	85.44	−67.64	32.28	74.96	154	38.38	66.87	39.48	0.2652	0.462	0.7806
21 l63c	0.0	1.0	0.625	85.87	−62.99	19.64	65.99	163	40.45	67.73	51.67	0.2531	0.4237	0.7907
22 l75c	0.0	1.0	0.75	86.39	−58.16	7.68	58.68	172	42.77	68.76	65.51	0.2416	0.3884	0.8027
23 l88c	0.0	1.0	0.875	86.93	−53.31	−3.0	53.41	183	45.22	69.86	80.0	0.2318	0.3581	0.8155
24 c00v	0.0	1.0	1.0	87.54	−48.68	−12.75	50.33	195	47.79	71.11	95.25	0.2232	0.3321	0.8302
25 c13v	0.0	0.875	1.0	79.48	−37.04	−24.14	44.23	213	39.93	55.76	91.54	0.2133	0.2978	0.651
26 c25v	0.0	0.75	1.0	72.35	−25.67	−34.28	42.84	233	34.05	44.18	88.45	0.2043	0.265	0.5157
27 c38v	0.0	0.675	1.0	64.99	−12.71	−44.94	46.71	254	28.94	34.04	85.6	0.1948	0.2291	0.3973
28 c50v	0.0	0.5	1.0	57.6	1.49	−55.56	55.59	272	24.62	25.54	82.68	0.1853	0.1923	0.2982
29 c63v	0.0	0.375	1.0	50.96	16.02	−65.67	67.6	284	21.49	19.23	80.87	0.1768	0.1582	0.2245
30 c75v	0.0	0.25	1.0	44.94	30.25	−74.51	80.43	292	19.11	14.5	78.85	0.17	0.1289	0.1693
31 c88v	0.0	0.125	1.0	40.48	41.83	−81.45	91.57	297	17.65	11.54	77.83	0.1649	0.1078	0.1347
32 v00m	0.0	0.0	1.0	39.35	44.67	−83.08	94.33	298	17.28	10.86	77.43	0.1637	0.1029	0.1268
33 v13m	0.125	0.0	1.0	39.73	45.69	−82.8	94.58	299	17.77	11.09	77.93	0.1664	0.1038	0.1295
34 v25m	0.25	0.0	1.0	41.3	48.41	−80.02	93.54	301	19.6	12.06	77.84	0.179	0.1101	0.1407
35 v38m	0.375	0.0	1.0	43.79	52.73	−76.27	92.74	305	22.75	13.7	78.55	0.1979	0.1191	0.1599
36 v50m	0.5	0.0	1.0	46.74	57.57	−71.49	91.79	309	26.83	15.82	78.93	0.2207	0.1301	0.1847
37 v63m	0.625	0.0	1.0	50.28	63.49	−66.07	91.64	314	32.37	18.65	79.84	0.2474	0.1425	0.2178
38 v75m	0.75	0.0	1.0	53.96	69.0	−60.18	91.56	319	38.68	21.94	80.45	0.2742	0.1555	0.2561
39 v88m	0.875	0.0	1.0	57.63	74.42	−54.41	92.19	324	45.72	25.57	81.19	0.2999	0.1677	0.2985
40 m00o	1.0	0.0	1.0	61.75	80.64	−48.02	93.87	329	54.65	30.11	82.16	0.3274	0.1804	0.3515
41 m13o	1.0	0.0	0.875	60.65	78.76	−38.57	87.7	334	52.08	28.86	67.75	0.3503	0.1941	0.3369
42 m25o	1.0	0.0	0.75	59.64	76.6	−27.79	81.49	340	49.63	27.73	53.91	0.3781	0.2112	0.3237
43 m38o	1.0	0.0	0.675	58.66	74.45	−15.34	76.01	348	47.32	26.67	40.71	0.4125	0.2325	0.3113
44 m50o	1.0	0.0	0.5	57.81	72.19	−1.35	72.2	359	45.23	25.77	28.97	0.4524	0.2578	0.3008
45 m63o	1.0	0.0	0.375	57.07	70.48	12.99	71.66	10	43.53	24.99	19.63	0.4938	0.2835	0.2918
46 m75o	1.0	0.0	0.25	56.53	69.2	27.61	74.5	22	42.33	24.45	12.59	0.5333	0.308	0.2854
47 m88o	1.0	0.0	0.125	56.18	68.25	40.51	79.36	31	41.51	24.09	8.05	0.5636	0.3271	0.2813
48 o00y	1.0	0.0	0.0	56.94	69.53	44.95	82.8	33	43.03	24.86	7.18	0.5732	0.3312	0.2903
49 n00w	0.0	0.0	0.0	26.07	0.0	0.0	0.01	0	4.53	4.77	5.19	0.3127	0.329	0.0557
50 n13w	0.125	0.125	0.125	28.67	−0.11	0.02	0.13	169	5.42	5.71	6.21	0.3124	0.3293	0.0667
51 n25w	0.25	0.25	0.25	37.61	0.0	−0.63	0.64	269	9.38	9.87	10.97	0.3104	0.3266	0.1152
52 n38w	0.375	0.375	0.375	47.7	0.69	−1.74	1.88	291	15.86	16.56	18.91	0.309	0.3227	0.1933
53 n50w	0.5	0.5	0.5	57.7	1.38	−2.71	3.05	297	24.7	25.65	29.76	0.3083	0.3202	0.2994
54 n63w	0.625	0.625	0.625	67.78	1.78	−3.29	3.74	298	36.34	37.67	43.89	0.3082	0.3195	0.4398
55 n75w	0.75	0.75	0.75	77.22	2.04	−3.37	3.95	301	50.08	51.9	60.15	0.3089	0.3201	0.6059
56 n88w	0.875	0.875	0.875	85.95	1.57	−2.79	3.21	299	65.22	67.9	77.51	0.3097	0.3224	0.7926
57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0342

n = 88.59 / (88.59 + 5.04) = 0.946

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS27a für Helligkeit *L=27 von Schwarz für Lichtart D65**

