

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS11 für Helligkeit $L^*_N=11$ von Schwarz

System:	Farbe	$r=olv^*_1$	$g=olv^*_2$	$b=olv^*_3$	$L^*_c=LAB^*_1c$	$a^*_c=LAB^*_2c$	$b^*_c=LAB^*_3c$	$C^*_{ab,c}=LAB^*_{rc}$	$h_{ab,c}$	$X_c=XYZ^*_1c$	$Y_c=XYZ^*_2c$	$Z_c=XYZ^*_3c$	x_c	y_c	$Y_c/88.59$
TLS11	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
Monitor:	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
LCD	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	0.2619
	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	0.2508
	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

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen
TUB-Material: Code=rh4ta

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS11 für Helligkeit $L^*_N=11$ von Schwarz

System:

TLS11

Y Gelb

Monitor:

$LCH^* = 94.1 \ 90.8 \ 100$

LCD

$LAB^* = 94.1 \ -15.8 \ 89.4$

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

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

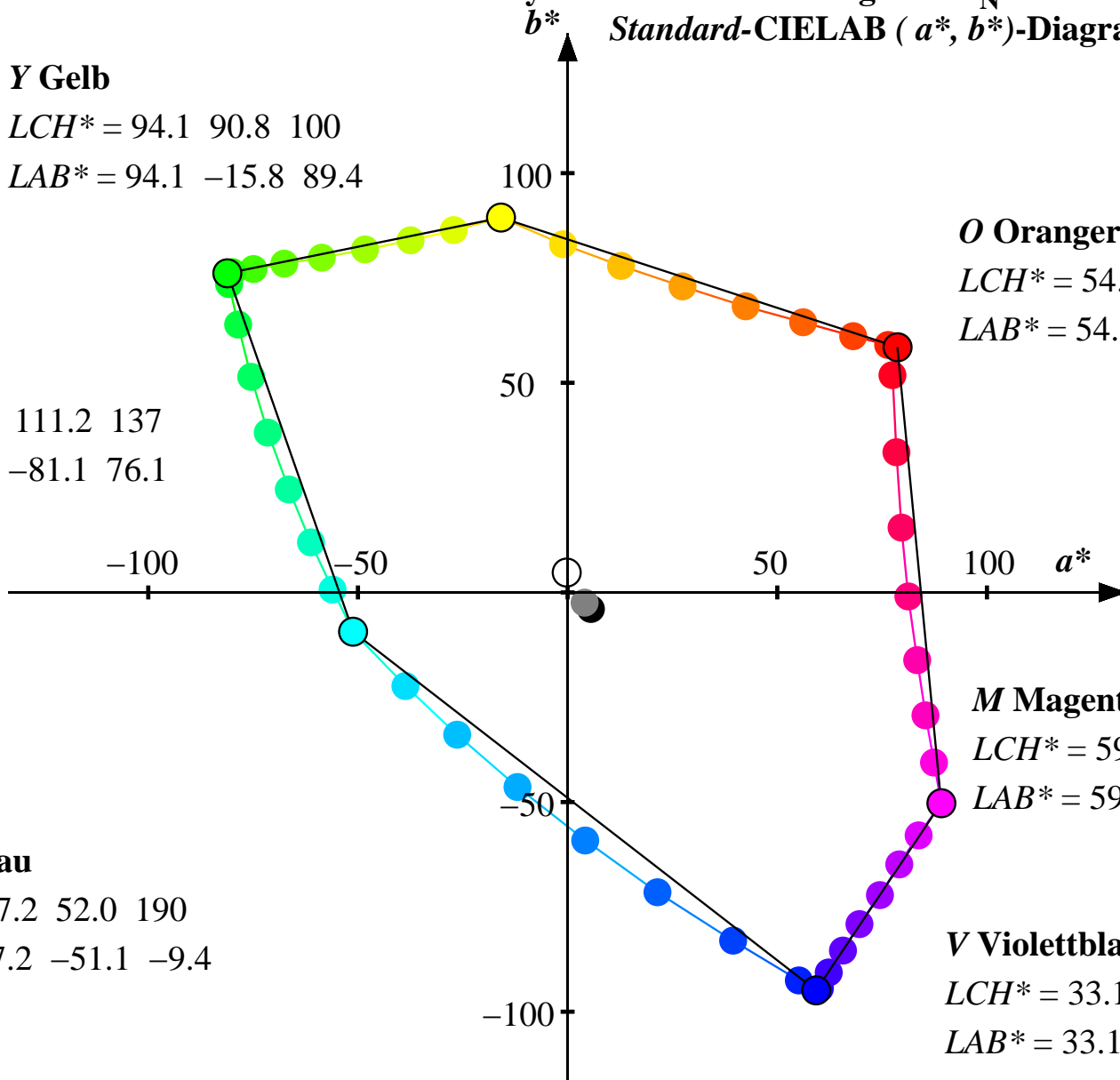
$LCH^* = 87.2 \ 52.0 \ 190$

$LAB^* = 87.2 \ -51.1 \ -9.4$

V Violettblau

$LCH^* = 33.1 \ 111.9 \ 302$

$LAB^* = 33.1 \ 59.3 \ -94.9$



Siehe Original/Kopie: <http://web.me.com/Klaus.richter/KG37/KG37LONA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS11a für Helligkeit $L^*_N=11$ von Schwarz

System:	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	$Y_a/88.59$
TLS11a	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
Monitor:	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
LCD	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	0.8217
	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	0.7966
	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

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /.PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS
 Anwendung für Messung von Drucker- oder Monitorsystemen
 TUB-Material: Code=rh4ta

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS11a für Helligkeit $L^*_N=11$ von Schwarz

System:

TLS11a

Y Gelb

Monitor:

$LCH^*_a = 94.1 \ 86.2 \ 101$

LCD

$LAB^*_a = 94.1 \ -15.7 \ 84.7$

L Laubgrün

$LCH^*_a = 84.2 \ 109.2 \ 138$

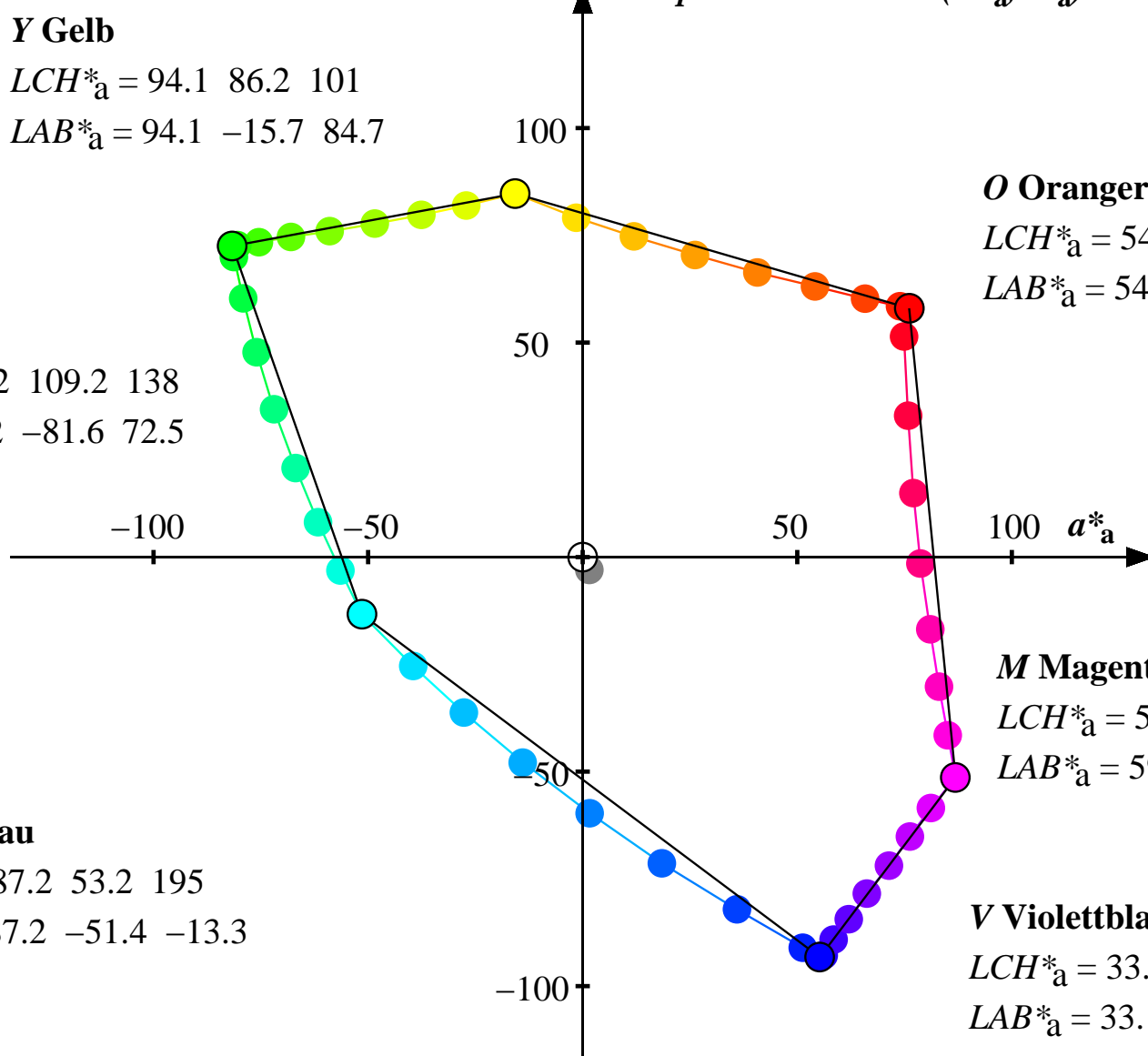
$LAB^*_a = 84.2 \ -81.6 \ 72.5$

C Cyanblau

$LCH^*_a = 87.2 \ 53.2 \ 195$

$LAB^*_a = 87.2 \ -51.4 \ -13.3$

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



O Orangerot

$LCH^*_a = 54.2 \ 95.7 \ 37$

$LAB^*_a = 54.2 \ 76.1 \ 58.0$

M Magentarot

$LCH^*_a = 59.6 \ 100.9 \ 329$

$LAB^*_a = 59.6 \ 86.9 \ -51.4$

V Violettblau

$LCH^*_a = 33.1 \ 108.4 \ 301$

$LAB^*_a = 33.1 \ 55.3 \ -93.3$

Siehe Original/Kopie: <http://web.me.com/Klaus.richter/KG37/KG37LONA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS00a für Helligkeit $L^*_N=00$ von Schwarz

System:	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	$Y_a/88.59$	
TLS00a	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	94.89	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	98.24	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	0.625	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	0.625	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	1.0	-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

KG370-7N

$n = 88.59 / (88.59 - 1.23) = 1.014$

TUB-Prüfvorlage KG37; Bunttonkreis und farbmetrische Daten input: *olv* setrgbcolor*
 Messung: LCD- und CRT-Display und LCD-Projektor output: *no change compared to input*

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /PS
 Anwendung für Messung von Drucker- oder Monitorsystemen

TUB-Material: Code=rh4ta

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS00a für Helligkeit $L^*_N=00$ von Schwarz

System:

TLS00a

Y Gelb

Monitor:

$LCH^*_a = 94.1 \ 88.7 \ 100$

LCD

$LAB^*_a = 94.1 \ -15.9 \ 87.3$

L Laubgrün

$LCH^*_a = 84.0 \ 112.3 \ 138$

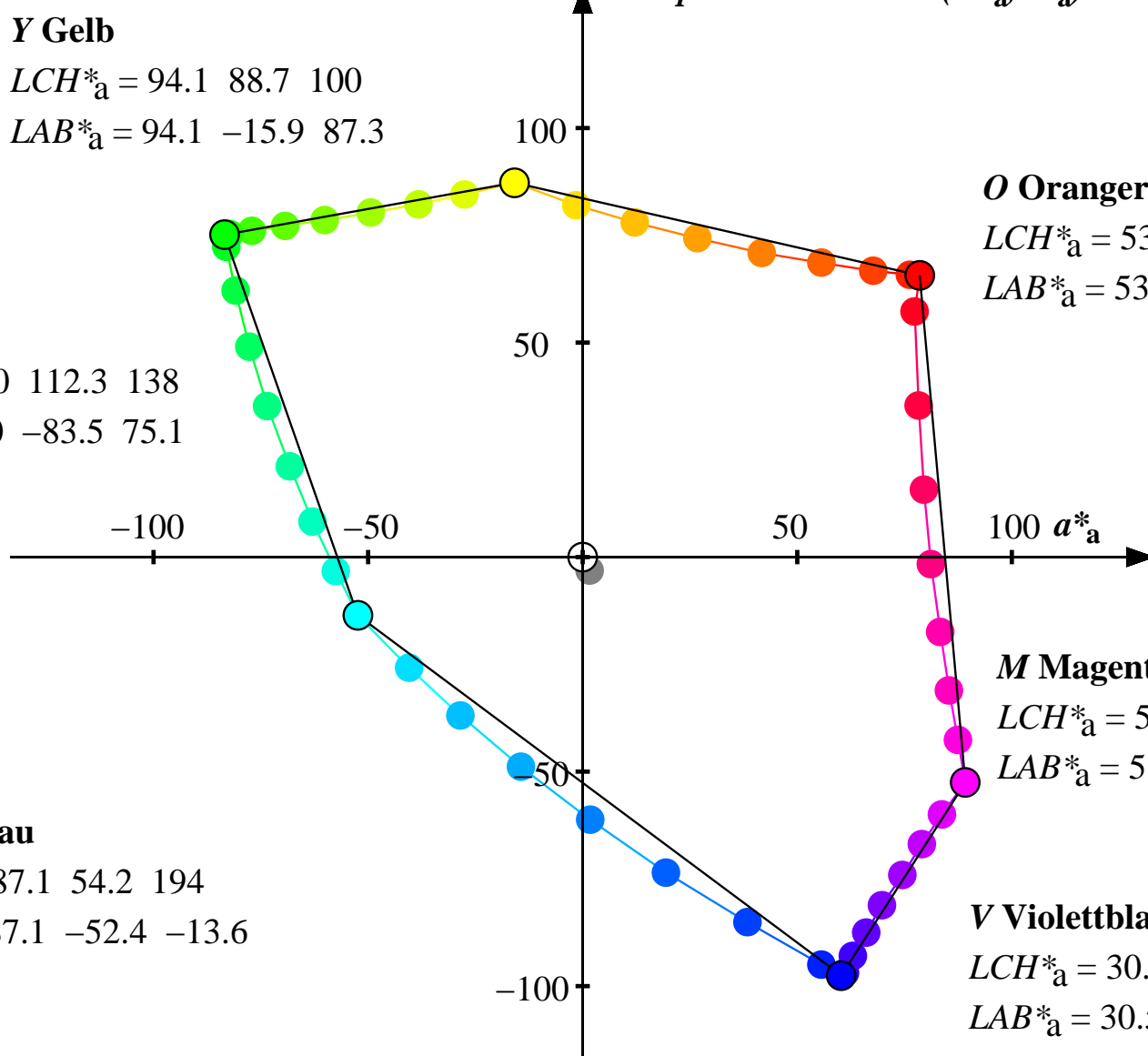
$LAB^*_a = 84.0 \ -83.5 \ 75.1$

C Cyanblau

$LCH^*_a = 87.1 \ 54.2 \ 194$

$LAB^*_a = 87.1 \ -52.4 \ -13.6$

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



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

$LCH^*_a = 30.5 \ 114.6 \ 302$

$LAB^*_a = 30.5 \ 60.3 \ -97.5$

Siehe Original/Kopie: <http://web.me.com/Klaus.richter/KG37/KG37LONA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS00a für Helligkeit $L^*_N=0.0$ von Schwarz

System:	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	$Y_a/88.59$
TLS00a	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
Monitor:	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
LCD	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
Reflexion:	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	94.89	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	98.24	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	1.0	-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

KG370-7N

$n = 88.59 / (88.59 - 1.23) = 1.014$

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /.PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS00a für Helligkeit $L^*_N=00$ von Schwarz

System:

TLS00a **Y Gelb**

Monitor: $LCH^*_a = 94.1 \ 88.7 \ 100$

LCD $LAB^*_a = 94.1 \ -15.9 \ 87.3$

Reflexion:

$Y_N = 0.0$

$L^*_N = 0.0$

L Laubgrün

$LCH^*_a = 84.0 \ 112.3 \ 138$

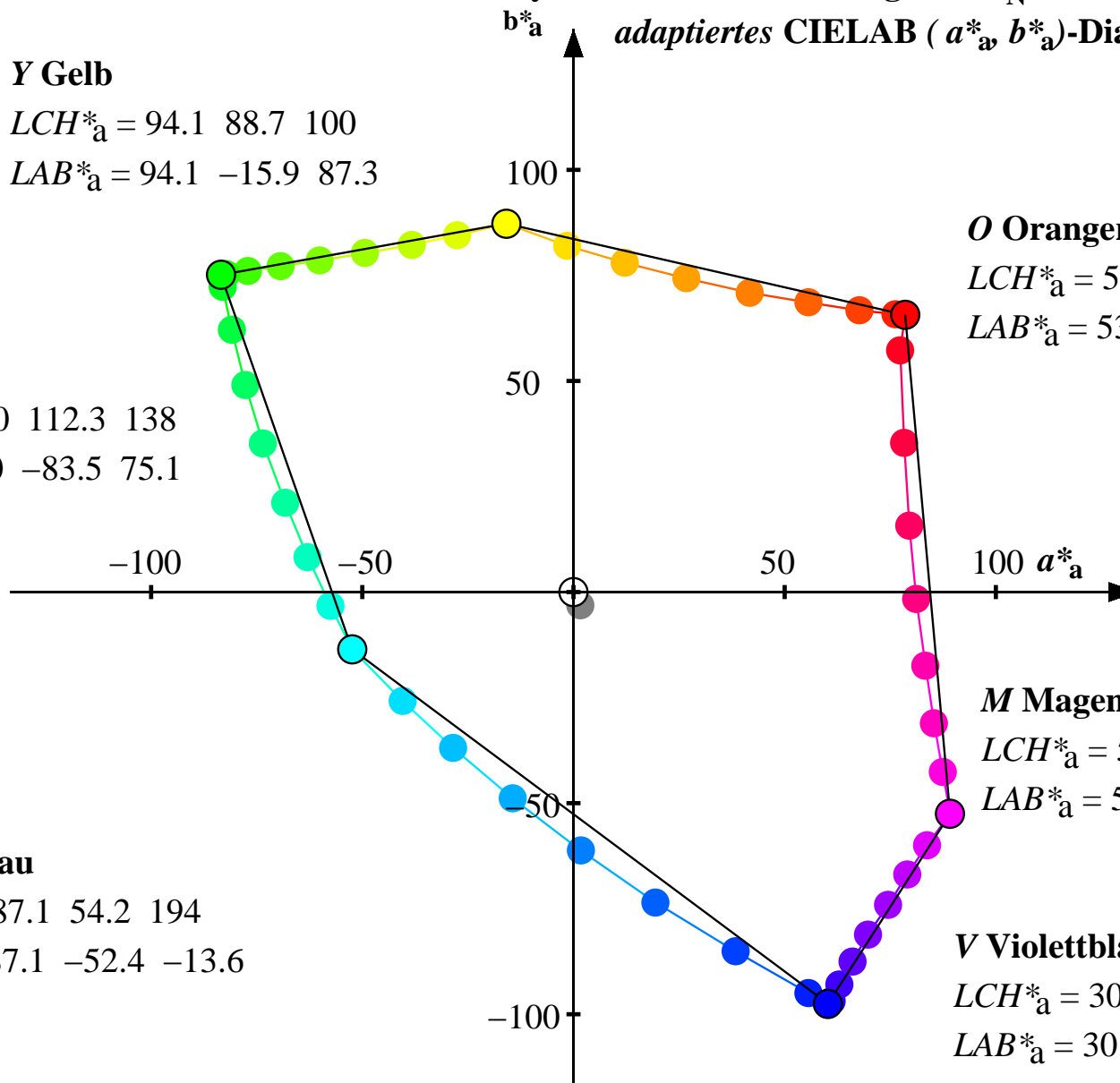
$LAB^*_a = 84.0 \ -83.5 \ 75.1$

C Cyanblau

$LCH^*_a = 87.1 \ 54.2 \ 194$

$LAB^*_a = 87.1 \ -52.4 \ -13.6$

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



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

$LCH^*_a = 30.5 \ 114.6 \ 302$

$LAB^*_a = 30.5 \ 60.3 \ -97.5$

Siehe Original/Kopie: <http://web.me.com/Klaus.richter/KG37/KG37LONA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS06a für Helligkeit $L^*_N=06$ von Schwarz

System:	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	$Y_a/88.59$
TLS06a	00 o00y	1.0	0.0	0.0	53.73	77.26	61.36	98.66	38	41.0	21.72	2.78	0.626	0.3316	0.254
Monitor:	01 o13y	1.0	0.125	0.0	54.44	75.06	61.69	97.16	39	41.29	22.39	2.9	0.6201	0.3363	0.2619
LCD	02 o25y	1.0	0.25	0.0	57.46	66.71	63.13	91.85	43	42.84	25.4	3.49	0.5972	0.3541	0.297
Reflexion:	03 o38y	1.0	0.375	0.0	61.88	54.83	65.61	85.5	50	45.28	30.26	4.41	0.5664	0.3785	0.3539
	04 o50y	1.0	0.5	0.0	67.21	41.22	68.44	79.89	59	48.62	36.92	5.75	0.5326	0.4044	0.4317
	05 o63y	1.0	0.625	0.0	73.44	26.45	72.25	76.94	70	53.15	45.83	7.49	0.4992	0.4304	0.5359
	06 o75y	1.0	0.75	0.0	79.96	12.02	76.27	77.21	81	58.63	56.61	9.65	0.4694	0.4533	0.6619
	07 o88y	1.0	0.875	0.0	86.45	-1.45	80.5	80.51	91	64.84	68.9	12.1	0.4446	0.4725	0.8057
	08 y00l	1.0	1.0	0.0	94.11	-15.81	85.95	87.39	100	73.42	85.52	15.26	0.4215	0.4909	1.0
	09 y13l	0.875	1.0	0.0	91.98	-27.32	83.18	87.56	108	63.92	80.65	14.86	0.4009	0.5058	0.9431
	10 y25l	0.75	1.0	0.0	90.18	-37.93	80.95	89.4	115	56.23	76.7	14.5	0.3814	0.5203	0.8969
	11 y38l	0.625	1.0	0.0	88.51	-48.92	78.92	92.86	122	49.22	73.12	14.13	0.3607	0.5358	0.8551
	12 y50l	0.5	1.0	0.0	87.0	-59.51	77.17	97.46	128	43.21	70.01	13.78	0.3402	0.5513	0.8187
	13 y63l	0.375	1.0	0.0	85.81	-68.64	75.87	102.32	132	38.58	67.62	13.47	0.3224	0.565	0.7907
	14 y75l	0.25	1.0	0.0	84.89	-76.23	74.68	106.72	136	35.07	65.79	13.32	0.3071	0.5762	0.7694
	15 y88l	0.125	1.0	0.0	84.28	-81.29	73.97	109.91	138	32.87	64.61	13.18	0.297	0.5839	0.7555
	16 l00c	0.0	1.0	0.0	84.13	-82.53	73.76	110.7	138	32.33	64.31	13.15	0.2945	0.5857	0.752
	17 l13c	0.0	1.0	0.125	84.16	-82.13	71.11	108.65	139	32.48	64.37	14.27	0.2923	0.5793	0.7528
	18 l25c	0.0	1.0	0.25	84.27	-80.0	61.19	100.73	143	33.21	64.58	18.96	0.2844	0.5531	0.7551
	19 l38c	0.0	1.0	0.375	84.53	-76.81	48.39	90.79	148	34.44	65.08	26.54	0.2732	0.5163	0.7611
	20 l50c	0.0	1.0	0.5	84.89	-72.7	34.81	80.61	154	36.12	65.79	36.66	0.2606	0.4748	0.7694
	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	-62.26	8.16	62.81	173	40.72	67.79	63.99	0.2361	0.393	0.7927
	23 l88c	0.0	1.0	0.875	86.47	-56.96	-3.18	57.06	183	43.29	68.93	73.19	0.2262	0.3601	0.8061
	24 c00v	0.0	1.0	1.0	87.12	-51.91	-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	-39.97	-25.58	47.47	213	37.75	54.14	91.3	0.2061	0.2955	0.6331
	26 c25v	0.0	0.75	1.0	70.86	-28.09	-36.57	46.12	232	31.57	41.98	88.05	0.1954	0.2598	0.4909
	27 c38v	0.0	0.675	1.0	62.8	-14.16	-48.34	50.38	254	26.21	31.34	85.07	0.1838	0.2198	0.3665
	28 c50v	0.0	0.5	1.0	54.48	1.71	-60.44	60.47	272	21.68	22.43	82.0	0.1719	0.1779	0.2623
	29 c63v	0.0	0.375	1.0	46.72	18.89	-72.39	74.83	285	18.4	15.81	80.1	0.161	0.1383	0.1849
	30 c75v	0.0	0.25	1.0	39.32	37.08	-83.56	91.42	294	15.9	10.84	77.98	0.1518	0.1035	0.1268
	31 c88v	0.0	0.125	1.0	33.43	53.28	-92.89	107.1	300	14.36	7.74	76.91	0.1451	0.0781	0.0905
	32 v00m	0.0	0.0	1.0	31.87	57.58	-95.25	111.31	301	13.97	7.03	76.49	0.1433	0.0721	0.0822
	33 v13m	0.125	0.0	1.0	32.4	58.49	-94.74	111.35	302	14.49	7.26	77.02	0.1467	0.0735	0.0849
	34 v25m	0.25	0.0	1.0	34.55	60.54	-90.96	109.27	304	16.41	8.28	76.92	0.1615	0.0815	0.0968
	35 v38m	0.375	0.0	1.0	37.84	63.94	-85.86	107.06	307	19.72	10.0	77.67	0.1836	0.0931	0.1169
	36 v50m	0.5	0.0	1.0	41.58	67.85	-79.73	104.7	310	24.0	12.23	78.07	0.21	0.107	0.143
	37 v63m	0.625	0.0	1.0	45.91	72.88	-72.99	103.15	315	29.81	15.2	79.02	0.2403	0.1226	0.1777
	38 v75m	0.75	0.0	1.0	50.27	77.58	-65.95	101.83	320	36.44	18.64	79.66	0.2704	0.1384	0.218
	39 v88m	0.875	0.0	1.0	54.51	82.35	-59.22	101.44	324	43.82	22.46	80.44	0.2987	0.1531	0.2627
	40 m00o	1.0	0.0	1.0	59.18	87.99	-51.93	102.17	329	53.19	27.22	81.46	0.3286	0.1682	0.3183
	41 m13o	1.0	0.0	0.875	57.95	86.23	-42.04	95.93	334	50.5	25.91	66.33	0.3538	0.1815	0.3029
	42 m25o	1.0	0.0	0.75	56.81	84.16	-30.6	89.56	340	47.93	24.72	51.81	0.3851	0.1987	0.2891
	43 m38o	1.0	0.0	0.675	55.69	82.1	-17.14	83.87	348	45.49	23.61	37.96	0.4249	0.2205	0.2761
	44 m50o	1.0	0.0	0.5	54.72	79.89	-1.55	79.91	359	43.3	22.66	25.63	0.4727	0.2474	0.265
	45 m63o	1.0	0.0	0.375	53.87	78.24	15.28	79.72	11	41.53	21.85	15.84	0.5242	0.2759	0.2555
	46 m75o	1.0	0.0	0.25	53.25	77.01	34.08	84.21	24	40.26	21.28	8.45	0.5752	0.304	0.2488
	47 m88o	1.0	0.0	0.125	52.85	76.08	54.01	93.3	35	39.4	20.91	3.69	0.6157	0.3267	0.2445
	48 o00y	1.0	0.0	0.0	53.73	77.26	61.36	98.66	38	41.0	21.72	2.78	0.626	0.3316	0.254
	49 n00w	0.0	0.0	0.0	5.69	0.0	0.0	0.01	289	0.6	0.63	0.69	0.3127	0.329	0.0074
	50 n13w	0.125	0.125	0.125	13.35	-0.29	0.06	0.31	169	1.53	1.62	1.76	0.3116	0.3302	0.0189
	51 n25w	0.25	0.25	0.25	29.37	0.0	-0.92	0.25	269	5.69	5.98	6.75	0.3087	0.3249	0.07
	52 n38w	0.375	0.375	0.375	42.77	0.85	-2.14	2.31	292	12.48	13.0	15.08	0.3077	0.3206	0.1521
	53 n50w	0.5	0.5	0.5	54.6	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	41.3	0.3076	0.3184	0.4112
	55 n75w	0.75	0.75	0.75	76.12	2.19	-3.62	4.24	301	48.4	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

KG370-7N

$n = 88.59 / (88.59 - 1.23) = 1.014$

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS06a für Helligkeit $L^*_N=06$ von Schwarz

System:

TLS06a **Y Gelb**

Monitor: $LCH^*_a = 94.1 \ 87.4 \ 100$

LCD $LAB^*_a = 94.1 \ -15.8 \ 86.0$

Reflexion:

$Y_N = 0.63$

$L^*_N = 5.69$

L Laubgrün

$LCH^*_a = 84.1 \ 110.7 \ 138$

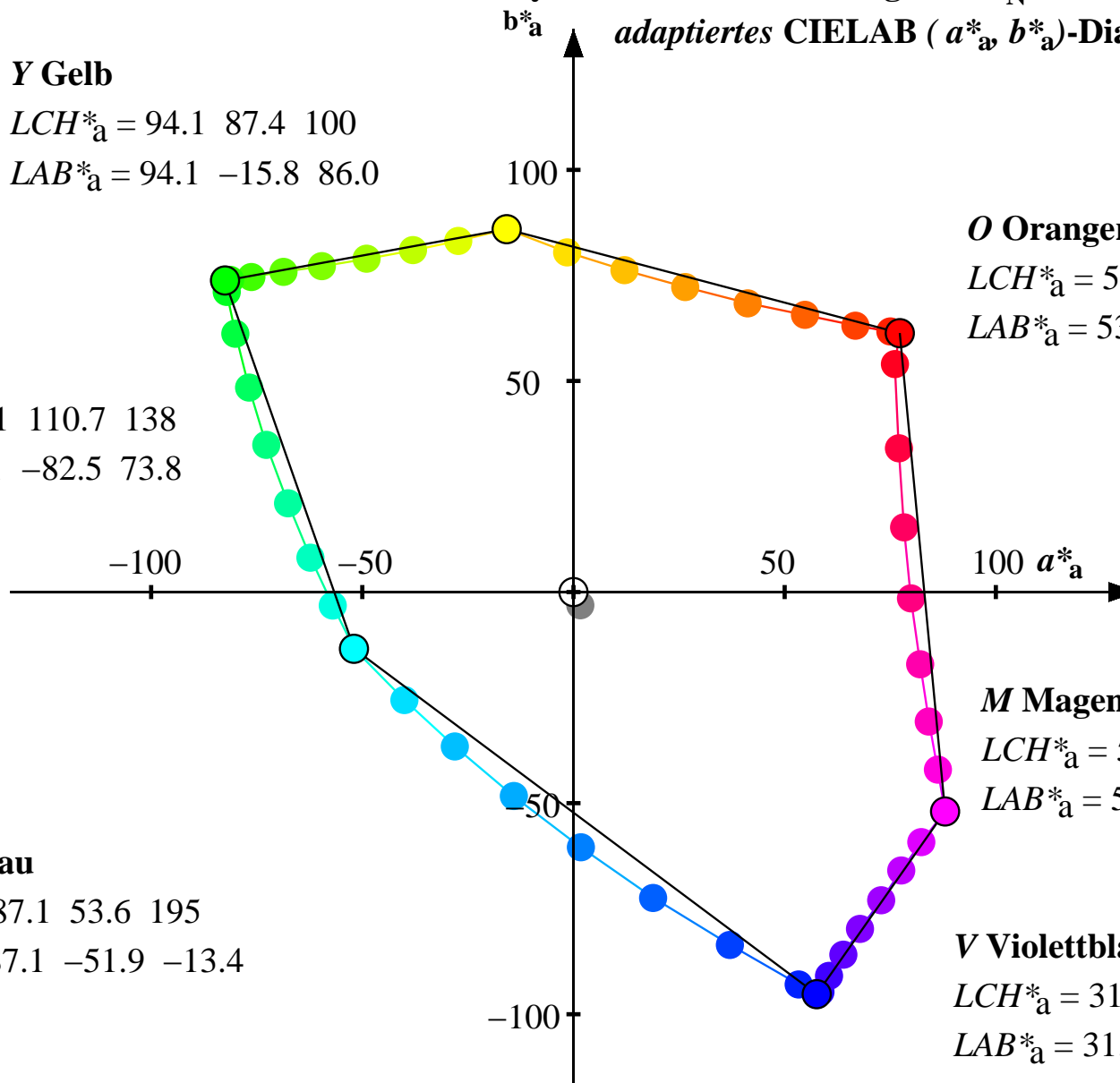
$LAB^*_a = 84.1 \ -82.5 \ 73.8$

C Cyanblau

$LCH^*_a = 87.1 \ 53.6 \ 195$

$LAB^*_a = 87.1 \ -51.9 \ -13.4$

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



O Orangerot

$LCH^*_a = 53.7 \ 98.7 \ 38$

$LAB^*_a = 53.7 \ 77.3 \ 61.4$

M Magentarot

$LCH^*_a = 59.2 \ 102.2 \ 329$

$LAB^*_a = 59.2 \ 88.0 \ -51.9$

V Violettblau

$LCH^*_a = 31.9 \ 111.3 \ 301$

$LAB^*_a = 31.9 \ 57.6 \ -95.3$

Siehe Original/Kopie: <http://web.me.com/Klaus.richter/KG37/KG37LONA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS11a für Helligkeit $L^*_N=11$ von Schwarz

System:	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	$Y_a/88.59$
TLS11a	00 o00y	1.0	0.0	0.0	54.24	76.01	57.83	95.51	37	41.31	22.2	3.45	0.617	0.3315	0.2595
	01 o13y	1.0	0.125	0.0	54.94	73.87	58.26	94.08	38	41.6	22.87	3.57	0.6114	0.3361	0.2673
	02 o25y	1.0	0.25	0.0	57.9	65.73	60.07	89.04	42	43.13	25.85	4.16	0.5897	0.3535	0.3022
	03 o38y	1.0	0.375	0.0	62.24	54.09	62.96	83.0	49	45.56	30.68	5.07	0.5604	0.3773	0.3587
Monitor:	04 o50y	1.0	0.5	0.0	67.49	40.72	66.19	77.71	58	48.88	37.29	6.4	0.528	0.4028	0.4359
LCD	05 o63y	1.0	0.625	0.0	73.64	26.16	70.33	75.04	70	53.38	46.14	8.13	0.4959	0.4286	0.5394
	06 o75y	1.0	0.75	0.0	80.09	11.9	74.61	75.56	81	58.81	56.84	10.27	0.467	0.4514	0.6644
	07 o88y	1.0	0.875	0.0	86.52	-1.44	79.04	79.06	91	64.97	69.04	12.7	0.4429	0.4706	0.8071
Reflexion:	08 y00l	1.0	1.0	0.0	94.11	-15.69	84.66	86.11	101	73.49	85.54	15.84	0.4203	0.4892	1.0
	09 y13l	0.875	1.0	0.0	92.0	-27.1	81.9	86.27	108	64.07	80.71	15.45	0.3999	0.5037	0.9436
	10 y25l	0.75	1.0	0.0	90.22	-37.6	79.65	88.09	115	56.43	76.79	15.09	0.3805	0.5178	0.8977
	11 y38l	0.625	1.0	0.0	88.56	-48.47	77.63	91.52	122	49.47	73.23	14.78	0.36	0.5329	0.8561
	12 y50l	0.5	1.0	0.0	87.07	-58.93	75.86	96.07	128	43.5	70.15	14.32	0.3398	0.5479	0.8201
	13 y63l	0.375	1.0	0.0	85.89	-67.92	74.56	100.87	132	38.9	67.77	14.07	0.3222	0.5613	0.7922
	14 y75l	0.25	1.0	0.0	84.97	-75.4	73.36	105.21	136	35.42	65.96	13.91	0.3072	0.5721	0.7711
	15 y88l	0.125	1.0	0.0	84.37	-80.37	72.65	108.35	138	33.23	64.78	13.78	0.2973	0.5795	0.7573
	16 l00c	0.0	1.0	0.0	84.22	-81.59	72.44	109.12	138	32.7	64.48	13.75	0.2948	0.5813	0.7538
	17 l13c	0.0	1.0	0.125	84.25	-81.2	69.88	107.14	139	32.85	64.55	14.86	0.2927	0.575	0.7546
	18 l25c	0.0	1.0	0.25	84.35	-79.1	60.26	99.45	143	33.57	64.75	19.52	0.2849	0.5495	0.757
	19 l38c	0.0	1.0	0.375	84.61	-75.96	47.76	89.74	148	34.8	65.25	27.04	0.2738	0.5134	0.7628
	20 l50c	0.0	1.0	0.5	84.97	-71.91	34.41	79.73	154	36.46	65.96	37.09	0.2614	0.4728	0.7711
	21 l63c	0.0	1.0	0.625	85.43	-66.85	20.79	70.02	163	38.62	66.86	49.8	0.2487	0.4306	0.7817
	22 l75c	0.0	1.0	0.75	85.97	-61.63	8.09	62.17	173	41.03	67.93	64.22	0.2369	0.3923	0.7942
	23 l88c	0.0	1.0	0.875	86.54	-56.4	-3.15	56.5	183	43.59	69.07	79.31	0.227	0.3598	0.8075
	24 c00v	0.0	1.0	1.0	87.18	-51.41	-13.33	53.13	195	46.27	70.38	95.2	0.2184	0.3322	0.8228
	25 c13v	0.0	0.875	1.0	78.69	-39.52	-25.36	46.97	213	38.08	54.39	91.34	0.2072	0.2959	0.6358
	26 c25v	0.0	0.75	1.0	71.09	-27.71	-36.21	45.61	233	31.95	42.32	88.11	0.1968	0.2606	0.4947
	27 c38v	0.0	0.675	1.0	63.14	-13.93	-47.81	49.81	254	26.63	31.75	85.15	0.1855	0.2212	0.3712
	28 c50v	0.0	0.5	1.0	54.97	1.67	-59.66	59.7	272	22.12	22.9	82.1	0.174	0.1801	0.2677
	29 c63v	0.0	0.375	1.0	47.4	18.4	-71.31	73.65	284	18.87	16.33	80.21	0.1635	0.1415	0.1909
	30 c75v	0.0	0.25	1.0	40.25	35.86	-82.05	89.56	294	16.39	11.4	78.11	0.1548	0.1077	0.1333
	31 c88v	0.0	0.125	1.0	34.63	51.15	-90.92	104.33	299	14.86	8.32	77.05	0.1483	0.083	0.0972
	32 v00m	0.0	0.0	1.0	33.16	55.14	-93.14	108.25	301	14.48	7.61	76.63	0.1467	0.0771	0.089
	33 v13m	0.125	0.0	1.0	33.66	56.09	-92.68	108.34	301	14.99	7.85	77.16	0.1499	0.0785	0.0917
	34 v25m	0.25	0.0	1.0	35.7	58.32	-89.09	106.49	303	16.9	8.85	77.06	0.1644	0.0861	0.1035
	35 v38m	0.375	0.0	1.0	38.83	61.96	-84.26	104.59	306	20.18	10.56	77.8	0.1859	0.0973	0.1235
	36 v50m	0.5	0.0	1.0	42.42	66.08	-78.37	102.52	310	24.43	12.77	78.2	0.2117	0.1107	0.1493
	37 v63m	0.625	0.0	1.0	46.61	71.31	-71.86	101.25	315	30.2	15.73	79.14	0.2415	0.1257	0.1838
	38 v75m	0.75	0.0	1.0	50.86	76.18	-65.03	100.17	320	36.78	19.15	79.78	0.271	0.1411	0.2238
	39 v88m	0.875	0.0	1.0	55.01	81.08	-58.45	99.96	324	44.11	22.93	80.55	0.2989	0.1554	0.2681
	40 m00o	1.0	0.0	1.0	59.58	86.82	-51.32	100.86	329	53.41	27.66	81.56	0.3284	0.1701	0.3234
	41 m13o	1.0	0.0	0.875	58.37	85.04	-41.49	94.63	334	50.74	26.36	66.54	0.3532	0.1835	0.3081
	42 m25o	1.0	0.0	0.75	57.25	82.96	-30.15	88.27	340	48.19	25.18	52.13	0.384	0.2007	0.2944
	43 m38o	1.0	0.0	0.675	56.16	80.88	-16.85	82.61	348	45.77	24.07	38.37	0.4229	0.2225	0.2815
	44 m50o	1.0	0.0	0.5	55.21	78.66	-1.51	78.67	359	43.59	23.14	26.14	0.4694	0.2491	0.2705
	45 m63o	1.0	0.0	0.375	54.38	76.99	14.89	78.42	11	41.83	22.33	16.42	0.5191	0.2771	0.2611
	46 m75o	1.0	0.0	0.25	53.77	75.75	32.91	82.58	23	40.58	21.76	9.08	0.5681	0.3047	0.2544
	47 m88o	1.0	0.0	0.125	53.38	74.81	51.24	90.68	34	39.73	21.39	4.35	0.6068	0.3268	0.2501
	48 o00y	1.0	0.0	0.0	54.24	76.01	57.83	95.51	37	41.31	22.2	3.45	0.617	0.3315	0.2595
	49 n00w	0.0	0.0	0.0	10.99	0.0	0.0	0.01	0	1.2	1.26	1.37	0.3127	0.329	0.0147
	50 n13w	0.125	0.125	0.125	16.71	-0.23	0.05	0.25	169	2.12	2.24	2.44	0.3119	0.3299	0.0262
	51 n25w	0.25	0.25	0.25	30.82	0.0	-0.86	0.87	269	6.25	6.57	7.39	0.3091	0.3253	0.0769
	52 n38w	0.375	0.375	0.375	43.57	0.82	-2.07	2.23	292	13.0	13.55	15.66	0.308	0.3209	0.1584
	53 n50w	0.5	0.5	0.5	55.09	1.55	-3.03	3.41	297	22.21	23.02	26.97	0.3076	0.3188	0.2691
	54 n63w	0.625	0.625	0.625	66.17	1.92	-3.55	4.05	298	34.33	35.54	41.69	0.3077	0.3186	0.4155
	55 n75w	0.75	0.75	0.75	76.29	2.16	-3.58	4.19	301	48.65	50.36	58.63	0.3086	0.3195	0.8888
	56 n88w	0.875	0.875	0.875	85.52	1.65	-2.93	3.37	299	64.43	67.03	76.72	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

KG370-7N

$n = 88.59 / (88.59 - 1.23) = 1.014$

TUB-Prüfvorlage KG37; Bunttonkreis und farbmetrische Daten input: *olv* setrgbcolor*
 Messung: LCD- und CRT-Display und LCD-Projektor output: *no change compared to input*

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /.PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS
 Anwendung für Messung von Drucker- oder Monitorsystemen

TUB-Material: Code=rh4ta

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS11a für Helligkeit $L^*_N=11$ von Schwarz

System:

TLS11a

Y Gelb

Monitor:

$LCH^*_a = 94.1 \ 86.1 \ 101$

LCD

$LAB^*_a = 94.1 \ -15.7 \ 84.7$

Reflexion:

$Y_N = 1.26$

$L^*_N = 11.0$

L Laubgrün

$LCH^*_a = 84.2 \ 109.1 \ 138$

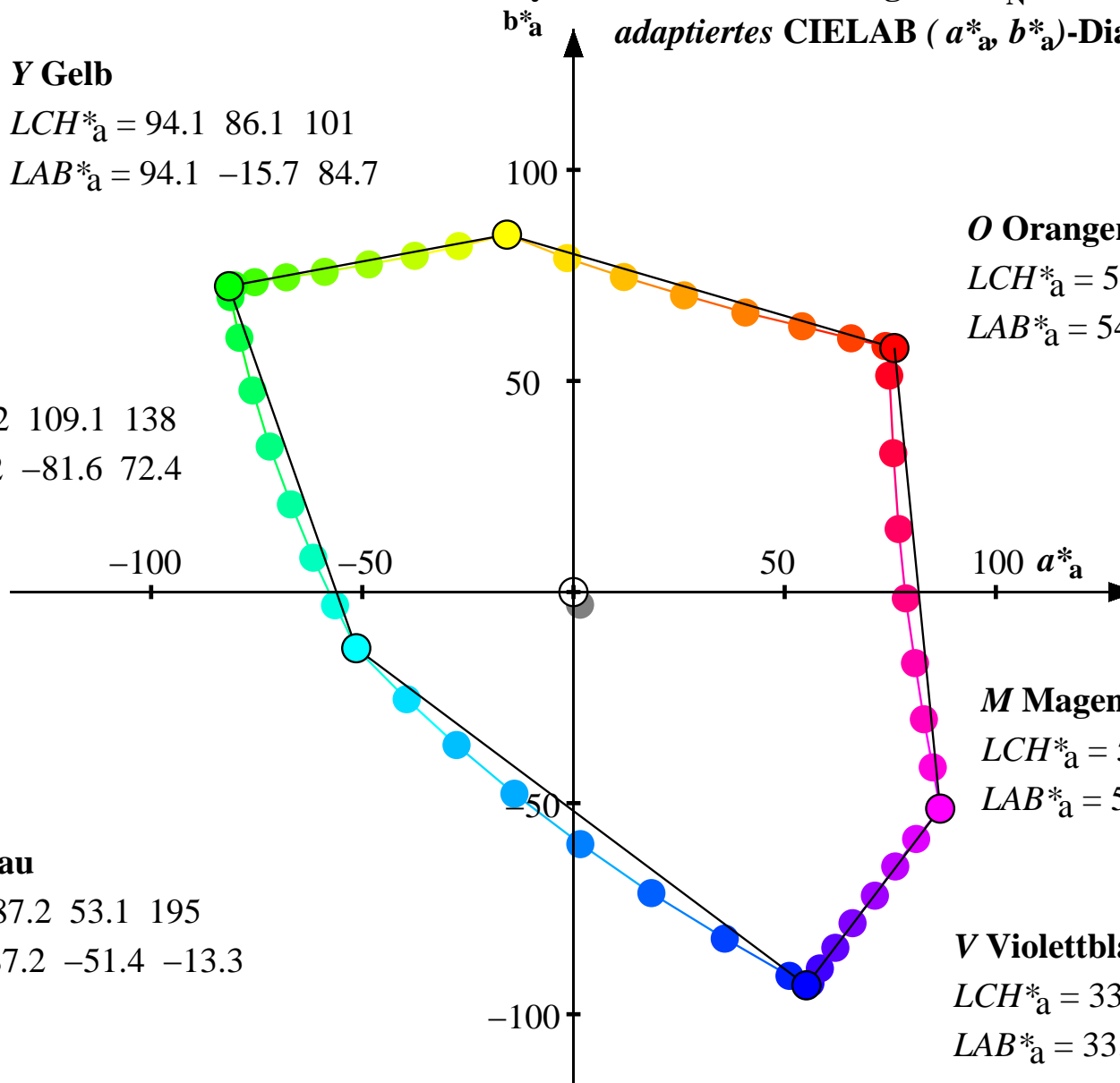
$LAB^*_a = 84.2 \ -81.6 \ 72.4$

C Cyanblau

$LCH^*_a = 87.2 \ 53.1 \ 195$

$LAB^*_a = 87.2 \ -51.4 \ -13.3$

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



TUB-Registrierung: 20100601-KG37/KG37L0NA.TXT /.PS
 Anwendung für Messung von Drucker- oder Monitorsystemen

TUB-Material: Code=rh4ta

Siehe Original/Kopie: <http://web.me.com/Klaus.richter/KG37/KG37L0NA.TXT> /.PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

KG370-7N

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS18a für Helligkeit $L^*_N=18$ von Schwarz

System:	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	$Y_a/88.59$	
TLS18a	00 o00y	1.0	0.0	0.0	55.23	73.6	52.22	90.24	35	41.93	23.16	4.79	0.6001	0.3314	0.2706
	01 o13y	1.0	0.125	0.0	55.9	71.56	52.76	88.91	36	42.21	23.82	4.91	0.595	0.3357	0.2783
	02 o25y	1.0	0.25	0.0	58.75	63.8	55.0	84.24	41	43.73	26.76	5.49	0.5756	0.3522	0.3126
	03 o38y	1.0	0.375	0.0	62.94	52.65	58.41	78.63	48	46.12	31.52	6.38	0.5489	0.3751	0.3683
Monitor:	04 o50y	1.0	0.5	0.0	68.04	39.74	62.19	73.81	57	49.39	38.03	7.7	0.5193	0.3998	0.4443
LCD	05 o63y	1.0	0.625	0.0	74.03	25.6	66.82	71.56	69	53.82	46.75	9.4	0.4894	0.4251	0.5463
	06 o75y	1.0	0.75	0.0	80.34	11.68	71.52	72.47	81	59.17	57.29	11.52	0.4624	0.4477	0.6695
	07 o88y	1.0	0.875	0.0	86.66	-1.41	76.28	76.29	91	65.25	69.32	13.91	0.4395	0.4669	0.81
Reflexion:	08 y00l	1.0	1.0	0.0	94.13	-15.45	82.18	83.62	101	73.65	85.58	17.0	0.4179	0.4856	1.0
	09 y13l	0.875	1.0	0.0	92.05	-26.66	79.42	83.77	109	64.36	80.82	16.62	0.3978	0.4995	0.9444
	10 y25l	0.75	1.0	0.0	90.3	-36.95	77.17	85.56	116	56.83	76.96	16.26	0.3787	0.5129	0.8992
	11 y38l	0.625	1.0	0.0	88.66	-47.57	75.14	88.94	122	49.97	73.45	15.9	0.3587	0.5272	0.8588
	12 y50l	0.5	1.0	0.0	87.2	-57.76	73.37	93.38	128	44.09	70.41	15.56	0.339	0.5414	0.8228
	13 y63l	0.375	1.0	0.0	86.04	-66.5	72.05	98.06	133	39.56	68.07	15.26	0.3219	0.5539	0.7953
	14 y75l	0.25	1.0	0.0	85.14	-73.75	70.85	102.28	136	36.13	66.28	15.1	0.3074	0.5641	0.7745
	15 y88l	0.125	1.0	0.0	84.55	-78.55	70.13	105.32	138	33.97	65.13	14.97	0.2978	0.571	0.761
	16 l00c	0.0	1.0	0.0	84.4	-79.73	69.93	106.06	139	33.44	64.83	14.94	0.2954	0.5726	0.7575
	17 l13c	0.0	1.0	0.125	84.43	-79.35	67.54	104.21	140	33.59	64.89	16.03	0.2933	0.5667	0.7583
	18 l25c	0.0	1.0	0.25	84.53	-77.32	58.47	96.94	143	34.3	65.09	20.63	0.2858	0.5423	0.7606
	19 l38c	0.0	1.0	0.375	84.79	-74.28	46.53	87.66	148	35.51	65.59	28.04	0.275	0.5079	0.7664
	20 l50c	0.0	1.0	0.5	85.14	-70.36	33.63	77.99	154	37.15	66.28	37.95	0.2628	0.4688	0.7745
	21 l63c	0.0	1.0	0.625	85.59	-65.45	20.37	68.55	163	39.28	67.17	50.47	0.2503	0.4281	0.7849
	22 l75c	0.0	1.0	0.75	86.12	-60.37	7.94	60.9	173	41.66	68.23	64.68	0.2386	0.3909	0.7973
	23 l88c	0.0	1.0	0.875	86.68	-55.28	-3.1	55.37	183	44.17	69.36	79.56	0.2288	0.3592	0.8104
	24 c00v	0.0	1.0	1.0	87.31	-50.42	-13.13	52.11	195	46.82	70.64	95.22	0.2201	0.3322	0.8255
	25 c13v	0.0	0.875	1.0	78.97	-38.61	-24.92	45.97	213	38.74	54.88	91.41	0.2094	0.2966	0.6413
	26 c25v	0.0	0.75	1.0	71.54	-26.96	-35.51	44.6	233	32.7	42.98	88.23	0.1995	0.2622	0.5022
	27 c38v	0.0	0.675	1.0	63.81	-13.47	-46.76	48.68	254	27.46	32.57	85.31	0.1889	0.2241	0.3806
	28 c50v	0.0	0.5	1.0	55.94	1.6	-58.15	58.18	272	23.02	23.85	82.31	0.1782	0.1846	0.2787
	29 c63v	0.0	0.375	1.0	48.73	17.48	-69.2	71.39	284	19.81	17.37	80.45	0.1684	0.1477	0.203
	30 c75v	0.0	0.25	1.0	42.02	33.64	-79.19	86.05	293	17.37	12.51	78.37	0.1604	0.1156	0.1462
	31 c88v	0.0	0.125	1.0	36.88	47.37	-87.26	99.3	298	15.86	9.47	77.33	0.1545	0.0923	0.1107
	32 v00m	0.0	0.0	1.0	35.56	50.86	-89.23	102.71	300	15.48	8.78	76.92	0.153	0.0868	0.1026
	33 v13m	0.125	0.0	1.0	36.0	51.85	-88.85	102.88	300	15.99	9.01	77.43	0.1561	0.088	0.1053
	34 v25m	0.25	0.0	1.0	37.85	54.34	-85.6	101.4	302	17.87	10.0	77.34	0.1698	0.0951	0.1169
	35 v38m	0.375	0.0	1.0	40.72	58.32	-81.22	100.0	306	21.11	11.69	78.07	0.1904	0.1054	0.1366
	36 v50m	0.5	0.0	1.0	44.04	62.79	-75.77	98.42	310	25.29	13.87	78.46	0.215	0.1179	0.162
	37 v63m	0.625	0.0	1.0	47.98	68.34	-69.7	97.62	314	30.98	16.78	79.39	0.2436	0.1319	0.196
	38 v75m	0.75	0.0	1.0	52.0	73.48	-63.23	96.95	319	37.46	20.15	80.02	0.2722	0.1464	0.2354
	39 v88m	0.875	0.0	1.0	55.97	78.6	-56.96	97.08	324	44.69	23.88	80.78	0.2992	0.1599	0.2791
	40 m00o	1.0	0.0	1.0	60.38	84.55	-50.11	98.29	329	53.85	28.54	81.78	0.328	0.1739	0.3335
	41 m13o	1.0	0.0	0.875	59.21	82.72	-40.41	92.07	334	51.22	27.25	66.98	0.3522	0.1874	0.3184
	42 m25o	1.0	0.0	0.75	58.13	80.61	-29.28	85.76	340	48.71	26.1	52.77	0.3818	0.2046	0.3049
	43 m38o	1.0	0.0	0.675	57.08	78.49	-16.28	80.17	348	46.33	25.01	39.21	0.4191	0.2262	0.2922
	44 m50o	1.0	0.0	0.5	56.17	76.25	-1.45	76.27	359	44.18	24.08	27.16	0.463	0.2524	0.2814
	45 m63o	1.0	0.0	0.375	55.37	74.57	14.15	75.9	11	42.44	23.29	17.57	0.5095	0.2795	0.2721
	46 m75o	1.0	0.0	0.25	54.79	73.31	30.79	79.51	23	41.2	22.73	10.34	0.5548	0.306	0.2655
	47 m88o	1.0	0.0	0.125	54.41	72.36	46.67	86.1	33	40.37	22.36	5.68	0.5901	0.3269	0.2613
	48 o00y	1.0	0.0	0.0	55.23	73.6	52.22	90.24	35	41.93	23.16	4.79	0.6001	0.3314	0.2706
	49 n00w	0.0	0.0	0.0	18.01	0.0	0.0	0.01	0	2.4	2.52	2.74	0.3127	0.329	0.0294
	50 n13w	0.125	0.125	0.125	21.9	-0.17	0.04	0.18	169	3.3	3.49	3.79	0.3122	0.3296	0.0408
	51 n25w	0.25	0.25	0.25	33.47	0.0	-0.76	0.77	269	7.37	7.76	8.68	0.3097	0.3259	0.0907
	52 n38w	0.375	0.375	0.375	45.12	0.77	-1.94	2.09	292	14.03	14.63	16.83	0.3084	0.3216	0.1709
	53 n50w	0.5	0.5	0.5	56.05	1.48	-2.91	3.28	297	23.1	23.96	27.97	0.3079	0.3193	0.28
	54 n63w	0.625	0.625	0.625	66.75	1.87	-3.45	3.94	298	35.05	36.31	42.48	0.3079	0.3189	0.4242
	55 n75w	0.75	0.75	0.75	76.63	2.12	-3.5	4.1	301	49.16	50.92	59.18	0.3087	0.3197	0.5949
	56 n88w	0.875	0.875	0.875	85.68	1.62	-2.88	3.31	299	64.71	67.34	77.0	0.3095	0.3221	0.7868
	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	1.0351

KG370-7N

$n = 88.59 / (88.59 - 1.23) = 1.014$

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /.PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS18a für Helligkeit $L^*_N=18$ von Schwarz

System:

TLS18a **Y Gelb**

Monitor: $LCH^*_a = 94.1 \ 83.6 \ 101$

LCD $LAB^*_a = 94.1 \ -15.5 \ 82.2$

Reflexion:

$Y_N = 2.52$

$L^*_N = 18.01$

L Laubgrün

$LCH^*_a = 84.4 \ 106.1 \ 139$

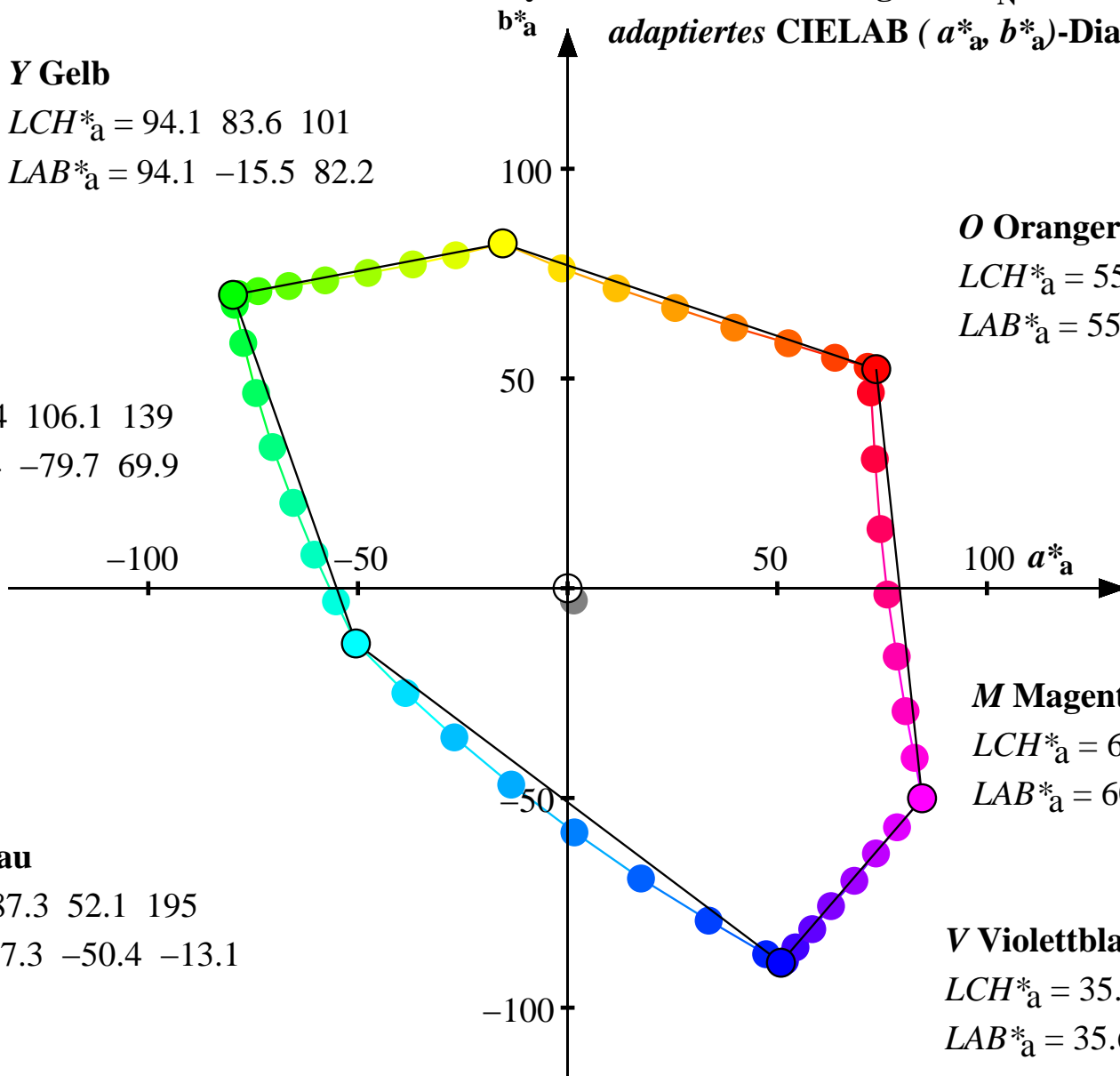
$LAB^*_a = 84.4 \ -79.7 \ 69.9$

C Cyanblau

$LCH^*_a = 87.3 \ 52.1 \ 195$

$LAB^*_a = 87.3 \ -50.4 \ -13.1$

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



O Orangerot

$LCH^*_a = 55.2 \ 90.2 \ 35$

$LAB^*_a = 55.2 \ 73.6 \ 52.2$

M Magentarot

$LCH^*_a = 60.4 \ 98.3 \ 329$

$LAB^*_a = 60.4 \ 84.5 \ -50.1$

V Violettblau

$LCH^*_a = 35.6 \ 102.7 \ 300$

$LAB^*_a = 35.6 \ 50.9 \ -89.2$

Siehe Original/Kopie: <http://web.me.com/Klaus.richter/KG37/KG37L0NA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37L0NA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS27a für Helligkeit $L^*_N=27$ von Schwarz

System:	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	$Y_a/88.59$
TLS27a	00 o00y	1.0	0.0	0.0	57.14	69.06	44.23	82.01	33	43.17	25.07	7.47	0.5702	0.3311	0.2926
	01 o13y	1.0	0.125	0.0	57.76	67.21	44.85	80.8	34	43.44	25.71	7.59	0.566	0.335	0.3001
	02 o25y	1.0	0.25	0.0	60.4	60.15	47.43	76.6	38	44.91	28.57	8.15	0.5502	0.35	0.3335
	03 o38y	1.0	0.375	0.0	64.31	49.88	51.28	71.53	46	47.23	33.19	9.02	0.5281	0.371	0.3874
Monitor:	04 o50y	1.0	0.5	0.0	69.12	37.85	55.63	67.28	56	50.41	39.51	10.3	0.503	0.3942	0.4612
	05 o63y	1.0	0.625	0.0	74.81	24.51	60.81	65.56	68	54.71	47.98	11.95	0.4772	0.4185	0.56
LCD	06 o75y	1.0	0.75	0.0	80.86	11.23	66.04	66.98	80	59.91	58.21	14.0	0.4534	0.4406	0.6795
	07 o88y	1.0	0.875	0.0	86.94	-1.36	71.23	71.25	91	65.81	69.89	16.33	0.4329	0.4597	0.8158
Reflexion:	08 y00l	1.0	1.0	0.0	94.17	-14.97	77.54	78.98	101	73.96	85.67	19.33	0.4133	0.4787	1.0
	09 y13l	0.875	1.0	0.0	92.15	-25.78	74.8	79.12	109	64.94	81.05	18.96	0.3937	0.4914	0.9461
	10 y25l	0.75	1.0	0.0	90.46	-35.65	72.56	80.85	116	57.63	77.3	18.61	0.3754	0.5034	0.9023
	11 y38l	0.625	1.0	0.0	88.87	-45.8	70.53	88.35	123	50.97	73.9	18.26	0.3561	0.5163	0.8626
	12 y50l	0.5	1.0	0.0	87.46	-55.47	68.76	84.1	129	45.26	70.95	17.93	0.3374	0.5289	0.8281
	13 y63l	0.375	1.0	0.0	86.34	-63.73	67.43	92.78	133	40.86	68.67	17.64	0.3213	0.54	0.8015
	14 y75l	0.25	1.0	0.0	85.47	-70.53	66.24	96.77	137	37.53	66.94	17.48	0.3078	0.5489	0.7813
	15 y88l	0.125	1.0	0.0	84.9	-75.02	65.53	99.62	139	35.44	65.81	17.36	0.2988	0.5549	0.7682
	16 l00c	0.0	1.0	0.0	84.75	-76.12	65.32	100.31	139	34.93	65.52	17.33	0.2966	0.5563	0.7648
	17 l13c	0.0	1.0	0.125	84.79	-75.77	63.22	98.69	140	35.07	65.59	18.39	0.2946	0.5509	0.7656
	18 l25c	0.0	1.0	0.25	84.88	-73.86	55.09	92.15	143	35.76	65.78	22.85	0.2875	0.5288	0.7678
	19 l38c	0.0	1.0	0.375	85.13	-71.01	44.16	83.63	148	36.94	66.26	30.04	0.2772	0.4973	0.7735
	20 l50c	0.0	1.0	0.5	85.47	-67.32	32.12	74.6	154	38.53	66.94	39.66	0.2655	0.4612	0.7813
	21 l63c	0.0	1.0	0.625	85.91	-62.69	19.55	65.68	163	40.59	67.8	51.82	0.2534	0.4232	0.7914
	22 l75c	0.0	1.0	0.75	86.42	-57.9	7.65	58.41	172	42.9	68.83	65.61	0.2419	0.3881	0.8034
	23 l88c	0.0	1.0	0.875	86.96	-53.08	-2.99	53.17	183	45.34	69.92	80.06	0.2321	0.358	0.8161
	24 c00v	0.0	1.0	1.0	87.57	-48.47	-12.71	50.12	195	47.91	71.17	95.26	0.2235	0.332	0.8307
	25 c13v	0.0	0.875	1.0	79.54	-36.86	-24.04	44.02	213	40.08	55.87	91.56	0.2137	0.298	0.6521
	26 c25v	0.0	0.75	1.0	72.44	-25.52	-34.14	42.64	233	34.21	44.32	88.47	0.2049	0.2654	0.5173
	27 c38v	0.0	0.675	1.0	65.13	-12.62	-44.72	46.48	254	29.12	34.21	85.64	0.1955	0.2297	0.3994
	28 c50v	0.0	0.5	1.0	57.79	1.48	-55.25	55.28	272	24.81	25.74	82.72	0.1862	0.1932	0.3005
	29 c63v	0.0	0.375	1.0	51.22	15.86	-65.26	67.17	284	21.7	19.46	80.92	0.1777	0.1594	0.2271
	30 c75v	0.0	0.25	1.0	45.28	29.89	-73.98	79.8	292	19.32	14.74	78.9	0.1711	0.1305	0.1721
	31 c88v	0.0	0.125	1.0	40.88	41.24	-80.8	90.72	297	17.86	11.79	77.89	0.1661	0.1096	0.1376
	32 v00m	0.0	0.0	1.0	39.78	44.02	-82.39	93.42	298	17.5	11.12	77.49	0.1649	0.1048	0.1298
	33 v13m	0.125	0.0	1.0	40.15	45.04	-82.13	93.68	299	17.98	11.34	77.99	0.1676	0.1057	0.1324
	34 v25m	0.25	0.0	1.0	41.69	47.78	-79.4	92.67	301	19.81	12.3	77.9	0.1801	0.1118	0.1436
	35 v38m	0.375	0.0	1.0	44.15	52.12	-75.71	91.93	305	22.95	13.94	78.61	0.1987	0.1207	0.1627
	36 v50m	0.5	0.0	1.0	47.05	56.99	-71.0	91.05	309	27.01	16.06	78.99	0.2213	0.1315	0.1874
	37 v63m	0.625	0.0	1.0	50.55	62.94	-65.65	90.95	314	32.54	18.88	79.89	0.2478	0.1438	0.2204
	38 v75m	0.75	0.0	1.0	54.19	68.48	-59.83	90.94	319	38.83	22.15	80.5	0.2744	0.1566	0.2586
	39 v88m	0.875	0.0	1.0	57.82	73.93	-54.11	91.62	324	45.85	25.78	81.24	0.2999	0.1686	0.3009
	40 m00o	1.0	0.0	1.0	61.91	80.19	-47.78	93.35	329	54.74	30.3	82.21	0.3273	0.1812	0.3537
	41 m13o	1.0	0.0	0.875	60.82	78.29	-38.35	87.19	334	52.19	29.05	67.84	0.3501	0.1949	0.3391
	42 m25o	1.0	0.0	0.75	59.82	76.13	-27.62	80.99	340	49.75	27.93	54.05	0.3777	0.212	0.326
	43 m38o	1.0	0.0	0.675	58.85	73.98	-15.23	75.53	348	47.43	26.87	40.89	0.4118	0.2332	0.3136
	44 m50o	1.0	0.0	0.5	58.01	71.72	-1.34	71.73	359	45.35	25.97	29.18	0.4512	0.2584	0.3031
	45 m63o	1.0	0.0	0.375	57.27	70.0	12.86	71.17	10	43.67	25.2	19.88	0.492	0.2839	0.2941
	46 m75o	1.0	0.0	0.25	56.74	68.72	27.26	73.93	22	42.46	24.65	12.87	0.5309	0.3082	0.2878
	47 m88o	1.0	0.0	0.125	56.39	67.77	39.88	78.63	30	41.65	24.3	8.34	0.5607	0.3271	0.2837
	48 o00y	1.0	0.0	0.0	57.14	69.06	44.23	82.01	33	43.17	25.07	7.47	0.5702	0.3311	0.2926
	49 n00w	0.0	0.0	0.0	26.85	0.0	0.0	0.01	0	4.79	5.04	5.49	0.3127	0.329	0.0588
	50 n13w	0.125	0.125	0.125	29.36	-0.11	0.02	0.12	169	5.67	5.98	6.5	0.3124	0.3293	0.0698
	51 n25w	0.25	0.25	0.25	38.07	0.0	-0.61	0.62	269	9.62	10.12	11.25	0.3104	0.3267	0.1182
	52 n38w	0.375	0.375	0.375	48.0	0.68	-1.72	1.86	291	16.08	16.79	19.16	0.309	0.3228	0.196
	53 n50w	0.5	0.5	0.5	57.9	1.37	-2.69	3.03	297	24.89	25.85	29.98	0.3083	0.3203	0.3018
	54 n63w	0.625	0.625	0.625	67.9	1.77	-3.27	3.72	298	36.49	37.84	44.06	0.3082	0.3196	0.4417
	55 n75w	0.75	0.75	0.75	77.29	2.03	-3.36	3.93	301	50.19	52.02	60.27	0.3089	0.3202	0.6072
	56 n88w	0.875	0.875	0.875	85.99	1.56	-2.78	3.19	299	65.28	67.96	77.57	0.3097	0.3224	0.7933
	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	1.0341

KG370-7N

$n = 88.59 / (88.59 - 1.23) = 1.014$

TUB-Prüfvorlage KG37; Bunttonkreis und farbmetrische Daten input: *olv* setrgbcolor*
 Messung: LCD- und CRT-Display und LCD-Projektor output: *no change compared to input*

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /.PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS
 Anwendung für Messung von Drucker- oder Monitorsystemen
 TUB-Material: Code=rh4ta

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS27a für Helligkeit $L^*_N=27$ von Schwarz

System:

TLS27a **Y Gelb**

Monitor: $LCH^*_a = 94.2 \ 79.0 \ 101$

LCD $LAB^*_a = 94.2 \ -15.0 \ 77.5$

Reflexion:

$Y_N = 5.04$

$L^*_N = 26.85$

L Laubgrün

$LCH^*_a = 84.8 \ 100.3 \ 139$

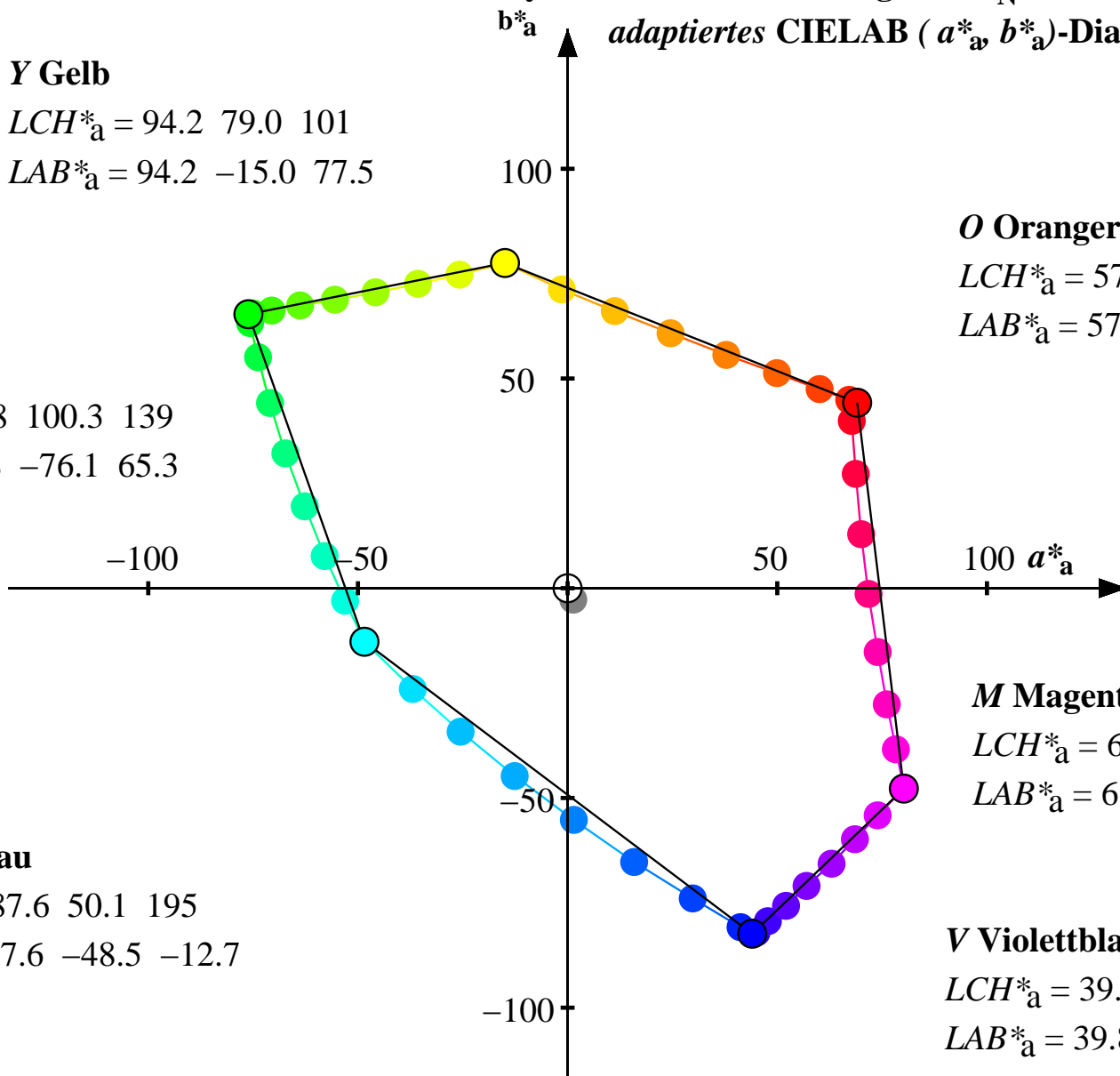
$LAB^*_a = 84.8 \ -76.1 \ 65.3$

C Cyanblau

$LCH^*_a = 87.6 \ 50.1 \ 195$

$LAB^*_a = 87.6 \ -48.5 \ -12.7$

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



O Orangerot

$LCH^*_a = 57.1 \ 82.0 \ 33$

$LAB^*_a = 57.1 \ 69.1 \ 44.2$

M Magentarot

$LCH^*_a = 61.9 \ 93.3 \ 329$

$LAB^*_a = 61.9 \ 80.2 \ -47.8$

V Violettblau

$LCH^*_a = 39.8 \ 93.4 \ 298$

$LAB^*_a = 39.8 \ 44.0 \ -82.4$

Siehe Original/Kopie: <http://web.me.com/Klaus.richter/KG37/KG37L0NA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37L0NA.TXT /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen

TUB-Material: Code=rh4ta

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS38a für Helligkeit $L^*_N=38$ von Schwarz

System:	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	$Y_a/88.59$
TLS38a	00 o00y	1.0	0.0	0.0	60.7	60.97	34.16	69.88	29	45.64	28.9	12.84	0.5223	0.3308	0.3367
	01 o13y	1.0	0.125	0.0	61.23	59.42	34.78	68.85	30	45.9	29.51	12.96	0.5195	0.3339	0.3437
	02 o25y	1.0	0.25	0.0	63.5	53.52	37.39	65.29	35	47.28	32.19	13.48	0.5087	0.3463	0.375
	03 o38y	1.0	0.375	0.0	66.92	44.76	41.32	60.92	43	49.46	36.53	14.3	0.4932	0.3642	0.4255
Monitor:	04 o50y	1.0	0.5	0.0	71.19	34.28	45.91	57.3	53	52.45	42.47	15.5	0.475	0.3846	0.4947
LCD	05 o63y	1.0	0.625	0.0	76.33	22.42	51.39	56.07	66	56.49	50.43	17.05	0.4557	0.4068	0.5874
	06 o75y	1.0	0.75	0.0	81.86	10.36	57.01	57.94	80	61.37	60.04	18.98	0.4371	0.4277	0.6994
	07 o88y	1.0	0.875	0.0	87.49	-1.27	62.59	62.6	91	66.92	71.02	21.16	0.4206	0.4464	0.8272
Reflexion:	08 y00l	1.0	1.0	0.0	94.25	-14.02	69.3	70.7	101	74.57	85.85	23.98	0.4044	0.4655	1.0
	09 y13l	0.875	1.0	0.0	92.36	-24.04	66.63	70.84	110	66.1	81.51	23.63	0.386	0.476	0.9494
	10 y25l	0.75	1.0	0.0	90.77	-33.11	64.45	72.46	117	59.23	77.98	23.3	0.369	0.4858	0.9083
	11 y38l	0.625	1.0	0.0	89.29	-42.34	62.47	75.47	124	52.98	74.78	22.98	0.3515	0.4961	0.8711
	12 y50l	0.5	1.0	0.0	87.97	-51.05	60.73	79.35	130	47.61	72.01	22.67	0.3346	0.5061	0.8388
	13 y63l	0.375	1.0	0.0	86.93	-58.4	59.42	83.32	135	43.48	69.87	22.39	0.3203	0.5147	0.8139
	14 y75l	0.25	1.0	0.0	86.13	-64.41	58.28	86.87	138	40.35	68.24	22.25	0.3084	0.5216	0.7949
	15 y88l	0.125	1.0	0.0	85.6	-68.34	57.58	89.37	140	38.38	67.19	22.13	0.3006	0.5262	0.7826
	16 100c	0.0	1.0	0.0	85.46	-69.29	57.39	89.98	140	37.9	66.92	22.1	0.2986	0.5272	0.7795
	17 113c	0.0	1.0	0.125	85.49	-68.98	55.71	88.67	141	38.04	66.98	23.1	0.2969	0.5228	0.7802
	18 125c	0.0	1.0	0.25	85.58	-67.3	49.05	83.28	144	38.69	67.16	27.29	0.2906	0.5045	0.7823
	19 138c	0.0	1.0	0.375	85.81	-64.78	39.78	76.03	148	39.79	67.61	34.05	0.2813	0.478	0.7876
	20 150c	0.0	1.0	0.5	86.13	-61.53	29.25	68.14	155	41.28	68.24	43.09	0.2705	0.4472	0.7949
	21 163c	0.0	1.0	0.625	86.53	-57.42	17.97	60.18	163	43.22	69.06	54.51	0.2592	0.414	0.8044
	22 175c	0.0	1.0	0.75	87.01	-53.15	7.08	53.63	172	45.39	70.02	67.47	0.2482	0.3829	0.8156
	23 188c	0.0	1.0	0.875	87.51	-48.83	-2.78	48.92	183	47.69	71.05	81.05	0.2387	0.3556	0.8276
	24 c00v	0.0	1.0	1.0	88.07	-44.69	-11.88	46.25	195	50.1	72.22	95.33	0.2302	0.3318	0.8413
	25 c13v	0.0	0.875	1.0	80.65	-33.53	-22.33	40.3	214	42.74	57.84	91.85	0.2221	0.3006	0.6738
	26 c25v	0.0	0.75	1.0	74.18	-22.87	-31.47	38.92	234	37.23	46.99	88.96	0.215	0.2713	0.5474
	27 c38v	0.0	0.675	1.0	67.65	-11.09	-40.86	42.35	255	32.44	37.49	86.29	0.2077	0.24	0.4368
	28 c50v	0.0	0.5	1.0	61.25	1.27	-49.9	49.93	271	28.39	29.54	83.55	0.2007	0.2088	0.3441
	29 c63v	0.0	0.375	1.0	55.71	13.25	-58.2	59.7	283	25.47	23.63	81.85	0.1945	0.1804	0.2752
	30 c75v	0.0	0.25	1.0	50.92	24.22	-65.06	69.43	290	23.24	19.2	79.96	0.1899	0.1568	0.2236
	31 c88v	0.0	0.125	1.0	47.52	32.57	-70.19	77.39	295	21.87	16.42	79.01	0.1864	0.14	0.1913
	32 v00m	0.0	0.0	1.0	46.7	34.5	-71.33	79.25	296	21.52	15.79	78.64	0.1856	0.1362	0.1839
	33 v13m	0.125	0.0	1.0	46.98	35.46	-71.21	79.56	296	21.98	16.0	79.11	0.1877	0.1367	0.1864
	34 v25m	0.25	0.0	1.0	48.14	38.22	-69.14	79.01	299	23.69	16.9	79.02	0.1981	0.1413	0.1969
	35 v38m	0.375	0.0	1.0	50.03	42.65	-66.39	78.91	303	26.65	18.44	79.69	0.2136	0.1478	0.2148
	36 v50m	0.5	0.0	1.0	52.32	47.69	-62.7	78.78	307	30.46	20.43	80.04	0.2327	0.156	0.238
	37 v63m	0.625	0.0	1.0	55.16	53.89	-58.44	79.5	313	35.65	23.08	80.89	0.2553	0.1653	0.2689
	38 v75m	0.75	0.0	1.0	58.19	59.76	-53.65	80.31	318	41.57	26.16	81.47	0.2786	0.1753	0.3047
	39 v88m	0.875	0.0	1.0	61.28	65.54	-48.83	81.74	323	48.16	29.57	82.16	0.3012	0.1849	0.3444
	40 m00o	1.0	0.0	1.0	64.82	72.12	-43.4	84.18	329	56.52	33.82	83.07	0.3259	0.195	0.3939
	41 m13o	1.0	0.0	0.875	63.87	70.16	-34.54	78.21	334	54.12	32.64	69.57	0.3462	0.2088	0.3802
	42 m25o	1.0	0.0	0.75	63.0	67.97	-24.6	72.29	340	51.82	31.59	56.61	0.3701	0.2256	0.3679
	43 m38o	1.0	0.0	0.675	62.16	65.8	-13.36	67.15	349	49.65	30.59	44.24	0.3989	0.2457	0.3563
	44 m50o	1.0	0.0	0.5	61.44	63.56	-1.15	63.57	359	47.69	29.75	33.24	0.4309	0.2688	0.3465
	45 m63o	1.0	0.0	0.375	60.8	61.85	10.77	62.78	10	46.11	29.02	24.5	0.4628	0.2913	0.3381
	46 m75o	1.0	0.0	0.25	60.35	60.57	22.05	64.46	20	44.98	28.51	17.91	0.4921	0.3119	0.3321
	47 m88o	1.0	0.0	0.125	60.05	59.63	31.02	67.22	27	44.22	28.18	13.65	0.5139	0.3275	0.3282
	48 o00y	1.0	0.0	0.0	60.7	60.97	34.16	69.88	29	45.64	28.9	12.84	0.5223	0.3308	0.3367
	49 n00w	0.0	0.0	0.0	37.99	0.0	0.0	0.01	0	9.58	10.08	10.98	0.3127	0.329	0.1174
	50 n13w	0.125	0.125	0.125	39.52	-0.06	0.02	0.08	169	10.41	10.96	11.93	0.3126	0.3292	0.1277
	51 n25w	0.25	0.25	0.25	45.44	0.0	-0.45	0.46	269	14.12	14.86	16.39	0.3113	0.3275	0.1731
	52 n38w	0.375	0.375	0.375	53.09	0.55	-1.39	1.5	291	20.19	21.13	23.82	0.3099	0.3243	0.2461
	53 n50w	0.5	0.5	0.5	61.34	1.18	-2.32	2.61	297	28.47	29.64	33.99	0.3091	0.3218	0.3452
	54 n63w	0.625	0.625	0.625	70.11	1.58	-2.92	3.33	298	39.37	40.9	47.22	0.3088	0.3208	0.4764
	55 n75w	0.75	0.75	0.75	78.59	1.85	-3.07	3.6	301	52.24	54.22	62.45	0.3093	0.321	0.6316
	56 n88w	0.875	0.875	0.875	86.61	1.45	-2.58	2.97	299	66.42	69.21	78.71	0.3099	0.3229	0.8062
	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	1.032