System TLS27a
LCD-Monitor

D65-Reflexion:
Y_N = 5.04
L^*_N = 26.85

Y Gelb
*LCH**a = 94.2 79.5 101
*LAB**a = 94.2 −15.0 78.0

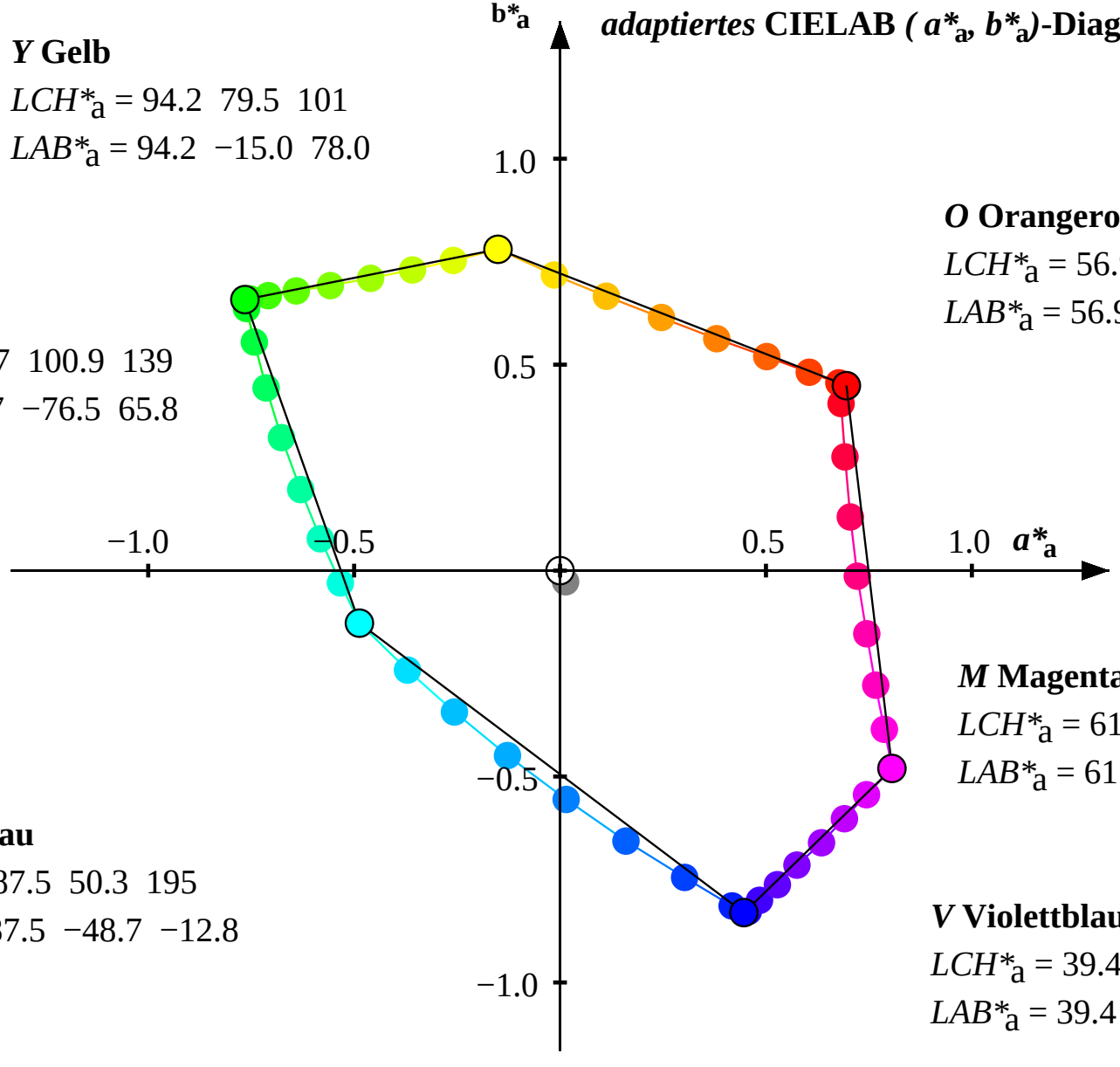
O Orangerot
*LCH**a = 56.9 82.8 33
*LAB**a = 56.9 69.5 44.9

L Laubgrün
*LCH**a = 84.7 100.9 139
*LAB**a = 84.7 −76.5 65.8

M Magentarot
*LCH**a = 61.7 93.9 329
*LAB**a = 61.7 80.6 −48.0

C Cyanblau
*LCH**a = 87.5 50.3 195
*LAB**a = 87.5 −48.7 −12.8

V Violettblau
*LCH**a = 39.4 94.3 298
*LAB**a = 39.4 44.7 −83.1



Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS38a für Helligkeit *L**=38 von Schwarz für Lichtart D65