KG370-7N

$n = 88.59 / (88.59 - 1.23) = 1.014$

TUB-Prüfvorlage KG37; Bunttonkreis und farbmetrische Daten input: *olv* setrgbcolor*
 Messung: LCD- und CRT-Display und LCD-Projektor output: *no change compared to input*

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /.PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS38a für Helligkeit $L^*_N=38$ von Schwarz

System:

TLS38a **Y Gelb**

Monitor: $LCH^*_a = 94.2 \ 70.7 \ 101$

LCD $LAB^*_a = 94.2 \ -14.0 \ 69.3$

Reflexion:

$Y_N = 10.08$

$L^*_N = 37.99$

L Laubgrün

$LCH^*_a = 85.5 \ 90.0 \ 140$

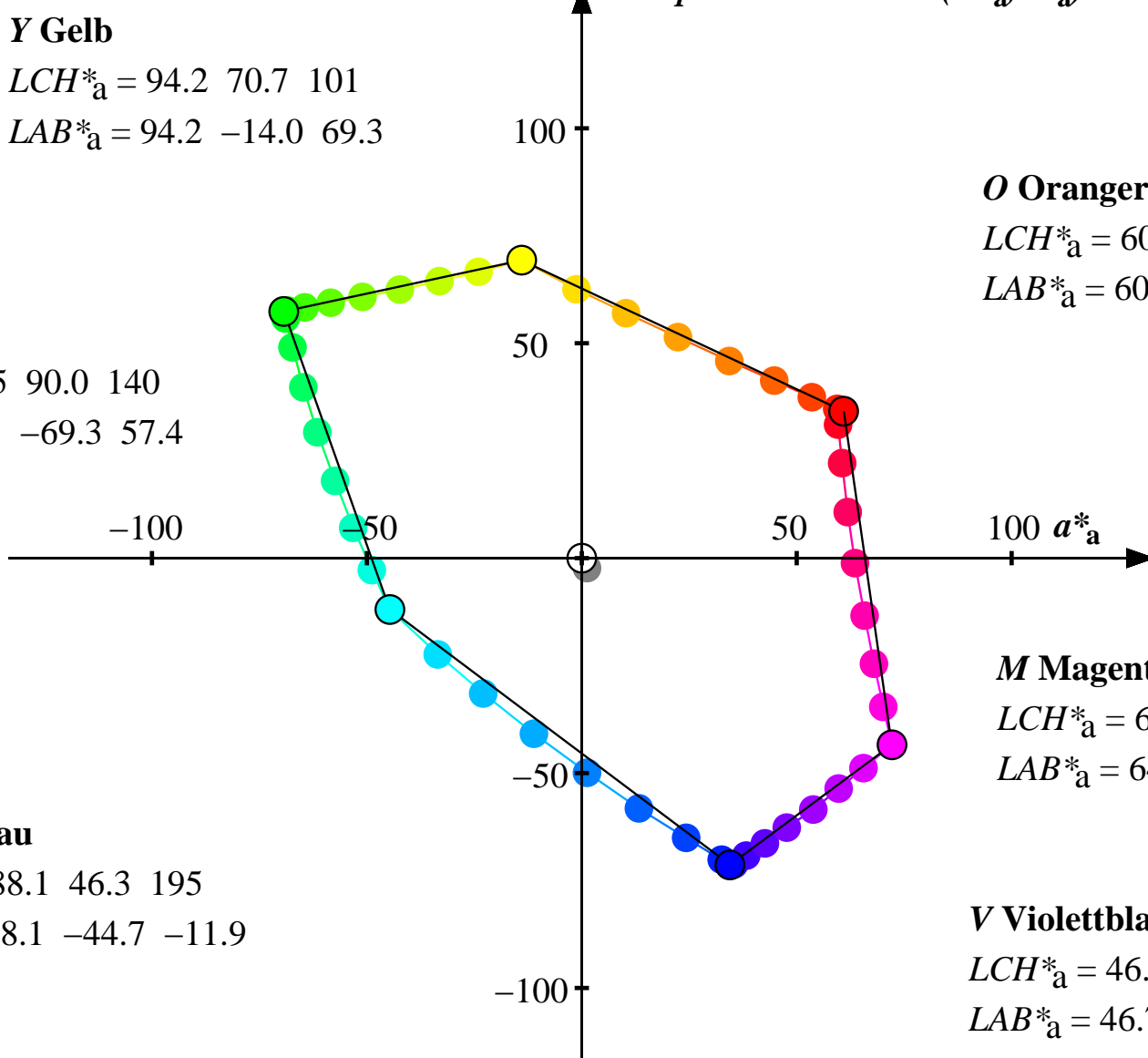
$LAB^*_a = 85.5 \ -69.3 \ 57.4$

C Cyanblau

$LCH^*_a = 88.1 \ 46.3 \ 195$

$LAB^*_a = 88.1 \ -44.7 \ -11.9$

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



O Orangerot

$LCH^*_a = 60.7 \ 69.9 \ 29$

$LAB^*_a = 60.7 \ 61.0 \ 34.2$

M Magentarot

$LCH^*_a = 64.8 \ 84.2 \ 329$

$LAB^*_a = 64.8 \ 72.1 \ -43.4$

V Violettblau

$LCH^*_a = 46.7 \ 79.2 \ 296$

$LAB^*_a = 46.7 \ 34.5 \ -71.3$

Siehe Original/Kopie: <http://web.me.com/Klaus.richter/KG37/KG37LONA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS52a für Helligkeit $L^*_N=52$ von Schwarz

System:	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	$Y_a/88.59$
TLS52a	00 o00y	1.0	0.0	0.0	66.95	47.68	22.92	52.9	26	50.59	36.57	23.58	0.4569	0.3302	0.4242
	01 o13y	1.0	0.125	0.0	67.35	46.58	23.43	52.14	27	50.82	37.09	23.68	0.4554	0.3324	0.4303
	02 o25y	1.0	0.25	0.0	69.06	42.36	25.62	49.51	31	52.02	39.43	24.13	0.4501	0.3411	0.4574
	03 o38y	1.0	0.375	0.0	71.7	35.91	28.99	46.15	39	53.92	43.21	24.84	0.4421	0.3543	0.5013
Monitor:	04 o50y	1.0	0.5	0.0	75.07	27.93	33.11	43.32	50	56.52	48.39	25.89	0.4321	0.3699	0.5614
	05 o63y	1.0	0.625	0.0	79.23	18.57	38.16	42.44	64	60.05	55.33	27.24	0.421	0.3879	0.6418
LCD	06 o75y	1.0	0.75	0.0	83.81	8.72	43.52	44.39	79	64.3	63.71	28.93	0.4097	0.4059	0.7391
	07 o88y	1.0	0.875	0.0	88.58	-1.08	48.98	48.99	91	69.13	73.27	30.83	0.3991	0.423	0.85
Reflexion:	08 y00l	1.0	1.0	0.0	94.4	-12.14	55.61	56.92	102	75.81	86.2	33.29	0.3882	0.4414	1.0
	09 y13l	0.875	1.0	0.0	92.76	-20.64	53.2	57.06	111	68.43	82.42	32.98	0.3722	0.4483	0.9561
	10 y25l	0.75	1.0	0.0	91.39	-28.21	51.22	58.48	119	62.44	79.34	32.7	0.3579	0.4547	0.9204
	11 y38l	0.625	1.0	0.0	90.12	-35.77	49.42	61.02	126	56.98	76.56	32.41	0.3434	0.4613	0.8881
	12 y50l	0.5	1.0	0.0	88.99	-42.77	47.85	64.18	132	52.31	74.14	32.14	0.3298	0.4675	0.8601
	13 y63l	0.375	1.0	0.0	88.1	-48.57	46.65	67.35	136	48.71	72.27	31.9	0.3186	0.4728	0.8384
	14 y75l	0.25	1.0	0.0	87.41	-53.23	45.64	70.13	139	45.98	70.85	31.78	0.3094	0.4768	0.822
	15 y88l	0.125	1.0	0.0	86.96	-56.24	45.01	72.04	141	44.26	69.93	31.67	0.3034	0.4794	0.8113
	16 l00c	0.0	1.0	0.0	86.85	-56.96	44.84	72.5	142	43.85	69.7	31.65	0.302	0.48	0.8086
	17 l13c	0.0	1.0	0.125	86.87	-56.72	43.69	71.6	142	43.96	69.75	32.52	0.3006	0.477	0.8092
	18 l25c	0.0	1.0	0.25	86.95	-55.41	38.99	67.76	145	44.53	69.91	36.17	0.2957	0.4642	0.811
	19 l38c	0.0	1.0	0.375	87.15	-53.46	32.18	62.41	149	45.49	70.3	42.06	0.2882	0.4454	0.8156
	20 l50c	0.0	1.0	0.5	87.41	-50.93	24.06	56.34	155	46.79	70.85	49.94	0.2792	0.4228	0.822
	21 l63c	0.0	1.0	0.625	87.76	-47.7	15.02	50.02	163	48.49	71.56	59.9	0.2694	0.3977	0.8302
	22 l75c	0.0	1.0	0.75	88.16	-44.33	6.0	44.74	172	50.37	72.4	71.2	0.2597	0.3733	0.84
	23 l88c	0.0	1.0	0.875	88.59	-40.88	-2.38	40.96	183	52.37	73.3	83.02	0.251	0.3512	0.8503
	24 c00v	0.0	1.0	1.0	89.07	-37.56	-10.26	38.95	195	54.48	74.32	95.47	0.2429	0.3314	0.8622
	25 c13v	0.0	0.875	1.0	82.8	-27.51	-19.03	33.46	215	48.06	61.79	92.45	0.2376	0.3054	0.7168
	26 c25v	0.0	0.75	1.0	77.48	-18.3	-26.46	32.19	235	43.26	52.33	89.92	0.2332	0.2821	0.6071
	27 c38v	0.0	0.675	1.0	72.26	-8.61	-33.82	34.91	256	39.09	44.05	87.6	0.2289	0.258	0.5111
	28 c50v	0.0	0.5	1.0	67.37	0.95	-40.56	40.58	271	35.56	37.12	85.21	0.2252	0.2351	0.4306
	29 c63v	0.0	0.375	1.0	63.32	9.58	-46.47	47.46	282	33.01	31.97	83.73	0.222	0.215	0.3709
	30 c75v	0.0	0.25	1.0	59.98	16.9	-51.01	53.74	288	31.06	28.11	82.08	0.2199	0.199	0.3261
	31 c88v	0.0	0.125	1.0	57.74	22.1	-54.26	58.6	292	29.87	25.69	81.25	0.2183	0.1878	0.298
	32 v00m	0.0	0.0	1.0	57.21	23.24	-54.93	59.66	293	29.57	25.14	80.92	0.218	0.1853	0.2916
	33 v13m	0.125	0.0	1.0	57.39	23.99	-54.93	59.95	294	29.97	25.32	81.33	0.2193	0.1853	0.2937
	34 v25m	0.25	0.0	1.0	58.14	26.31	-53.58	59.7	296	31.46	26.11	81.26	0.2266	0.1881	0.3029
	35 v38m	0.375	0.0	1.0	59.39	30.12	-51.86	59.98	300	34.04	27.45	81.84	0.2375	0.1915	0.3184
	36 v50m	0.5	0.0	1.0	60.94	34.63	-49.41	60.34	305	37.36	29.18	82.15	0.2513	0.1963	0.3386
	37 v63m	0.625	0.0	1.0	62.92	40.32	-46.54	61.58	311	41.89	31.49	82.89	0.268	0.2015	0.3654
	38 v75m	0.75	0.0	1.0	65.1	45.93	-43.15	63.03	317	47.04	34.17	83.39	0.2858	0.2076	0.3965
	39 v88m	0.875	0.0	1.0	67.38	51.59	-39.65	65.07	322	52.79	37.14	83.99	0.3035	0.2136	0.4309
	40 m00o	1.0	0.0	1.0	70.07	58.11	-35.6	68.15	329	60.07	40.85	84.79	0.3235	0.22	0.4739
	41 m13o	1.0	0.0	0.875	69.34	56.2	-27.91	62.75	334	57.98	39.82	73.02	0.3394	0.2331	0.462
	42 m25o	1.0	0.0	0.75	68.68	54.12	-19.51	57.53	340	55.98	38.9	61.72	0.3575	0.2484	0.4513
	43 m38o	1.0	0.0	0.675	68.05	52.07	-10.35	53.09	349	54.09	38.04	50.95	0.378	0.2659	0.4413
	44 m50o	1.0	0.0	0.5	67.5	50.03	-0.86	50.03	359	52.38	37.3	41.36	0.3997	0.2847	0.4327
	45 m63o	1.0	0.0	0.375	67.03	48.43	7.81	49.05	9	51.0	36.67	33.74	0.4201	0.302	0.4254
	46 m75o	1.0	0.0	0.25	66.69	47.25	15.4	49.7	18	50.02	36.22	27.99	0.4378	0.3171	0.4202
	47 m88o	1.0	0.0	0.125	66.47	46.4	20.9	50.89	24	49.35	35.94	24.28	0.4504	0.328	0.4169
	48 o00y	1.0	0.0	0.0	66.95	47.68	22.92	52.9	26	50.59	36.57	23.58	0.4569	0.3302	0.4242
	49 n00w	0.0	0.0	0.0	52.02	0.0	0.0	0.01	0	19.16	20.16	21.95	0.3127	0.329	0.2339
	50 n13w	0.125	0.125	0.125	52.87	-0.03	0.01	0.04	169	19.88	20.93	22.78	0.3126	0.3291	0.2428
	51 n25w	0.25	0.25	0.25	56.41	0.0	-0.28	0.29	269	23.12	24.32	26.67	0.3119	0.3282	0.2822
	52 n38w	0.375	0.375	0.375	61.47	0.38	-0.97	1.05	291	28.41	29.79	33.15	0.311	0.3261	0.3456
	53 n50w	0.5	0.5	0.5	67.43	0.88	-1.74	1.96	297	35.62	37.21	42.01	0.3102	0.324	0.4316
	54 n63w	0.625	0.625	0.625	74.2	1.25	-2.33	2.65	298	45.12	47.02	53.54	0.3097	0.3228	0.5455
	55 n75w	0.75	0.75	0.75	81.09	1.54	-2.55	2.98	301	56.34	58.64	66.82	0.3099	0.3225	0.6802
	56 n88w	0.875	0.875	0.875	87.82	1.24	-2.2	2.53	299	68.71	71.7	80.99	0.3103	0.3238	0.8317
	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	1.0277

KG370-7N

$n = 88.59 / (88.59 - 1.23) = 1.014$

TUB-Prüfvorlage KG37; Bunttonkreis und farbmetrische Daten input: *olv* setrgbcolor*
 Messung: LCD- und CRT-Display und LCD-Projektor output: *no change compared to input*

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /.PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS52a für Helligkeit $L^*_N=52$ von Schwarz

System:

TLS52a Y Gelb

Monitor: $LCH^*_a = 94.4 \ 56.9 \ 102$

LCD $LAB^*_a = 94.4 \ -12.1 \ 55.6$

Reflexion:

$Y_N = 20.16$

$L^*_N = 52.02$

L Laubgrün

$LCH^*_a = 86.8 \ 72.5 \ 142$

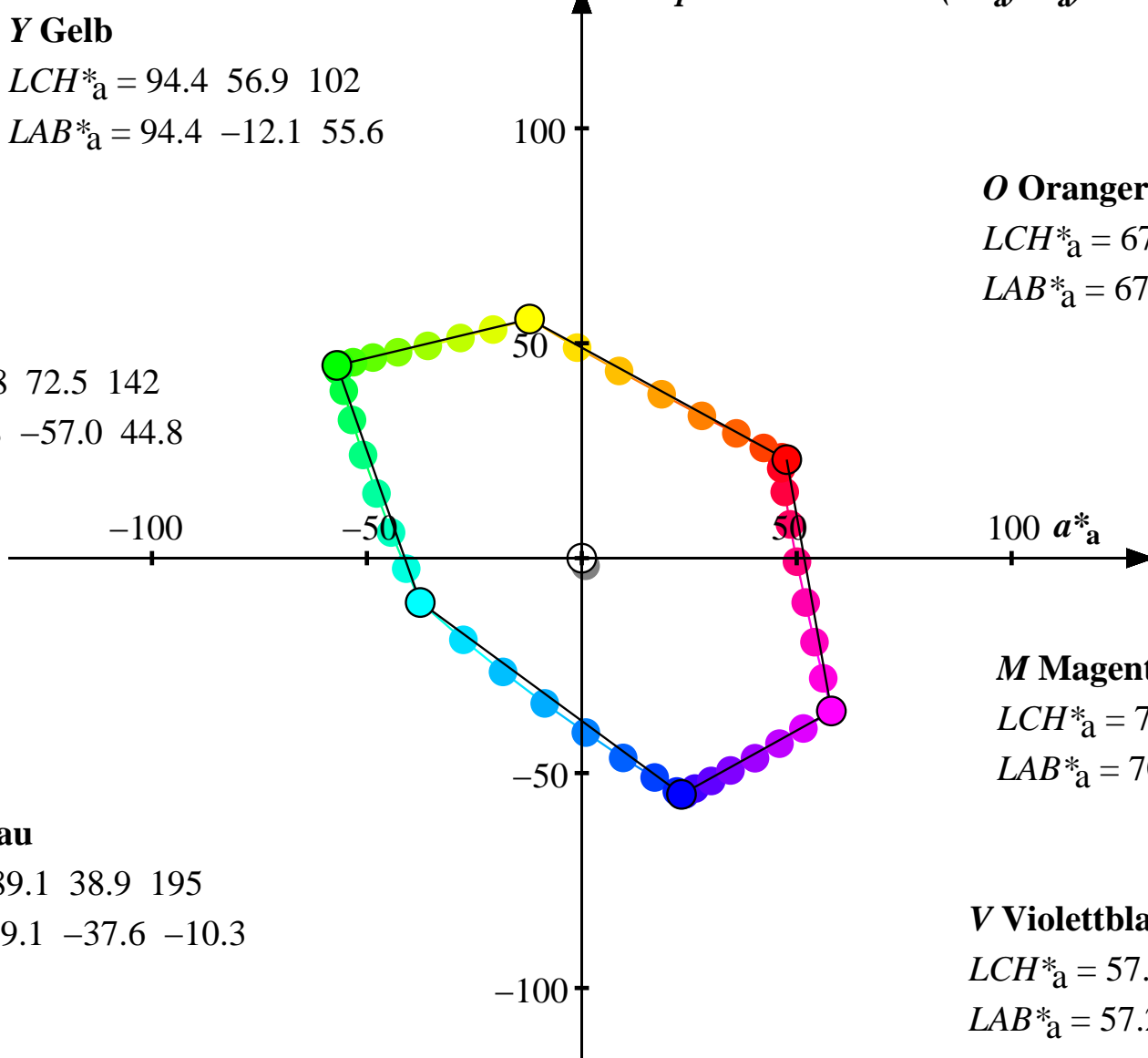
$LAB^*_a = 86.8 \ -57.0 \ 44.8$

C Cyanblau

$LCH^*_a = 89.1 \ 38.9 \ 195$

$LAB^*_a = 89.1 \ -37.6 \ -10.3$

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



O Orangerot

$LCH^*_a = 67.0 \ 52.9 \ 26$

$LAB^*_a = 67.0 \ 47.7 \ 22.9$

M Magentarot

$LCH^*_a = 70.1 \ 68.2 \ 329$

$LAB^*_a = 70.1 \ 58.1 \ -35.6$

V Violettblau

$LCH^*_a = 57.2 \ 59.7 \ 293$

$LAB^*_a = 57.2 \ 23.2 \ -54.9$

Siehe Original/Kopie: <http://web.me.com/Klaus.richter/KG37/KG37L0NA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37L0NA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

KG370-7N

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS70a für Helligkeit $L^*_N=70$ von Schwarz

System:	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	$Y_a/88.59$	
TLS70a	00 o00y	1.0	0.0	0.0	77.22	28.3	11.69	30.62	22	60.49	51.89	45.05	0.3842	0.3296	0.5971
	01 o13y	1.0	0.125	0.0	77.44	27.72	11.99	30.21	23	60.65	52.26	45.12	0.3838	0.3307	0.6014
	02 o25y	1.0	0.25	0.0	78.41	25.53	13.32	28.8	28	61.5	53.91	45.44	0.3823	0.3352	0.6204
	03 o38y	1.0	0.375	0.0	79.94	22.04	15.41	26.9	35	62.84	56.58	45.94	0.38	0.3422	0.6511
Monitor:	04 o50y	1.0	0.5	0.0	81.96	17.53	18.1	25.2	46	64.67	60.23	46.68	0.3769	0.351	0.6931
	05 o63y	1.0	0.625	0.0	84.55	11.96	21.53	24.63	61	67.16	65.13	47.63	0.3733	0.362	0.7494
LCD	06 o75y	1.0	0.75	0.0	87.5	5.76	25.38	26.02	77	70.16	71.04	48.82	0.3692	0.3738	0.8174
	07 o88y	1.0	0.875	0.0	90.68	-0.73	29.47	29.47	91	73.57	77.78	50.16	0.3651	0.386	0.8951
Reflexion:	08 y00l	1.0	1.0	0.0	94.7	-8.44	34.63	35.65	104	78.28	86.9	51.9	0.3606	0.4003	1.0
	09 y13l	0.875	1.0	0.0	93.55	-14.14	32.87	35.79	113	73.07	84.23	51.68	0.3496	0.4031	0.9693
	10 y25l	0.75	1.0	0.0	92.6	-19.06	31.44	36.77	121	68.85	82.07	51.48	0.3402	0.4055	0.9443
	11 y38l	0.625	1.0	0.0	91.73	-23.82	30.14	38.42	128	65.0	80.1	51.28	0.331	0.4079	0.9217
	12 y50l	0.5	1.0	0.0	90.96	-28.08	29.0	40.38	134	61.7	78.4	51.09	0.3227	0.4101	0.9021
	13 y63l	0.375	1.0	0.0	90.36	-31.51	28.14	42.25	138	59.16	77.08	50.92	0.3161	0.4118	0.887
	14 y75l	0.25	1.0	0.0	89.9	-34.2	27.43	43.85	141	57.24	76.08	50.83	0.3108	0.4131	0.8754
	15 y88l	0.125	1.0	0.0	89.59	-35.89	26.98	44.91	143	56.03	75.43	50.76	0.3075	0.414	0.868
	16 l00c	0.0	1.0	0.0	89.52	-36.29	26.86	45.16	143	55.73	75.26	50.74	0.3067	0.4141	0.8661
	17 l13c	0.0	1.0	0.125	89.53	-36.16	26.27	44.7	144	55.82	75.3	51.35	0.3059	0.4127	0.8665
	18 l25c	0.0	1.0	0.25	89.59	-35.39	23.8	42.66	146	56.21	75.41	53.93	0.303	0.4064	0.8678
	19 l38c	0.0	1.0	0.375	89.72	-34.27	20.06	39.71	150	56.89	75.69	58.09	0.2984	0.397	0.871
	20 l50c	0.0	1.0	0.5	89.9	-32.79	15.36	36.22	155	57.81	76.08	63.64	0.2927	0.3851	0.8754
	21 l63c	0.0	1.0	0.625	90.13	-30.89	9.82	32.42	162	59.01	76.58	70.67	0.2861	0.3713	0.8812
	22 l75c	0.0	1.0	0.75	90.4	-28.88	4.01	29.17	172	60.34	77.17	78.64	0.2792	0.357	0.888
	23 l88c	0.0	1.0	0.875	90.69	-26.8	-1.62	26.86	183	61.75	77.8	86.98	0.2726	0.3435	0.8953
	24 c00v	0.0	1.0	1.0	91.02	-24.78	-7.1	25.79	196	63.23	78.53	95.76	0.2662	0.3306	0.9036
	25 c13v	0.0	0.875	1.0	86.84	-17.45	-12.86	21.69	216	58.71	69.69	93.63	0.2644	0.3139	0.8019
	26 c25v	0.0	0.75	1.0	83.45	-11.18	-17.5	20.78	237	55.32	63.01	91.84	0.2632	0.2998	0.7251
	27 c38v	0.0	0.675	1.0	80.28	-5.05	-21.84	22.42	257	52.38	57.17	90.21	0.2622	0.2862	0.6579
	28 c50v	0.0	0.5	1.0	77.45	0.53	-25.54	25.55	271	49.89	52.28	88.52	0.2616	0.2742	0.6016
	29 c63v	0.0	0.375	1.0	75.23	5.18	-28.62	29.1	280	48.09	48.65	87.48	0.261	0.2641	0.5598
	30 c75v	0.0	0.25	1.0	73.5	8.84	-30.79	32.04	286	46.72	45.92	86.31	0.2611	0.2566	0.5285
	31 c88v	0.0	0.125	1.0	72.38	11.29	-32.3	34.23	289	45.87	44.22	85.73	0.2609	0.2515	0.5088
	32 v00m	0.0	0.0	1.0	72.11	11.8	-32.58	34.66	290	45.66	43.83	85.5	0.2609	0.2505	0.5044
	33 v13m	0.125	0.0	1.0	72.2	12.23	-32.64	34.87	291	45.94	43.96	85.79	0.2615	0.2502	0.5058
	34 v25m	0.25	0.0	1.0	72.57	13.61	-31.97	34.75	293	47.0	44.52	85.74	0.2651	0.2511	0.5122
	35 v38m	0.375	0.0	1.0	73.19	15.96	-31.19	35.04	297	48.81	45.46	86.15	0.2706	0.252	0.5231
	36 v50m	0.5	0.0	1.0	73.99	18.86	-29.98	35.42	302	51.16	46.68	86.37	0.2777	0.2534	0.5372
	37 v63m	0.625	0.0	1.0	75.02	22.68	-28.56	36.48	308	54.35	48.32	86.89	0.2867	0.2549	0.556
	38 v75m	0.75	0.0	1.0	76.2	26.68	-26.79	37.82	315	57.99	50.21	87.24	0.2967	0.2569	0.5777
	39 v88m	0.875	0.0	1.0	77.46	30.89	-24.91	39.69	321	62.04	52.3	87.67	0.3071	0.2589	0.6018
	40 m00o	1.0	0.0	1.0	78.99	35.95	-22.67	42.51	328	67.18	54.91	88.23	0.3194	0.2611	0.6319
	41 m13o	1.0	0.0	0.875	78.57	34.47	-17.35	38.59	333	65.7	54.19	79.92	0.3288	0.2712	0.6236
	42 m25o	1.0	0.0	0.75	78.19	32.91	-11.79	34.97	340	64.29	53.54	71.96	0.3388	0.2821	0.6161
	43 m38o	1.0	0.0	0.675	77.83	31.41	-6.05	31.99	349	62.96	52.93	64.35	0.3493	0.2937	0.6091
	44 m50o	1.0	0.0	0.5	77.53	29.94	-0.48	29.94	359	61.75	52.41	57.59	0.3595	0.3052	0.6031
	45 m63o	1.0	0.0	0.375	77.26	28.79	4.25	29.1	8	60.78	51.97	52.22	0.3684	0.315	0.598
	46 m75o	1.0	0.0	0.25	77.07	27.96	8.08	29.1	16	60.09	51.65	48.16	0.3758	0.323	0.5944
	47 m88o	1.0	0.0	0.125	76.95	27.37	10.68	29.38	21	59.62	51.45	45.55	0.3807	0.3285	0.592
	48 o00y	1.0	0.0	0.0	77.22	28.3	11.69	30.62	22	60.49	51.89	45.05	0.3842	0.3296	0.5971
	49 n00w	0.0	0.0	0.0	69.7	0.0	0.0	0.01	0	38.32	40.32	43.9	0.3127	0.329	0.464
	50 n13w	0.125	0.125	0.125	70.08	-0.01	0.0	0.02	169	38.83	40.86	44.49	0.3127	0.3291	0.4702
	51 n25w	0.25	0.25	0.25	71.73	0.0	-0.13	0.14	269	41.11	43.26	47.23	0.3124	0.3287	0.4978
	52 n38w	0.375	0.375	0.375	74.26	0.2	-0.5	0.55	291	44.84	47.11	51.8	0.3119	0.3277	0.5421
	53 n50w	0.5	0.5	0.5	77.49	0.5	-0.98	1.11	297	49.93	52.34	58.05	0.3114	0.3265	0.6023
	54 n63w	0.625	0.625	0.625	81.44	0.76	-1.41	1.61	298	56.64	59.27	66.19	0.311	0.3255	0.682
	55 n75w	0.75	0.75	0.75	85.74	0.99	-1.64	1.93	301	64.55	67.46	75.55	0.311	0.325	0.7763
	56 n88w	0.875	0.875	0.875	90.17	0.83	-1.49	1.71	299	73.27	76.67	85.55	0.3111	0.3256	0.8823
	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	1.0194

KG370-7N

$n = 88.59 / (88.59 - 1.23) = 1.014$

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 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS70a für Helligkeit $L^*_N=70$ von Schwarz

System:

TLS70a **Y Gelb**

Monitor: $LCH^*_a = 94.7 \ 35.6 \ 104$

LCD $LAB^*_a = 94.7 \ -8.5 \ 34.6$

Reflexion:

$Y_N = 40.32$

$L^*_N = 69.7$

L Laubgrün

$LCH^*_a = 89.5 \ 45.2 \ 143$

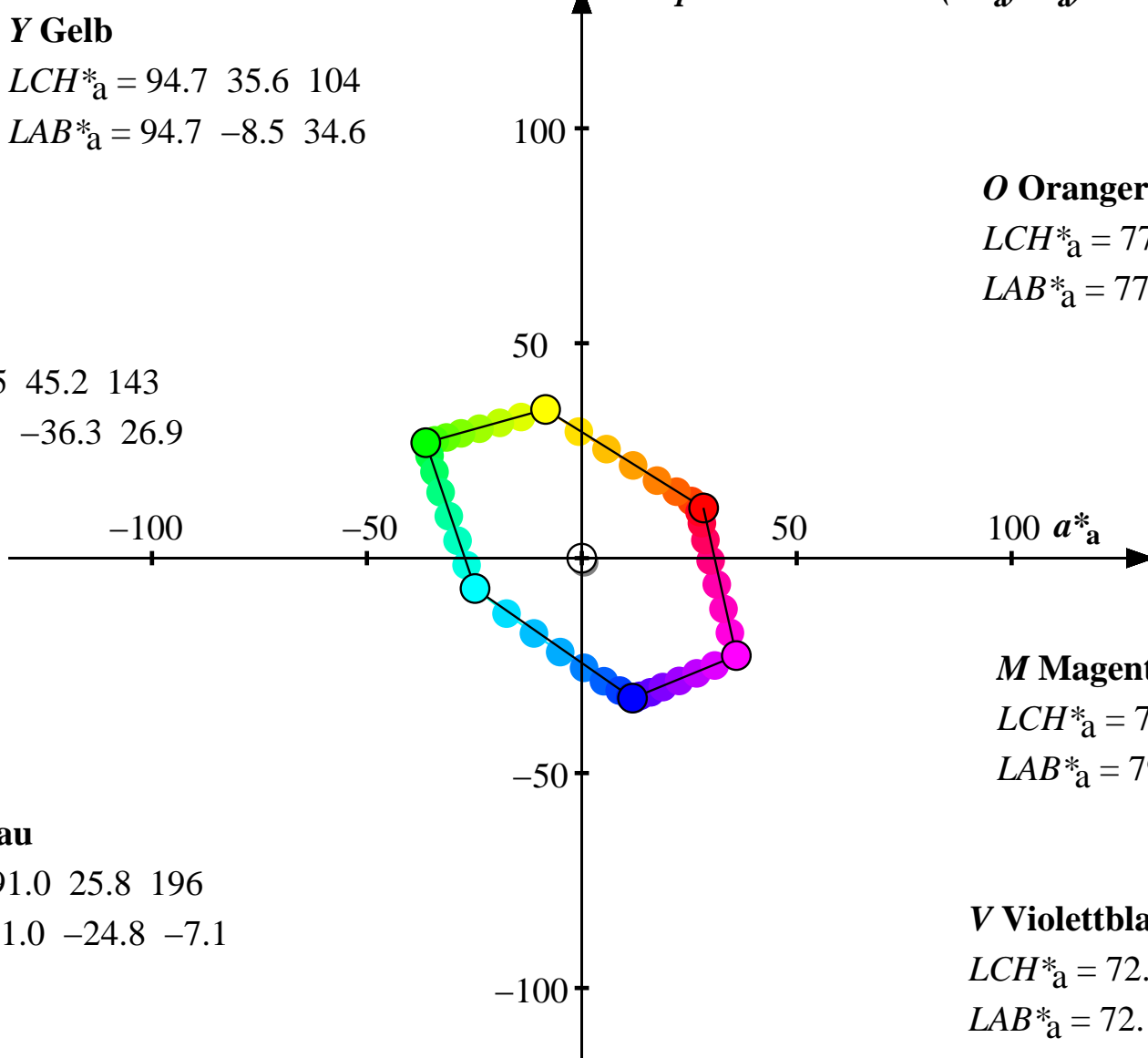
$LAB^*_a = 89.5 \ -36.3 \ 26.9$

C Cyanblau

$LCH^*_a = 91.0 \ 25.8 \ 196$

$LAB^*_a = 91.0 \ -24.8 \ -7.1$

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



O Orangerot

$LCH^*_a = 77.2 \ 30.6 \ 22$

$LAB^*_a = 77.2 \ 28.3 \ 11.7$

M Magentarot

$LCH^*_a = 79.0 \ 42.5 \ 328$

$LAB^*_a = 79.0 \ 36.0 \ -22.7$

V Violettblau

$LCH^*_a = 72.1 \ 34.7 \ 290$

$LAB^*_a = 72.1 \ 11.8 \ -32.6$

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Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37L0NA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS00 für Helligkeit $L^*_N=00$ von Schwarz

System:	Farbe	$r=olv^*_1$	$g=olv^*_2$	$b=olv^*_3$	$L^*_c=LAB^*_1c$	$a^*_c=LAB^*_2c$	$b^*_c=LAB^*_3c$	$C^*_{ab,c}=LAB^*_rc$	$h_{ab,c}$	$X_c=XYZ^*_1c$	$Y_c=XYZ^*_2c$	$Z_c=XYZ^*_3c$	x_c	y_c	$Y_c/88.59$
TLS00	00 o00y	1.0	0.0	0.0	56.02	77.48	66.45	102.07	42	44.38	23.93	2.62	0.6257	0.3374	0.2701
Monitor:	01 o13y	1.0	0.125	0.0	56.02	77.28	66.41	101.9	42	44.31	23.93	2.62	0.6253	0.3377	0.2701
CRT	02 o25y	1.0	0.25	0.0	57.92	71.8	67.19	98.34	45	45.26	25.88	2.98	0.6106	0.3492	0.2921
	03 o38y	1.0	0.375	0.0	62.19	59.5	69.13	91.21	51	47.4	30.62	3.86	0.5789	0.374	0.3457
	04 o50y	1.0	0.5	0.0	67.72	44.39	72.09	84.66	61	50.6	37.59	5.13	0.5422	0.4028	0.4243
	05 o63y	1.0	0.625	0.0	73.76	28.82	75.54	80.86	72	54.63	46.33	6.76	0.5071	0.4301	0.523
	06 o75y	1.0	0.75	0.0	79.96	13.76	79.39	80.57	83	59.35	56.61	8.67	0.4762	0.4542	0.639
	07 o88y	1.0	0.875	0.0	86.01	0.2	83.63	83.63	93	64.73	68.01	10.69	0.4513	0.4742	0.7677
	08 y00l	1.0	1.0	0.0	91.93	-12.99	87.13	88.09	101	70.31	80.55	13.19	0.4286	0.491	0.9092
	09 y13l	0.875	1.0	0.0	89.64	-24.0	84.58	87.92	108	61.01	75.52	12.63	0.409	0.5063	0.8525
	10 y25l	0.75	1.0	0.0	87.47	-35.92	82.12	89.64	116	52.43	70.97	12.15	0.3868	0.5236	0.8011
	11 y38l	0.625	1.0	0.0	85.44	-48.24	79.84	93.29	123	44.75	66.87	11.69	0.3629	0.5413	0.7548
	12 y50l	0.5	1.0	0.0	83.56	-60.65	77.73	98.6	129	38.03	63.22	11.28	0.338	0.5618	0.7136
	13 y63l	0.375	1.0	0.0	82.02	-72.3	75.94	104.86	134	32.65	60.33	10.97	0.3141	0.5804	0.681
	14 y75l	0.25	1.0	0.0	80.88	-82.0	74.62	110.88	138	28.73	58.25	10.74	0.294	0.5961	0.6575
	15 y88l	0.125	1.0	0.0	80.25	-87.72	73.89	114.7	140	26.61	57.12	10.61	0.2821	0.6054	0.6447
	16 l00c	0.0	1.0	0.0	80.17	-88.48	73.79	115.22	141	26.35	56.98	10.61	0.2805	0.6066	0.6432
	17 l13c	0.0	1.0	0.125	80.16	-88.43	73.41	114.94	141	26.35	56.96	10.73	0.2802	0.6057	0.643
	18 l25c	0.0	1.0	0.25	80.28	-86.86	66.19	109.21	143	26.86	57.18	13.53	0.2753	0.586	0.6454
	19 l38c	0.0	1.0	0.375	80.6	-83.19	51.95	98.09	148	28.12	57.74	20.48	0.2644	0.543	0.6518
	20 l50c	0.0	1.0	0.5	81.07	-77.87	35.94	85.77	155	30.02	58.59	30.89	0.2512	0.4903	0.6614
	21 l63c	0.0	1.0	0.625	81.71	-71.7	20.47	74.58	163	32.45	59.76	44.11	0.238	0.4384	0.6746
	22 l75c	0.0	1.0	0.75	82.43	-64.7	5.72	64.96	174	35.34	61.1	60.02	0.2259	0.3905	0.6897
	23 l88c	0.0	1.0	0.875	83.26	-57.4	-7.78	57.93	185	38.65	62.66	77.97	0.2156	0.3495	0.7073
	24 c00v	0.0	1.0	1.0	84.22	-50.12	-20.03	53.99	198	42.33	64.49	97.58	0.2071	0.3155	0.728
	25 c13v	0.0	0.875	1.0	77.24	-38.2	-30.47	48.88	214	36.57	51.93	95.19	0.1991	0.2827	0.5862
	26 c25v	0.0	0.75	1.0	69.81	-24.32	-41.97	48.52	235	31.36	40.48	93.23	0.19	0.2452	0.4569
	27 c38v	0.0	0.675	1.0	61.76	-8.13	-54.27	54.89	258	26.59	30.12	90.95	0.1801	0.204	0.34
	28 c50v	0.0	0.5	1.0	53.37	10.02	-67.62	68.37	276	22.44	21.38	89.33	0.1685	0.1606	0.2414
	29 c63v	0.0	0.375	1.0	44.84	31.31	-81.6	87.41	290	19.23	14.43	88.29	0.1577	0.1183	0.1628
	30 c75v	0.0	0.25	1.0	37.25	52.3	-94.04	107.62	298	17.02	9.67	87.38	0.1492	0.0848	0.1092
	31 c88v	0.0	0.125	1.0	33.58	63.94	-100.42	119.06	302	16.27	7.81	87.45	0.1459	0.07	0.0881
	32 v00m	0.0	0.0	1.0	33.4	63.27	-100.11	118.43	302	16.02	7.72	86.57	0.1452	0.07	0.0872
	33 v13m	0.125	0.0	1.0	33.76	63.95	-100.02	118.72	302	16.41	7.89	87.32	0.147	0.0707	0.0891
	34 v25m	0.25	0.0	1.0	36.14	65.42	-95.89	116.09	304	18.57	9.08	87.28	0.1616	0.079	0.1025
	35 v38m	0.375	0.0	1.0	39.92	68.67	-89.58	112.88	307	22.58	11.2	87.57	0.1861	0.0923	0.1264
	36 v50m	0.5	0.0	1.0	44.48	73.01	-82.23	109.98	311	28.25	14.17	88.31	0.2161	0.1084	0.16
	37 v63m	0.625	0.0	1.0	49.17	76.2	-73.8	106.09	315	34.63	17.73	87.83	0.247	0.1265	0.2002
	38 v75m	0.75	0.0	1.0	54.0	80.89	-66.0	104.41	320	42.59	21.98	88.59	0.2781	0.1435	0.2481
	39 v88m	0.875	0.0	1.0	58.64	85.03	-58.09	102.99	325	51.17	26.64	88.71	0.3073	0.16	0.3008
	40 m00o	1.0	0.0	1.0	63.05	89.51	-50.96	103.0	330	60.56	31.65	89.38	0.3335	0.1743	0.3573
	41 m13o	1.0	0.0	0.875	61.53	87.25	-38.83	95.5	336	56.9	29.85	69.87	0.3633	0.1906	0.337
	42 m25o	1.0	0.0	0.75	60.16	84.9	-25.02	88.51	344	53.63	28.3	52.01	0.4004	0.2113	0.3194
	43 m38o	1.0	0.0	0.675	58.9	82.72	-9.32	83.25	354	50.72	26.92	36.13	0.4458	0.2366	0.3038
	44 m50o	1.0	0.0	0.5	57.81	85.9	4.99	86.05	4	50.15	25.76	24.88	0.4976	0.2556	0.2908
	45 m63o	1.0	0.0	0.375	56.92	79.09	28.43	84.05	21	46.29	24.84	12.53	0.5533	0.2969	0.2804
	46 m75o	1.0	0.0	0.25	56.33	78.02	50.44	92.9	35	45.03	24.24	5.58	0.6016	0.3239	0.2737
	47 m88o	1.0	0.0	0.125	56.09	77.63	65.6	101.63	42	44.54	24.01	2.75	0.6247	0.3367	0.271
	48 o00y	1.0	0.0	0.0	56.02	77.48	66.45	102.07	42	44.38	23.93	2.62	0.6257	0.3374	0.2701
	49 n00w	0.0	0.0	0.0	0.46	-0.16	-0.09	0.2	0	0.04	0.05	0.06	0.2802	0.323	0.0006
	50 n13w	0.125	0.125	0.125	2.38	4.33	1.25	4.5	18	0.36	0.26	0.2	0.435	0.3218	0.003
	51 n25w	0.25	0.25	0.25	22.26	7.95	2.57	8.36	25	3.93	3.59	3.47	0.3576	0.3267	0.0405
	52 n38w	0.375	0.375	0.375	39.92	6.15	1.68	6.38	33	11.48	11.2	11.57	0.3352	0.327	0.1264
	53 n50w	0.5	0.5	0.5	54.11	5.42	0.6	5.45	37	22.13	22.08	23.68	0.326	0.3252	0.2492
	54 n63w	0.625	0.625	0.625	66.29	5.06	-0.08	5.06	44	35.4	35.7	38.95	0.3217	0.3244	0.403
	55 n75w	0.75	0.75	0.75	77.06	4.96	-1.02	5.06	43	50.91	51.63	57.3	0.3185	0.323	0.5828
	56 n88w	0.875	0.875	0.875	86.67	5.13	-1.86	5.46	27	68.21	69.33	77.9	0.3166	0.3218	0.7826
	57 n99w	1.0	1.0	1.0	95.41	4.95	-2.4	5.51	0	86.83	88.59	100.14	0.3151	0.3215	1.0

KG370-7N

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 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS00 für Helligkeit $L^*_N=00$ von Schwarz

System:

TLS00

Y Gelb

Monitor:

$LCH^* = 91.9 \ 88.1 \ 98$

CRT

$LAB^* = 91.9 \ -13.0 \ 87.1$

L Laubgrün

$LCH^* = 80.2 \ 115.2 \ 140$

$LAB^* = 80.2 \ -88.5 \ 73.8$

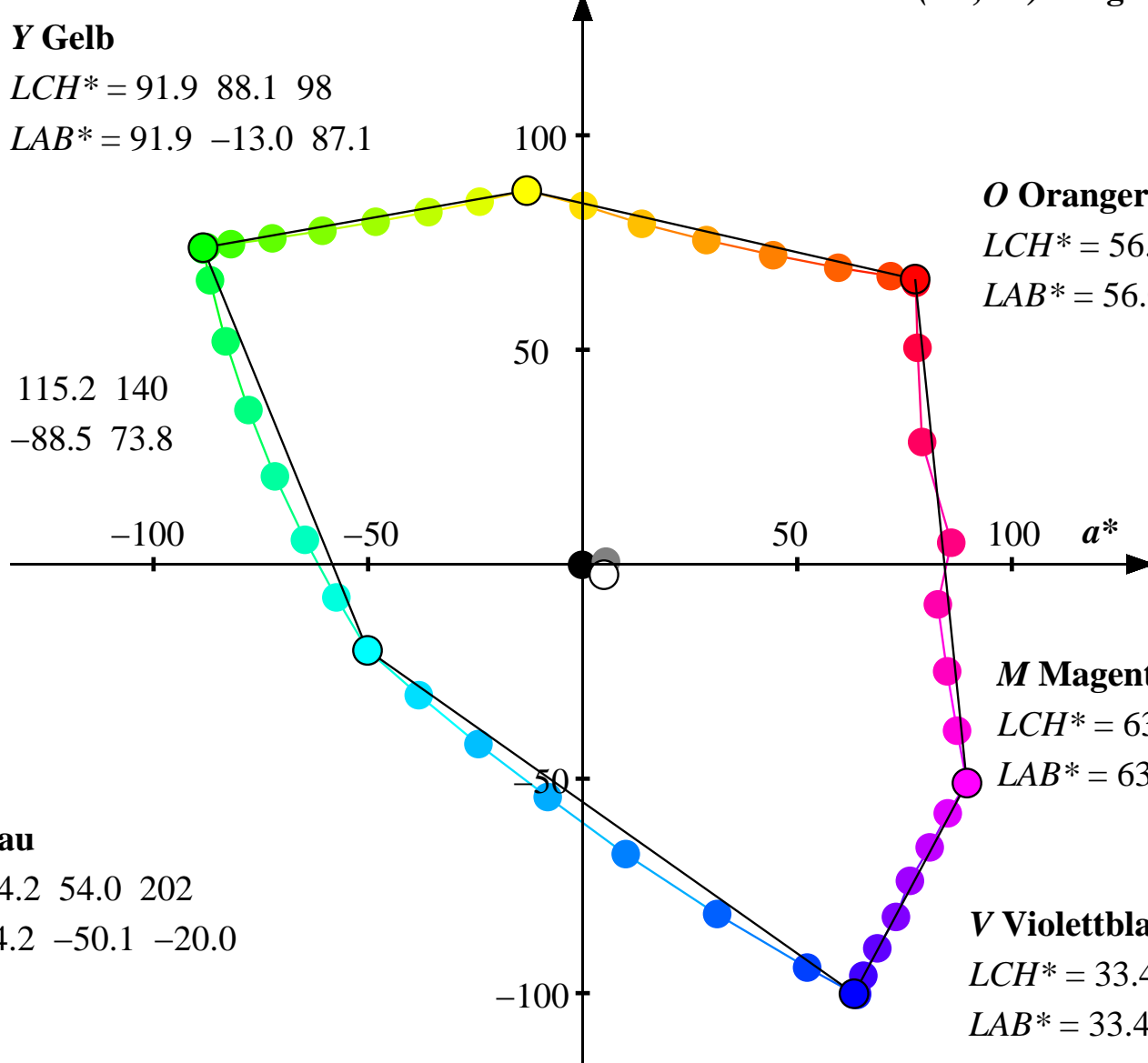
C Cyanblau

$LCH^* = 84.2 \ 54.0 \ 202$

$LAB^* = 84.2 \ -50.1 \ -20.0$

b^*

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



O Orangerot

$LCH^* = 56.0 \ 102.1 \ 41$

$LAB^* = 56.0 \ 77.5 \ 66.4$

M Magentarot

$LCH^* = 63.1 \ 103.0 \ 330$

$LAB^* = 63.1 \ 89.5 \ -51.0$

V Violettblau

$LCH^* = 33.4 \ 118.4 \ 302$

$LAB^* = 33.4 \ 63.3 \ -100.1$

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 Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20100601-KG37/KG37L0NA.TXT /.PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

KG370-7N

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS00a für Helligkeit $L^*_N=00$ von Schwarz

System:	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	$Y_a/88.59$
TLS00a	00 o00y	1.0	0.0	0.0	56.02	74.66	67.9	100.92	42	43.41	23.93	2.42	0.6223	0.343	0.2701
	01 o13y	1.0	0.125	0.0	56.02	74.46	67.87	100.75	42	43.35	23.93	2.43	0.6219	0.3433	0.2701
	02 o25y	1.0	0.25	0.0	57.92	68.88	68.69	97.27	45	44.24	25.88	2.76	0.607	0.3551	0.2921
	03 o38y	1.0	0.375	0.0	62.19	56.34	70.73	90.43	51	46.28	30.62	3.58	0.575	0.3805	0.3457
Monitor:	04 o50y	1.0	0.5	0.0	67.72	40.94	73.83	84.42	61	49.32	37.59	4.77	0.5379	0.41	0.4243
CRT	05 o63y	1.0	0.625	0.0	73.76	25.04	77.43	81.38	72	53.15	46.33	6.29	0.5025	0.438	0.523
	06 o75y	1.0	0.75	0.0	79.96	9.64	81.42	81.99	83	57.65	56.61	8.07	0.4713	0.4627	0.639
	07 o88y	1.0	0.875	0.0	86.01	-4.23	85.82	85.92	93	62.79	68.01	9.94	0.4461	0.4832	0.7677
	08 y00l	1.0	1.0	0.0	91.93	-17.76	89.45	91.2	101	68.11	80.55	12.28	0.4232	0.5005	0.9092
	09 y13l	0.875	1.0	0.0	89.64	-28.64	86.85	91.46	108	59.06	75.52	11.77	0.4035	0.516	0.8525
	10 y25l	0.75	1.0	0.0	87.47	-40.44	84.34	93.54	116	50.72	70.97	11.32	0.3813	0.5336	0.8011
	11 y38l	0.625	1.0	0.0	85.44	-52.65	82.01	97.46	123	43.24	66.87	10.91	0.3573	0.5526	0.7548
	12 y50l	0.5	1.0	0.0	83.56	-64.96	79.85	102.95	129	36.72	63.22	10.53	0.3324	0.5723	0.7136
	13 y63l	0.375	1.0	0.0	82.02	-76.53	78.03	109.3	134	31.48	60.33	10.25	0.3085	0.5911	0.681
	14 y75l	0.25	1.0	0.0	80.88	-86.16	76.68	115.35	138	27.67	58.25	10.04	0.2884	0.607	0.6575
	15 y88l	0.125	1.0	0.0	80.25	-91.85	75.94	119.18	140	25.62	57.12	9.92	0.2765	0.6164	0.6447
	16 l00c	0.0	1.0	0.0	80.17	-92.61	75.83	119.7	141	25.36	56.98	9.92	0.2749	0.6176	0.6432
	17 l13c	0.0	1.0	0.125	80.16	-92.56	75.45	119.42	141	25.36	56.96	10.04	0.2746	0.6167	0.643
	18 l25c	0.0	1.0	0.25	80.28	-90.99	68.23	113.74	143	25.86	57.18	12.72	0.2701	0.5971	0.6454
	19 l38c	0.0	1.0	0.375	80.6	-87.34	54.0	102.7	148	27.08	57.74	19.4	0.2598	0.554	0.6518
	20 l50c	0.0	1.0	0.5	81.07	-82.05	38.0	90.43	155	28.93	58.59	29.46	0.2473	0.5009	0.6614
	21 l63c	0.0	1.0	0.625	81.71	-75.92	22.55	79.2	163	31.29	59.76	42.28	0.2346	0.4482	0.6746
	22 l75c	0.0	1.0	0.75	82.43	-68.95	7.82	69.4	174	34.11	61.1	57.75	0.223	0.3995	0.6897
	23 l88c	0.0	1.0	0.875	83.26	-61.69	-5.66	61.96	185	37.32	62.66	75.23	0.213	0.3576	0.7073
	24 c00v	0.0	1.0	1.0	84.22	-54.47	-17.89	57.34	198	40.9	64.49	94.37	0.2048	0.3228	0.728
	25 c13v	0.0	0.875	1.0	77.24	-42.17	-28.5	50.91	214	35.39	51.93	92.28	0.197	0.2891	0.5862
	26 c25v	0.0	0.75	1.0	69.81	-27.89	-40.18	48.93	235	30.4	40.48	90.62	0.1882	0.2506	0.4569
	27 c38v	0.0	0.625	1.0	61.76	-11.26	-52.68	53.88	258	25.84	30.12	88.66	0.1787	0.2083	0.34
	28 c50v	0.0	0.5	1.0	53.37	7.34	-66.23	66.65	276	21.86	21.38	87.36	0.1674	0.1637	0.2414
	29 c63v	0.0	0.375	1.0	44.84	29.09	-80.42	85.52	290	18.8	14.43	86.62	0.1568	0.1204	0.1628
	30 c75v	0.0	0.25	1.0	37.25	50.49	-93.04	105.87	298	16.69	9.67	85.98	0.1486	0.0861	0.1092
	31 c88v	0.0	0.125	1.0	33.58	62.33	-99.51	117.43	302	15.99	7.81	86.17	0.1454	0.071	0.0881
	32 v00m	0.0	0.0	1.0	33.4	61.66	-99.21	116.82	302	15.74	7.72	85.31	0.1447	0.071	0.0872
	33 v13m	0.125	0.0	1.0	33.76	62.32	-99.11	117.08	302	16.12	7.89	86.04	0.1465	0.0717	0.0891
	34 v25m	0.25	0.0	1.0	36.14	63.67	-94.92	114.3	304	18.24	9.08	85.92	0.1611	0.0802	0.1025
	35 v38m	0.375	0.0	1.0	39.92	66.72	-88.51	110.85	307	22.16	11.2	86.08	0.1855	0.0938	0.1264
	36 v50m	0.5	0.0	1.0	44.48	70.81	-81.06	107.64	311	27.69	14.17	86.65	0.2155	0.1103	0.16
	37 v63m	0.625	0.0	1.0	49.17	73.75	-72.52	103.43	315	33.92	17.73	86.03	0.2464	0.1288	0.2002
	38 v75m	0.75	0.0	1.0	54.0	78.18	-64.6	101.42	320	41.69	21.98	86.6	0.2774	0.1463	0.2481
	39 v88m	0.875	0.0	1.0	58.64	82.07	-56.57	99.68	325	50.06	26.64	86.57	0.3066	0.1632	0.3008
	40 m00o	1.0	0.0	1.0	63.05	86.31	-49.33	99.42	330	59.22	31.65	87.07	0.3328	0.1779	0.3573
	41 m13o	1.0	0.0	0.875	61.53	84.13	-37.24	92.0	336	55.65	29.85	67.96	0.3626	0.1945	0.337
	42 m25o	1.0	0.0	0.75	60.16	81.85	-23.47	85.15	344	52.45	28.3	50.47	0.3997	0.2157	0.3194
	43 m38o	1.0	0.0	0.625	58.9	79.74	-7.8	80.12	354	49.61	26.92	34.95	0.445	0.2415	0.3038
	44 m50o	1.0	0.0	0.5	57.81	82.98	6.49	83.28	4	49.07	25.76	23.97	0.4967	0.2607	0.2908
	45 m63o	1.0	0.0	0.375	56.92	76.22	29.91	81.88	21	45.28	24.84	11.97	0.5516	0.3026	0.2804
	46 m75o	1.0	0.0	0.25	56.33	75.18	51.9	91.35	35	44.05	24.24	5.25	0.5989	0.3296	0.2737
	47 m88o	1.0	0.0	0.125	56.09	74.8	67.06	100.46	42	43.57	24.01	2.55	0.6213	0.3423	0.271
	48 o00y	1.0	0.0	0.0	56.02	74.66	67.9	100.92	42	43.41	23.93	2.42	0.6223	0.343	0.2701
	49 n00w	0.0	0.0	0.0	0.46	0.0	0.0	0.01	0	0.05	0.05	0.06	0.3127	0.329	0.0006
	50 n13w	0.125	0.125	0.125	2.38	4.39	1.4	4.61	18	0.36	0.26	0.19	0.4418	0.3253	0.003
	51 n25w	0.25	0.25	0.25	22.26	6.95	3.2	7.65	25	3.86	3.59	3.37	0.357	0.3319	0.0405
	52 n38w	0.375	0.375	0.375	39.92	4.2	2.74	5.01	33	11.21	11.2	11.19	0.3337	0.3334	0.1264
	53 n50w	0.5	0.5	0.5	54.11	2.7	2.01	3.37	37	21.55	22.08	22.86	0.3241	0.3321	0.2492
	54 n63w	0.625	0.625	0.625	66.29	1.68	1.61	2.33	44	34.41	35.7	37.56	0.3196	0.3315	0.403
	55 n75w	0.75	0.75	0.75	77.06	1.0	0.93	1.37	43	49.43	51.63	55.23	0.3163	0.3303	0.5828
	56 n88w	0.875	0.875	0.875	86.67	0.65	0.33	0.73	27	66.18	69.33	75.06	0.3143	0.3292	0.7826
	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

KG370-7N

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS00a für Helligkeit $L^*_N=00$ von Schwarz
System: *adaptiertes CIELAB (a^*_a , b^*_a)-Diagramm*

TLS00a **Y Gelb**
Monitor: $LCH^*_a = 91.9 \ 91.2 \ 101$
CRT $LAB^*_a = 91.9 \ -17.8 \ 89.5$

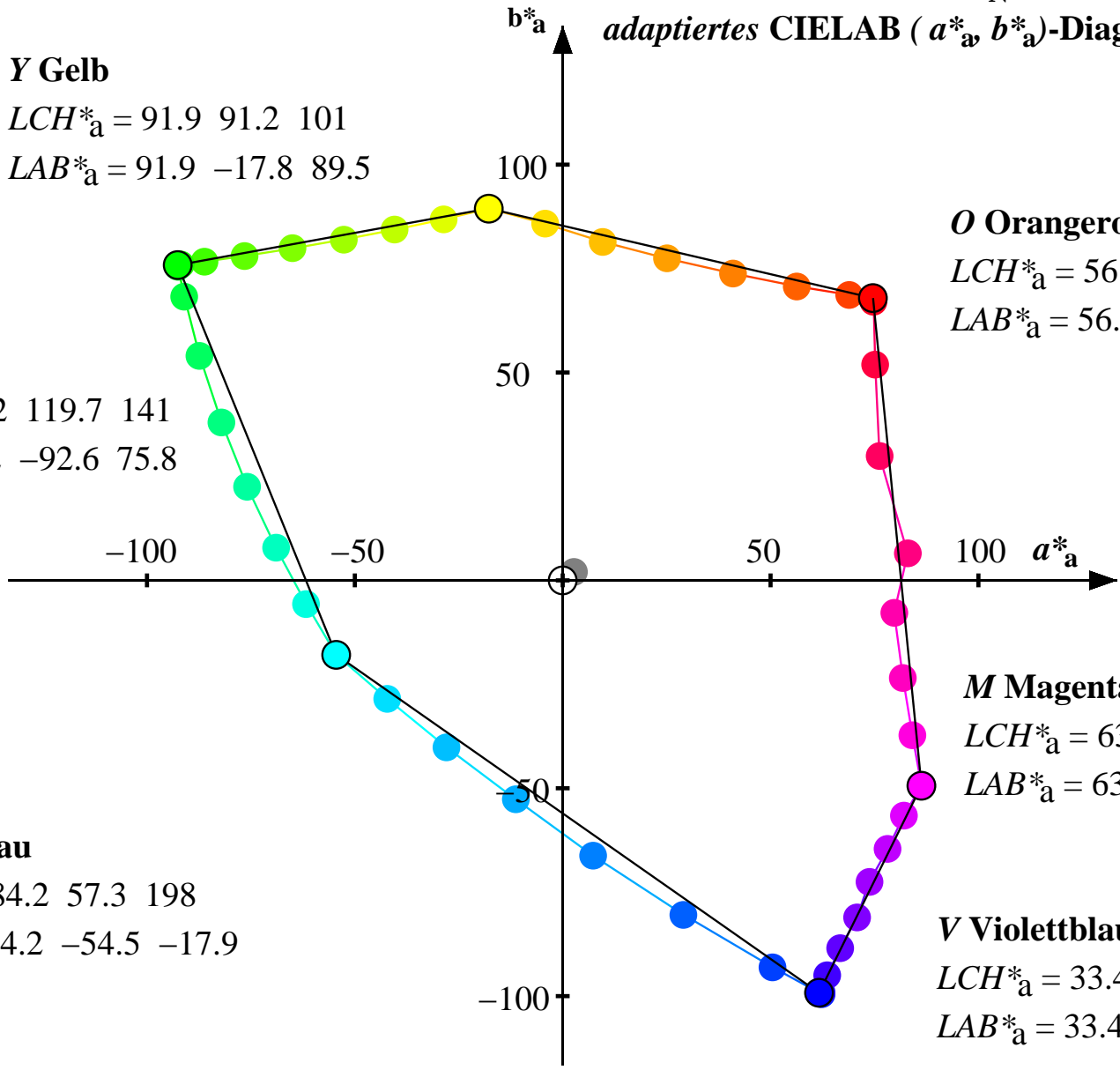
L Laubgrün
 $LCH^*_a = 80.2 \ 119.7 \ 141$
 $LAB^*_a = 80.2 \ -92.6 \ 75.8$

C Cyanblau
 $LCH^*_a = 84.2 \ 57.3 \ 198$
 $LAB^*_a = 84.2 \ -54.5 \ -17.9$

O Orangerot
 $LCH^*_a = 56.0 \ 100.9 \ 42$
 $LAB^*_a = 56.0 \ 74.7 \ 67.9$

M Magentarot
 $LCH^*_a = 63.1 \ 99.4 \ 330$
 $LAB^*_a = 63.1 \ 86.3 \ -49.3$

V Violettblau
 $LCH^*_a = 33.4 \ 116.8 \ 302$
 $LAB^*_a = 33.4 \ 61.7 \ -99.2$



Siehe Original/Kopie: <http://web.me.com/Klaus.richter/KG37/KG37L0NA.TXT> /.PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37L0NA.TXT /.PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

KG370-7N

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS00a für Helligkeit $L^*_N=00$ von Schwarz

System:	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	$Y_a/88.59$	
TLS00a	00 o00y	1.0	0.0	0.0	55.98	74.75	68.26	101.23	42	43.39	23.89	2.37	0.623	0.343	0.2966
	01 o13y	1.0	0.125	0.0	55.98	74.55	68.22	101.06	42	43.32	23.89	2.37	0.6226	0.3433	0.2966
	02 o25y	1.0	0.25	0.0	57.89	68.96	69.01	97.56	45	44.22	25.85	2.71	0.6076	0.3551	0.3209
	03 o38y	1.0	0.375	0.0	62.16	56.4	71.0	90.68	52	46.26	30.59	3.53	0.5755	0.3806	0.3798
	04 o50y	1.0	0.5	0.0	67.7	40.98	74.05	84.63	61	49.3	37.56	4.72	0.5383	0.4102	0.4664
	05 o63y	1.0	0.625	0.0	73.74	25.06	77.62	81.56	72	53.13	46.31	6.24	0.5028	0.4382	0.575
	06 o75y	1.0	0.75	0.0	79.95	9.65	81.58	82.15	83	57.64	56.59	8.02	0.4715	0.4629	0.7026
	07 o88y	1.0	0.875	0.0	86.01	-4.23	85.96	86.06	93	62.77	68.0	9.89	0.4463	0.4834	0.8443
	08 y00l	1.0	1.0	0.0	91.93	-17.77	89.58	91.32	101	68.1	80.54	12.23	0.4233	0.5006	1.0
	09 y13l	0.875	1.0	0.0	89.63	-28.66	86.98	91.58	108	59.05	75.51	11.72	0.4036	0.5162	0.9376
	10 y25l	0.75	1.0	0.0	87.47	-40.47	84.47	93.67	116	50.7	70.96	11.28	0.3814	0.5338	0.8811
	11 y38l	0.625	1.0	0.0	85.43	-52.7	82.13	97.59	123	43.22	66.85	10.86	0.3574	0.5528	0.8301
	12 y50l	0.5	1.0	0.0	83.55	-65.02	79.98	103.08	129	36.69	63.2	10.48	0.3324	0.5727	0.7847
	13 y63l	0.375	1.0	0.0	82.01	-76.6	78.16	109.44	134	31.45	60.32	10.2	0.3085	0.5915	0.7489
	14 y75l	0.25	1.0	0.0	80.87	-86.25	76.81	115.5	138	27.64	58.23	9.99	0.2883	0.6075	0.723
	15 y88l	0.125	1.0	0.0	80.24	-91.95	76.07	119.34	140	25.59	57.1	9.87	0.2764	0.6169	0.7089
	16 l00c	0.0	1.0	0.0	80.16	-92.71	75.96	119.86	141	25.33	56.96	9.87	0.2748	0.6181	0.7073
	17 l13c	0.0	1.0	0.125	80.15	-92.66	75.58	119.58	141	25.33	56.95	9.99	0.2745	0.6172	0.707
	18 l25c	0.0	1.0	0.25	80.27	-91.09	68.34	113.88	143	25.83	57.16	12.67	0.27	0.5976	0.7097
	19 l38c	0.0	1.0	0.375	80.59	-87.43	54.07	102.81	148	27.05	57.73	19.36	0.2597	0.5544	0.7167
	20 l50c	0.0	1.0	0.5	81.06	-82.13	38.04	90.52	155	28.9	58.58	29.42	0.2472	0.5011	0.7273
	21 l63c	0.0	1.0	0.625	81.7	-75.99	22.57	79.28	163	31.26	59.75	42.25	0.2346	0.4484	0.7418
	22 l75c	0.0	1.0	0.75	82.42	-69.01	7.82	69.46	174	34.08	61.08	57.72	0.2229	0.3995	0.7584
	23 l88c	0.0	1.0	0.875	83.25	-61.74	-5.67	62.02	185	37.3	62.64	75.22	0.2129	0.3576	0.7778
	24 c00v	0.0	1.0	1.0	84.21	-54.52	-17.9	57.39	198	40.88	64.48	94.37	0.2047	0.3228	0.8005
	25 c13v	0.0	0.875	1.0	77.23	-42.21	-28.52	50.96	214	35.36	51.91	92.28	0.1969	0.2891	0.6445
	26 c25v	0.0	0.75	1.0	69.79	-27.93	-40.21	48.97	235	30.37	40.45	90.62	0.1881	0.2505	0.5022
	27 c38v	0.0	0.625	1.0	61.73	-11.28	-52.73	53.93	258	25.8	30.09	88.66	0.1785	0.2082	0.3736
	28 c50v	0.0	0.5	1.0	53.33	7.35	-66.3	66.72	276	21.82	21.35	87.35	0.1672	0.1635	0.265
	29 c63v	0.0	0.375	1.0	44.78	29.15	-80.52	85.64	290	18.76	14.38	86.61	0.1566	0.1201	0.1786
	30 c75v	0.0	0.25	1.0	37.17	50.63	-93.18	106.06	299	16.66	9.63	85.98	0.1484	0.0858	0.1195
	31 c88v	0.0	0.125	1.0	33.48	62.53	-99.68	117.67	302	15.95	7.76	86.17	0.1452	0.0706	0.0964
	32 v00m	0.0	0.0	1.0	33.3	61.86	-99.37	117.06	302	15.7	7.68	85.31	0.1445	0.0706	0.0953
	33 v13m	0.125	0.0	1.0	33.66	62.52	-99.27	117.33	302	16.08	7.85	86.04	0.1463	0.0713	0.0974
	34 v25m	0.25	0.0	1.0	36.05	63.85	-95.06	114.52	304	18.2	9.03	85.91	0.1609	0.0798	0.1122
	35 v38m	0.375	0.0	1.0	39.84	66.87	-88.64	111.04	307	22.12	11.16	86.07	0.1854	0.0935	0.1385
	36 v50m	0.5	0.0	1.0	44.42	70.94	-81.16	107.8	311	27.66	14.13	86.65	0.2154	0.11	0.1754
	37 v63m	0.625	0.0	1.0	49.12	73.86	-72.6	103.57	315	33.89	17.69	86.02	0.2463	0.1286	0.2197
	38 v75m	0.75	0.0	1.0	53.96	78.28	-64.67	101.54	320	41.67	21.94	86.6	0.2774	0.1461	0.2724
	39 v88m	0.875	0.0	1.0	58.61	82.16	-56.63	99.79	325	50.04	26.61	86.56	0.3066	0.163	0.3304
	40 m00o	1.0	0.0	1.0	63.03	86.39	-49.38	99.51	330	59.2	31.62	87.07	0.3328	0.1777	0.3926
	41 m13o	1.0	0.0	0.875	61.5	84.21	-37.28	92.1	336	55.63	29.82	67.94	0.3627	0.1944	0.3702
	42 m25o	1.0	0.0	0.75	60.13	81.94	-23.49	85.24	344	52.43	28.26	50.44	0.3998	0.2155	0.3509
	43 m38o	1.0	0.0	0.625	58.86	79.83	-7.81	80.21	354	49.59	26.88	34.92	0.4452	0.2413	0.3338
	44 m50o	1.0	0.0	0.5	57.78	83.07	6.5	83.33	4	49.05	25.73	23.93	0.4969	0.2606	0.3194
	45 m63o	1.0	0.0	0.375	56.88	76.31	29.98	81.98	21	45.26	24.8	11.92	0.5521	0.3025	0.3079
	46 m75o	1.0	0.0	0.25	56.29	75.27	52.08	91.53	35	44.03	24.21	5.2	0.5995	0.3296	0.3005
	47 m88o	1.0	0.0	0.125	56.06	74.89	67.4	100.75	42	43.55	23.97	2.5	0.622	0.3423	0.2976
	48 o00y	1.0	0.0	0.0	55.98	74.75	68.26	101.23	42	43.39	23.89	2.37	0.623	0.343	0.2966
	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	1.92	4.4	1.4	4.62	18	0.31	0.21	0.13	0.4723	0.3244	0.0026
	51 n25w	0.25	0.25	0.25	22.09	7.01	3.24	7.72	25	3.81	3.54	3.31	0.3576	0.3319	0.044
	52 n38w	0.375	0.375	0.375	39.84	4.21	2.75	5.03	33	11.17	11.16	11.14	0.3338	0.3334	0.1385
	53 n50w	0.5	0.5	0.5	54.07	2.7	2.01	3.37	37	21.52	22.04	22.82	0.3242	0.3321	0.2737
	54 n63w	0.625	0.625	0.625	66.27	1.69	1.61	2.33	44	34.39	35.67	37.53	0.3196	0.3316	0.4429
	55 n75w	0.75	0.75	0.75	77.04	1.0	0.94	1.73	43	49.41	51.61	55.21	0.3163	0.3303	0.6407
	56 n88w	0.875	0.875	0.875	86.66	0.65	0.33	1.03	27	66.17	69.32	75.05	0.3143	0.3292	0.8606
	57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	85	84.2	88.59	96.46	0.3127	0.329	1.0999

KG370-7N

$n = 88.59 / (88.59 - 0.05) = 1.001$

TUB-Prüfvorlage KG37; Bunttonkreis und farbmetrische Daten input: *olv* setrgbcolor*
 Messung: LCD- und CRT-Display und LCD-Projektor output: *no change compared to input*

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS00a für Helligkeit $L^*_N=00$ von Schwarz
System: *adaptiertes CIELAB (a^*_a, b^*_a)-Diagramm*

TLS00a **Y Gelb**
Monitor: $LCH^*_a = 91.9 \ 91.3 \ 101$
CRT $LAB^*_a = 91.9 \ -17.8 \ 89.6$

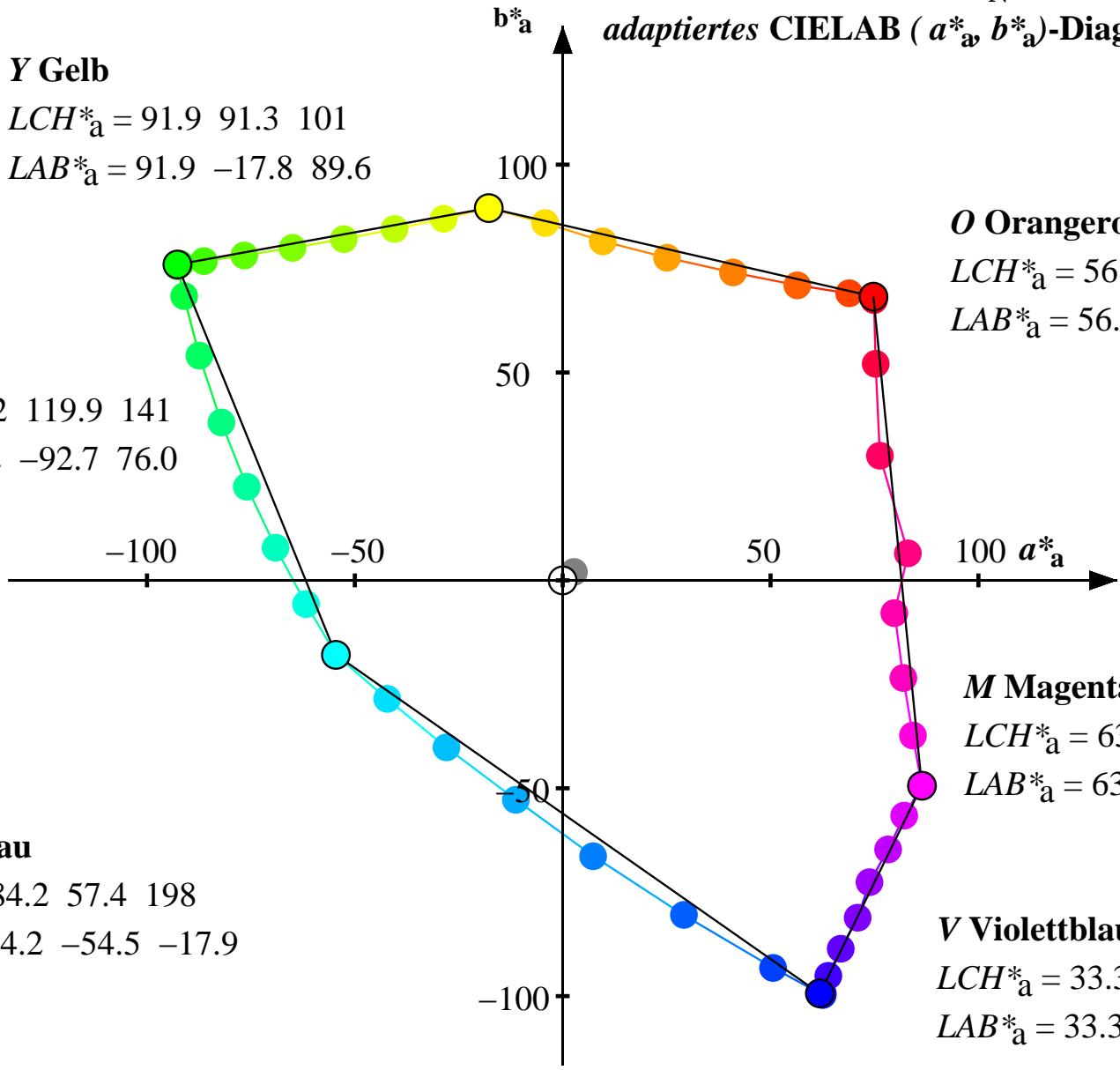
L Laubgrün
 $LCH^*_a = 80.2 \ 119.9 \ 141$
 $LAB^*_a = 80.2 \ -92.7 \ 76.0$

C Cyanblau
 $LCH^*_a = 84.2 \ 57.4 \ 198$
 $LAB^*_a = 84.2 \ -54.5 \ -17.9$

O Orangerot
 $LCH^*_a = 56.0 \ 101.2 \ 42$
 $LAB^*_a = 56.0 \ 74.7 \ 68.3$

M Magentarot
 $LCH^*_a = 63.0 \ 99.5 \ 330$
 $LAB^*_a = 63.0 \ 86.4 \ -49.4$

V Violettblau
 $LCH^*_a = 33.3 \ 117.1 \ 302$
 $LAB^*_a = 33.3 \ 61.9 \ -99.4$



Siehe Original/Kopie: <http://web.me.com/Klaus.richter/KG37/KG37L0NA.TXT> /.PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37L0NA.TXT /.PS
 Anwendung für Messung von Drucker- oder Monitorsystemen
 TUB-Material: Code=rh4ta

KG370-7N

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS00a für Helligkeit $L^*_N=00$ von Schwarz