System TLS38a
LCD-Monitor

D65-Reflexion:
Y_N = 10.08
L^*_N = 37.99

	Farbe	*r=olv*1*	*g=olv*2*	*b=olv*3*	$L^*_a=LAB^*_{1a}$	$a^*_a=LAB^*_{2a}$	$b^*_a=LAB^*_{3a}$	$C^*_{ab,a}=LAB^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	Y_a/88.59
00	o00y	1.0	0.0	0.0	60.0	62.53	35.83	72.06	30	45.14	28.12	11.74	0.531	0.3308	0.3277
01	o13y	1.0	0.125	0.0	60.54	60.93	36.46	71.0	31	45.4	28.73	11.86	0.528	0.3341	0.3348
02	o25y	1.0	0.25	0.0	62.88	54.81	39.09	67.32	35	46.8	31.45	12.39	0.5163	0.347	0.3665
03	o38y	1.0	0.375	0.0	66.4	45.77	43.04	62.83	43	49.01	35.85	13.22	0.4997	0.3655	0.4177
04	o50y	1.0	0.5	0.0	70.78	34.99	47.64	59.11	54	52.03	41.86	14.43	0.4803	0.3865	0.4879
05	o63y	1.0	0.625	0.0	76.02	22.83	53.1	57.81	67	56.13	49.93	16.01	0.4598	0.409	0.5818
06	o75y	1.0	0.75	0.0	81.66	10.53	58.69	59.62	80	61.07	59.67	17.96	0.4403	0.4302	0.6953
07	o88y	1.0	0.875	0.0	87.38	−1.29	64.23	64.24	91	66.69	70.78	20.17	0.423	0.449	0.8249
08	y00l	1.0	1.0	0.0	94.23	−14.21	70.89	72.3	101	74.45	85.81	23.03	0.4062	0.4682	1.0
09	y13l	0.875	1.0	0.0	92.32	−24.39	68.2	72.43	110	65.87	81.41	22.68	0.3875	0.479	0.9487
10	y25l	0.75	1.0	0.0	90.71	−33.63	66.01	74.08	117	58.91	77.84	22.34	0.3703	0.4893	0.9071
11	y38l	0.625	1.0	0.0	89.21	−43.04	64.01	77.14	124	52.57	74.6	22.01	0.3524	0.5001	0.8694
12	y50l	0.5	1.0	0.0	87.87	−51.94	62.26	81.09	130	47.13	71.79	21.7	0.3352	0.5105	0.8366
13	y63l	0.375	1.0	0.0	86.81	−59.47	60.95	85.16	134	42.94	69.62	21.42	0.3205	0.5196	0.8114
14	y75l	0.25	1.0	0.0	85.99	−65.63	59.8	88.79	138	39.77	67.98	21.27	0.3083	0.5269	0.7922
15	y88l	0.125	1.0	0.0	85.46	−69.67	59.09	91.36	140	37.78	66.91	21.15	0.3002	0.5317	0.7797
16	l00c	0.0	1.0	0.0	85.32	−70.65	58.9	91.98	140	37.29	66.63	21.13	0.2982	0.5328	0.7765
17	l13c	0.0	1.0	0.125	85.35	−70.33	57.14	90.62	141	37.43	66.69	22.13	0.2965	0.5282	0.7772
18	l25c	0.0	1.0	0.25	85.44	−68.6	50.22	85.02	144	38.09	66.88	26.38	0.29	0.5092	0.7793
19	l38c	0.0	1.0	0.375	85.67	−66.02	40.64	77.54	148	39.21	67.33	33.23	0.2805	0.4817	0.7847
20	l50c	0.0	1.0	0.5	85.99	−62.68	29.82	69.42	155	40.72	67.98	42.39	0.2695	0.4499	0.7922
21	l63c	0.0	1.0	0.625	86.4	−58.48	18.29	61.28	163	42.69	68.8	53.96	0.258	0.4158	0.8018
22	l75c	0.0	1.0	0.75	86.89	−54.1	7.2	54.59	172	44.88	69.78	67.09	0.2469	0.3839	0.8131
23	l88c	0.0	1.0	0.875	87.4	−49.68	−2.83	49.77	183	47.21	70.82	80.84	0.2374	0.3561	0.8253
24	c00v	0.0	1.0	1.0	87.97	−45.45	−12.05	47.03	195	49.65	72.01	95.31	0.2288	0.3319	0.8391
25	c13v	0.0	0.875	1.0	80.43	−34.19	−22.68	41.04	214	42.19	57.44	91.79	0.2204	0.3001	0.6694
26	c25v	0.0	0.75	1.0	73.83	−23.39	−32.01	39.66	234	36.61	46.44	88.86	0.213	0.2702	0.5412
27	c38v	0.0	0.675	1.0	67.14	−11.39	−41.63	43.17	255	31.76	36.82	86.16	0.2053	0.238	0.4291
28	c50v	0.0	0.5	1.0	60.57	1.31	−50.95	50.98	271	27.66	28.76	83.38	0.1979	0.2057	0.3352
29	c63v	0.0	0.375	1.0	54.84	13.72	−59.57	61.14	283	24.7	22.78	81.66	0.1913	0.1764	0.2654
30	c75v	0.0	0.25	1.0	49.84	25.23	−66.75	71.37	291	22.44	18.29	79.74	0.1863	0.1518	0.2131
31	c88v	0.0	0.125	1.0	46.28	34.06	−72.17	79.81	295	21.05	15.48	78.78	0.1825	0.1342	0.1803
32	v00m	0.0	0.0	1.0	45.41	36.13	−73.38	81.8	296	20.7	14.83	78.4	0.1817	0.1302	0.1729
33	v13m	0.125	0.0	1.0	45.7	37.1	−73.23	82.11	297	21.16	15.05	78.88	0.1839	0.1308	0.1754
34	v25m	0.25	0.0	1.0	46.93	39.89	−71.05	81.5	299	22.9	15.96	78.79	0.1946	0.1357	0.186
35	v38m	0.375	0.0	1.0	48.91	44.34	−68.15	81.31	303	25.89	17.52	79.47	0.2107	0.1426	0.2042
36	v50m	0.5	0.0	1.0	51.31	49.39	−64.28	81.07	308	29.76	19.54	79.83	0.2305	0.1513	0.2277
37	v63m	0.625	0.0	1.0	54.27	55.58	−59.83	81.67	313	35.02	22.23	80.69	0.2539	0.1611	0.259
38	v75m	0.75	0.0	1.0	57.41	61.42	−54.85	82.35	318	41.01	25.34	81.27	0.2778	0.1717	0.2953
39	v88m	0.875	0.0	1.0	60.6	67.16	−49.87	83.66	323	47.69	28.79	81.97	0.301	0.1817	0.3355
40	m00o	1.0	0.0	1.0	64.24	73.7	−44.27	85.98	329	56.16	33.1	82.89	0.3262	0.1923	0.3857
41	m13o	1.0	0.0	0.875	63.27	71.75	−35.29	79.97	334	53.72	31.91	69.21	0.3469	0.2061	0.3718
42	m25o	1.0	0.0	0.75	62.37	69.56	−25.19	73.99	340	51.4	30.84	56.08	0.3716	0.2229	0.3594
43	m38o	1.0	0.0	0.675	61.51	67.39	−13.72	68.77	348	49.2	29.83	43.56	0.4013	0.2433	0.3476
44	m50o	1.0	0.0	0.5	60.76	65.14	−1.19	65.15	359	47.22	28.97	32.41	0.4348	0.2668	0.3377
45	m63o	1.0	0.0	0.375	60.11	63.42	11.15	64.39	10	45.61	28.24	23.56	0.4682	0.2899	0.3291
46	m75o	1.0	0.0	0.25	59.64	62.14	22.97	66.25	20	44.47	27.72	16.88	0.4992	0.3113	0.3231
47	m88o	1.0	0.0	0.125	59.33	61.19	32.51	69.29	28	43.69	27.39	12.57	0.5224	0.3274	0.3192
48	o00y	1.0	0.0	0.0	60.0	62.53	35.83	72.06	30	45.14	28.12	11.74	0.531	0.3308	0.3277
49	n00w	0.0	0.0	0.0	36.08	0.0	0.0	0.01	0	8.6	9.05	9.85	0.3127	0.329	0.1055
50	n13w	0.125	0.125	0.125	37.74	−0.07	0.02	0.08	169	9.44	9.95	10.82	0.3125	0.3292	0.1159
51	n25w	0.25	0.25	0.25	44.08	0.0	−0.47	0.48	269	13.2	13.89	15.34	0.3111	0.3274	0.1619
52	n38w	0.375	0.375	0.375	52.11	0.57	−1.45	1.57	291	19.35	20.24	22.87	0.3098	0.3241	0.2359
53	n50w	0.5	0.5	0.5	60.66	1.21	−2.39	2.69	297	27.74	28.86	33.17	0.309	0.3215	0.3364
54	n63w	0.625	0.625	0.625	69.66	1.61	−2.99	3.41	298	38.78	40.27	46.58	0.3087	0.3206	0.4693
55	n75w	0.75	0.75	0.75	78.33	1.89	−3.13	3.66	301	51.82	53.77	62.0	0.3092	0.3208	0.6267
56	n88w	0.875	0.875	0.875	86.48	1.47	−2.62	3.01	299	66.19	68.95	78.48	0.3099	0.3228	0.8035
57	n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0324

n = 88.59 / (88.59 + 10.08) = 0.898

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS38a für Helligkeit *L=38 von Schwarz für Lichtart D65**