System:	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	$Y_a/88.59$
TLS00a	00 o00y	1.0	0.0	0.0	55.98	74.75	68.26	101.23	42	43.39	23.89	0.237	0.343	0.2966
	01 o13y	1.0	0.125	0.0	55.98	74.55	68.22	101.06	42	43.32	23.89	0.6226	0.3433	0.2966
	02 o25y	1.0	0.25	0.0	57.89	68.96	69.01	97.56	45	44.22	25.85	0.6076	0.3551	0.3209
	03 o38y	1.0	0.375	0.0	62.16	56.4	71.0	90.68	52	46.26	30.59	0.5755	0.3806	0.3798
Monitor:	04 o50y	1.0	0.5	0.0	67.7	40.98	74.05	84.63	61	49.3	37.56	0.5383	0.4102	0.4664
CRT	05 o63y	1.0	0.625	0.0	73.74	25.06	77.62	81.56	72	53.13	46.31	0.5028	0.4382	0.575
	06 o75y	1.0	0.75	0.0	79.95	9.65	81.58	82.15	83	57.64	56.59	0.4715	0.4629	0.7026
Reflexion:	07 o88y	1.0	0.875	0.0	86.01	-4.23	85.96	86.06	93	62.77	68.0	0.4463	0.4834	0.8443
	08 y00l	1.0	1.0	0.0	91.93	-17.77	89.58	91.32	101	68.1	80.54	0.4233	0.5006	1.0
	09 y13l	0.875	1.0	0.0	89.63	-28.66	86.98	91.58	108	59.05	75.51	0.4036	0.5162	0.9376
	10 y25l	0.75	1.0	0.0	87.47	-40.47	84.47	93.67	116	50.7	70.96	0.3814	0.5338	0.8811
	11 y38l	0.625	1.0	0.0	85.55	-52.7	82.13	97.59	123	43.22	66.85	0.3574	0.5528	0.8301
	12 y50l	0.5	1.0	0.0	83.43	-65.02	79.98	103.08	129	36.69	63.2	0.3324	0.5727	0.7847
	13 y63l	0.375	1.0	0.0	82.01	-76.6	78.16	109.44	134	31.45	60.32	0.3085	0.5915	0.7489
	14 y75l	0.25	1.0	0.0	80.87	-86.25	76.81	115.5	138	27.64	58.23	0.2883	0.6075	0.723
	15 y88l	0.125	1.0	0.0	80.24	-91.95	76.07	119.34	140	25.59	57.1	0.2764	0.6169	0.7089
	16 l00c	0.0	1.0	0.0	80.16	-92.71	75.96	119.86	141	25.33	56.96	0.2748	0.6181	0.7073
	17 l13c	0.0	1.0	0.125	80.15	-92.66	75.58	119.58	141	25.33	56.95	0.2745	0.6172	0.707
	18 l25c	0.0	1.0	0.25	80.27	-91.09	68.34	113.88	143	25.83	57.16	0.27	0.5976	0.7097
	19 l38c	0.0	1.0	0.375	80.59	-87.43	54.07	102.81	148	27.05	57.73	0.2597	0.5544	0.7167
	20 l50c	0.0	1.0	0.5	81.06	-82.13	38.04	90.52	155	28.9	58.58	0.2472	0.5011	0.7273
	21 l63c	0.0	1.0	0.625	81.7	-75.99	22.57	79.28	163	31.26	59.75	0.2346	0.4484	0.7418
	22 l75c	0.0	1.0	0.75	82.42	-69.01	7.82	69.46	174	34.08	61.08	0.2229	0.3995	0.7584
	23 l88c	0.0	1.0	0.875	83.25	-61.74	-5.67	62.02	185	37.3	62.64	0.2129	0.3576	0.7778
	24 c00v	0.0	1.0	1.0	84.21	-54.52	-17.9	57.39	198	40.88	64.48	0.2047	0.3228	0.8005
	25 c13v	0.0	0.875	1.0	77.23	-42.21	-28.52	50.96	214	35.36	51.91	0.1969	0.2891	0.6445
	26 c25v	0.0	0.75	1.0	69.79	-27.93	-40.21	48.97	235	30.37	40.45	0.1881	0.2505	0.5022
	27 c38v	0.0	0.675	1.0	61.73	-11.28	-52.73	53.93	258	25.8	30.09	0.1785	0.2082	0.3736
	28 c50v	0.0	0.5	1.0	53.33	7.35	-66.3	66.72	276	21.82	21.35	0.1672	0.1635	0.265
	29 c63v	0.0	0.375	1.0	44.78	29.15	-80.52	85.64	290	18.76	14.38	0.1566	0.1201	0.1786
	30 c75v	0.0	0.25	1.0	37.17	50.63	-93.18	106.06	299	16.66	9.63	0.1484	0.0858	0.1195
	31 c88v	0.0	0.125	1.0	33.48	62.53	-99.68	117.67	302	15.95	7.76	0.1452	0.0706	0.0964
	32 v00m	0.0	0.0	1.0	33.3	61.86	-99.37	117.06	302	15.7	7.68	0.1445	0.0706	0.0953
	33 v13m	0.125	0.0	1.0	33.66	62.52	-99.27	117.33	302	16.08	7.85	0.1463	0.0713	0.0974
	34 v25m	0.25	0.0	1.0	36.05	63.85	-95.06	114.52	304	18.2	9.03	0.1609	0.0798	0.1122
	35 v38m	0.375	0.0	1.0	39.84	66.87	-88.64	111.04	307	22.12	11.16	0.1854	0.0935	0.1385
	36 v50m	0.5	0.0	1.0	44.42	70.94	-81.16	107.8	311	27.66	14.13	0.2154	0.11	0.1754
	37 v63m	0.625	0.0	1.0	49.12	73.86	-72.6	103.57	315	33.89	17.69	0.2463	0.1286	0.2197
	38 v75m	0.75	0.0	1.0	53.96	78.28	-64.67	101.54	320	41.67	21.94	0.2774	0.1461	0.2724
	39 v88m	0.875	0.0	1.0	58.61	82.16	-56.63	99.79	325	50.04	26.61	0.3066	0.163	0.3304
	40 m00o	1.0	0.0	1.0	63.03	86.39	-49.38	99.51	330	59.2	31.62	0.3328	0.1777	0.3926
	41 m13o	1.0	0.0	0.875	61.5	84.21	-37.28	92.1	336	55.63	29.82	0.3627	0.1944	0.3702
	42 m25o	1.0	0.0	0.75	60.13	81.94	-23.49	85.24	344	52.43	28.26	0.3998	0.2155	0.3509
	43 m38o	1.0	0.0	0.675	58.86	79.83	-7.81	80.21	354	49.59	26.88	0.4452	0.2413	0.3338
	44 m50o	1.0	0.0	0.5	57.78	83.07	6.5	83.33	4	49.05	25.73	0.4969	0.2606	0.3194
	45 m63o	1.0	0.0	0.375	56.88	76.31	29.98	81.98	21	45.26	24.8	0.5521	0.3025	0.3079
	46 m75o	1.0	0.0	0.25	56.29	75.27	52.08	91.53	35	44.03	24.21	0.5995	0.3296	0.3005
	47 m88o	1.0	0.0	0.125	56.06	74.89	67.4	100.75	42	43.55	23.97	0.622	0.3423	0.2976
	48 o00y	1.0	0.0	0.0	55.98	74.75	68.26	101.23	42	43.39	23.89	0.237	0.343	0.2966
	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
	50 n13w	0.125	0.125	0.125	1.92	4.4	1.4	4.62	18	0.31	0.21	0.13	0.4723	0.0026
	51 n25w	0.25	0.25	0.25	22.09	7.01	3.24	7.72	25	3.81	3.54	0.3576	0.3319	0.044
	52 n38w	0.375	0.375	0.375	39.84	4.21	2.75	5.03	33	11.17	11.16	0.3338	0.3334	0.1385
	53 n50w	0.5	0.5	0.5	54.07	2.7	2.01	3.37	37	21.52	22.04	0.3242	0.3321	0.2737
	54 n63w	0.625	0.625	0.625	66.27	1.69	1.61	2.33	44	34.39	35.67	0.3196	0.3316	0.4429
	55 n75w	0.75	0.75	0.75	77.04	1.0	0.94	1.37	43	49.41	51.61	0.3163	0.3303	0.6407
	56 n88w	0.875	0.875	0.875	86.66	0.65	0.33	0.73	27	66.17	69.32	0.3143	0.3292	0.8606
	57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	85	84.2	88.59	0.3127	0.329	1.0999

KG370-7N

$n = 88.59 / (88.59 - 0.05) = 1.001$

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /.PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS00a für Helligkeit $L^*_N=00$ von Schwarz

System:

TLS00a **Y Gelb**

Monitor: $LCH^*_a = 91.9 \ 91.3 \ 101$

CRT $LAB^*_a = 91.9 \ -17.8 \ 89.6$

Reflexion:

$Y_N = 0.0$

$L^*_N = 0.0$

L Laubgrün

$LCH^*_a = 80.2 \ 119.9 \ 141$

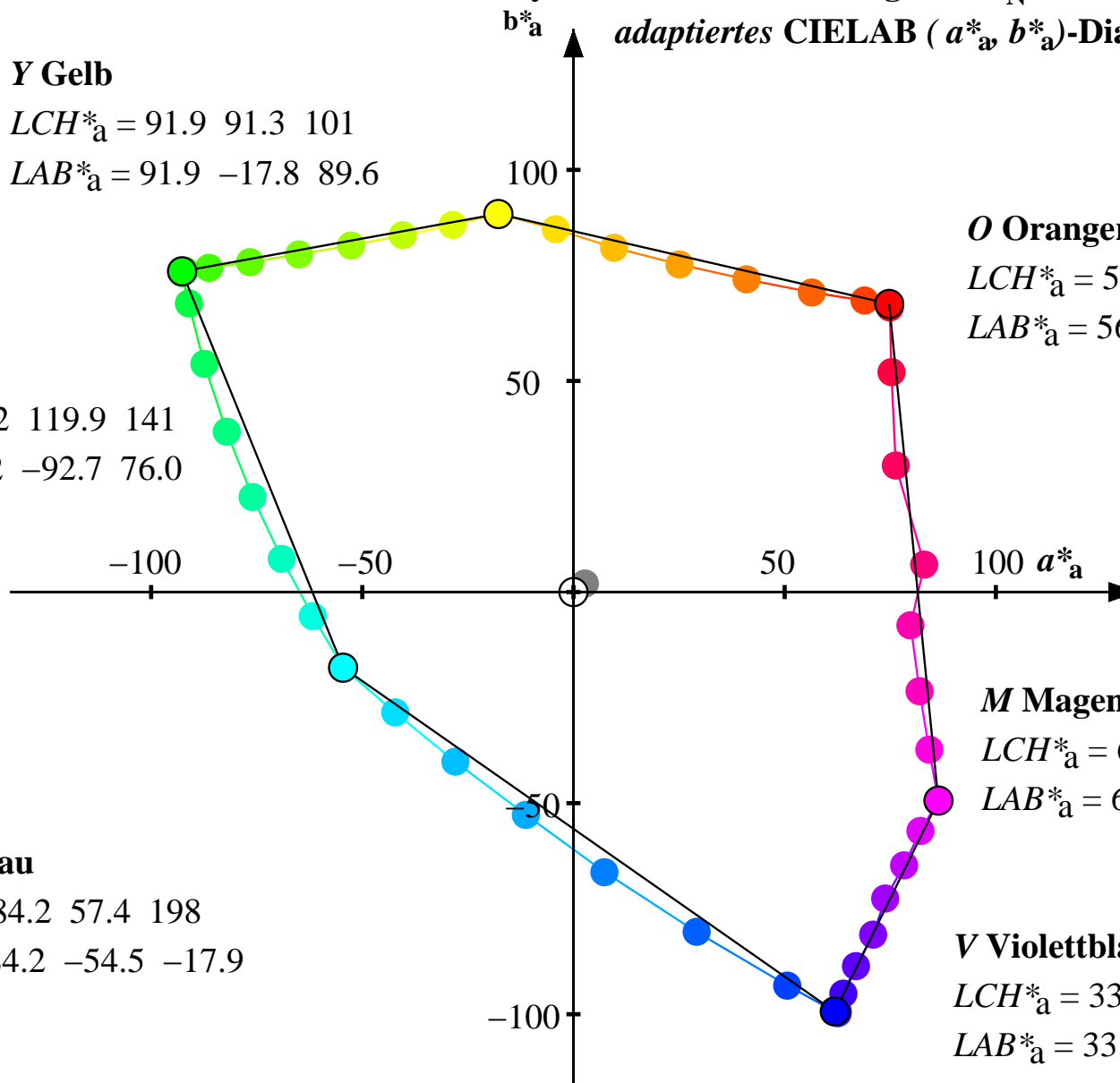
$LAB^*_a = 80.2 \ -92.7 \ 76.0$

C Cyanblau

$LCH^*_a = 84.2 \ 57.4 \ 198$

$LAB^*_a = 84.2 \ -54.5 \ -17.9$

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



O Orangerot

$LCH^*_a = 56.0 \ 101.2 \ 42$

$LAB^*_a = 56.0 \ 74.7 \ 68.3$

M Magentarot

$LCH^*_a = 63.0 \ 99.5 \ 330$

$LAB^*_a = 63.0 \ 86.4 \ -49.4$

V Violettblau

$LCH^*_a = 33.3 \ 117.1 \ 302$

$LAB^*_a = 33.3 \ 61.9 \ -99.4$

Siehe Original/Kopie: http://web.me.com/Klaus.richter/KG37/KG37LONA.TXT /.PS
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TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

KG370-7N

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS06a für Helligkeit $L^*_N=06$ von Schwarz

System:	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	$Y_a/88.59$	
TLS06a	00 o00y	1.0	0.0	0.0	56.44	73.63	64.22	97.7	41	43.68	24.35	3.04	0.6146	0.3426	0.3021
	01 o13y	1.0	0.125	0.0	56.44	73.43	64.19	97.53	41	43.61	24.35	3.04	0.6142	0.3429	0.3021
	02 o25y	1.0	0.25	0.0	58.31	67.96	65.3	94.25	44	44.51	26.29	3.38	0.6	0.3545	0.3262
	03 o38y	1.0	0.375	0.0	62.51	55.66	67.85	87.76	51	46.53	31.0	4.19	0.5694	0.3794	0.3847
Monitor:	04 o50y	1.0	0.5	0.0	67.97	40.49	71.42	82.1	60	49.55	37.92	5.37	0.5337	0.4085	0.4705
CRT	05 o63y	1.0	0.625	0.0	73.94	24.8	75.39	79.37	72	53.35	46.61	6.88	0.4993	0.4362	0.5783
	06 o75y	1.0	0.75	0.0	80.08	9.56	79.67	80.24	83	57.82	56.82	8.65	0.469	0.4608	0.7049
	07 o88y	1.0	0.875	0.0	86.08	-4.2	84.25	84.36	93	62.93	68.15	10.51	0.4444	0.4813	0.8455
Reflexion:	08 y00l	1.0	1.0	0.0	91.95	-17.63	88.07	89.82	101	68.22	80.6	12.83	0.422	0.4986	1.0
	09 y13l	0.875	1.0	0.0	89.68	-28.42	85.45	90.06	108	59.23	75.61	12.33	0.4025	0.5138	0.9381
	10 y25l	0.75	1.0	0.0	87.53	-40.1	82.92	92.11	116	50.93	71.09	11.88	0.3804	0.5309	0.882
	11 y38l	0.625	1.0	0.0	85.51	-52.17	80.57	95.99	123	43.51	67.01	11.47	0.3567	0.5493	0.8314
	12 y50l	0.5	1.0	0.0	83.64	-64.31	78.4	101.41	129	37.03	63.38	11.09	0.3321	0.5685	0.7864
	13 y63l	0.375	1.0	0.0	82.12	-75.7	76.56	107.67	135	31.83	60.52	10.81	0.3085	0.5867	0.7509
	14 y75l	0.25	1.0	0.0	80.98	-85.17	75.2	113.63	139	28.04	58.44	10.6	0.2888	0.602	0.7251
	15 y88l	0.125	1.0	0.0	80.36	-90.75	74.46	117.39	141	26.0	57.32	10.49	0.2772	0.611	0.7112
	16 l00c	0.0	1.0	0.0	80.29	-91.49	74.35	117.9	141	25.75	57.19	10.48	0.2756	0.6122	0.7095
	17 l13c	0.0	1.0	0.125	80.28	-91.44	73.99	117.63	141	25.75	57.17	10.6	0.2753	0.6113	0.7093
	18 l25c	0.0	1.0	0.25	80.39	-89.9	67.04	112.16	143	26.24	57.38	13.27	0.2708	0.5922	0.7119
	19 l38c	0.0	1.0	0.375	80.71	-86.32	53.23	101.42	148	27.45	57.95	19.91	0.2607	0.5503	0.719
	20 l50c	0.0	1.0	0.5	81.18	-81.12	37.55	89.39	155	29.29	58.79	29.9	0.2483	0.4983	0.7294
	21 l63c	0.0	1.0	0.625	81.81	-75.09	22.32	78.35	163	31.63	59.95	42.64	0.2357	0.4467	0.7438
	22 l75c	0.0	1.0	0.75	82.53	-68.23	7.75	68.68	174	34.43	61.28	58.0	0.224	0.3987	0.7603
	23 l88c	0.0	1.0	0.875	83.35	-61.08	-5.62	61.35	185	37.63	62.83	75.37	0.214	0.3573	0.7795
	24 c00v	0.0	1.0	1.0	84.3	-53.95	-17.75	56.81	198	41.19	64.65	94.39	0.2057	0.3229	0.8021
	25 c13v	0.0	0.875	1.0	77.38	-41.71	-28.27	50.4	214	35.71	52.17	92.31	0.1982	0.2895	0.6473
	26 c25v	0.0	0.75	1.0	70.03	-27.54	-39.82	48.43	235	30.75	40.79	90.66	0.1896	0.2515	0.5061
	27 c38v	0.0	0.675	1.0	62.09	-11.09	-52.15	53.33	258	26.22	30.51	88.71	0.1803	0.2098	0.3785
	28 c50v	0.0	0.5	1.0	53.84	7.2	-65.46	65.87	276	22.26	21.82	87.42	0.1693	0.166	0.2708
	29 c63v	0.0	0.375	1.0	45.51	28.37	-79.3	84.23	290	19.22	14.91	86.68	0.1591	0.1234	0.185
	30 c75v	0.0	0.25	1.0	38.18	48.93	-91.49	103.76	298	17.14	10.19	86.05	0.1511	0.0899	0.1264
	31 c88v	0.0	0.125	1.0	34.67	60.16	-97.67	114.72	302	16.44	8.34	86.24	0.1481	0.0751	0.1034
	32 v00m	0.0	0.0	1.0	34.5	59.49	-97.36	114.1	301	16.19	8.25	85.39	0.1474	0.0751	0.1024
	33 v13m	0.125	0.0	1.0	34.84	60.17	-97.29	114.4	302	16.57	8.42	86.11	0.1491	0.0758	0.1045
	34 v25m	0.25	0.0	1.0	37.11	61.72	-93.28	111.86	303	18.67	9.6	85.99	0.1634	0.084	0.1191
	35 v38m	0.375	0.0	1.0	40.75	65.01	-87.13	108.72	307	22.56	11.71	86.15	0.1874	0.0972	0.1453
	36 v50m	0.5	0.0	1.0	45.16	69.33	-79.93	105.81	311	28.06	14.66	86.72	0.2168	0.1132	0.1819
	37 v63m	0.625	0.0	1.0	49.74	72.46	-71.59	101.87	315	34.25	18.2	86.09	0.2472	0.1314	0.2258
	38 v75m	0.75	0.0	1.0	54.46	77.04	-63.85	100.07	320	41.97	22.41	86.67	0.2779	0.1484	0.2781
	39 v88m	0.875	0.0	1.0	59.02	81.04	-55.97	98.5	325	50.29	27.05	86.63	0.3067	0.165	0.3356
	40 m00o	1.0	0.0	1.0	63.36	85.37	-48.84	98.36	330	59.38	32.02	87.13	0.3326	0.1794	0.3973
	41 m13o	1.0	0.0	0.875	61.86	83.17	-36.83	90.96	336	55.83	30.24	68.15	0.362	0.1961	0.3752
	42 m25o	1.0	0.0	0.75	60.51	80.87	-23.17	84.13	344	52.66	28.69	50.77	0.3985	0.2172	0.356
	43 m38o	1.0	0.0	0.675	59.27	78.75	-7.68	79.12	354	49.83	27.32	35.35	0.4429	0.2428	0.339
	44 m50o	1.0	0.0	0.5	58.2	81.92	6.37	82.17	4	49.3	26.17	24.45	0.4934	0.2619	0.3247
	45 m63o	1.0	0.0	0.375	57.32	75.2	29.16	80.65	21	45.53	25.25	12.52	0.5466	0.3011	0.3133
	46 m75o	1.0	0.0	0.25	56.75	74.15	49.96	89.41	34	44.31	24.66	5.85	0.5922	0.3296	0.306
	47 m88o	1.0	0.0	0.125	56.51	73.77	63.52	97.35	41	43.84	24.43	3.17	0.6137	0.342	0.3031
	48 o00y	1.0	0.0	0.0	56.44	73.63	64.22	97.7	41	43.68	24.35	3.04	0.6146	0.3426	0.3021
	49 n00w	0.0	0.0	0.0	5.69	0.0	0.0	0.01	0	0.6	0.63	0.69	0.3127	0.329	0.0078
	50 n13w	0.125	0.125	0.125	7.59	4.3	1.39	4.52	18	0.91	0.84	0.82	0.3531	0.3278	0.0104
	51 n25w	0.25	0.25	0.25	24.15	6.31	2.87	6.93	24	4.39	4.15	3.97	0.3507	0.3315	0.0514
	52 n38w	0.375	0.375	0.375	40.75	4.05	2.64	4.83	33	11.69	11.71	11.74	0.3326	0.3332	0.1453
	53 n50w	0.5	0.5	0.5	54.57	2.65	1.97	3.3	37	21.96	22.51	23.34	0.3238	0.332	0.2793
	54 n63w	0.625	0.625	0.625	66.55	1.66	1.59	2.3	44	34.74	36.04	37.95	0.3195	0.3315	0.4472
	55 n75w	0.75	0.75	0.75	77.2	0.99	0.93	1.35	43	49.66	51.87	55.5	0.3162	0.3303	0.6435
	56 n88w	0.875	0.875	0.875	86.73	0.65	0.33	0.72	27	66.3	69.45	75.2	0.3143	0.3292	0.8617
	57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	85	84.2	88.59	96.46	0.3127	0.329	1.0992

KG370-7N

$n = 88.59 / (88.59 - 0.05) = 1.001$

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /.PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS06a für Helligkeit $L^*_N=06$ von Schwarz

System:

TLS06a

Y Gelb

Monitor:

$LCH^*_a = 92.0 \ 89.8 \ 101$

CRT

$LAB^*_a = 92.0 \ -17.6 \ 88.1$

Reflexion:

$Y_N = 0.63$

$L^*_N = 5.69$

L Laubgrün

$LCH^*_a = 80.3 \ 117.9 \ 141$

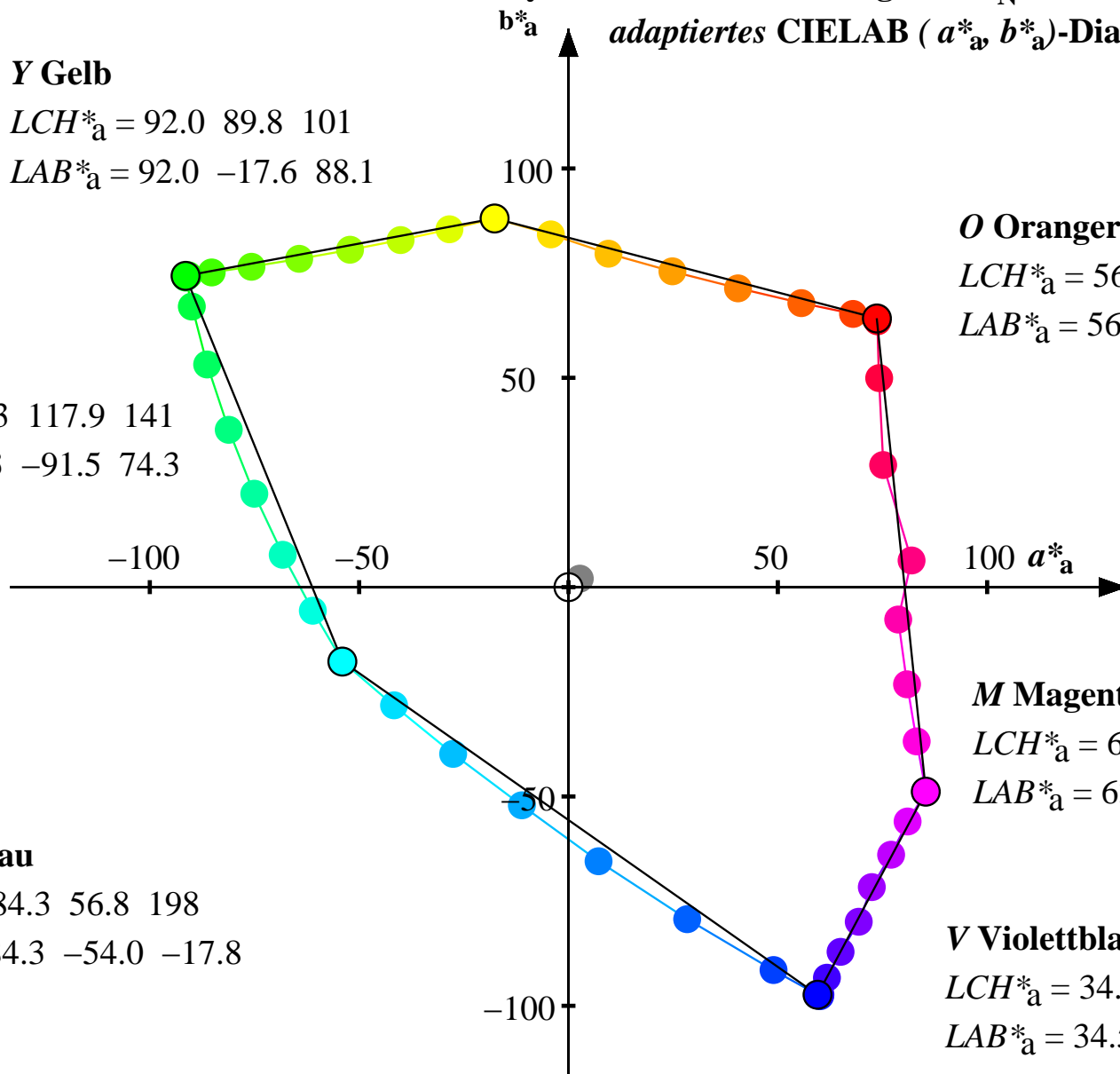
$LAB^*_a = 80.3 \ -91.5 \ 74.3$

C Cyanblau

$LCH^*_a = 84.3 \ 56.8 \ 198$

$LAB^*_a = 84.3 \ -54.0 \ -17.8$

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



O Orangerot

$LCH^*_a = 56.4 \ 97.7 \ 41$

$LAB^*_a = 56.4 \ 73.6 \ 64.2$

M Magentarot

$LCH^*_a = 63.4 \ 98.4 \ 330$

$LAB^*_a = 63.4 \ 85.4 \ -48.9$

V Violettblau

$LCH^*_a = 34.5 \ 114.1 \ 301$

$LAB^*_a = 34.5 \ 59.5 \ -97.4$

Siehe Original/Kopie: <http://web.me.com/Klaus.richter/KG37/KG37LONA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS11a für Helligkeit $L^*_N=11$ von Schwarz

System:	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	$Y_a/88.59$
TLS11a	00 o00y	1.0	0.0	0.0	56.89	72.52	60.85	94.67	40	43.97	24.81	3.71	0.6066	0.3423	0.3076
	01 o13y	1.0	0.125	0.0	56.89	72.33	60.82	94.5	40	43.91	24.81	3.71	0.6062	0.3426	0.3076
	02 o25y	1.0	0.25	0.0	58.73	66.99	62.13	91.36	43	44.79	26.74	4.04	0.5927	0.3538	0.3315
	03 o38y	1.0	0.375	0.0	62.86	54.92	65.07	85.15	50	46.8	31.42	4.85	0.5634	0.3782	0.3895
Monitor:	04 o50y	1.0	0.5	0.0	68.23	40.01	69.02	79.78	60	49.79	38.29	6.02	0.5291	0.4069	0.4747
	05 o63y	1.0	0.625	0.0	74.13	24.53	73.32	77.32	71	53.57	46.91	7.52	0.496	0.4343	0.5816
CRT	06 o75y	1.0	0.75	0.0	80.2	9.47	77.85	78.43	83	58.01	57.04	9.28	0.4666	0.4588	0.7073
	07 o88y	1.0	0.875	0.0	86.15	-4.16	82.62	82.73	93	63.08	68.29	11.13	0.4427	0.4793	0.8467
Reflexion:	08 y00l	1.0	1.0	0.0	91.98	-17.49	86.61	88.36	101	68.33	80.66	13.43	0.4207	0.4966	1.0
	09 y13l	0.875	1.0	0.0	89.72	-28.18	83.97	88.58	109	59.4	75.7	12.93	0.4013	0.5114	0.9386
	10 y25l	0.75	1.0	0.0	87.59	-39.73	81.43	90.61	116	51.17	71.21	12.49	0.3794	0.528	0.8829
	11 y38l	0.625	1.0	0.0	85.59	-51.65	79.88	94.44	123	43.8	67.16	12.08	0.356	0.5459	0.8227
	12 y50l	0.5	1.0	0.0	83.74	-63.61	76.06	99.79	130	37.36	63.56	11.7	0.3317	0.5644	0.7881
	13 y63l	0.375	1.0	0.0	82.23	-74.81	75.03	105.96	135	32.2	60.72	11.42	0.3086	0.5819	0.7528
	14 y75l	0.25	1.0	0.0	81.1	-84.1	73.66	111.81	139	28.44	58.66	11.22	0.2893	0.5966	0.7273
	15 y88l	0.125	1.0	0.0	80.49	-89.56	72.91	115.5	141	26.42	57.55	11.1	0.2779	0.6053	0.7135
	16 l00c	0.0	1.0	0.0	80.41	-90.29	72.8	115.99	141	26.16	57.41	11.1	0.2764	0.6064	0.7118
	17 l13c	0.0	1.0	0.125	80.4	-90.24	72.46	115.74	141	26.17	57.4	11.22	0.2761	0.6056	0.7116
	18 l25c	0.0	1.0	0.25	80.52	-88.73	65.8	110.47	143	26.66	57.61	13.86	0.2717	0.5871	0.7142
	19 l38c	0.0	1.0	0.375	80.83	-85.22	52.41	100.05	148	27.86	58.17	20.45	0.2616	0.5463	0.7212
	20 l50c	0.0	1.0	0.5	81.29	-80.12	37.06	88.29	155	29.68	59.0	30.38	0.2493	0.4956	0.7315
	21 l63c	0.0	1.0	0.625	81.92	-74.2	22.07	77.42	163	32.01	60.16	43.02	0.2368	0.445	0.7459
	22 l75c	0.0	1.0	0.75	82.63	-67.46	7.67	67.9	174	34.79	61.47	58.27	0.2251	0.3978	0.7622
	23 l88c	0.0	1.0	0.875	83.45	-60.41	-5.57	60.68	185	37.96	63.01	75.52	0.2151	0.357	0.7812
	24 c00v	0.0	1.0	1.0	84.39	-53.39	-17.61	56.24	198	41.5	64.82	94.4	0.2067	0.3229	0.8037
	25 c13v	0.0	0.875	1.0	77.54	-41.21	-28.03	49.85	214	36.06	52.43	92.34	0.1994	0.29	0.6501
	26 c25v	0.0	0.75	1.0	70.27	-27.15	-39.44	47.89	235	31.14	41.13	90.7	0.1911	0.2524	0.51
	27 c38v	0.0	0.625	1.0	62.44	-10.9	-51.58	52.73	258	26.63	30.92	88.77	0.182	0.2113	0.3834
	28 c50v	0.0	0.5	1.0	54.35	7.05	-64.64	65.03	276	22.71	22.3	87.48	0.1714	0.1683	0.2765
	29 c63v	0.0	0.375	1.0	46.23	27.63	-78.11	82.86	289	19.69	15.44	86.75	0.1616	0.1267	0.1914
	30 c75v	0.0	0.25	1.0	39.16	47.33	-89.86	101.57	298	17.62	10.75	86.13	0.1539	0.0939	0.1333
	31 c88v	0.0	0.125	1.0	35.81	57.96	-95.76	111.95	301	16.92	8.91	86.31	0.1509	0.0795	0.1105
	32 v00m	0.0	0.0	1.0	35.65	57.29	-95.44	111.32	301	16.67	8.83	85.47	0.1503	0.0795	0.1094
	33 v13m	0.125	0.0	1.0	35.97	57.99	-95.39	111.64	301	17.05	8.99	86.18	0.1519	0.0801	0.1115
	34 v25m	0.25	0.0	1.0	38.14	59.72	-91.57	109.33	303	19.14	10.17	86.06	0.1659	0.0881	0.126
	35 v38m	0.375	0.0	1.0	41.62	63.24	-85.67	106.49	306	23.01	12.26	86.22	0.1894	0.1009	0.152
	36 v50m	0.5	0.0	1.0	45.89	67.77	-78.72	103.88	311	28.47	15.19	86.79	0.2182	0.1164	0.1883
	37 v63m	0.625	0.0	1.0	50.34	71.1	-70.61	100.22	315	34.61	18.7	86.17	0.2481	0.1341	0.2319
	38 v75m	0.75	0.0	1.0	54.96	75.82	-63.05	98.62	320	42.27	22.89	86.74	0.2783	0.1507	0.2838
	39 v88m	0.875	0.0	1.0	59.43	79.95	-55.32	97.23	325	50.53	27.49	86.7	0.3068	0.1669	0.3408
	40 m00o	1.0	0.0	1.0	63.7	84.36	-48.32	97.22	330	59.56	32.43	87.2	0.3324	0.181	0.4021
	41 m13o	1.0	0.0	0.875	62.21	82.13	-36.38	89.84	336	56.04	30.65	68.35	0.3614	0.1977	0.3801
	42 m25o	1.0	0.0	0.75	60.89	79.82	-22.84	83.03	344	52.88	29.12	51.1	0.3973	0.2188	0.3611
	43 m38o	1.0	0.0	0.625	59.67	77.68	-7.55	78.05	354	50.08	27.76	35.79	0.4407	0.2443	0.3442
	44 m50o	1.0	0.0	0.5	58.62	80.79	6.25	81.03	4	49.55	26.62	24.96	0.49	0.2632	0.3301
	45 m63o	1.0	0.0	0.375	57.76	74.11	28.38	79.36	21	45.81	25.71	13.12	0.5412	0.3037	0.3187
	46 m75o	1.0	0.0	0.25	57.19	73.06	48.03	87.43	33	44.6	25.12	6.5	0.5851	0.3296	0.3115
	47 m88o	1.0	0.0	0.125	56.97	72.67	60.25	94.39	40	44.13	24.89	3.83	0.6057	0.3416	0.3086
	48 o00y	1.0	0.0	0.0	56.89	72.52	60.85	94.67	40	43.97	24.81	3.71	0.6066	0.3423	0.3076
	49 n00w	0.0	0.0	0.0	10.99	0.0	0.0	0.01	0	1.2	1.26	1.37	0.3127	0.329	0.0156
	50 n13w	0.125	0.125	0.125	12.41	3.02	1.01	3.18	18	1.5	1.47	1.5	0.3357	0.3284	0.0182
	51 n25w	0.25	0.25	0.25	26.01	5.74	2.59	6.3	24	4.96	4.75	4.64	0.3456	0.3311	0.0589
	52 n38w	0.375	0.375	0.375	41.62	3.91	2.53	4.66	33	12.21	12.26	12.35	0.3316	0.3329	0.152
	53 n50w	0.5	0.5	0.5	55.06	2.59	1.93	3.23	37	22.41	22.99	23.87	0.3235	0.3319	0.285
	54 n63w	0.625	0.625	0.625	66.84	1.64	1.57	2.27	44	35.09	36.42	38.36	0.3194	0.3315	0.4516
	55 n75w	0.75	0.75	0.75	77.36	0.98	1.34	1.74	43	49.91	52.13	55.8	0.3162	0.3303	0.6463
	56 n88w	0.875	0.875	0.875	86.8	0.64	0.92	0.72	27	66.43	69.59	75.36	0.3143	0.3292	0.8628
	57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	85	84.2	88.59	96.46	0.3127	0.329	1.0984

$n = 88.59 / (88.59 - 0.05) = 1.001$

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS
 Anwendung für Messung von Drucker- oder Monitorsystemen

TUB-Material: Code=rh4ta

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /.PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS11a für Helligkeit $L^*_N=11$ von Schwarz

System:

TLS11a

Y Gelb

Monitor:

$LCH^*_a = 92.0 \ 88.4 \ 101$

CRT

$LAB^*_a = 92.0 \ -17.5 \ 86.6$

Reflexion:

$Y_N = 1.26$

$L^*_N = 11.0$

L Laubgrün

$LCH^*_a = 80.4 \ 116.0 \ 141$

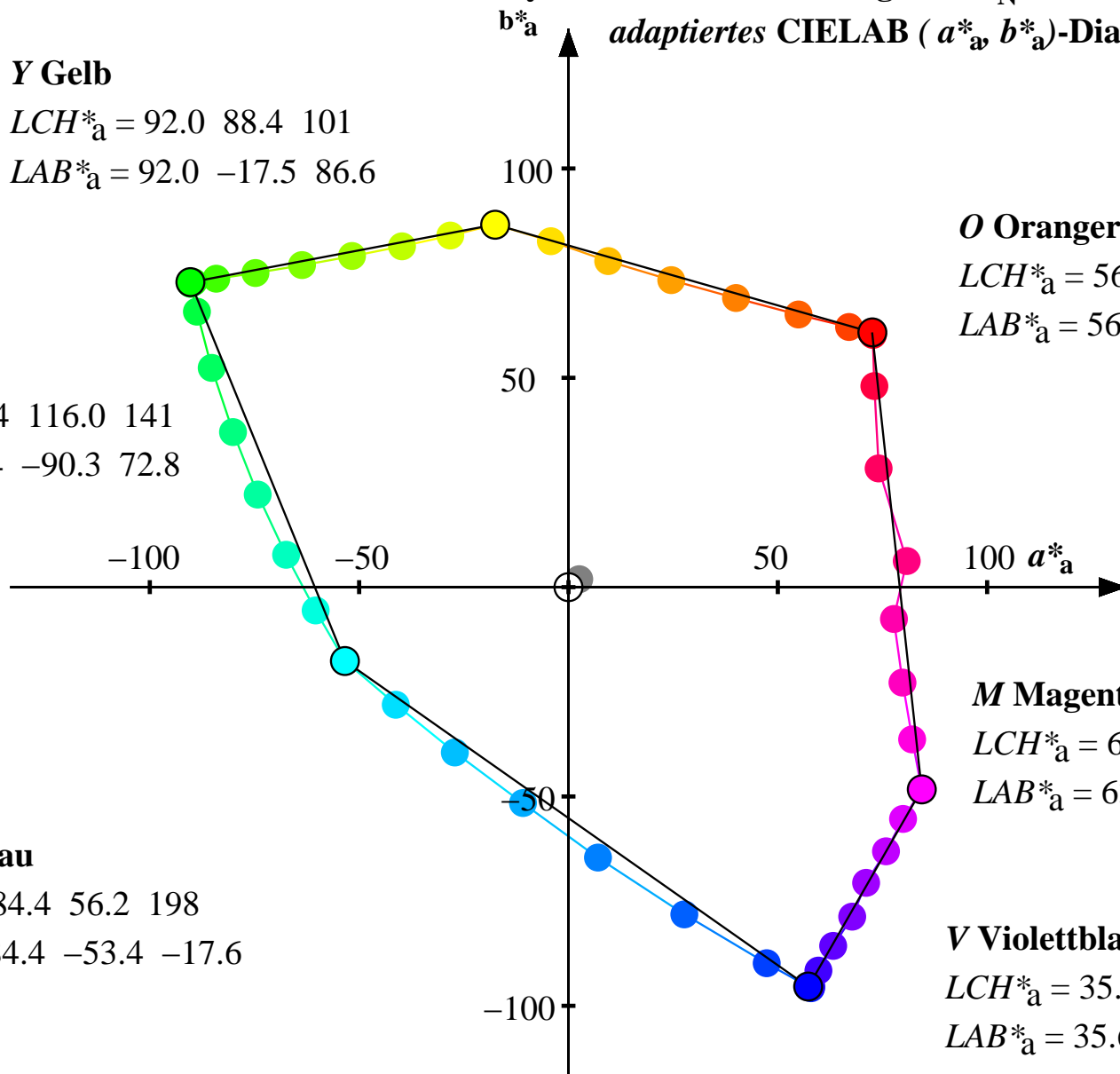
$LAB^*_a = 80.4 \ -90.3 \ 72.8$

C Cyanblau

$LCH^*_a = 84.4 \ 56.2 \ 198$

$LAB^*_a = 84.4 \ -53.4 \ -17.6$

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



O Orangerot

$LCH^*_a = 56.9 \ 94.7 \ 40$

$LAB^*_a = 56.9 \ 72.5 \ 60.8$

M Magentarot

$LCH^*_a = 63.7 \ 97.2 \ 330$

$LAB^*_a = 63.7 \ 84.4 \ -48.3$

V Violettblau

$LCH^*_a = 35.6 \ 111.3 \ 301$

$LAB^*_a = 35.6 \ 57.3 \ -95.4$

Siehe Original/Kopie: <http://web.me.com/Klaus.richter/KG37/KG37LONA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS18a für Helligkeit $L^*_N=18$ von Schwarz

System:	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	$Y_a/88.59$
TLS18a	00 o00y	1.0	0.0	0.0	57.78	70.38	55.37	89.55	38	44.55	25.73	5.05	0.5914	0.3416	0.3186
	01 o13y	1.0	0.125	0.0	57.78	70.19	55.35	89.39	38	44.49	25.73	5.05	0.591	0.3419	0.3186
	02 o25y	1.0	0.25	0.0	59.55	65.08	56.89	86.44	41	45.36	27.63	5.38	0.5788	0.3526	0.3421
	03 o38y	1.0	0.375	0.0	63.54	53.49	60.32	80.62	48	47.34	32.24	6.17	0.552	0.376	0.3992
Monitor:	04 o50y	1.0	0.5	0.0	68.76	39.07	64.79	75.65	59	50.29	39.01	7.33	0.5204	0.4037	0.483
	05 o63y	1.0	0.625	0.0	74.51	24.01	69.56	73.59	71	54.01	47.51	8.81	0.4896	0.4306	0.5882
CRT	06 o75y	1.0	0.75	0.0	80.46	9.29	74.48	75.06	83	58.39	57.5	10.54	0.4619	0.4548	0.7119
	07 o88y	1.0	0.875	0.0	86.3	-4.09	79.55	79.65	93	63.38	68.59	12.36	0.4392	0.4752	0.8492
Reflexion:	08 y00l	1.0	1.0	0.0	92.03	-17.21	83.82	85.57	102	68.56	80.77	14.63	0.4182	0.4926	1.0
	09 y13l	0.875	1.0	0.0	89.81	-27.69	81.16	85.76	109	59.76	75.89	14.13	0.399	0.5066	0.9395
	10 y25l	0.75	1.0	0.0	87.71	-38.99	78.59	87.74	116	51.65	71.47	13.7	0.3775	0.5224	0.8848
	11 y38l	0.625	1.0	0.0	85.74	-50.21	76.2	91.48	124	44.38	67.47	13.29	0.3546	0.5391	0.8354
	12 y50l	0.5	1.0	0.0	83.93	-62.23	74.0	96.69	130	38.04	63.93	12.92	0.3311	0.5564	0.7915
	13 y63l	0.375	1.0	0.0	82.44	-73.05	72.14	102.68	135	32.95	61.12	12.65	0.3088	0.5727	0.7567
	14 y75l	0.25	1.0	0.0	81.34	-82.0	70.77	108.32	139	29.25	59.09	12.45	0.2902	0.5863	0.7316
	15 y88l	0.125	1.0	0.0	80.74	-87.24	70.01	111.87	141	27.25	57.99	12.34	0.2793	0.5943	0.718
	16 l00c	0.0	1.0	0.0	80.66	-87.94	69.9	112.35	142	27.0	57.86	12.33	0.2778	0.5953	0.7164
	17 l13c	0.0	1.0	0.125	80.65	-87.89	69.58	112.11	142	27.0	57.85	12.45	0.2776	0.5945	0.7162
	18 l25c	0.0	1.0	0.25	80.77	-86.44	63.42	107.22	144	27.49	58.05	15.05	0.2732	0.5771	0.7187
	19 l38c	0.0	1.0	0.375	81.07	-83.07	50.81	97.39	149	28.67	58.6	21.55	0.2635	0.5385	0.7256
	20 l50c	0.0	1.0	0.5	81.53	-78.16	36.11	86.11	155	30.47	59.43	31.33	0.2513	0.4902	0.7358
	21 l63c	0.0	1.0	0.625	82.15	-72.45	21.59	75.61	163	32.76	60.57	43.79	0.2389	0.4417	0.7499
	22 l75c	0.0	1.0	0.75	82.84	-65.93	7.52	66.37	173	35.5	61.86	58.82	0.2273	0.3961	0.7659
	23 l88c	0.0	1.0	0.875	83.64	-59.1	-5.47	59.37	185	38.63	63.38	75.83	0.2172	0.3564	0.7847
	24 c00v	0.0	1.0	1.0	84.57	-52.29	-17.33	55.1	198	42.11	65.16	94.43	0.2088	0.3231	0.8068
	25 c13v	0.0	0.875	1.0	77.85	-40.24	-27.53	48.77	214	36.75	52.95	92.4	0.2018	0.2908	0.6556
	26 c25v	0.0	0.75	1.0	70.75	-26.4	-38.67	46.84	236	31.9	41.82	90.79	0.1939	0.2542	0.5177
	27 c38v	0.0	0.625	1.0	63.14	-10.54	-50.46	51.56	258	27.46	31.75	88.88	0.1855	0.2144	0.3931
	28 c50v	0.0	0.5	1.0	55.34	6.76	-63.02	63.39	276	23.6	23.26	87.61	0.1755	0.173	0.288
	29 c63v	0.0	0.375	1.0	47.62	26.24	-75.82	80.24	289	20.62	16.49	86.89	0.1663	0.133	0.2042
	30 c75v	0.0	0.25	1.0	41.02	44.41	-86.76	97.48	297	18.58	11.87	86.28	0.1591	0.1017	0.147
	31 c88v	0.0	0.125	1.0	37.95	54.02	-92.18	106.85	300	17.89	10.06	86.46	0.1564	0.0879	0.1245
	32 v00m	0.0	0.0	1.0	37.8	53.36	-91.84	106.22	300	17.65	9.98	85.62	0.1558	0.0881	0.1235
	33 v13m	0.125	0.0	1.0	38.1	54.08	-91.83	106.58	300	18.02	10.14	86.33	0.1574	0.0886	0.1256
	34 v25m	0.25	0.0	1.0	40.08	56.08	-88.34	104.64	302	20.08	11.3	86.21	0.1707	0.0961	0.1399
	35 v38m	0.375	0.0	1.0	43.3	59.95	-82.89	102.3	306	23.89	13.36	86.37	0.1933	0.1081	0.1654
	36 v50m	0.5	0.0	1.0	47.3	64.83	-76.4	100.2	310	29.27	16.25	86.93	0.221	0.1227	0.2011
	37 v63m	0.625	0.0	1.0	51.51	68.5	-68.7	97.02	315	35.32	19.71	86.32	0.2499	0.1394	0.244
	38 v75m	0.75	0.0	1.0	55.92	73.47	-61.49	95.81	320	42.88	23.84	86.88	0.2792	0.1552	0.2951
	39 v88m	0.875	0.0	1.0	60.22	77.8	-54.05	94.74	325	51.02	28.37	86.84	0.3069	0.1707	0.3513
	40 m00o	1.0	0.0	1.0	64.35	82.37	-47.28	94.98	330	59.91	33.24	87.34	0.332	0.1842	0.4115
	41 m13o	1.0	0.0	0.875	62.92	80.11	-35.51	87.63	336	56.44	31.49	68.75	0.3602	0.201	0.3899
	42 m25o	1.0	0.0	0.75	61.64	77.77	-22.22	80.88	344	53.33	29.98	51.75	0.3949	0.222	0.3712
	43 m38o	1.0	0.0	0.625	60.46	75.6	-7.31	75.95	354	50.57	28.64	36.67	0.4364	0.2471	0.3545
	44 m50o	1.0	0.0	0.5	59.45	78.58	6.01	78.81	4	50.05	27.51	25.99	0.4833	0.2657	0.3407
	45 m63o	1.0	0.0	0.375	58.62	71.99	26.92	76.86	21	46.37	26.62	14.33	0.5311	0.3048	0.3295
	46 m75o	1.0	0.0	0.25	58.07	70.92	44.66	83.81	32	45.17	26.04	7.8	0.5717	0.3296	0.3224
	47 m88o	1.0	0.0	0.125	57.85	70.52	54.9	89.38	38	44.71	25.81	5.17	0.5907	0.341	0.3195
	48 o00y	1.0	0.0	0.0	57.78	70.38	55.37	89.55	38	44.55	25.73	5.05	0.5914	0.3416	0.3186
	49 n00w	0.0	0.0	0.0	18.01	0.0	0.0	0.01	0	2.4	2.52	2.74	0.3127	0.329	0.0312
	50 n13w	0.125	0.125	0.125	18.91	1.99	0.65	2.1	18	2.7	2.73	2.87	0.3249	0.3287	0.0338
	51 n25w	0.25	0.25	0.25	29.31	4.9	2.18	5.36	24	6.1	5.96	5.96	0.3385	0.3307	0.0738
	52 n38w	0.375	0.375	0.375	43.3	3.64	2.35	4.33	33	13.25	13.36	13.56	0.3298	0.3326	0.1654
	53 n50w	0.5	0.5	0.5	56.02	2.49	1.85	3.1	37	23.3	23.93	24.91	0.3229	0.3317	0.2963
	54 n63w	0.625	0.625	0.625	67.41	1.59	1.52	2.2	44	35.8	37.17	39.2	0.3192	0.3314	0.4602
	55 n75w	0.75	0.75	0.75	77.67	0.96	0.9	1.31	43	50.4	52.66	56.38	0.3161	0.3303	0.6519
	56 n88w	0.875	0.875	0.875	86.93	0.63	0.32	0.71	27	66.68	69.86	75.66	0.3142	0.3292	0.865
	57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	85	84.2	88.59	96.46	0.3127	0.329	1.0968

KG370-7N

$n = 88.59 / (88.59 - 0.05) = 1.001$

TUB-Prüfvorlage KG37; Bunttonkreis und farbmetrische Daten
Messung: LCD- und CRT-Display und LCD-Projektor

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

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen
TUB-Material: Code=rh4ta

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS18a für Helligkeit $L^*_N=18$ von Schwarz

System:

TLS18a

Y Gelb

Monitor:

$LCH^*_a = 92.0 \ 85.6 \ 102$

CRT

$LAB^*_a = 92.0 \ -17.2 \ 83.8$

Reflexion:

$Y_N = 2.52$

$L^*_N = 18.01$

L Laubgrün

$LCH^*_a = 80.7 \ 112.3 \ 142$

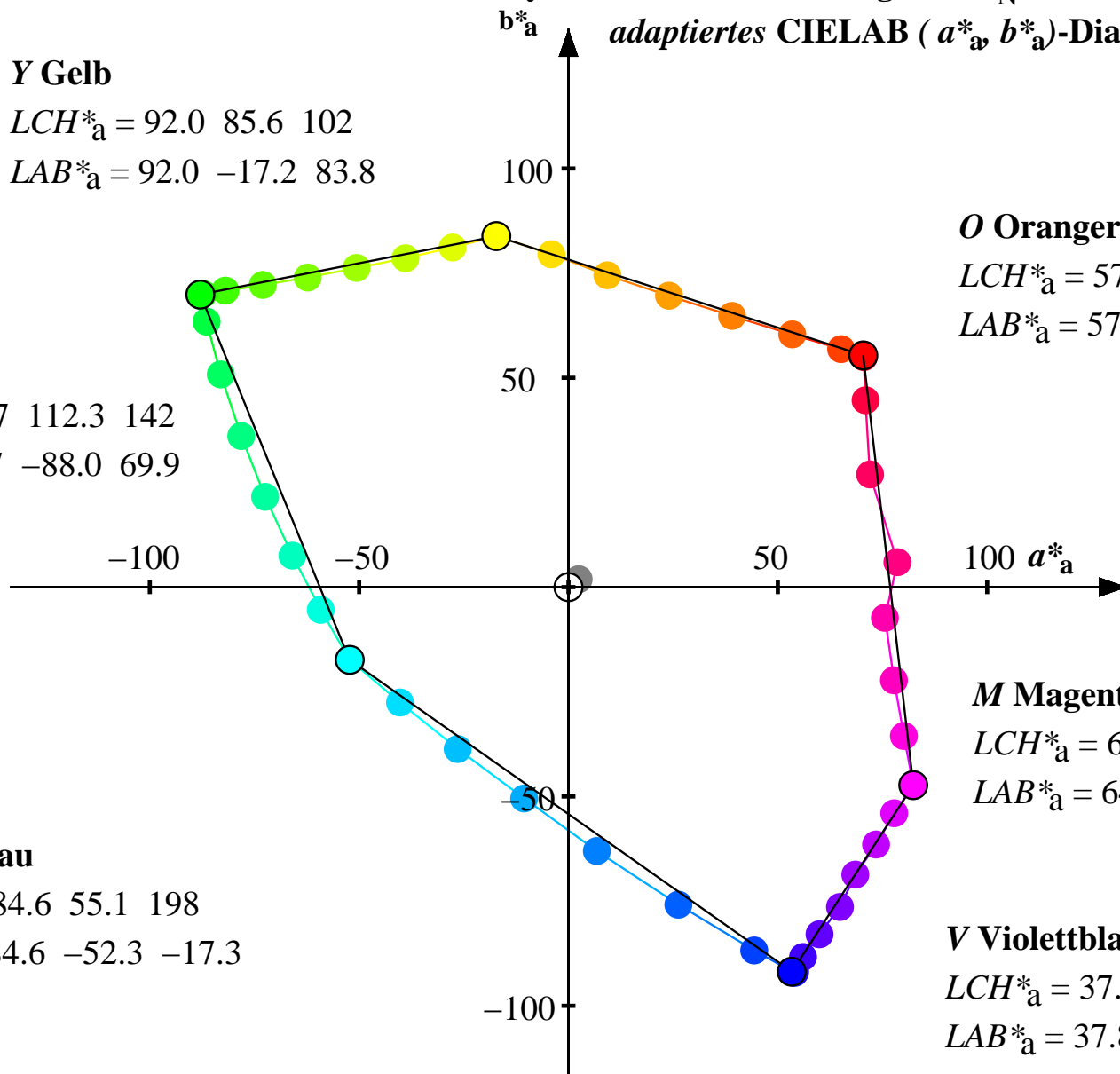
$LAB^*_a = 80.7 \ -88.0 \ 69.9$

C Cyanblau

$LCH^*_a = 84.6 \ 55.1 \ 198$

$LAB^*_a = 84.6 \ -52.3 \ -17.3$

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



O Orangerot

$LCH^*_a = 57.8 \ 89.5 \ 38$

$LAB^*_a = 57.8 \ 70.4 \ 55.4$

M Magentarot

$LCH^*_a = 64.4 \ 95.0 \ 330$

$LAB^*_a = 64.4 \ 82.4 \ -47.3$

V Violettblau

$LCH^*_a = 37.8 \ 106.2 \ 300$

$LAB^*_a = 37.8 \ 53.4 \ -91.8$

Siehe Original/Kopie: http://web.me.com/Klaus.richter/KG37/KG37LONA.TXT /.PS
 Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

KG370-7N

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS27a für Helligkeit $L^*_N=27$ von Schwarz

System:	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	$Y_a/88.59$
TLS27a	00 o00y	1.0	0.0	0.0	59.5	66.32	47.38	81.51	36	45.71	27.57	7.72	0.5643	0.3404
	01 o13y	1.0	0.125	0.0	59.5	66.14	47.37	81.35	36	45.65	27.57	7.73	0.5639	0.3406
	02 o25y	1.0	0.25	0.0	61.15	61.45	49.1	78.66	39	46.5	29.41	8.04	0.5538	0.3504
	03 o38y	1.0	0.375	0.0	64.88	50.73	52.92	73.31	46	48.42	33.89	8.81	0.5313	0.3719
Monitor:	04 o50y	1.0	0.5	0.0	69.8	37.23	57.88	68.82	57	51.28	40.47	9.94	0.5043	0.3979
	05 o63y	1.0	0.625	0.0	75.27	22.99	63.17	67.23	70	54.9	48.71	11.37	0.4774	0.4236
CRT	06 o75y	1.0	0.75	0.0	80.97	8.93	68.56	69.14	83	59.15	58.41	13.05	0.4529	0.4472
	07 o88y	1.0	0.875	0.0	86.59	-3.94	74.0	74.11	93	63.99	69.17	14.82	0.4324	0.4674
Reflexion:	08 y00l	1.0	1.0	0.0	92.13	-16.65	78.69	80.43	102	69.02	81.0	17.02	0.4132	0.4849
	09 y13l	0.875	1.0	0.0	89.98	-26.73	76.0	80.57	109	60.48	76.26	16.54	0.3946	0.4975
	10 y25l	0.75	1.0	0.0	87.95	-37.54	73.42	82.47	117	52.6	71.97	16.12	0.3739	0.5115
	11 y38l	0.625	1.0	0.0	86.05	-48.58	71.01	86.05	124	45.55	68.09	15.73	0.3521	0.5263
	12 y50l	0.5	1.0	0.0	84.3	-59.53	68.8	90.99	131	39.39	64.65	15.37	0.3299	0.5414
	13 y63l	0.375	1.0	0.0	82.87	-69.66	66.94	96.61	136	34.45	61.93	15.1	0.309	0.5555
	14 y75l	0.25	1.0	0.0	81.81	-77.96	65.57	101.87	140	30.86	59.96	14.91	0.2919	0.5671
	15 y88l	0.125	1.0	0.0	81.23	-82.79	64.81	105.14	142	28.92	58.89	14.8	0.2818	0.5739
	16 l00c	0.0	1.0	0.0	81.16	-83.43	64.7	105.59	142	28.68	58.76	14.79	0.2805	0.5748
	17 l13c	0.0	1.0	0.125	81.15	-83.38	64.43	105.38	142	28.68	58.75	14.9	0.2803	0.5741
	18 l25c	0.0	1.0	0.25	81.26	-82.04	59.08	101.11	144	29.15	58.95	17.44	0.2762	0.5586
	19 l38c	0.0	1.0	0.375	81.56	-78.93	47.82	92.29	149	30.3	59.48	23.74	0.2669	0.524
	20 l50c	0.0	1.0	0.5	81.99	-74.37	34.29	81.9	155	32.04	60.28	33.24	0.2552	0.4801
	21 l63c	0.0	1.0	0.625	82.59	-69.06	20.63	72.09	163	34.27	61.39	45.33	0.243	0.4354
	22 l75c	0.0	1.0	0.75	83.26	-62.96	7.23	63.39	173	36.93	62.65	59.93	0.2315	0.3928
	23 l88c	0.0	1.0	0.875	84.03	-56.55	-5.28	56.81	185	39.96	64.12	76.43	0.2214	0.3552
	24 c00v	0.0	1.0	1.0	84.92	-50.12	-16.76	52.86	198	43.34	65.85	94.49	0.2128	0.3233
	25 c13v	0.0	0.875	1.0	78.46	-38.34	-26.56	46.66	215	38.14	54.0	92.52	0.2065	0.2924
	26 c25v	0.0	0.75	1.0	71.68	-24.97	-37.17	44.79	236	33.43	43.19	90.95	0.1995	0.2577
	27 c38v	0.0	0.675	1.0	64.5	-9.86	-48.27	49.28	258	29.13	33.42	89.1	0.1921	0.2204
	28 c50v	0.0	0.5	1.0	57.24	6.24	-59.92	60.25	276	25.37	25.17	87.87	0.1833	0.1819
	29 c63v	0.0	0.375	1.0	50.22	23.79	-71.53	75.39	288	22.48	18.6	87.17	0.1753	0.1451
	30 c75v	0.0	0.25	1.0	44.41	39.48	-81.13	90.23	296	20.5	14.12	86.57	0.1691	0.1165
	31 c88v	0.0	0.125	1.0	41.78	47.52	-85.78	98.07	299	19.83	12.36	86.75	0.1667	0.1039
	32 v00m	0.0	0.0	1.0	41.66	46.88	-85.42	97.44	299	19.6	12.28	85.94	0.1663	0.1042
	33 v13m	0.125	0.0	1.0	41.91	47.61	-85.48	97.85	299	19.96	12.44	86.63	0.1677	0.1045
	34 v25m	0.25	0.0	1.0	43.6	49.92	-82.48	96.42	301	21.96	13.56	86.51	0.1799	0.1111
	35 v38m	0.375	0.0	1.0	46.39	54.2	-77.76	94.8	305	25.65	15.56	86.66	0.2006	0.1217
	36 v50m	0.5	0.0	1.0	49.94	59.53	-72.04	93.46	310	30.88	18.36	87.2	0.2263	0.1346
	37 v63m	0.625	0.0	1.0	53.74	63.69	-65.07	91.06	314	36.75	21.73	86.61	0.2533	0.1497
	38 v75m	0.75	0.0	1.0	57.78	69.03	-58.48	90.48	320	44.09	25.73	87.16	0.2809	0.1639
	39 v88m	0.875	0.0	1.0	61.77	73.69	-51.58	89.96	325	51.99	30.14	87.12	0.3072	0.1781
	40 m00o	1.0	0.0	1.0	65.64	78.52	-45.25	90.63	330	60.63	34.86	87.6	0.3311	0.1904
	41 m13o	1.0	0.0	0.875	64.29	76.2	-33.81	83.37	336	57.25	33.16	69.56	0.3579	0.2073
	42 m25o	1.0	0.0	0.75	63.09	73.82	-21.01	76.75	344	54.24	31.7	53.06	0.3902	0.228
	43 m38o	1.0	0.0	0.675	61.99	71.61	-6.85	71.94	355	51.56	30.39	38.42	0.4283	0.2525
	44 m50o	1.0	0.0	0.5	61.05	74.35	5.57	74.56	4	51.05	29.3	28.06	0.4709	0.2703
	45 m63o	1.0	0.0	0.375	60.28	67.95	24.38	72.19	20	47.47	28.43	16.73	0.5125	0.3069
	46 m75o	1.0	0.0	0.25	59.77	66.87	39.24	77.53	30	46.31	27.87	10.39	0.5476	0.3295
	47 m88o	1.0	0.0	0.125	59.57	66.46	47.07	81.44	35	45.86	27.65	7.84	0.5638	0.3398
	48 o00y	1.0	0.0	0.0	59.5	66.32	47.38	81.51	36	45.71	27.57	7.72	0.5643	0.3404
	49 n00w	0.0	0.0	0.0	26.85	0.0	0.0	0.01	0	4.79	5.04	5.49	0.3127	0.329
	50 n13w	0.125	0.125	0.125	27.41	1.26	0.41	1.32	18	5.08	5.24	5.61	0.3189	0.3289
	51 n25w	0.25	0.25	0.25	34.76	3.82	1.67	4.17	24	8.39	8.38	8.61	0.3305	0.3302
	52 n38w	0.375	0.375	0.375	46.39	3.2	2.05	3.8	33	15.32	15.56	15.99	0.3269	0.332
	53 n50w	0.5	0.5	0.5	57.87	2.3	1.7	2.86	37	25.08	25.83	27.01	0.3219	0.3315
	54 n63w	0.625	0.625	0.625	68.52	1.51	1.44	2.08	44	37.22	38.68	40.88	0.3187	0.3312
	55 n75w	0.75	0.75	0.75	78.29	0.92	0.86	1.26	43	51.39	53.71	57.56	0.3159	0.3302
	56 n88w	0.875	0.875	0.875	87.2	0.61	0.31	0.68	27	67.2	70.41	76.27	0.3142	0.3292
	57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	85	84.2	88.59	96.46	0.3127	0.329

KG370-7N

$n = 88.59 / (88.59 - 0.05) = 1.001$

TUB-Prüfvorlage KG37; Bunttonkreis und farbmetrische Daten input: *olv* setrgbcolor*
 Messung: LCD- und CRT-Display und LCD-Projektor output: *no change compared to input*

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /.PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS27a für Helligkeit $L^*_N=27$ von Schwarz

System:

TLS27a Y Gelb

Monitor: $LCH^*_a = 92.1 \ 80.4 \ 102$

CRT $LAB^*_a = 92.1 \ -16.7 \ 78.7$

Reflexion:

$Y_N = 5.04$

$L^*_N = 26.85$

L Laubgrün

$LCH^*_a = 81.2 \ 105.6 \ 142$

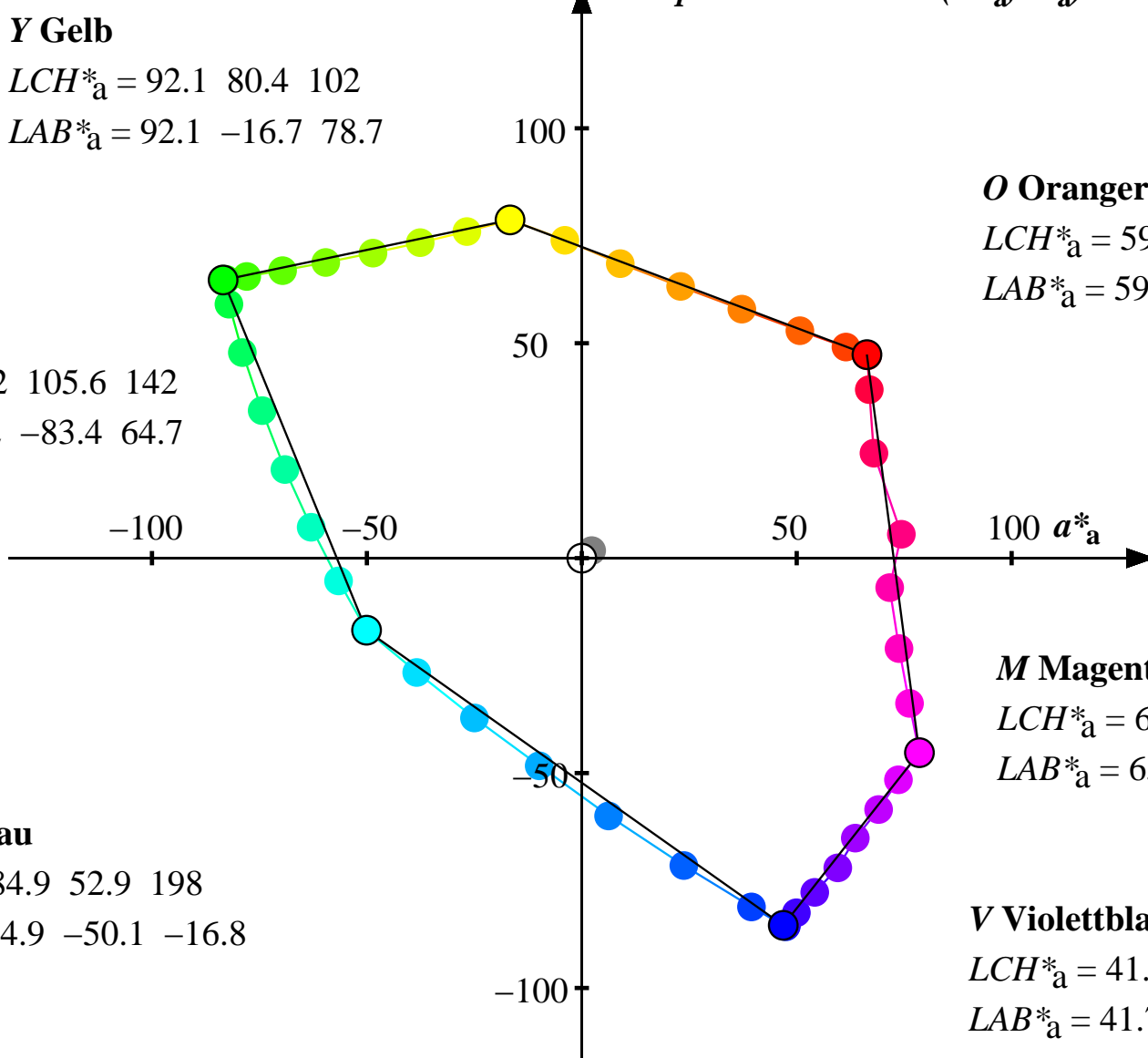
$LAB^*_a = 81.2 \ -83.4 \ 64.7$

C Cyanblau

$LCH^*_a = 84.9 \ 52.9 \ 198$

$LAB^*_a = 84.9 \ -50.1 \ -16.8$

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



O Orangerot

$LCH^*_a = 59.5 \ 81.5 \ 36$

$LAB^*_a = 59.5 \ 66.3 \ 47.4$

M Magentarot

$LCH^*_a = 65.6 \ 90.6 \ 330$

$LAB^*_a = 65.6 \ 78.5 \ -45.3$

V Violettblau

$LCH^*_a = 41.7 \ 97.4 \ 299$

$LAB^*_a = 41.7 \ 46.9 \ -85.4$

Siehe Original/Kopie: <http://web.me.com/Klaus.richter/KG37/KG37LONA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS38a für Helligkeit $L^*_N=38$ von Schwarz

System:	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	$Y_a/88.59$	
TLS38a	00 o00y	1.0	0.0	0.0	62.72	58.96	37.05	69.64	32	48.03	31.25	13.08	0.5201	0.3384	0.3837
	01 o13y	1.0	0.125	0.0	62.72	58.8	37.04	69.49	32	47.97	31.25	13.08	0.5197	0.3386	0.3837
	02 o25y	1.0	0.25	0.0	64.15	54.83	38.76	67.15	35	48.77	32.98	13.38	0.5127	0.3467	0.4049
	03 o38y	1.0	0.375	0.0	67.42	45.61	42.64	62.43	43	50.57	37.19	14.1	0.4965	0.3651	0.4566
Monitor:	04 o50y	1.0	0.5	0.0	71.8	33.78	47.73	58.48	55	53.27	43.37	15.16	0.4765	0.3879	0.5324
	05 o63y	1.0	0.625	0.0	76.75	21.04	53.27	57.28	68	56.67	51.12	16.51	0.4559	0.4113	0.6276
CRT	06 o75y	1.0	0.75	0.0	81.96	8.24	58.96	59.54	82	60.66	60.23	18.08	0.4365	0.4334	0.7394
	07 o88y	1.0	0.875	0.0	87.16	-3.66	64.67	64.77	93	65.21	70.34	19.74	0.4199	0.453	0.8636
Reflexion:	08 y00l	1.0	1.0	0.0	92.33	-15.55	69.75	71.47	103	69.93	81.46	21.82	0.4038	0.4703	1.0
	09 y13l	0.875	1.0	0.0	90.32	-24.85	67.1	71.55	110	61.91	77.0	21.36	0.3863	0.4804	0.9453
	10 y25l	0.75	1.0	0.0	88.43	-34.71	64.56	73.31	118	54.51	72.97	20.97	0.3672	0.4916	0.8958
	11 y38l	0.625	1.0	0.0	86.67	-44.67	62.2	76.58	126	47.88	69.33	20.6	0.3474	0.5031	0.8511
	12 y50l	0.5	1.0	0.0	85.04	-54.39	60.03	81.01	132	42.09	66.09	20.26	0.3277	0.5145	0.8114
	13 y63l	0.375	1.0	0.0	83.72	-63.25	58.22	85.98	137	37.45	63.53	20.01	0.3095	0.5251	0.78
	14 y75l	0.25	1.0	0.0	82.74	-70.41	56.89	90.53	141	34.07	61.68	19.83	0.2948	0.5337	0.7572
	15 y88l	0.125	1.0	0.0	82.21	-74.53	56.16	93.33	143	32.25	60.68	19.72	0.2863	0.5386	0.745
	16 l00c	0.0	1.0	0.0	82.14	-75.08	56.06	93.71	143	32.03	60.56	19.72	0.2852	0.5393	0.7435
	17 l13c	0.0	1.0	0.125	82.13	-75.04	55.84	93.54	143	32.03	60.55	19.82	0.2849	0.5387	0.7433
	18 l25c	0.0	1.0	0.25	82.24	-73.89	51.65	90.16	145	32.47	60.73	22.2	0.2813	0.5263	0.7456
	19 l38c	0.0	1.0	0.375	82.51	-71.22	42.46	82.92	149	33.55	61.24	28.13	0.2729	0.4982	0.7518
	20 l50c	0.0	1.0	0.5	82.91	-67.29	30.9	74.05	155	35.19	61.99	37.05	0.2622	0.4618	0.761
	21 l63c	0.0	1.0	0.625	83.46	-62.68	18.82	65.45	163	37.28	63.03	48.42	0.2507	0.4238	0.7738
	22 l75c	0.0	1.0	0.75	84.08	-57.34	6.66	57.73	173	39.78	64.21	62.13	0.2395	0.3865	0.7883
	23 l88c	0.0	1.0	0.875	84.79	-51.68	-4.89	51.92	185	42.63	65.6	77.64	0.2294	0.3529	0.8053
	24 c00v	0.0	1.0	1.0	85.62	-45.96	-15.64	48.56	199	45.81	67.22	94.61	0.2206	0.3237	0.8252
	25 c13v	0.0	0.875	1.0	79.66	-34.78	-24.65	42.64	215	40.92	56.08	92.76	0.2156	0.2956	0.6885
	26 c25v	0.0	0.75	1.0	73.5	-22.33	-34.27	40.92	237	36.5	45.93	91.29	0.2101	0.2644	0.5638
	27 c38v	0.0	0.675	1.0	67.09	-8.66	-44.12	44.97	259	32.45	36.75	89.54	0.2044	0.2315	0.4511
	28 c50v	0.0	0.5	1.0	60.78	5.36	-54.18	54.46	276	28.92	29.0	88.39	0.1977	0.1982	0.356
	29 c63v	0.0	0.375	1.0	54.89	19.86	-63.87	66.9	287	26.2	22.83	87.73	0.1916	0.1669	0.2802
	30 c75v	0.0	0.25	1.0	50.23	32.04	-71.51	78.37	294	24.34	18.61	87.17	0.1871	0.143	0.2285
	31 c88v	0.0	0.125	1.0	48.21	38.03	-75.12	84.21	297	23.72	16.96	87.34	0.1853	0.1325	0.2082
	32 v00m	0.0	0.0	1.0	48.11	37.46	-74.74	83.61	297	23.49	16.88	86.58	0.1851	0.133	0.2073
	33 v13m	0.125	0.0	1.0	48.3	38.15	-74.87	84.04	297	23.83	17.03	87.22	0.1861	0.133	0.2091
	34 v25m	0.25	0.0	1.0	49.6	40.61	-72.56	83.16	299	25.71	18.09	87.11	0.1964	0.1382	0.222
	35 v38m	0.375	0.0	1.0	51.8	45.09	-68.86	82.32	303	29.19	19.97	87.25	0.214	0.1464	0.2451
	36 v50m	0.5	0.0	1.0	54.66	50.71	-64.3	81.9	308	34.09	22.6	87.76	0.236	0.1565	0.2775
	37 v63m	0.625	0.0	1.0	57.81	55.35	-58.47	80.52	313	39.61	-25.76	87.21	0.2596	0.1688	0.3163
	38 v75m	0.75	0.0	1.0	61.24	61.08	-52.92	80.82	319	46.51	29.52	87.72	0.284	0.1803	0.3624
	39 v88m	0.875	0.0	1.0	64.69	66.13	-46.94	81.1	325	53.93	33.66	87.69	0.3077	0.192	0.4132
	40 m00o	1.0	0.0	1.0	68.09	71.27	-41.39	82.43	330	62.05	38.1	88.14	0.3295	0.2024	0.4677
	41 m13o	1.0	0.0	0.875	66.9	68.9	-30.64	75.4	336	58.88	36.51	71.19	0.3535	0.2192	0.4482
	42 m25o	1.0	0.0	0.75	65.85	66.49	-18.81	69.1	344	56.04	35.13	55.68	0.3816	0.2392	0.4313
	43 m38o	1.0	0.0	0.675	64.89	64.26	-6.03	64.55	355	53.52	33.9	41.92	0.4138	0.2621	0.4162
	44 m50o	1.0	0.0	0.5	64.06	66.59	4.81	66.76	4	53.05	32.88	32.18	0.4492	0.2784	0.4036
	45 m63o	1.0	0.0	0.375	63.39	60.59	20.34	63.92	19	49.69	32.06	21.54	0.4811	0.3104	0.3936
	46 m75o	1.0	0.0	0.25	62.95	59.51	31.51	67.34	28	48.6	31.53	15.58	0.5077	0.3294	0.3871
	47 m88o	1.0	0.0	0.125	62.78	59.1	36.87	69.66	32	48.17	31.32	13.19	0.5198	0.3379	0.3845
	48 o00y	1.0	0.0	0.0	62.72	58.96	37.05	69.64	32	48.03	31.25	13.08	0.5201	0.3384	0.3837
	49 n00w	0.0	0.0	0.0	37.99	0.0	0.0	0.01	0	9.58	10.08	10.98	0.3127	0.329	0.1237
	50 n13w	0.125	0.125	0.125	38.32	0.76	0.24	0.8	18	9.85	10.27	11.09	0.3157	0.3289	0.1261
	51 n25w	0.25	0.25	0.25	43.09	2.67	1.15	2.9	23	12.96	13.22	13.91	0.3233	0.3297	0.1623
	52 n38w	0.375	0.375	0.375	51.8	2.55	1.63	3.03	32	19.48	19.97	20.85	0.3231	0.3312	0.2451
	53 n50w	0.5	0.5	0.5	61.32	1.97	1.46	2.45	36	28.65	29.61	31.2	0.3202	0.331	0.3635
	54 n63w	0.625	0.625	0.625	70.66	1.35	1.28	1.86	44	40.05	41.69	44.23	0.3179	0.3309	0.5118
	55 n75w	0.75	0.75	0.75	79.51	0.84	0.79	1.15	43	53.37	55.81	59.9	0.3156	0.3301	0.6852
	56 n88w	0.875	0.875	0.875	87.73	0.57	0.29	0.63	27	68.22	71.51	77.49	0.3141	0.3292	0.8779
	57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	85	84.2	88.59	96.46	0.3127	0.329	1.0876

KG370-7N

$n = 88.59 / (88.59 - 0.05) = 1.001$

TUB-Prüfvorlage KG37; Bunttonkreis und farbmetrische Daten
Messung: LCD- und CRT-Display und LCD-Projektor

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

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /PS
Anwendung für Messung von Drucker- oder Monitorsystemen
TUB-Material: Code=rh4ta

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS38a für Helligkeit $L^*_N=38$ von Schwarz

System:

TLS38a Y Gelb

Monitor: $LCH^*_a = 92.3 \ 71.5 \ 103$

CRT $LAB^*_a = 92.3 \ -15.6 \ 69.8$

Reflexion:

$Y_N = 10.08$

$L^*_N = 37.99$

L Laubgrün

$LCH^*_a = 82.1 \ 93.7 \ 143$

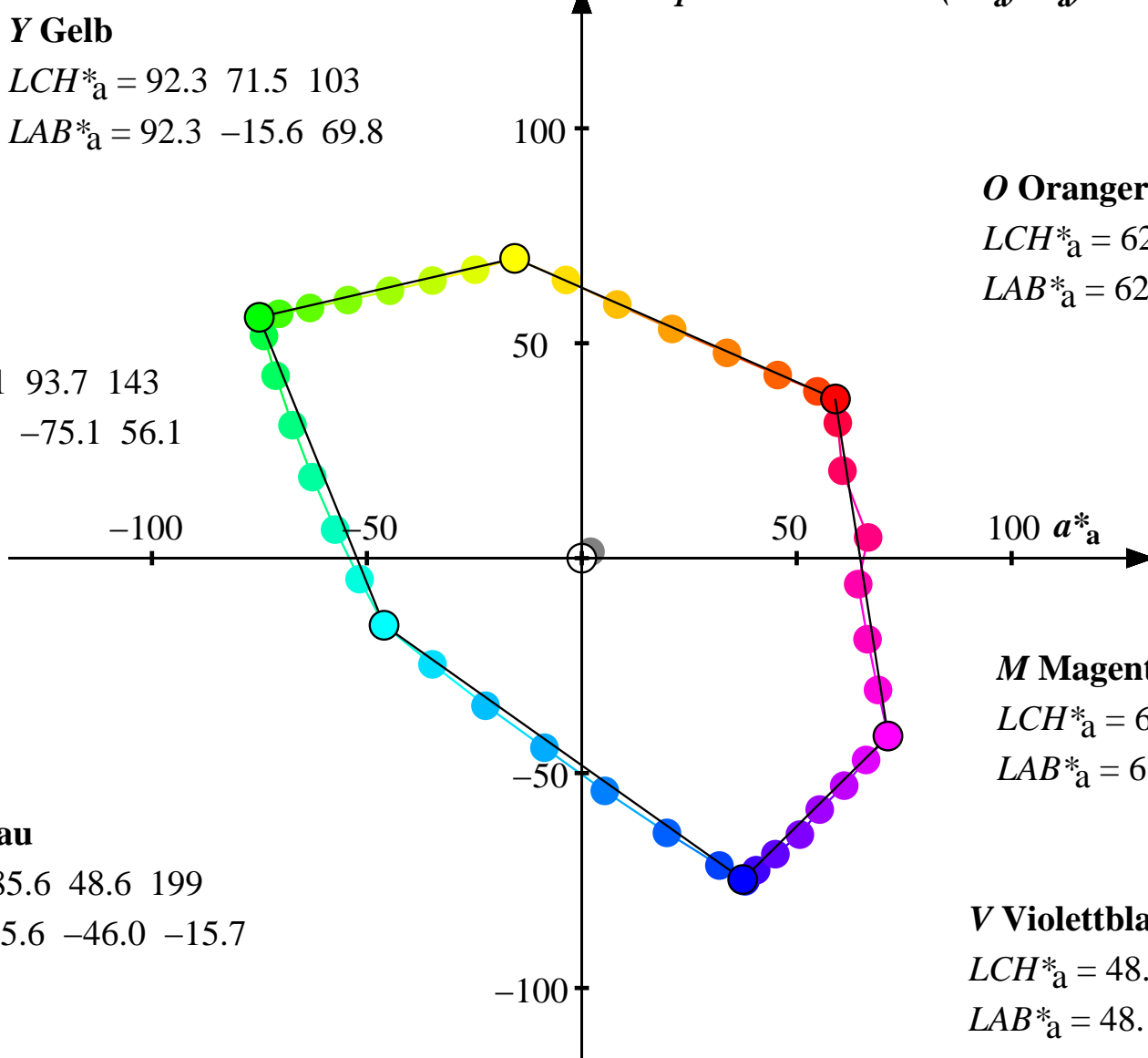
$LAB^*_a = 82.1 \ -75.1 \ 56.1$

C Cyanblau

$LCH^*_a = 85.6 \ 48.6 \ 199$

$LAB^*_a = 85.6 \ -46.0 \ -15.7$

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



O Orangerot

$LCH^*_a = 62.7 \ 69.6 \ 32$

$LAB^*_a = 62.7 \ 59.0 \ 37.1$

M Magentarot

$LCH^*_a = 68.1 \ 82.4 \ 330$

$LAB^*_a = 68.1 \ 71.3 \ -41.4$

V Violettblau

$LCH^*_a = 48.1 \ 83.6 \ 297$

$LAB^*_a = 48.1 \ 37.5 \ -74.8$

Siehe Original/Kopie: <http://web.me.com/Klaus.richter/KG37/KG37LONA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS52a für Helligkeit $L^*_N=52$ von Schwarz