System TLS38a
LCD-Monitor

D65-Reflexion:
Y_N = 10.08
L^*_N = 37.99

Y Gelb
*LCH**a = 94.2 72.3 101
*LAB**a = 94.2 −14.2 70.9

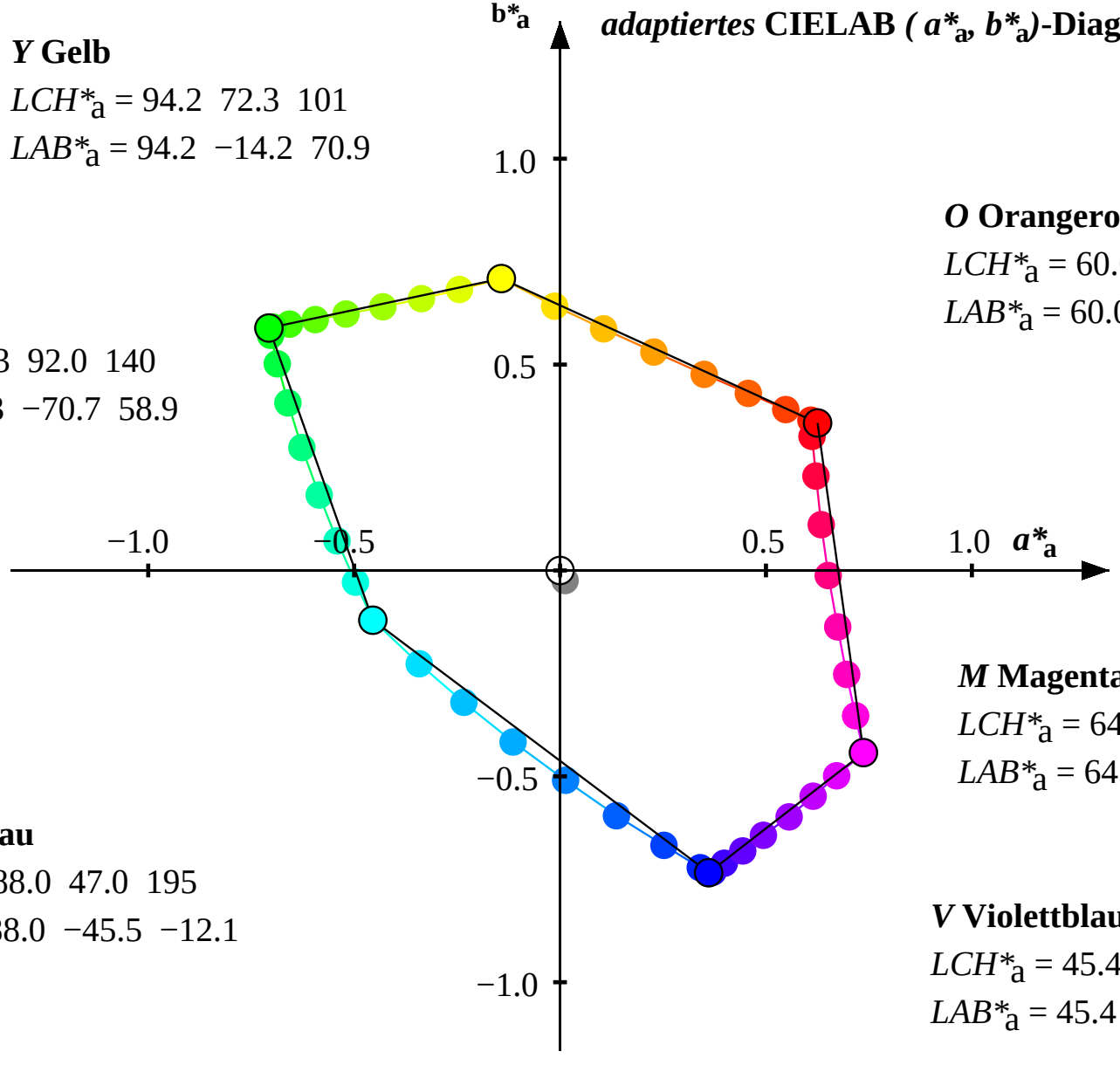
O Orangerot
*LCH**a = 60.0 72.1 30
*LAB**a = 60.0 62.5 35.8

L Laubgrün
*LCH**a = 85.3 92.0 140
*LAB**a = 85.3 −70.7 58.9

M Magentarot
*LCH**a = 64.2 86.0 329
*LAB**a = 64.2 73.7 −44.3

C Cyanblau
*LCH**a = 88.0 47.0 195
*LAB**a = 88.0 −45.5 −12.1

V Violettblau
*LCH**a = 45.4 81.8 296
*LAB**a = 45.4 36.1 −73.4



Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS52a für Helligkeit L^*=52 von Schwarz für Lichtart D65