System:	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	$Y_a/88.59$
TLS52a	00 o00y	1.0	0.0	0.0	68.47	46.61	25.2	52.99	28	52.68	38.62	0.4578	0.3356	0.4688
	01 o13y	1.0	0.125	0.0	68.47	46.48	25.19	52.87	28	52.63	38.62	0.4575	0.3357	0.4688
	02 o25y	1.0	0.25	0.0	69.56	43.59	26.63	51.08	31	53.32	40.12	0.4538	0.3415	0.4871
	03 o38y	1.0	0.375	0.0	72.09	36.7	29.94	47.36	39	54.89	43.79	0.445	0.355	0.5316
Monitor:	04 o50y	1.0	0.5	0.0	75.56	27.59	34.43	44.12	51	57.24	49.17	0.4336	0.3725	0.597
	05 o63y	1.0	0.625	0.0	79.57	17.45	39.49	43.17	66	60.2	55.93	0.4213	0.3914	0.679
CRT	06 o75y	1.0	0.75	0.0	83.9	6.93	44.83	45.36	81	63.68	63.87	0.409	0.4102	0.7754
	07 o88y	1.0	0.875	0.0	88.3	-3.12	50.27	50.37	94	67.65	72.69	0.3981	0.4277	0.8824
Reflexion:	08 y00l	1.0	1.0	0.0	92.74	-13.39	55.35	56.94	104	71.76	82.37	0.3868	0.444	1.0
	09 y13l	0.875	1.0	0.0	91.0	-21.2	52.91	57.0	112	64.77	78.49	0.3717	0.4504	0.9529
	10 y25l	0.75	1.0	0.0	89.38	-29.33	50.6	58.49	120	58.32	74.97	0.3557	0.4573	0.9102
	11 y38l	0.625	1.0	0.0	87.87	-37.35	48.46	61.19	128	52.54	71.8	0.3397	0.4642	0.8717
	12 y50l	0.5	1.0	0.0	86.49	-44.98	46.51	64.71	134	47.5	68.98	0.3242	0.4708	0.8374
	13 y63l	0.375	1.0	0.0	85.38	-51.77	44.9	68.53	139	43.45	66.75	0.3103	0.4767	0.8103
	14 y75l	0.25	1.0	0.0	84.55	-57.13	43.71	71.94	143	40.51	65.14	0.2994	0.4814	0.7908
	15 y88l	0.125	1.0	0.0	84.1	-60.16	43.06	73.99	144	38.92	64.27	0.2932	0.4841	0.7802
	16 l00c	0.0	1.0	0.0	84.05	-60.56	42.98	74.27	145	38.72	64.16	0.2924	0.4844	0.7789
	17 l13c	0.0	1.0	0.125	84.04	-60.52	42.83	74.16	145	38.73	64.15	0.2922	0.484	0.7787
	18 l25c	0.0	1.0	0.25	84.13	-59.68	40.03	71.86	146	39.11	64.31	0.2894	0.4758	0.7807
	19 l38c	0.0	1.0	0.375	84.35	-57.69	33.58	66.76	150	40.05	64.75	0.2826	0.4569	0.7861
	20 l50c	0.0	1.0	0.5	84.69	-54.74	24.99	60.18	155	41.48	65.41	0.2737	0.4315	0.794
	21 l63c	0.0	1.0	0.625	85.15	-51.26	15.52	53.56	163	43.3	66.31	0.2637	0.4038	0.805
	22 l75c	0.0	1.0	0.75	85.68	-47.15	5.58	47.49	173	45.48	67.34	0.2536	0.3755	0.8175
	23 l88c	0.0	1.0	0.875	86.28	-42.75	-4.16	42.97	186	47.97	68.55	0.244	0.3487	0.8322
	24 c00v	0.0	1.0	1.0	86.98	-38.26	-13.45	40.56	199	50.74	69.96	0.2354	0.3246	0.8494
	25 c13v	0.0	0.875	1.0	81.98	-28.39	-20.98	35.32	216	46.47	60.26	0.2324	0.3013	0.7315
	26 c25v	0.0	0.75	1.0	76.92	-17.81	-28.82	33.89	238	42.62	51.4	0.2292	0.2764	0.624
	27 c38v	0.0	0.675	1.0	71.83	-6.71	-36.56	37.18	260	39.09	43.4	0.2261	0.251	0.5269
	28 c50v	0.0	0.5	1.0	67.01	4.01	-44.16	44.36	275	36.02	36.65	0.2222	0.2261	0.4449
	29 c63v	0.0	0.375	1.0	62.73	14.35	-51.14	53.12	286	33.65	31.27	0.2188	0.2034	0.3796
	30 c75v	0.0	0.25	1.0	59.52	22.4	-56.33	60.63	292	32.03	27.6	0.2164	0.1865	0.335
	31 c88v	0.0	0.125	1.0	58.18	26.2	-58.74	64.33	294	31.48	26.15	0.2154	0.179	0.3175
	32 v00m	0.0	0.0	1.0	58.12	25.76	-58.38	63.82	294	31.29	26.09	0.2154	0.1796	0.3167
	33 v13m	0.125	0.0	1.0	58.25	26.31	-58.57	64.21	294	31.58	26.22	0.216	0.1793	0.3183
	34 v25m	0.25	0.0	1.0	59.1	28.49	-57.02	63.75	297	33.22	27.14	0.2234	0.1825	0.3295
	35 v38m	0.375	0.0	1.0	60.58	32.5	-54.55	63.51	301	36.25	28.78	0.2362	0.1875	0.3494
	36 v50m	0.5	0.0	1.0	62.57	37.68	-51.44	63.78	306	40.53	31.07	0.2525	0.1936	0.3772
	37 v63m	0.625	0.0	1.0	64.83	42.3	-47.21	63.39	312	45.34	33.83	0.2706	0.2019	0.4107
	38 v75m	0.75	0.0	1.0	67.36	47.93	-43.16	64.5	318	51.35	37.11	0.2896	0.2093	0.4505
	39 v88m	0.875	0.0	1.0	69.98	53.08	-38.63	65.65	324	57.82	40.71	0.3086	0.2173	0.4943
	40 m00o	1.0	0.0	1.0	72.62	58.31	-34.35	67.68	329	64.89	44.58	0.3266	0.2244	0.5412
	41 m13o	1.0	0.0	0.875	71.69	55.99	-24.99	61.32	336	62.13	43.19	0.3456	0.2403	0.5244
	42 m25o	1.0	0.0	0.75	70.87	53.69	-15.02	55.75	344	59.66	41.99	0.367	0.2583	0.5098
	43 m38o	1.0	0.0	0.675	70.12	51.58	-4.69	51.79	355	57.46	40.92	0.3901	0.2778	0.4968
	44 m50o	1.0	0.0	0.5	69.49	53.28	3.64	50.34	4	57.05	40.03	0.4149	0.2911	0.486
	45 m63o	1.0	0.0	0.375	68.98	48.13	14.72	53.41	17	54.12	39.32	0.4344	0.3156	0.4773
	46 m75o	1.0	0.0	0.25	68.65	47.13	21.92	51.97	25	53.17	38.86	0.4506	0.3293	0.4717
	47 m88o	1.0	0.0	0.125	68.51	46.75	25.1	53.06	28	52.8	38.67	0.4577	0.3353	0.4695
	48 o00y	1.0	0.0	0.0	68.47	46.61	25.2	52.99	28	52.68	38.62	0.4578	0.3356	0.4688
	49 n00w	0.0	0.0	0.0	52.02	0.0	0.0	0.01	0	19.16	20.16	0.3127	0.329	0.2447
	50 n13w	0.125	0.125	0.125	52.2	0.42	0.13	0.44	18	19.4	20.32	0.314	0.329	0.2467
	51 n25w	0.25	0.25	0.25	54.96	1.62	0.69	1.76	23	22.11	22.89	0.318	0.3294	0.2779
	52 n38w	0.375	0.375	0.375	60.58	1.75	1.11	2.07	32	27.79	28.78	0.319	0.3303	0.3494
	53 n50w	0.5	0.5	0.5	67.42	1.48	1.09	1.84	36	35.78	37.19	0.3179	0.3304	0.4514
	54 n63w	0.625	0.625	0.625	74.64	1.07	1.02	1.48	44	45.72	47.71	0.3167	0.3305	0.5792
	55 n75w	0.75	0.75	0.75	81.85	0.7	0.65	0.95	43	57.33	60.02	0.3151	0.3299	0.7287
	56 n88w	0.875	0.875	0.875	88.78	0.48	0.24	0.54	27	70.27	73.7	0.3139	0.3292	0.8947
	57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	0.3127	0.329	1.0755

KG370-7N

$n = 88.59 / (88.59 - 0.05) = 1.001$

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS52a für Helligkeit $L^*_N=52$ von Schwarz

System:

TLS52a Y Gelb

Monitor: $LCH^*_a = 92.7 \ 56.9 \ 104$

CRT $LAB^*_a = 92.7 \ -13.4 \ 55.3$

Reflexion:

$Y_N = 20.16$

$L^*_N = 52.02$

L Laubgrün

$LCH^*_a = 84.0 \ 74.3 \ 145$

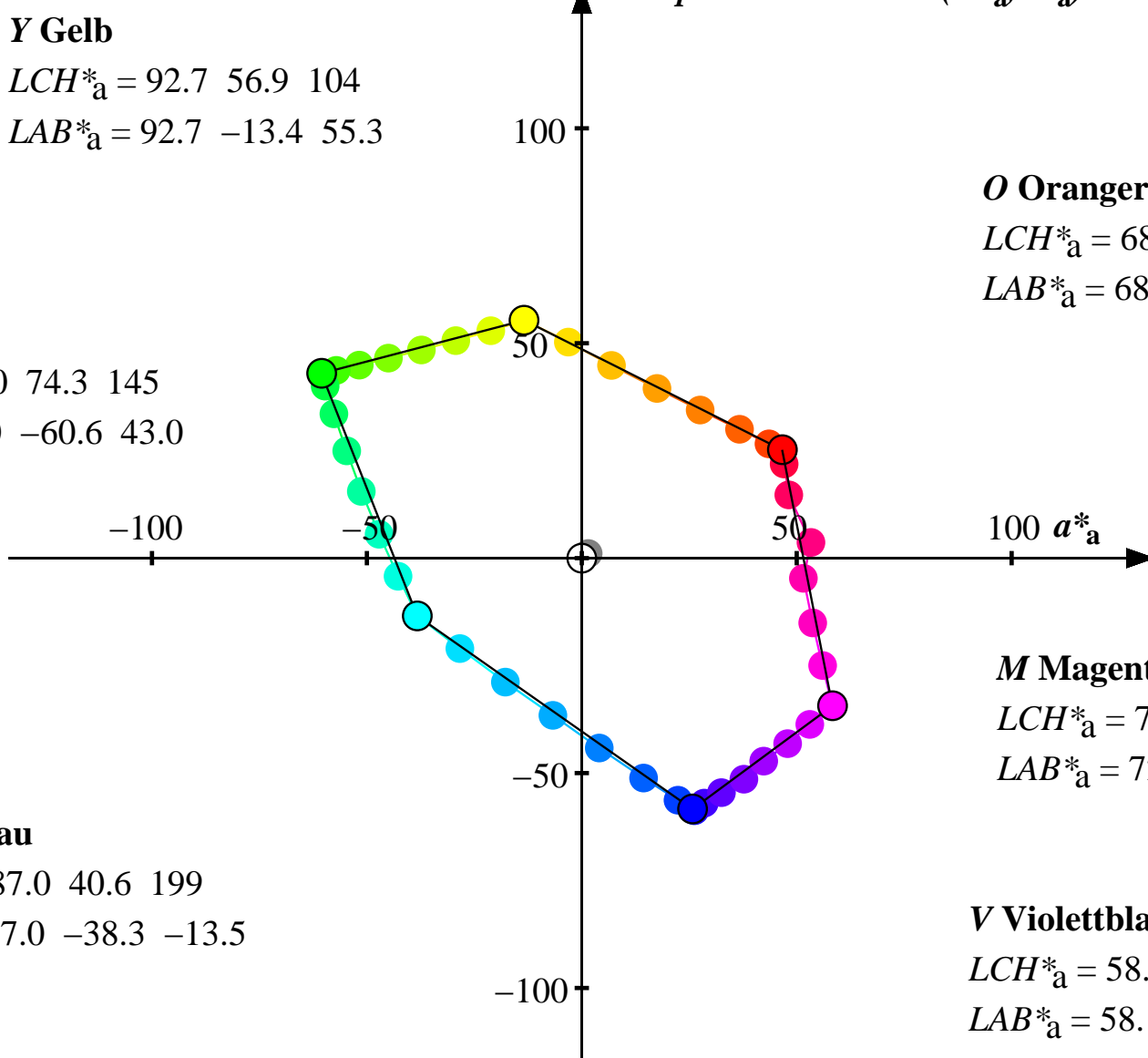
$LAB^*_a = 84.0 \ -60.6 \ 43.0$

C Cyanblau

$LCH^*_a = 87.0 \ 40.6 \ 199$

$LAB^*_a = 87.0 \ -38.3 \ -13.5$

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



O Orangerot

$LCH^*_a = 68.5 \ 53.0 \ 28$

$LAB^*_a = 68.5 \ 46.6 \ 25.2$

M Magentarot

$LCH^*_a = 72.6 \ 67.7 \ 329$

$LAB^*_a = 72.6 \ 58.3 \ -34.4$

V Violettblau

$LCH^*_a = 58.1 \ 63.8 \ 294$

$LAB^*_a = 58.1 \ 25.8 \ -58.4$

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TUB-Registrierung: 20100601-KG37/KG37L0NA.TXT /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen

TUB-Material: Code=rh4ta

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS70a für Helligkeit $L^*_N=70$ von Schwarz

System:

TLS70a

Monitor:

CRT

Reflexion:

$Y_N = 40.32$

$L^*_N = 69.7$

Table with 15 columns: 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, htab,a, Xa=XYZ1a, Ya=XYZ2a, Za=XYZ3a, xa, ya, Ya/88.59. Rows include color patches like o00y, o13y, o25y, etc.

KG370-7N

n = 88.59 / (88.59 - 0.05) = 1.001

TUB-Prüfvorlage KG37; Bunttonkreis und farbmetrische Daten input: olv* setrgbcolor

Messung: LCD- und CRT-Display und LCD-Projektor

output: no change compared to input

See Original/Kopie: http://web.me.com/klaus.richter/KG37/KG37LONA.TXT /PS
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /PS
Anwendung für Messung von Drucker- oder Monitorsystemen
TUB-Material: Code=rh4ta

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS70a für Helligkeit $L^*_N=70$ von Schwarz

System:

TLS70a **Y Gelb**

Monitor: $LCH^*_a = 93.5 \ 35.2 \ 105$

CRT

$LAB^*_a = 93.5 \ -9.2 \ 34.0$

Reflexion:

$Y_N = 40.32$

$L^*_N = 69.7$

L Laubgrün

$LCH^*_a = 87.7 \ 45.2 \ 146$

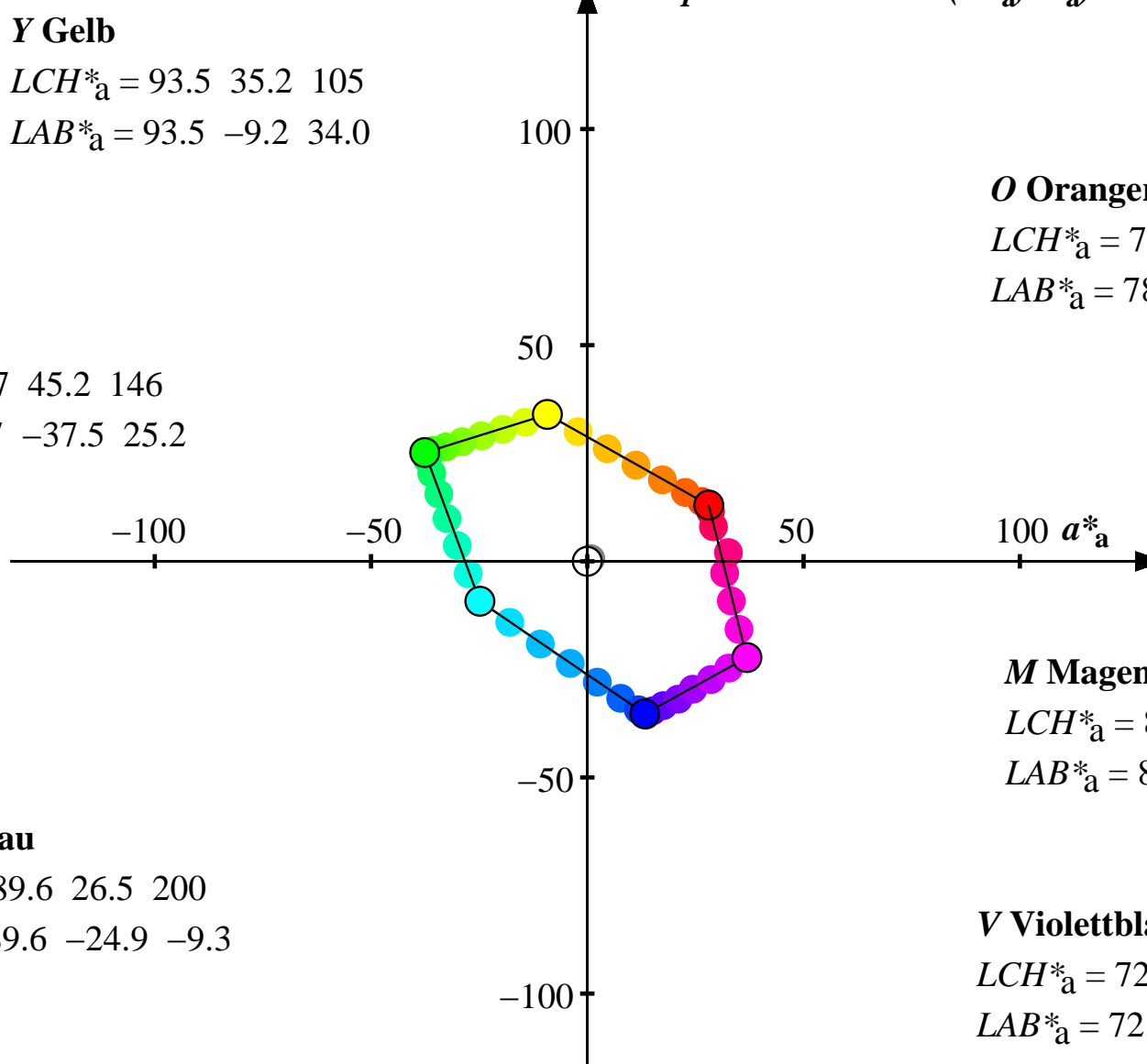
$LAB^*_a = 87.7 \ -37.5 \ 25.2$

C Cyanblau

$LCH^*_a = 89.6 \ 26.5 \ 200$

$LAB^*_a = 89.6 \ -24.9 \ -9.3$

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



O Orangerot

$LCH^*_a = 78.1 \ 30.9 \ 25$

$LAB^*_a = 78.1 \ 28.1 \ 13.0$

M Magentarot

$LCH^*_a = 80.5 \ 43.1 \ 329$

$LAB^*_a = 80.5 \ 36.9 \ -22.3$

V Violettblau

$LCH^*_a = 72.6 \ 37.7 \ 291$

$LAB^*_a = 72.6 \ 13.3 \ -35.3$

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS03 für Helligkeit $L^*_N=03$ von Schwarz

System:	Farbe	$r=olv^*_1$	$g=olv^*_2$	$b=olv^*_3$	$L^*_c=LAB^*_1c$	$a^*_c=LAB^*_2c$	$b^*_c=LAB^*_3c$	$C^*_{ab,c}=LAB^*_rc$	$h_{ab,c}$	$X_c=XYZ^*_1c$	$Y_c=XYZ^*_2c$	$Z_c=XYZ^*_3c$	x_c	y_c	$Y_c/88.59$
TLS03	00 o00y	1.0	0.0	0.0	37.1	58.78	56.51	81.54	44	18.1	9.59	0.52	0.6415	0.34	0.1083
Projektor:	01 o13y	1.0	0.125	0.0	37.41	58.02	56.42	80.93	44	18.21	9.76	0.57	0.6381	0.3421	0.1102
LCD	02 o25y	1.0	0.25	0.0	38.83	54.44	57.1	78.89	46	18.69	10.56	0.69	0.6243	0.3527	0.1192
	03 o38y	1.0	0.375	0.0	42.44	42.95	59.04	73.01	54	19.48	12.78	0.99	0.5859	0.3844	0.1443
	04 o50y	1.0	0.5	0.0	47.08	35.41	60.09	69.75	59	22.06	16.08	1.57	0.5556	0.4049	0.1815
	05 o63y	1.0	0.625	0.0	54.15	21.26	63.91	67.35	71	25.77	22.11	2.53	0.5112	0.4387	0.2496
	06 o75y	1.0	0.75	0.0	62.27	7.09	69.0	69.37	84	31.07	30.71	3.9	0.473	0.4676	0.3467
	07 o88y	1.0	0.875	0.0	70.64	-4.64	74.95	75.09	93	38.14	41.66	5.61	0.4465	0.4878	0.4703
	08 y00l	1.0	1.0	0.0	83.13	-16.8	84.65	86.31	101	52.58	62.4	8.73	0.425	0.5044	0.7044
	09 y13l	0.875	1.0	0.0	81.19	-24.79	81.99	85.66	106	46.56	58.82	8.53	0.4087	0.5164	0.664
	10 y25l	0.75	1.0	0.0	75.03	-33.74	75.48	82.68	114	35.07	48.33	7.36	0.3864	0.5325	0.5455
	11 y38l	0.625	1.0	0.0	74.08	-40.51	73.85	84.23	118	31.97	46.83	7.36	0.3711	0.5435	0.5286
	12 y50l	0.5	1.0	0.0	73.46	-45.58	72.79	85.89	122	29.89	45.87	7.36	0.3596	0.5519	0.5178
	13 y63l	0.375	1.0	0.0	73.1	-48.78	72.15	87.1	124	28.66	45.32	7.36	0.3523	0.5572	0.5116
	14 y75l	0.25	1.0	0.0	72.92	-50.49	71.84	87.82	125	28.02	45.04	7.36	0.3484	0.5601	0.5084
	15 y88l	0.125	1.0	0.0	72.84	-51.23	71.69	88.12	125	27.75	44.92	7.36	0.3467	0.5613	0.5071
	16 l00c	0.0	1.0	0.0	72.83	-51.36	71.66	88.17	125	27.7	44.91	7.37	0.3464	0.5615	0.5069
	17 l13c	0.0	1.0	0.125	72.87	-51.21	70.8	87.39	126	27.78	44.96	7.62	0.3457	0.5595	0.5075
	18 l25c	0.0	1.0	0.25	72.97	-50.7	67.1	84.11	127	28.02	45.12	8.75	0.3422	0.551	0.5093
	19 l38c	0.0	1.0	0.375	73.17	-49.55	59.71	77.6	129	28.53	45.42	11.31	0.3346	0.5327	0.5127
	20 l50c	0.0	1.0	0.5	73.55	-47.47	48.77	68.07	134	29.49	46.01	16.04	0.3222	0.5026	0.5193
	21 l63c	0.0	1.0	0.625	74.19	-44.2	34.93	56.34	141	31.09	47.0	23.86	0.305	0.461	0.5305
	22 l75c	0.0	1.0	0.75	74.8	-39.66	19.62	44.25	153	33.08	47.96	34.95	0.2852	0.4135	0.5414
	23 l88c	0.0	1.0	0.875	76.29	-33.9	3.44	34.08	174	36.63	50.36	51.35	0.2648	0.364	0.5684
	24 c00v	0.0	1.0	1.0	77.63	-27.89	-10.73	29.9	201	40.31	52.59	69.46	0.2483	0.3239	0.5936
	25 c13v	0.0	0.875	1.0	69.94	-19.11	-22.45	29.5	230	32.97	40.66	67.61	0.2334	0.2879	0.459
	26 c25v	0.0	0.75	1.0	60.8	-7.27	-36.62	37.35	260	25.8	29.02	65.75	0.214	0.2407	0.3276
	27 c38v	0.0	0.675	1.0	51.55	6.79	-51.31	51.77	278	20.11	19.75	64.29	0.1931	0.1896	0.2229
	28 c50v	0.0	0.5	1.0	43.25	21.59	-64.77	68.28	289	16.15	13.32	63.31	0.1741	0.1436	0.1504
	29 c63v	0.0	0.375	1.0	36.87	34.74	-75.21	82.86	295	13.78	9.47	62.69	0.1603	0.1102	0.1069
	30 c75v	0.0	0.25	1.0	32.68	44.51	-82.18	93.47	299	12.51	7.39	62.38	0.152	0.0898	0.0834
	31 c88v	0.0	0.125	1.0	30.75	49.23	-85.41	98.59	300	11.99	6.55	62.29	0.1483	0.081	0.0739
	32 v00m	0.0	0.0	1.0	30.28	50.46	-86.21	99.9	301	11.87	6.35	62.28	0.1475	0.0789	0.0717
	33 v13m	0.125	0.0	1.0	30.52	50.74	-86.47	100.26	301	12.06	6.45	63.03	0.1479	0.0791	0.0728
	34 v25m	0.25	0.0	1.0	30.67	50.94	-85.47	99.51	301	12.18	6.51	62.19	0.1506	0.0805	0.0735
	35 v38m	0.375	0.0	1.0	31.48	51.96	-83.92	98.71	302	12.85	6.86	62.02	0.1572	0.0839	0.0774
	36 v50m	0.5	0.0	1.0	33.02	53.8	-81.29	97.49	304	14.17	7.55	62.06	0.1691	0.0901	0.0852
	37 v63m	0.625	0.0	1.0	35.31	56.61	-76.94	95.53	307	16.3	8.66	61.6	0.1883	0.1	0.0977
	38 v75m	0.75	0.0	1.0	38.29	60.25	-71.06	93.17	310	19.37	10.25	60.77	0.2143	0.1134	0.1157
	39 v88m	0.875	0.0	1.0	43.55	65.86	-65.4	92.82	315	25.51	13.53	64.62	0.2461	0.1305	0.1527
	40 m00o	1.0	0.0	1.0	48.39	71.08	-60.47	93.32	320	32.22	17.11	68.65	0.2731	0.145	0.1931
	41 m13o	1.0	0.0	0.875	44.49	67.04	-44.55	80.49	327	26.78	14.18	44.89	0.3119	0.1652	0.1601
	42 m25o	1.0	0.0	0.75	41.5	64.08	-26.13	69.21	338	23.08	12.18	26.76	0.3721	0.1964	0.1375
	43 m38o	1.0	0.0	0.675	39.82	62.04	-9.33	62.74	351	21.08	11.14	16.02	0.4369	0.231	0.1258
	44 m50o	1.0	0.0	0.5	38.6	60.58	8.07	61.13	7	18.7	10.43	8.68	0.5077	0.2687	0.1177
	45 m63o	1.0	0.0	0.375	37.83	59.69	25.05	64.73	23	18.87	9.99	4.23	0.5702	0.3019	0.1128
	46 m75o	1.0	0.0	0.25	37.41	59.19	40.82	71.9	34	18.43	9.76	1.83	0.6138	0.3251	0.1102
	47 m88o	1.0	0.0	0.125	37.23	58.94	53.08	79.32	42	18.24	9.67	0.78	0.6359	0.337	0.1091
	48 o00y	1.0	0.0	0.0	37.1	58.78	56.51	81.54	44	18.1	9.59	0.52	0.6415	0.34	0.1083
	49 n00w	0.0	0.0	0.0	2.5	-0.41	0.23	0.48	0	0.25	0.28	0.29	0.3103	0.3398	0.0031
	50 n13w	0.125	0.125	0.125	4.56	-0.87	-0.48	1.01	238	0.46	0.5	0.58	0.2962	0.3263	0.0057
	51 n25w	0.25	0.25	0.25	12.6	-1.79	-1.6	1.79	260	1.4	1.5	1.8	0.2978	0.3193	0.0169
	52 n38w	0.375	0.375	0.375	23.36	-0.66	-1.79	1.92	264	3.67	3.91	4.6	0.3013	0.3208	0.0441
	53 n50w	0.5	0.5	0.5	34.78	-0.55	-1.92	2.01	267	7.91	8.39	9.75	0.3037	0.322	0.0947
	54 n63w	0.625	0.625	0.625	46.81	-0.46	-2.0	2.06	270	15.01	15.88	18.26	0.3054	0.323	0.1792
	55 n75w	0.75	0.75	0.75	61.39	-0.67	-1.71	1.84	264	28.05	29.7	33.6	0.3071	0.3251	0.3352
	56 n88w	0.875	0.875	0.875	80.86	-0.46	-0.03	0.48	324	55.14	58.21	63.43	0.3119	0.3293	0.6571
	57 n99w	1.0	1.0	1.0	95.41	-0.54	-0.04	0.55	0	83.91	88.59	96.53	0.3119	0.3293	1.0

KG370-7N

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS
 Anwendung für Messung von Drucker- oder Monitorsystemen

TUB-Material: Code=rh4ta

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS03 für Helligkeit $L^*_N=03$ von Schwarz System: *Standard-CIELAB (a^* , b^*)-Diagramm*

TLS03 **Y Gelb**
Projektor: $LCH^* = 83.1 \ 86.3 \ 101$
LCD $LAB^* = 83.1 \ -16.8 \ 84.7$

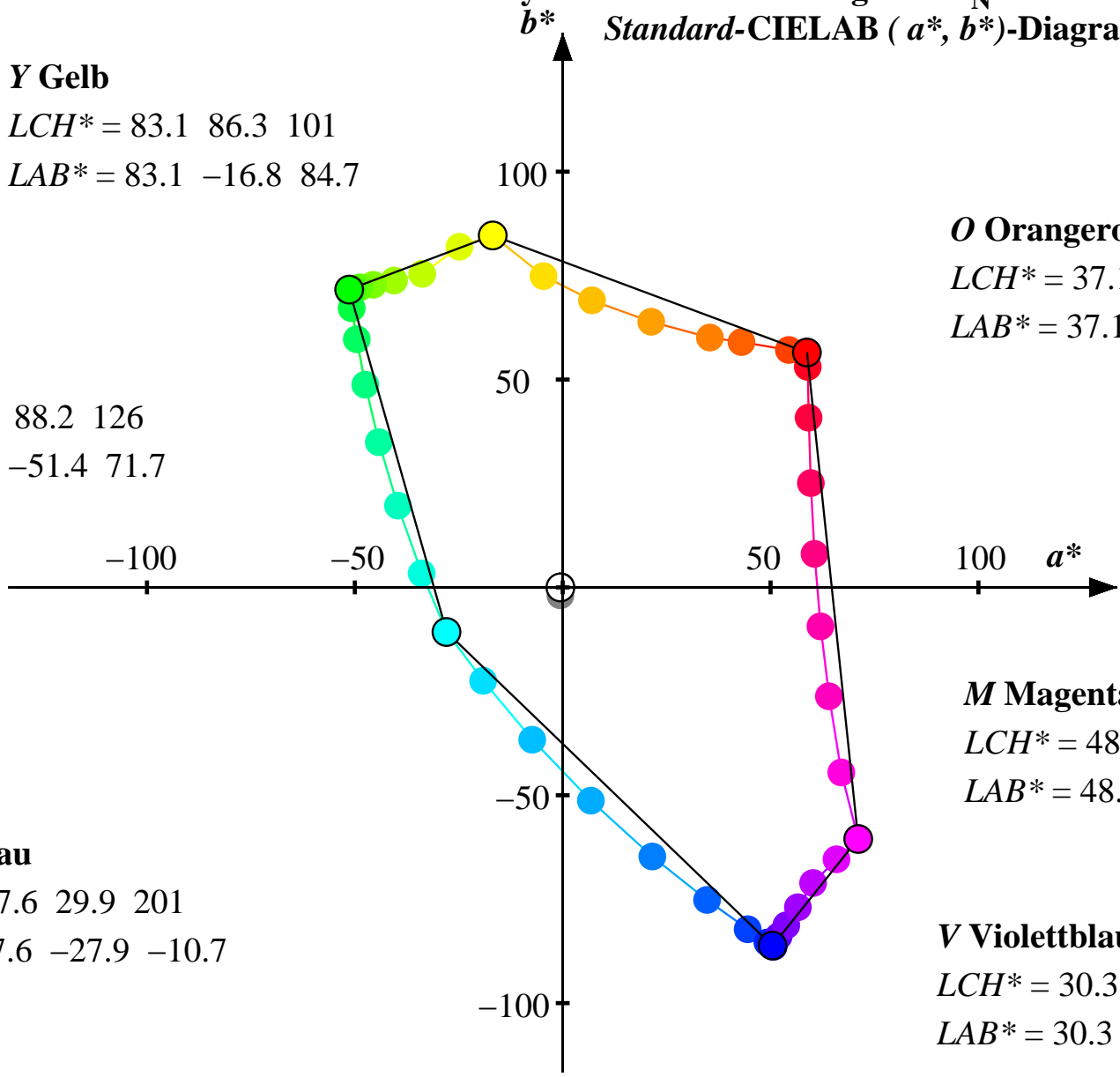
L Laubgrün
 $LCH^* = 72.8 \ 88.2 \ 126$
 $LAB^* = 72.8 \ -51.4 \ 71.7$

C Cyanblau
 $LCH^* = 77.6 \ 29.9 \ 201$
 $LAB^* = 77.6 \ -27.9 \ -10.7$

O Orangerot
 $LCH^* = 37.1 \ 81.5 \ 44$
 $LAB^* = 37.1 \ 58.8 \ 56.5$

M Magentarot
 $LCH^* = 48.4 \ 93.3 \ 320$
 $LAB^* = 48.4 \ 71.1 \ -60.5$

V Violettblau
 $LCH^* = 30.3 \ 99.9 \ 300$
 $LAB^* = 30.3 \ 50.5 \ -86.2$



Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37L0NA.TXT> /.PS
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TUB-Registrierung: 20100601-KG37/KG37L0NA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS03a für Helligkeit $L^*_N=03$ von Schwarz