System TLS52a
LCD-Monitor

D65-Reflexion:
Y_N = 20.16
L^*_N = 52.02

Farbe	*r=olv*1*	*g=olv*2*	*b=olv*3*	L^*_a=*LAB*1a*	a^*_a=*LAB*2a*	b^*_a=*LAB*3a*	$C^*_{ab,a}$=*LAB*ab,a*	$h_{ab,a}$	X_a=*XYZ1a*	Y_a=*XYZ2a*	Z_a=*XYZ3a*	x_a	y_a	Y_a/88.59
00 o00y	1.0	0.0	0.0	64.74	52.23	26.29	58.48	27	48.76	33.72	19.6	0.4776	0.3304	0.3918
01 o13y	1.0	0.125	0.0	65.18	50.98	26.85	57.62	28	48.99	34.28	19.7	0.4758	0.3329	0.3983
02 o25y	1.0	0.25	0.0	67.09	46.22	29.22	54.68	32	50.26	36.75	20.18	0.4689	0.3428	0.4269
03 o38y	1.0	0.375	0.0	69.99	39.01	32.83	50.98	40	52.27	40.74	20.93	0.4588	0.3575	0.4733
04 o50y	1.0	0.5	0.0	73.67	30.18	37.18	47.89	51	55.01	46.19	22.04	0.4464	0.3748	0.5367
05 o63y	1.0	0.625	0.0	78.17	19.95	42.46	46.91	65	58.73	53.51	23.46	0.4328	0.3943	0.6217
06 o75y	1.0	0.75	0.0	83.1	9.31	48.0	48.9	79	63.22	62.35	25.24	0.4192	0.4134	0.7244
07 o88y	1.0	0.875	0.0	88.18	−1.15	53.59	53.6	91	68.31	72.44	27.24	0.4066	0.4312	0.8416
08 y00l	1.0	1.0	0.0	94.34	−12.83	60.34	61.69	102	75.35	86.07	29.84	0.394	0.45	1.0
09 y13l	0.875	1.0	0.0	92.61	−21.89	57.82	61.83	111	67.56	82.08	29.51	0.3771	0.4581	0.9536
10 y25l	0.75	1.0	0.0	91.16	−30.0	55.76	63.32	118	61.25	78.84	29.21	0.3618	0.4657	0.916
11 y38l	0.625	1.0	0.0	89.81	−38.16	53.89	66.03	125	55.5	75.9	28.91	0.3462	0.4735	0.8818
12 y50l	0.5	1.0	0.0	88.61	−45.76	52.24	69.46	131	50.57	73.35	28.63	0.3315	0.4808	0.8522
13 y63l	0.375	1.0	0.0	87.67	−52.1	50.99	72.91	136	46.77	71.38	28.37	0.3192	0.4872	0.8294
14 y75l	0.25	1.0	0.0	86.94	−57.22	49.93	75.95	139	43.89	69.89	28.24	0.309	0.4921	0.812
15 y88l	0.125	1.0	0.0	86.46	−60.55	49.28	78.07	141	42.08	68.92	28.13	0.3025	0.4953	0.8007
16 l00c	0.0	1.0	0.0	86.34	−61.34	49.09	78.58	141	41.64	68.67	28.11	0.3008	0.4961	0.7978
17 l13c	0.0	1.0	0.125	86.37	−61.08	47.78	77.56	142	41.77	68.72	29.02	0.2994	0.4926	0.7985
18 l25c	0.0	1.0	0.25	86.45	−59.64	42.46	73.22	145	42.36	68.89	32.87	0.2939	0.478	0.8004
19 l38c	0.0	1.0	0.375	86.65	−57.5	34.84	67.24	149	43.38	69.3	39.09	0.2858	0.4566	0.8052
20 l50c	0.0	1.0	0.5	86.94	−54.72	25.91	60.55	155	44.75	69.89	47.4	0.2762	0.4313	0.812
21 l63c	0.0	1.0	0.625	87.31	−51.19	16.08	53.67	163	46.53	70.63	57.9	0.2658	0.4035	0.8207
22 l75c	0.0	1.0	0.75	87.74	−47.5	6.39	47.94	172	48.53	71.52	69.82	0.2556	0.3767	0.831
23 l88c	0.0	1.0	0.875	88.19	−43.75	−2.53	43.83	183	50.64	72.46	82.29	0.2465	0.3528	0.8419
24 c00v	0.0	1.0	1.0	88.71	−40.14	−10.86	41.59	195	52.85	73.54	95.42	0.2383	0.3316	0.8545
25 c13v	0.0	0.875	1.0	82.02	−29.65	−20.23	35.91	214	46.09	60.33	92.23	0.232	0.3037	0.7009
26 c25v	0.0	0.75	1.0	76.28	−19.9	−28.27	34.59	235	41.02	50.35	89.56	0.2267	0.2783	0.585
27 c38v	0.0	0.675	1.0	70.61	−9.46	−36.33	37.56	255	36.62	41.62	87.11	0.2215	0.2517	0.4836
28 c50v	0.0	0.5	1.0	65.21	1.06	−43.84	43.87	271	32.9	34.31	84.59	0.2167	0.226	0.3986
29 c63v	0.0	0.375	1.0	60.67	10.76	−50.52	51.67	282	30.21	28.88	83.03	0.2126	0.2032	0.3355
30 c75v	0.0	0.25	1.0	56.88	19.19	−55.77	58.99	289	28.16	24.8	81.29	0.2098	0.1847	0.2882
31 c88v	0.0	0.125	1.0	54.29	25.3	−59.58	64.74	293	26.9	22.25	80.42	0.2076	0.1717	0.2585
32 v00m	0.0	0.0	1.0	53.68	26.66	−60.39	66.02	294	26.58	21.67	80.08	0.2071	0.1689	0.2518
33 v13m	0.125	0.0	1.0	53.88	27.49	−60.35	66.33	294	27.0	21.86	80.51	0.2087	0.169	0.254
34 v25m	0.25	0.0	1.0	54.76	30.0	−58.79	66.01	297	28.58	22.7	80.43	0.217	0.1723	0.2637
35 v38m	0.375	0.0	1.0	56.2	34.08	−56.77	66.22	301	31.3	24.11	81.04	0.2294	0.1767	0.2801
36 v50m	0.5	0.0	1.0	57.98	38.85	−53.94	66.48	306	34.8	25.94	81.37	0.2449	0.1825	0.3014
37 v63m	0.625	0.0	1.0	60.23	44.8	−50.64	67.62	311	39.57	28.38	82.15	0.2637	0.1891	0.3297
38 v75m	0.75	0.0	1.0	62.68	50.61	−46.8	68.94	317	45.01	31.2	82.68	0.2833	0.1964	0.3625
39 v88m	0.875	0.0	1.0	65.23	56.39	−42.87	70.84	323	51.07	34.33	83.31	0.3027	0.2035	0.3989
40 m00o	1.0	0.0	1.0	68.2	63.02	−38.36	73.78	329	58.76	38.24	84.15	0.3244	0.2111	0.4443
41 m13o	1.0	0.0	0.875	67.4	61.07	−30.23	68.14	334	56.55	37.16	71.74	0.3418	0.2246	0.4318
42 m25o	1.0	0.0	0.75	66.67	58.93	−21.27	62.65	340	54.44	36.19	59.82	0.3618	0.2405	0.4205
43 m38o	1.0	0.0	0.675	65.96	56.82	−11.37	57.95	349	52.44	35.28	48.46	0.3851	0.259	0.4099
44 m50o	1.0	0.0	0.5	65.36	54.68	−0.96	54.69	359	50.64	34.5	38.35	0.4101	0.2794	0.4009
45 m63o	1.0	0.0	0.375	64.83	53.03	8.77	53.75	9	49.19	33.84	30.32	0.434	0.2985	0.3931
46 m75o	1.0	0.0	0.25	64.45	51.8	17.48	54.67	19	48.15	33.36	24.25	0.4552	0.3155	0.3877
47 m88o	1.0	0.0	0.125	64.21	50.92	23.96	56.27	25	47.45	33.06	20.34	0.4705	0.3278	0.3841
48 o00y	1.0	0.0	0.0	64.74	52.23	26.29	58.48	27	48.76	33.72	19.6	0.4776	0.3304	0.3918
49 n00w	0.0	0.0	0.0	47.52	0.0	0.0	0.01	0	15.61	16.42	17.88	0.3127	0.329	0.1908
50 n13w	0.125	0.125	0.125	48.55	−0.04	0.01	0.05	169	16.37	17.23	18.76	0.3126	0.3291	0.2002
51 n25w	0.25	0.25	0.25	52.75	0.0	−0.32	0.34	269	19.78	20.81	22.86	0.3118	0.328	0.2418
52 n38w	0.375	0.375	0.375	58.58	0.43	−1.1	1.19	291	25.36	26.58	29.69	0.3107	0.3256	0.3088
53 n50w	0.5	0.5	0.5	65.28	0.98	−1.93	2.18	297	32.97	34.4	39.04	0.3098	0.3233	0.3997
54 n63w	0.625	0.625	0.625	72.73	1.37	−2.54	2.89	298	42.99	44.75	51.2	0.3094	0.3221	0.52
55 n75w	0.75	0.75	0.75	80.18	1.65	−2.74	3.2	301	54.82	57.0	65.2	0.3097	0.322	0.6623
56 n88w	0.875	0.875	0.875	87.37	1.31	−2.34	2.69	299	67.86	70.77	80.14	0.3102	0.3235	0.8223
57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	275	84.2	88.59	96.46	0.3127	0.329	1.0293

n = 88.59 / (88.59 + 20.16) = 0.815

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS52a für Helligkeit *L=52 von Schwarz für Lichart D65**

System TLS52a
LCD-Monitor

D65-Reflexion:
Y_N = 20.16
L^*_N = 52.02

Y Gelb
*LCH**a = 94.3 61.7 102
*LAB**a = 94.3 −12.8 60.3

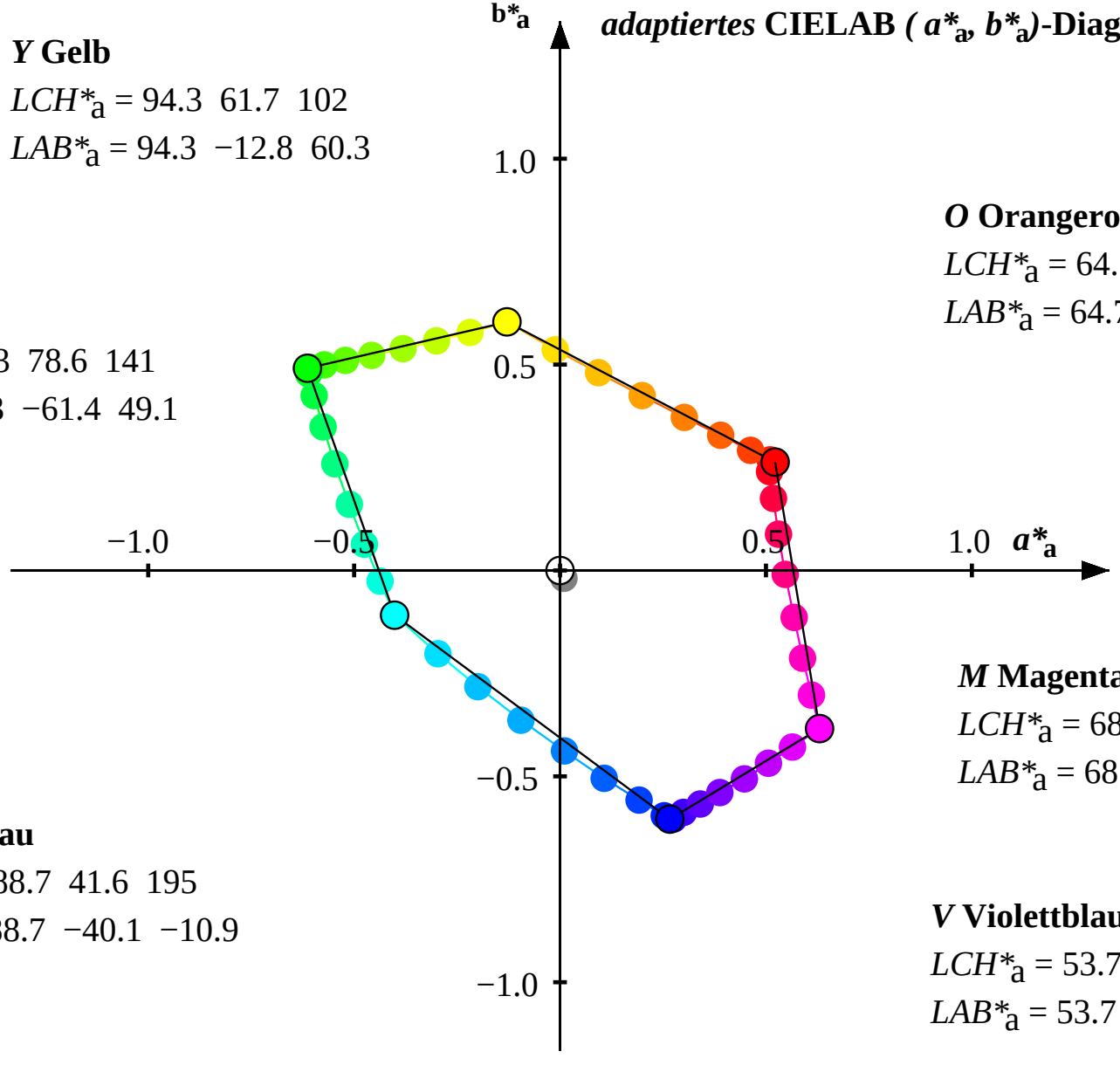
O Orangerot
*LCH**a = 64.7 58.5 27
*LAB**a = 64.7 52.2 26.3

L Laubgrün
*LCH**a = 86.3 78.6 141
*LAB**a = 86.3 −61.4 49.1

M Magentarot
*LCH**a = 68.2 73.8 329
*LAB**a = 68.2 63.0 −38.4

C Cyanblau
*LCH**a = 88.7 41.6 195
*LAB**a = 88.7 −40.1 −10.9

V Violettblau
*LCH**a = 53.7 66.0 294
*LAB**a = 53.7 26.7 −60.4



Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS70a für Helligkeit *L**=70 von Schwarz für Lichtart D65

System TLS70a
LCD-Monitor

D65-Reflexion:
Y_N = 40.32
L^*_N = 69.7

	Farbe	*r=olv*1*	*g=olv*2*	*b=olv*3*	$L^*_a=LAB^*_{1a}$	$a^*_a=LAB^*_{2a}$	$b^*_a=LAB^*_{3a}$	$C^*_{ab,a}=LAB^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	Y_a/88.59
00	o00y	1.0	0.0	0.0	71.08	39.54	17.7	43.32	24	54.3	42.31	31.62	0.4235	0.3299	0.4893
01	o13y	1.0	0.125	0.0	71.4	38.67	18.13	42.71	25	54.5	42.77	31.7	0.4226	0.3316	0.4947
02	o25y	1.0	0.25	0.0	72.8	35.37	19.97	40.61	29	55.57	44.85	32.11	0.4193	0.3384	0.5188
03	o38y	1.0	0.375	0.0	74.96	30.22	22.84	37.88	37	57.26	48.22	32.74	0.4143	0.3488	0.5577
04	o50y	1.0	0.5	0.0	77.77	23.73	26.42	35.51	48	59.57	52.82	33.67	0.4078	0.3616	0.6109
05	o63y	1.0	0.625	0.0	81.29	15.94	30.89	34.76	63	62.71	59.0	34.88	0.4005	0.3768	0.6823
06	o75y	1.0	0.75	0.0	85.23	7.56	35.75	36.54	78	66.5	66.45	36.38	0.3927	0.3925	0.7686
07	o88y	1.0	0.875	0.0	89.38	−0.94	40.79	40.8	91	70.8	74.96	38.07	0.3851	0.4078	0.867
08	y00l	1.0	1.0	0.0	94.51	−10.74	46.99	48.2	103	76.73	86.46	40.26	0.3772	0.425	1.0
09	y13l	0.875	1.0	0.0	93.06	−18.16	44.81	48.35	112	70.17	83.1	39.98	0.3631	0.43	0.9611
10	y25l	0.75	1.0	0.0	91.85	−24.68	43.03	49.61	120	64.84	80.36	39.73	0.3506	0.4346	0.9294
11	y38l	0.625	1.0	0.0	90.73	−31.12	41.4	51.8	127	59.99	77.88	39.47	0.3382	0.4392	0.9008
12	y50l	0.5	1.0	0.0	89.74	−37.01	39.98	54.48	133	55.83	75.73	39.23	0.3269	0.4434	0.8759
13	y63l	0.375	1.0	0.0	88.96	−41.82	38.9	57.12	137	52.62	74.07	39.02	0.3175	0.447	0.8567
14	y75l	0.25	1.0	0.0	88.36	−45.65	38.0	59.4	140	50.19	72.81	38.91	0.31	0.4497	0.8421
15	y88l	0.125	1.0	0.0	87.97	−48.1	37.44	60.96	142	48.67	71.99	38.82	0.3052	0.4514	0.8326
16	l00c	0.0	1.0	0.0	87.86	−48.68	37.28	61.32	143	48.3	71.78	38.8	0.304	0.4518	0.8302
17	l13c	0.0	1.0	0.125	87.89	−48.49	36.39	60.63	143	48.4	71.83	39.57	0.3029	0.4495	0.8308
18	l25c	0.0	1.0	0.25	87.95	−47.4	32.7	57.59	145	48.9	71.97	42.82	0.2988	0.4397	0.8324
19	l38c	0.0	1.0	0.375	88.12	−45.8	27.24	53.3	149	49.76	72.32	48.06	0.2925	0.4251	0.8364
20	l50c	0.0	1.0	0.5	88.36	−43.71	20.58	48.32	155	50.92	72.81	55.07	0.2848	0.4072	0.8421
21	l63c	0.0	1.0	0.625	88.66	−41.04	12.97	43.05	162	52.42	73.44	63.93	0.2762	0.387	0.8494
22	l75c	0.0	1.0	0.75	89.01	−38.23	5.23	38.6	172	54.11	74.19	73.98	0.2675	0.3668	0.8581
23	l88c	0.0	1.0	0.875	89.39	−35.35	−2.09	35.42	183	55.88	74.99	84.51	0.2595	0.3482	0.8673
24	c00v	0.0	1.0	1.0	89.81	−32.56	−9.06	33.81	196	57.76	75.9	95.58	0.2519	0.3311	0.8778
25	c13v	0.0	0.875	1.0	84.35	−23.47	−16.65	28.8	215	52.05	64.75	92.89	0.2482	0.3088	0.7488
26	c25v	0.0	0.75	1.0	79.8	−15.37	−22.96	27.64	236	47.77	56.33	90.64	0.2453	0.2893	0.6515
27	c38v	0.0	0.675	1.0	75.43	−7.1	−29.05	29.92	256	44.06	48.97	88.57	0.2426	0.2696	0.5663
28	c50v	0.0	0.5	1.0	71.42	0.77	−34.47	34.49	271	40.92	42.8	86.45	0.2405	0.2515	0.495
29	c63v	0.0	0.375	1.0	68.18	7.62	−39.11	39.85	281	38.65	38.21	85.13	0.2386	0.2359	0.442
30	c75v	0.0	0.25	1.0	65.58	13.23	−42.53	44.55	287	36.93	34.78	83.67	0.2377	0.2238	0.4022
31	c88v	0.0	0.125	1.0	63.86	17.09	−44.95	48.1	291	35.86	32.63	82.93	0.2368	0.2155	0.3774
32	v00m	0.0	0.0	1.0	63.46	17.92	−45.43	48.85	292	35.59	32.14	82.64	0.2367	0.2137	0.3717
33	v13m	0.125	0.0	1.0	63.59	18.54	−45.47	49.11	292	35.95	32.3	83.0	0.2377	0.2136	0.3736
34	v25m	0.25	0.0	1.0	64.16	20.48	−44.43	48.94	295	37.28	33.0	82.94	0.2433	0.2154	0.3817
35	v38m	0.375	0.0	1.0	65.12	23.72	−43.17	49.26	299	39.57	34.19	83.45	0.2517	0.2175	0.3955
36	v50m	0.5	0.0	1.0	66.32	27.62	−41.3	49.69	304	42.53	35.74	83.73	0.2625	0.2206	0.4133
37	v63m	0.625	0.0	1.0	67.87	32.64	−39.1	50.94	310	46.55	37.79	84.39	0.2759	0.224	0.4371
38	v75m	0.75	0.0	1.0	69.6	37.73	−36.45	52.47	316	51.14	40.18	84.83	0.2903	0.2281	0.4647
39	v88m	0.875	0.0	1.0	71.43	42.95	−33.67	54.58	322	56.25	42.82	85.37	0.305	0.2322	0.4952
40	m00o	1.0	0.0	1.0	73.62	49.05	−30.4	57.71	328	62.73	46.12	86.07	0.3218	0.2366	0.5334
41	m13o	1.0	0.0	0.875	73.03	47.26	−23.6	52.83	333	60.87	45.2	75.6	0.335	0.2488	0.5228
42	m25o	1.0	0.0	0.75	72.49	45.35	−16.31	48.2	340	59.09	44.39	65.55	0.3496	0.2626	0.5133
43	m38o	1.0	0.0	0.675	71.97	43.48	−8.53	44.31	349	57.41	43.61	55.97	0.3657	0.2778	0.5044
44	m50o	1.0	0.0	0.5	71.53	41.63	−0.7	41.64	359	55.89	42.96	47.44	0.3821	0.2937	0.4969
45	m63o	1.0	0.0	0.375	71.14	40.19	6.23	40.67	9	54.66	42.4	40.66	0.3969	0.3079	0.4904
46	m75o	1.0	0.0	0.25	70.87	39.13	12.07	40.95	17	53.79	42.0	35.55	0.4095	0.3198	0.4858
47	m88o	1.0	0.0	0.125	70.69	38.37	16.16	41.64	23	53.19	41.74	32.25	0.4182	0.3282	0.4828
48	o00y	1.0	0.0	0.0	71.08	39.54	17.7	43.32	24	54.3	42.31	31.62	0.4235	0.3299	0.4893
49	n00w	0.0	0.0	0.0	59.62	0.0	0.0	0.01	158	26.33	27.71	30.17	0.3127	0.329	0.3205
50	n13w	0.125	0.125	0.125	60.24	−0.02	0.01	0.03	169	26.98	28.39	30.91	0.3127	0.3291	0.3284
51	n25w	0.25	0.25	0.25	62.86	0.0	−0.21	0.22	269	29.86	31.41	34.37	0.3122	0.3285	0.3633
52	n38w	0.375	0.375	0.375	66.73	0.3	−0.75	0.82	291	34.56	36.27	40.13	0.3115	0.3269	0.4195
53	n50w	0.5	0.5	0.5	71.47	0.71	−1.41	1.59	297	40.98	42.88	48.02	0.3108	0.3251	0.4959
54	n63w	0.625	0.625	0.625	77.05	1.05	−1.95	2.22	298	49.43	51.61	58.28	0.3103	0.3239	0.5969
55	n75w	0.75	0.75	0.75	82.88	1.32	−2.19	2.56	301	59.42	61.94	70.09	0.3104	0.3235	0.7164
56	n88w	0.875	0.875	0.875	88.71	1.08	−1.93	2.22	299	70.41	73.56	82.69	0.3106	0.3245	0.8508
57	n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0246

n = 88.59 / (88.59 + 40.32) = 0.687

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS70a für Helligkeit *L=70 von Schwarz für Lichtart D65**

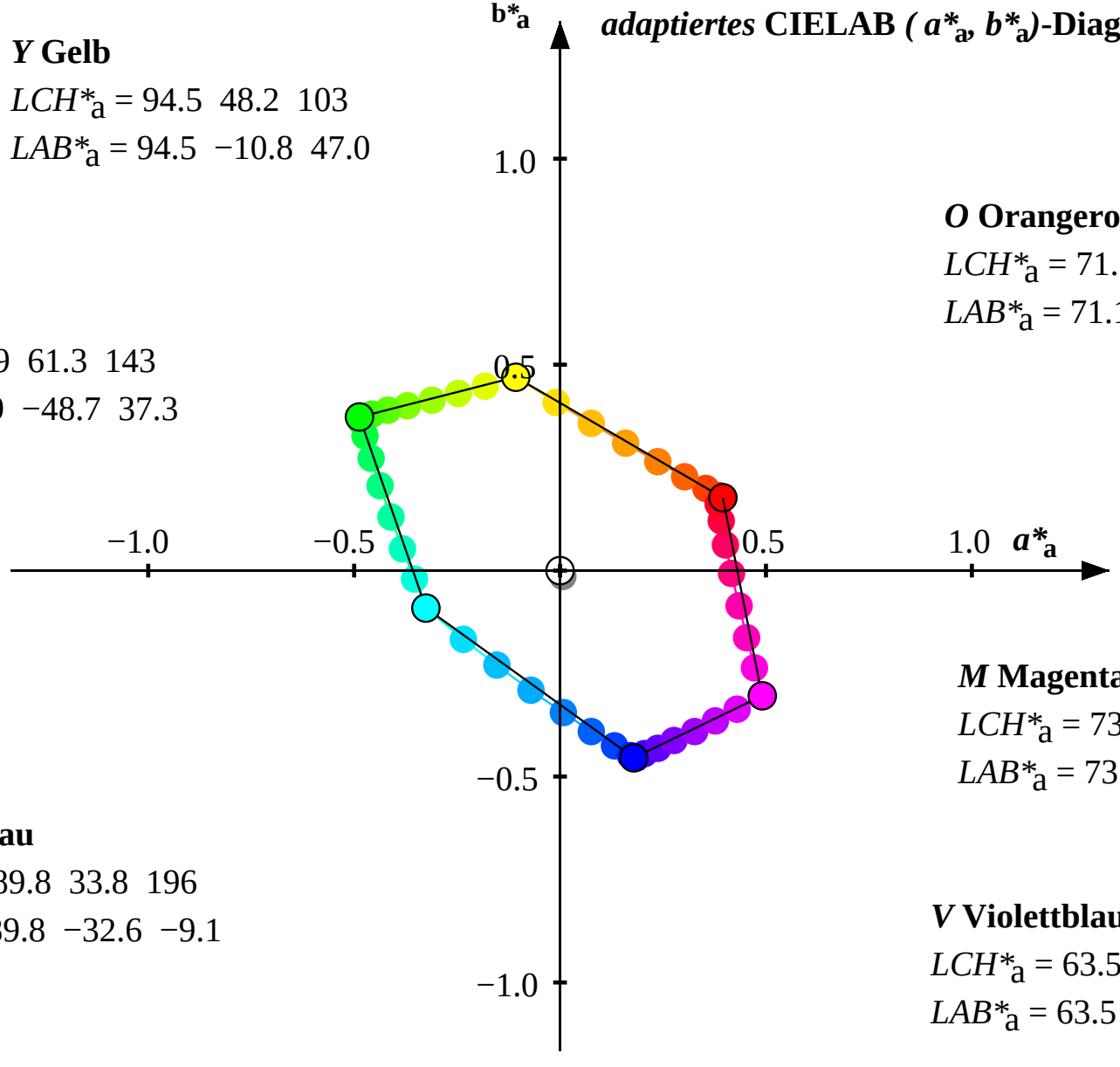
System TLS70a
LCD-Monitor

D65-Reflexion:
Y_N = 40.32
L^*_N = 69.7

***Y* Gelb**
*LCH**a = 94.5 48.2 103
*LAB**a = 94.5 −10.8 47.0

***O* Orangerot**
*LCH**a = 71.1 43.3 24
*LAB**a = 71.1 39.5 17.7

***L* Laubgrün**
*LCH**a = 87.9 61.3 143
*LAB**a = 87.9 −48.7 37.3



***M* Magentarot**
*LCH**a = 73.6 57.7 328
*LAB**a = 73.6 49.1 −30.4

***C* Cyanblau**
*LCH**a = 89.8 33.8 196
*LAB**a = 89.8 −32.6 −9.1

***V* Violettblau**
*LCH**a = 63.5 48.8 292
*LAB**a = 63.5 17.9 −45.4