System:	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	$Y_a/88.59$
TLS03a	00 o00y	1.0	0.0	0.0	37.1	59.25	56.38	81.79	44	18.19	9.59	0.53	0.6424	0.3388	0.1083
	01 o13y	1.0	0.125	0.0	37.41	58.49	56.29	81.18	44	18.3	9.76	0.57	0.639	0.3409	0.1102
	02 o25y	1.0	0.25	0.0	38.83	54.91	56.97	79.13	46	18.78	10.56	0.7	0.6253	0.3515	0.1192
	03 o38y	1.0	0.375	0.0	42.44	43.43	58.93	73.2	54	19.58	12.78	1.0	0.5869	0.3832	0.1443
Projektor:	04 o50y	1.0	0.5	0.0	47.08	35.89	59.99	69.91	59	22.17	16.08	1.58	0.5566	0.4037	0.1815
	05 o63y	1.0	0.625	0.0	54.15	21.75	63.83	67.43	71	25.88	22.11	2.54	0.5122	0.4376	0.2496
LCD	06 o75y	1.0	0.75	0.0	62.27	7.59	68.95	69.37	84	31.21	30.71	3.91	0.474	0.4666	0.3467
	07 o88y	1.0	0.875	0.0	70.64	-4.13	74.92	75.03	93	38.3	41.66	5.62	0.4475	0.4869	0.4703
	08 y00l	1.0	1.0	0.0	83.13	-16.27	84.6	86.21	101	52.78	62.4	8.73	0.426	0.5036	0.7044
	09 y13l	0.875	1.0	0.0	81.19	-24.26	82.0	85.51	106	46.74	58.82	8.53	0.4097	0.5156	0.664
	10 y25l	0.75	1.0	0.0	75.03	-33.22	75.46	82.45	114	35.22	48.33	7.36	0.3874	0.5316	0.5455
	11 y38l	0.625	1.0	0.0	73.08	-40.0	73.83	83.97	118	32.12	45.87	7.36	0.3721	0.5426	0.5286
	12 y50l	0.5	1.0	0.0	74.46	-45.07	72.77	85.6	122	30.03	46.83	7.36	0.3606	0.551	0.5178
	13 y63l	0.375	1.0	0.0	73.1	-48.26	72.13	86.79	124	28.79	45.32	7.37	0.3533	0.5563	0.5116
	14 y75l	0.25	1.0	0.0	72.92	-49.98	71.82	87.5	125	28.15	45.04	7.36	0.3494	0.5592	0.5084
	15 y88l	0.125	1.0	0.0	72.84	-50.71	71.67	87.8	125	27.88	44.92	7.37	0.3477	0.5603	0.5071
	16 l00c	0.0	1.0	0.0	72.83	-50.84	71.64	87.85	125	27.83	44.91	7.37	0.3474	0.5605	0.5069
	17 l13c	0.0	1.0	0.125	72.87	-50.69	70.78	87.07	126	27.91	44.96	7.62	0.3467	0.5586	0.5075
	18 l25c	0.0	1.0	0.25	72.97	-50.18	67.08	83.78	127	28.15	45.12	8.75	0.3432	0.5501	0.5093
	19 l38c	0.0	1.0	0.375	73.17	-49.03	59.69	77.25	129	28.66	45.42	11.32	0.3356	0.5318	0.5127
	20 l50c	0.0	1.0	0.5	73.55	-46.95	48.75	67.69	134	29.63	46.01	16.05	0.3232	0.5018	0.5193
	21 l63c	0.0	1.0	0.625	74.19	-43.69	34.91	55.93	141	31.23	47.0	23.87	0.3059	0.4603	0.5305
	22 l75c	0.0	1.0	0.75	74.8	-39.14	19.6	43.78	153	33.23	47.96	34.96	0.2861	0.4129	0.5414
	23 l88c	0.0	1.0	0.875	76.29	-33.38	3.42	33.56	174	36.79	50.36	51.36	0.2656	0.3636	0.5684
	24 c00v	0.0	1.0	1.0	77.63	-27.37	-10.73	29.41	201	40.48	52.59	69.47	0.2491	0.3235	0.5936
	25 c13v	0.0	0.875	1.0	69.94	-18.6	-22.48	29.19	230	33.11	40.66	67.65	0.2341	0.2875	0.459
	26 c25v	0.0	0.75	1.0	60.8	-6.77	-36.68	37.31	260	25.92	29.02	65.82	0.2147	0.2403	0.3276
	27 c38v	0.0	0.675	1.0	51.55	7.28	-51.4	51.92	278	20.21	19.75	64.39	0.1937	0.1892	0.2229
	28 c50v	0.0	0.5	1.0	43.25	22.07	-64.88	68.54	289	16.24	13.32	63.43	0.1746	0.1433	0.1504
	29 c63v	0.0	0.375	1.0	36.87	35.21	-75.34	83.17	295	13.85	9.47	62.84	0.1607	0.1099	0.1069
	30 c75v	0.0	0.25	1.0	32.68	44.97	-82.32	93.81	299	12.57	7.39	62.54	0.1524	0.0895	0.0834
	31 c88v	0.0	0.125	1.0	30.75	49.69	-85.56	98.95	300	12.05	6.55	62.46	0.1487	0.0808	0.0739
	32 v00m	0.0	0.0	1.0	30.28	50.92	-86.36	100.27	301	11.94	6.35	62.45	0.1479	0.0787	0.0717
	33 v13m	0.125	0.0	1.0	30.52	51.2	-86.62	100.62	301	12.13	6.45	63.2	0.1483	0.0789	0.0728
	34 v25m	0.25	0.0	1.0	30.67	51.4	-85.62	99.88	301	12.25	6.51	62.36	0.151	0.0803	0.0735
	35 v38m	0.375	0.0	1.0	31.48	52.42	-84.07	99.08	302	12.92	6.86	62.19	0.1576	0.0837	0.0774
	36 v50m	0.5	0.0	1.0	33.02	54.26	-81.43	97.86	304	14.24	7.55	62.22	0.1695	0.0898	0.0852
	37 v63m	0.625	0.0	1.0	35.31	57.08	-77.07	95.92	307	16.38	8.66	61.75	0.1887	0.0997	0.0977
	38 v75m	0.75	0.0	1.0	38.29	60.72	-71.18	93.57	310	19.46	10.25	60.91	0.2148	0.1131	0.1157
	39 v88m	0.875	0.0	1.0	43.55	66.34	-65.51	93.24	315	25.62	13.53	64.75	0.2466	0.1302	0.1527
	40 m00o	1.0	0.0	1.0	48.39	71.56	-60.56	93.75	320	32.35	17.11	68.77	0.2737	0.1447	0.1931
	41 m13o	1.0	0.0	0.875	44.49	67.52	-44.66	80.95	327	26.9	14.18	44.99	0.3125	0.1648	0.1601
	42 m25o	1.0	0.0	0.75	41.5	64.56	-26.25	69.69	338	23.18	12.18	26.84	0.3727	0.1958	0.1375
	43 m38o	1.0	0.0	0.675	39.82	62.51	-9.45	63.22	351	21.18	11.14	16.08	0.4375	0.2303	0.1258
	44 m50o	1.0	0.0	0.5	38.6	61.05	7.94	61.56	7	19.8	10.43	8.71	0.5084	0.2678	0.1177
	45 m63o	1.0	0.0	0.375	37.83	60.16	24.93	65.12	23	18.97	9.99	4.26	0.571	0.3009	0.1128
	46 m75o	1.0	0.0	0.25	37.41	59.66	40.69	72.21	34	18.52	9.76	1.85	0.6147	0.324	0.1102
	47 m88o	1.0	0.0	0.125	37.23	59.41	52.95	79.58	42	18.33	9.67	0.79	0.6368	0.3359	0.1091
	48 o00y	1.0	0.0	0.0	37.1	59.25	56.38	81.79	44	18.19	9.59	0.53	0.6424	0.3388	0.1083
	49 n00w	0.0	0.0	0.0	2.5	0.0	0.0	0.01	0	0.26	0.28	0.3	0.3127	0.329	0.0031
	50 n13w	0.125	0.125	0.125	4.56	-0.45	-0.71	0.85	238	0.47	0.5	0.6	0.2978	0.3208	0.0057
	51 n25w	0.25	0.25	0.25	12.6	-0.33	-1.81	1.85	260	1.41	1.5	1.82	0.2987	0.3168	0.0169
	52 n38w	0.375	0.375	0.375	23.36	-0.21	-1.97	1.99	264	3.7	3.91	4.64	0.3021	0.3191	0.0441
	53 n50w	0.5	0.5	0.5	34.78	-0.08	-2.06	2.07	267	7.96	8.39	9.8	0.3045	0.3208	0.0947
	54 n63w	0.625	0.625	0.625	46.81	0.02	-2.1	2.11	270	15.09	15.88	18.31	0.3062	0.3221	0.1792
	55 n75w	0.75	0.75	0.75	61.39	-0.17	-1.78	1.78	264	28.18	29.7	33.64	0.3079	0.3245	0.3352
	56 n88w	0.875	0.875	0.875	80.86	0.05	-0.03	0.07	324	55.35	58.21	63.43	0.3127	0.3289	0.6571
	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

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TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS03a für Helligkeit $L^*_N=03$ von Schwarz

System:

TLS03a

Y Gelb

Projektor:

$LCH^*_a = 83.1 \ 86.2 \ 101$

LCD

$LAB^*_a = 83.1 \ -16.3 \ 84.7$

L Laubgrün

$LCH^*_a = 72.8 \ 87.9 \ 125$

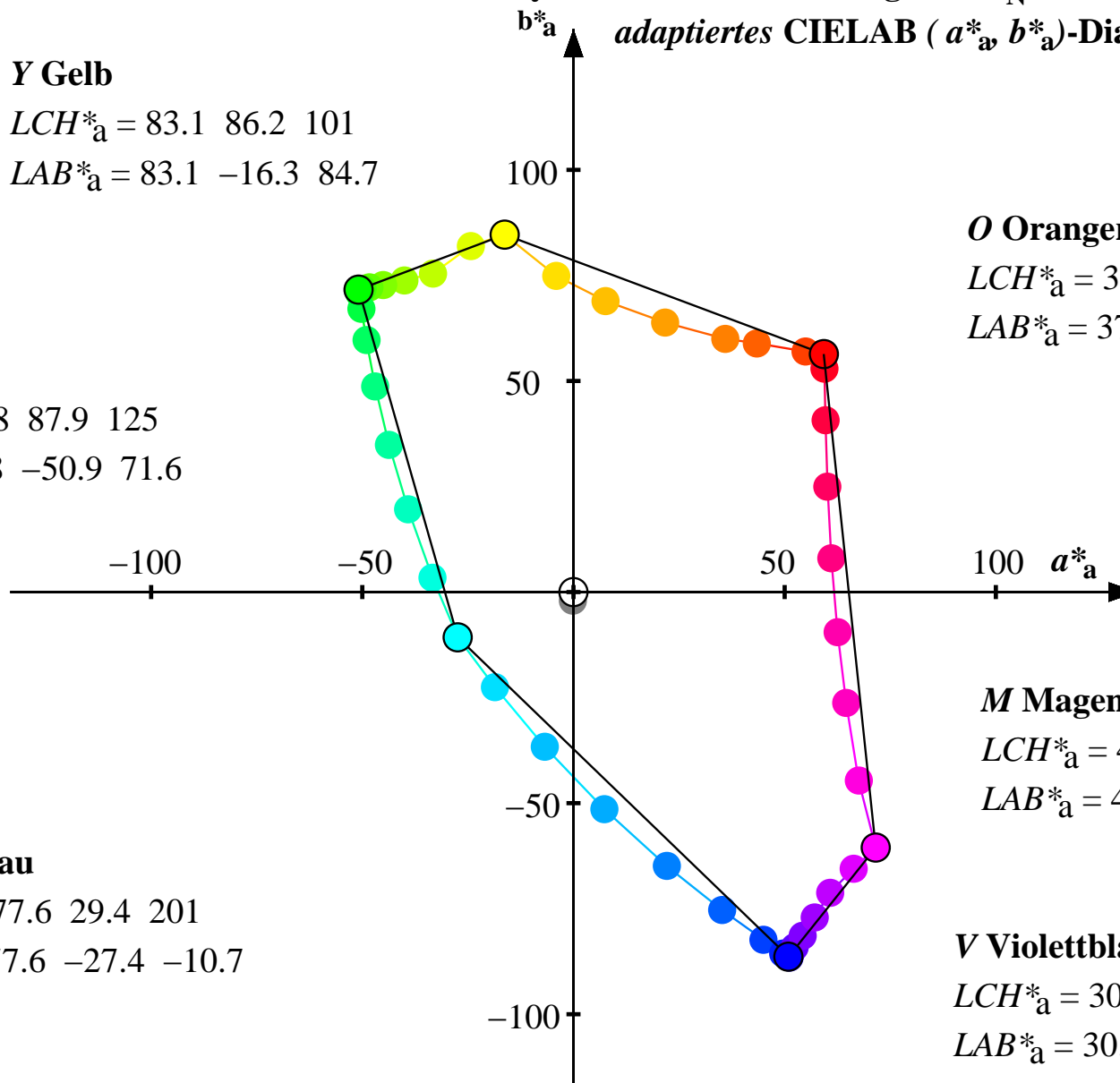
$LAB^*_a = 72.8 \ -50.9 \ 71.6$

C Cyanblau

$LCH^*_a = 77.6 \ 29.4 \ 201$

$LAB^*_a = 77.6 \ -27.4 \ -10.7$

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



O Orangerot

$LCH^*_a = 37.1 \ 81.8 \ 44$

$LAB^*_a = 37.1 \ 59.3 \ 56.4$

M Magentarot

$LCH^*_a = 48.4 \ 93.8 \ 320$

$LAB^*_a = 48.4 \ 71.6 \ -60.6$

V Violettblau

$LCH^*_a = 30.3 \ 100.3 \ 301$

$LAB^*_a = 30.3 \ 50.9 \ -86.4$

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 Anwendung für Messung von Drucker- oder Monitorsystemen

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Farbmetrische Daten von Fernseh-Lichtfarben-System TLS00a für Helligkeit $L^*_N=00$ von Schwarz

Table with columns: System (TLS00a LCD), Farbe, and various colorimetric parameters (r, g, b, L*, a*, b*, C*, Xa, Ya, Za, xa, ya, Ya/88.59) for 88 different color patches.

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TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen

TUB-Material: Code=rh4ta

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS00a für Helligkeit $L^*_N=00$ von Schwarz

System:

TLS00a

Y Gelb

Projektor:

$LCH^*_a = 83.1 \ 87.1 \ 101$

LCD

$LAB^*_a = 83.1 \ -16.3 \ 85.5$

L Laubgrün

$LCH^*_a = 72.7 \ 88.8 \ 125$

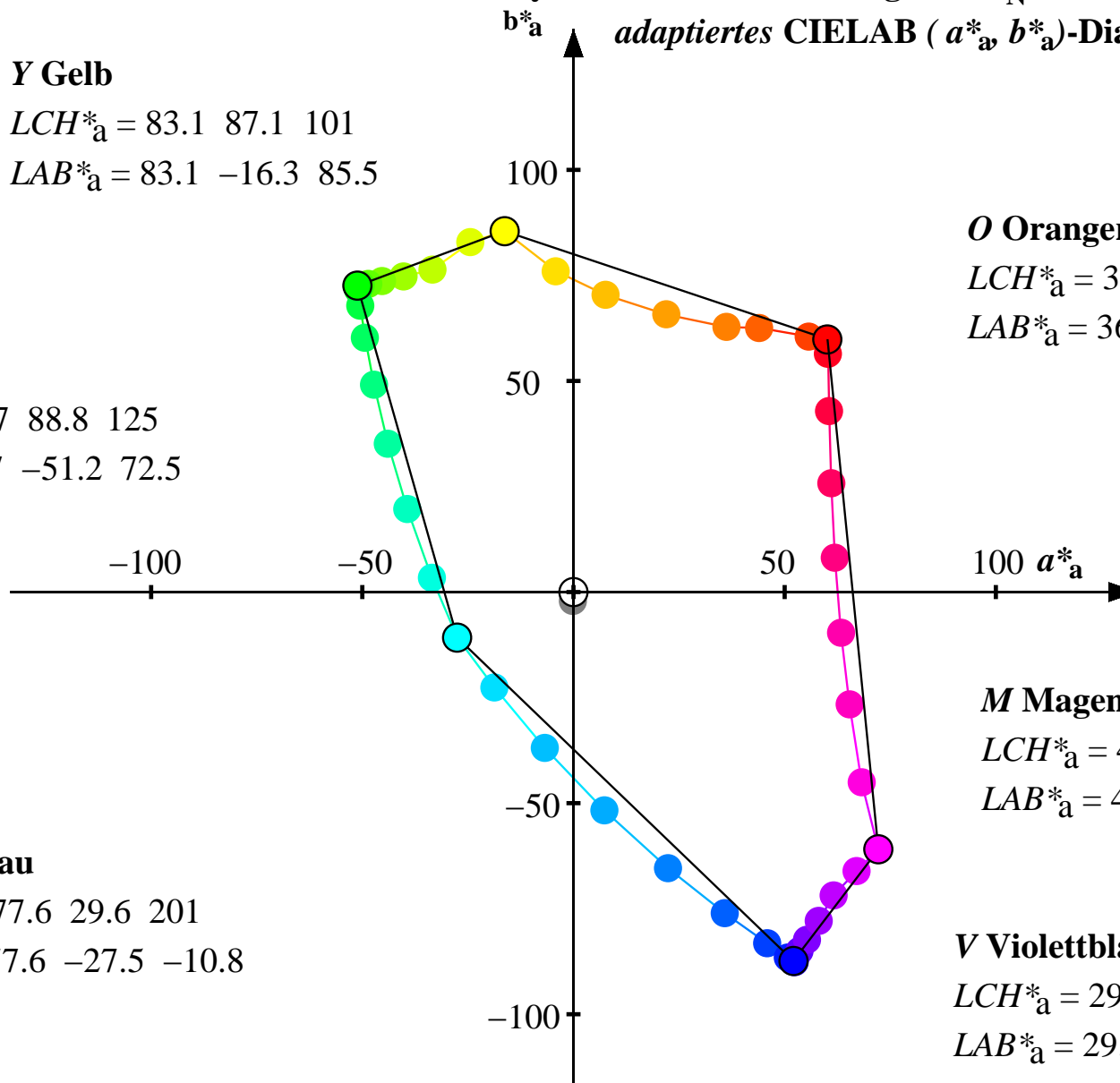
$LAB^*_a = 72.7 \ -51.2 \ 72.5$

C Cyanblau

$LCH^*_a = 77.6 \ 29.6 \ 201$

$LAB^*_a = 77.6 \ -27.5 \ -10.8$

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



O Orangerot

$LCH^*_a = 36.6 \ 84.9 \ 45$

$LAB^*_a = 36.6 \ 60.1 \ 59.9$

M Magentarot

$LCH^*_a = 48.1 \ 94.5 \ 320$

$LAB^*_a = 48.1 \ 72.2 \ -61.0$

V Violettblau

$LCH^*_a = 29.6 \ 101.7 \ 301$

$LAB^*_a = 29.6 \ 52.1 \ -87.4$

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TUB-Registrierung: 20100601-KG37/KG37L0NA.TXT /.PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

KG370-7N

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS00a für Helligkeit $L^*_N=00$ von Schwarz

System:

TLS00a **Y Gelb**

Projektor: $LCH^*_a = 83.1 \ 87.1 \ 101$

LCD: $LAB^*_a = 83.1 \ -16.3 \ 85.5$

Reflexion:

$Y_N = 0.0$

$L^*_N = 0.0$

L Laubgrün

$LCH^*_a = 72.7 \ 88.8 \ 125$

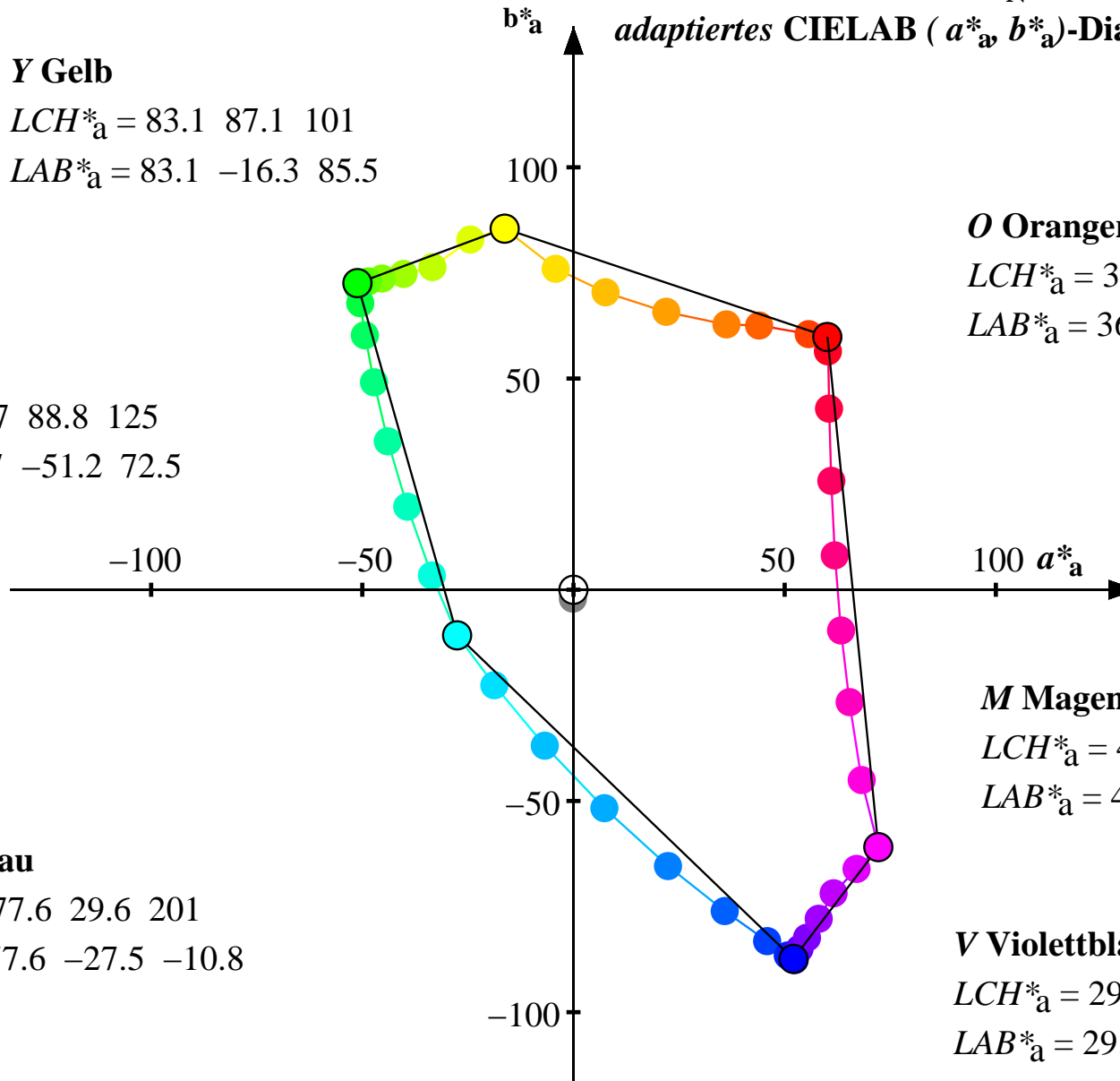
$LAB^*_a = 72.7 \ -51.2 \ 72.5$

C Cyanblau

$LCH^*_a = 77.6 \ 29.6 \ 201$

$LAB^*_a = 77.6 \ -27.5 \ -10.8$

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



O Orangerot

$LCH^*_a = 36.6 \ 84.9 \ 45$

$LAB^*_a = 36.6 \ 60.1 \ 59.9$

M Magentarot

$LCH^*_a = 48.1 \ 94.5 \ 320$

$LAB^*_a = 48.1 \ 72.2 \ -61.0$

V Violettblau

$LCH^*_a = 29.6 \ 101.7 \ 301$

$LAB^*_a = 29.6 \ 52.1 \ -87.4$

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Anwendung für Messung von Drucker- oder Monitorsystemen

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Farbmetrische Daten von Fernseh-Lichtfarben-System TLS06a für Helligkeit L*N=06 von Schwarz

Table with columns: System, 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, Xa=XYZ1a, Ya=XYZ2a, Za=XYZ3a, xa, ya, Ya/88.59. Rows include System: TLS06a, Projektor: LCD, Reflexion: YN = 0.63, L*N = 5.69, and various color patches (00-57).

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n = 88.59 / (88.59 - 0.28) = 1.003

TUB-Prüfvorlage KG37; Bunttonkreis und farbmetrische Daten input: olv* setrgbcolor
Messung: LCD- und CRT-Display und LCD-Projektor output: no change compared to input

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TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS06a für Helligkeit $L^*_N=06$ von Schwarz

System:

TLS06a **Y Gelb**

Projektor: $LCH^*_a = 83.2 \ 85.2 \ 101$

LCD $LAB^*_a = 83.2 \ -16.2 \ 83.6$

Reflexion:

$Y_N = 0.63$

$L^*_N = 5.69$

L Laubgrün

$LCH^*_a = 72.9 \ 86.7 \ 126$

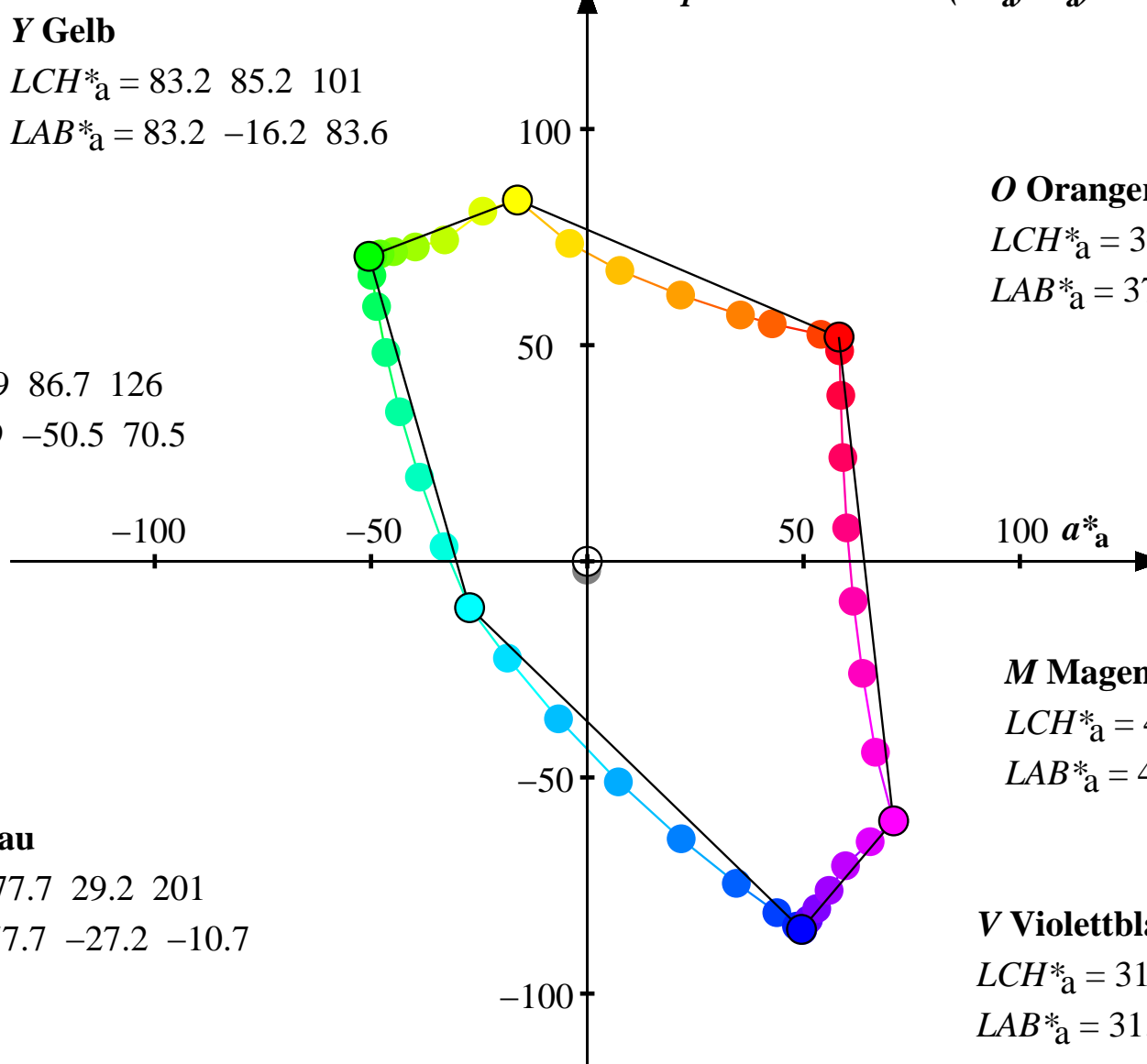
$LAB^*_a = 72.9 \ -50.5 \ 70.5$

C Cyanblau

$LCH^*_a = 77.7 \ 29.2 \ 201$

$LAB^*_a = 77.7 \ -27.2 \ -10.7$

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



O Orangerot

$LCH^*_a = 37.7 \ 77.9 \ 42$

$LAB^*_a = 37.7 \ 58.2 \ 51.9$

M Magentarot

$LCH^*_a = 48.8 \ 92.8 \ 320$

$LAB^*_a = 48.8 \ 70.8 \ -60.0$

V Violettblau

$LCH^*_a = 31.1 \ 98.5 \ 300$

$LAB^*_a = 31.1 \ 49.5 \ -85.1$

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Anwendung für Messung von Drucker- oder Monitorsystemen

TUB-Material: Code=rh4ta

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS11a für Helligkeit $L^*_N=11$ von Schwarz

System:

TLS11a **Y Gelb**

Projektor: $LCH^*_a = 83.3 \ 83.4 \ 101$

LCD $LAB^*_a = 83.3 \ -16.0 \ 81.8$

Reflexion:

$Y_N = 1.26$

$L^*_N = 11.0$

L Laubgrün

$LCH^*_a = 73.1 \ 84.8 \ 126$

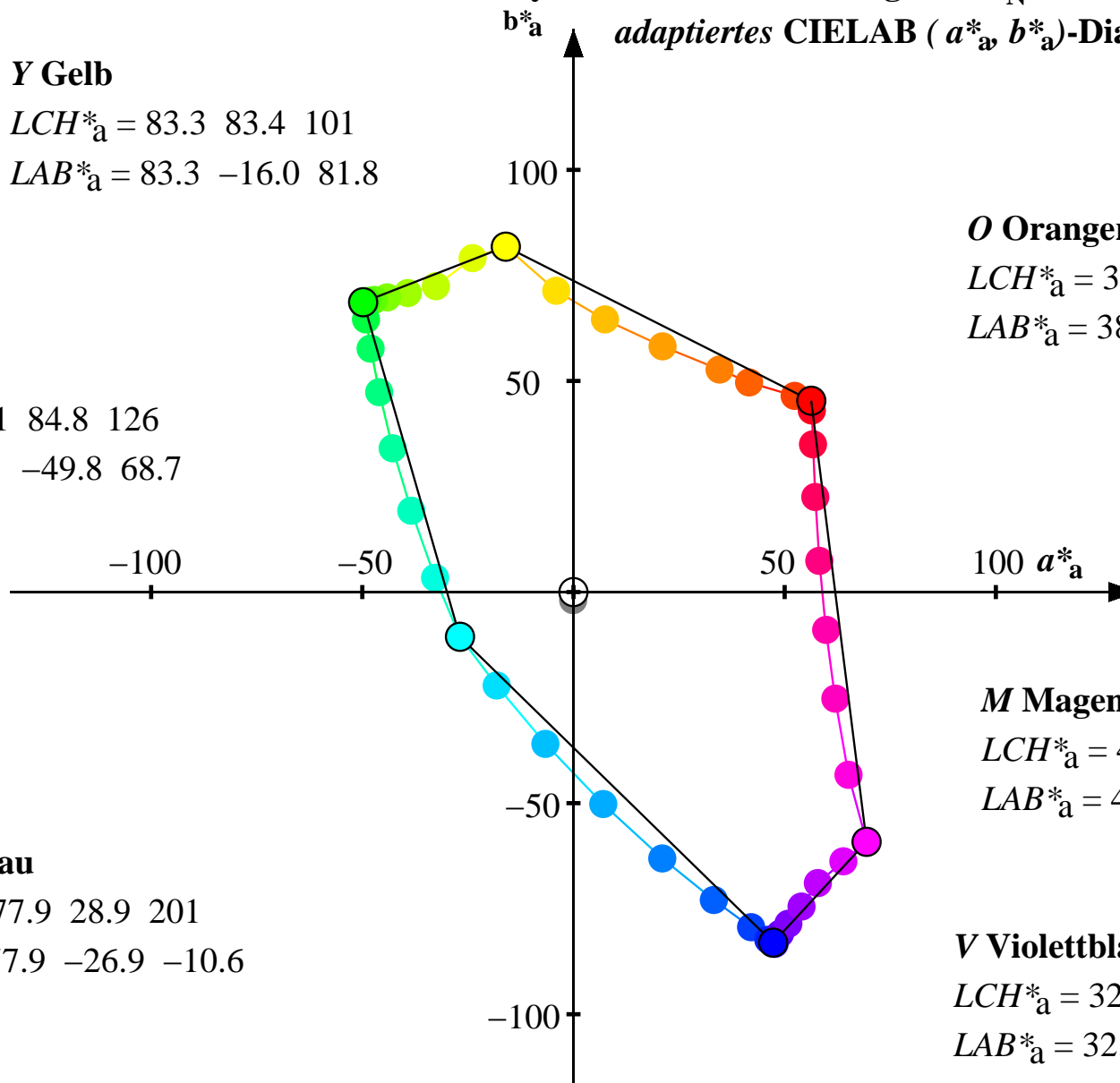
$LAB^*_a = 73.1 \ -49.8 \ 68.7$

C Cyanblau

$LCH^*_a = 77.9 \ 28.9 \ 201$

$LAB^*_a = 77.9 \ -26.9 \ -10.6$

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



O Orangerot

$LCH^*_a = 38.7 \ 72.3 \ 39$

$LAB^*_a = 38.7 \ 56.3 \ 45.3$

M Magentarot

$LCH^*_a = 49.4 \ 91.2 \ 320$

$LAB^*_a = 49.4 \ 69.4 \ -59.1$

V Violettblau

$LCH^*_a = 32.4 \ 95.6 \ 300$

$LAB^*_a = 32.4 \ 47.3 \ -83.0$

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TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS18a für Helligkeit $L^*_N=18$ von Schwarz

System:

TLS18a **Y Gelb**

Projektor: $LCH^*_a = 83.5 \ 80.0 \ 101$

LCD $LAB^*_a = 83.5 \ -15.7 \ 78.5$

Reflexion:

$Y_N = 2.52$

$L^*_N = 18.01$

L Laubgrün

$LCH^*_a = 73.6 \ 81.3 \ 127$

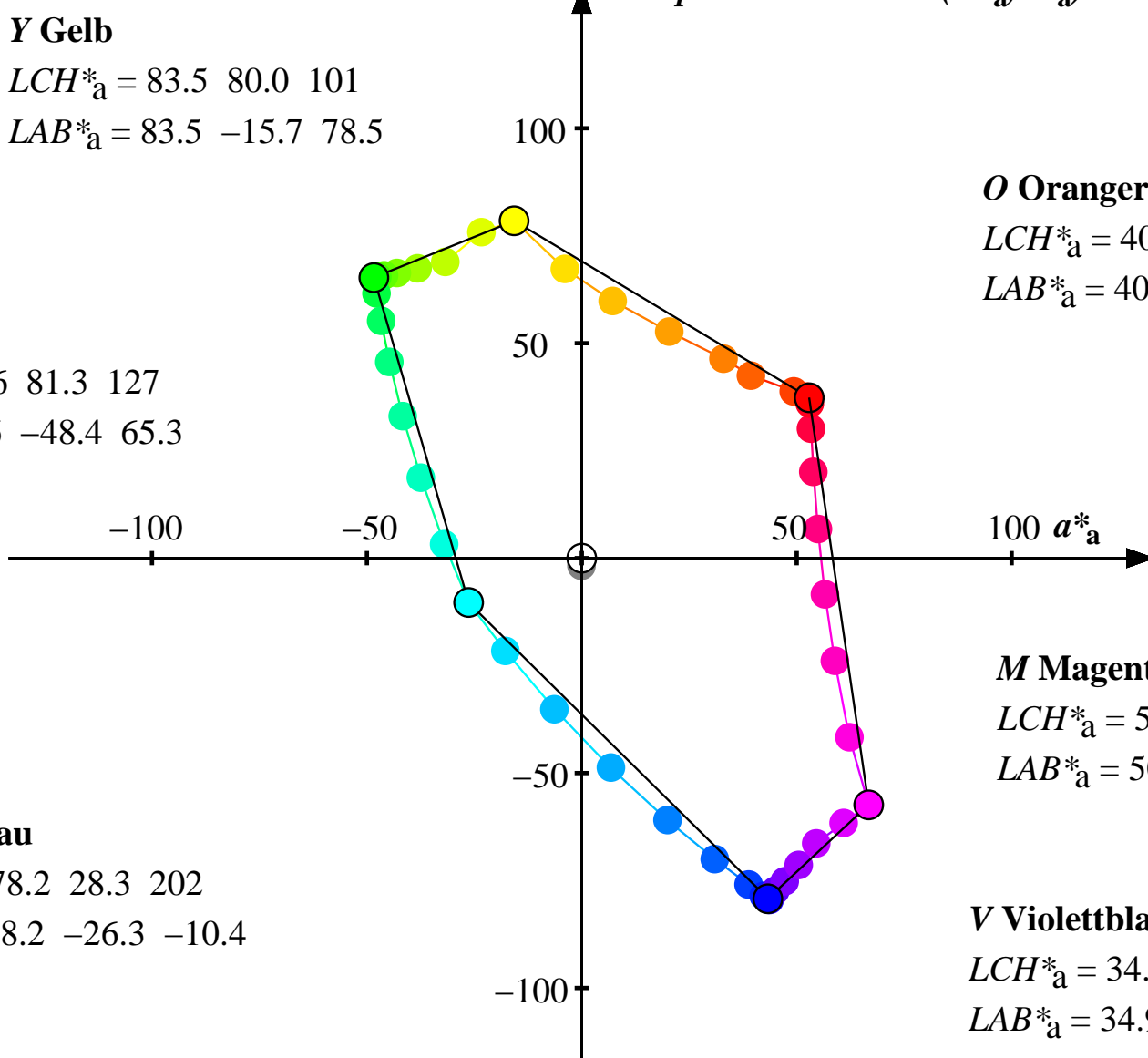
$LAB^*_a = 73.6 \ -48.4 \ 65.3$

C Cyanblau

$LCH^*_a = 78.2 \ 28.3 \ 202$

$LAB^*_a = 78.2 \ -26.3 \ -10.4$

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



O Orangerot

$LCH^*_a = 40.6 \ 64.8 \ 35$

$LAB^*_a = 40.6 \ 52.9 \ 37.4$

M Magentarot

$LCH^*_a = 50.6 \ 88.0 \ 319$

$LAB^*_a = 50.6 \ 66.7 \ -57.4$

V Violettblau

$LCH^*_a = 34.9 \ 90.3 \ 299$

$LAB^*_a = 34.9 \ 43.3 \ -79.2$

Siehe Original/Kopie: <http://web.me.com/Klaus.richter/KG37/KG37L0NA.TXT> /.PS
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TUB-Registrierung: 20100601-KG37/KG37L0NA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS27a für Helligkeit $L^*_N=27$ von Schwarz

System:

TLS27a **Y Gelb**

Projektor: $LCH^*_a = 83.9 \ 74.1 \ 102$

LCD $LAB^*_a = 83.9 \ -15.1 \ 72.6$

Reflexion:

$Y_N = 5.04$

$L^*_N = 26.85$

L Laubgrün

$LCH^*_a = 74.4 \ 75.0 \ 128$

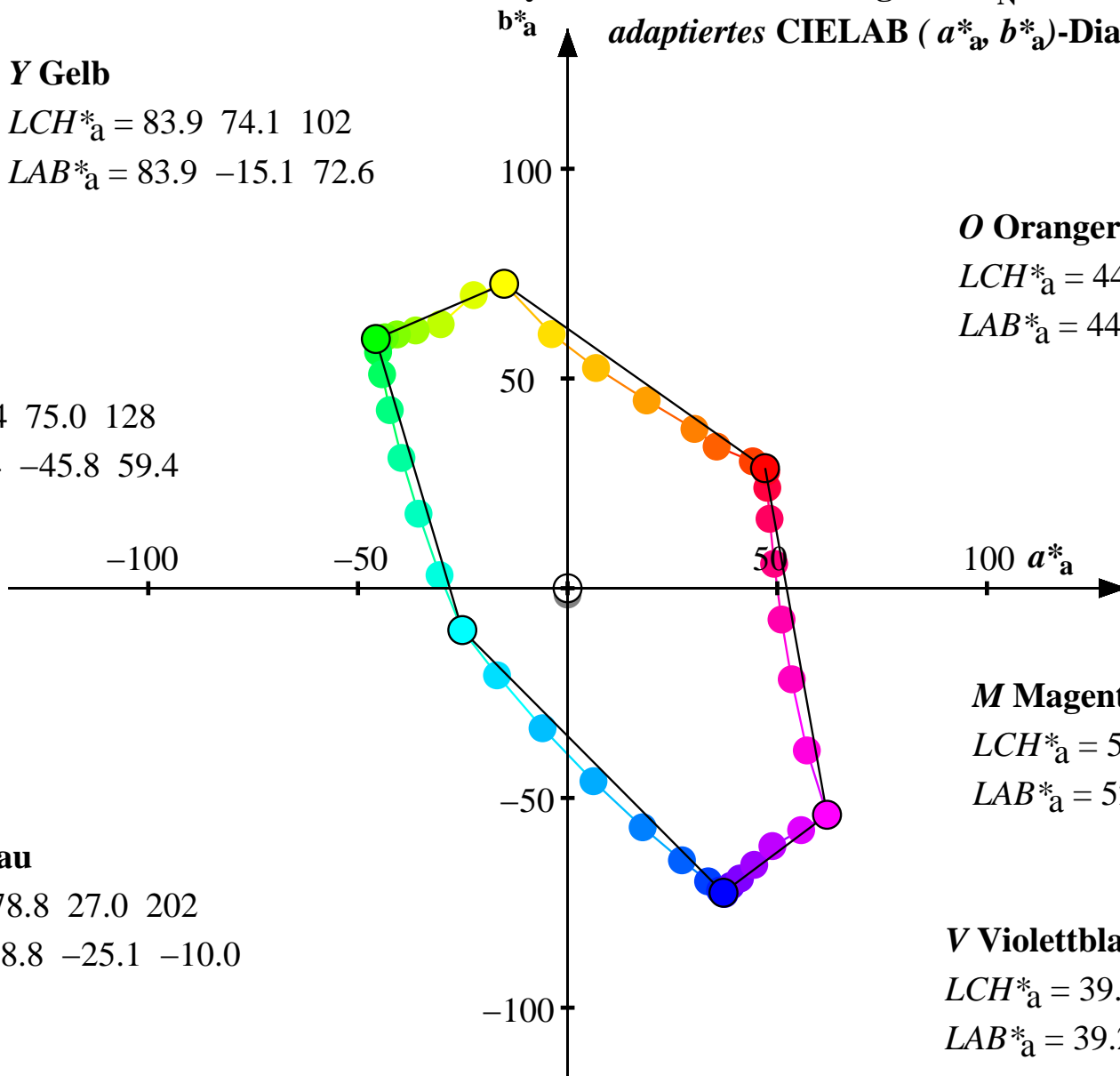
$LAB^*_a = 74.4 \ -45.8 \ 59.4$

C Cyanblau

$LCH^*_a = 78.8 \ 27.0 \ 202$

$LAB^*_a = 78.8 \ -25.1 \ -10.0$

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



O Orangerot

$LCH^*_a = 44.0 \ 55.1 \ 31$

$LAB^*_a = 44.0 \ 47.1 \ 28.7$

M Magentarot

$LCH^*_a = 52.9 \ 82.1 \ 319$

$LAB^*_a = 52.9 \ 61.9 \ -54.0$

V Violettblau

$LCH^*_a = 39.2 \ 81.5 \ 297$

$LAB^*_a = 39.2 \ 37.1 \ -72.6$

Siehe Original/Kopie: http://web.me.com/Klaus.richter/KG37/KG37LONA.TXT /.PS
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TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Drucker- oder Monitorsystemen

KG370-7N

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS38a für Helligkeit $L^*_N=38$ von Schwarz

System:

TLS38a Y Gelb

Projektor: $LCH^*_a = 84.6 \ 64.3 \ 103$

LCD $LAB^*_a = 84.6 \ -14.0 \ 62.8$

Reflexion:

$Y_N = 10.08$

$L^*_N = 37.99$

L Laubgrün

$LCH^*_a = 75.9 \ 64.8 \ 129$

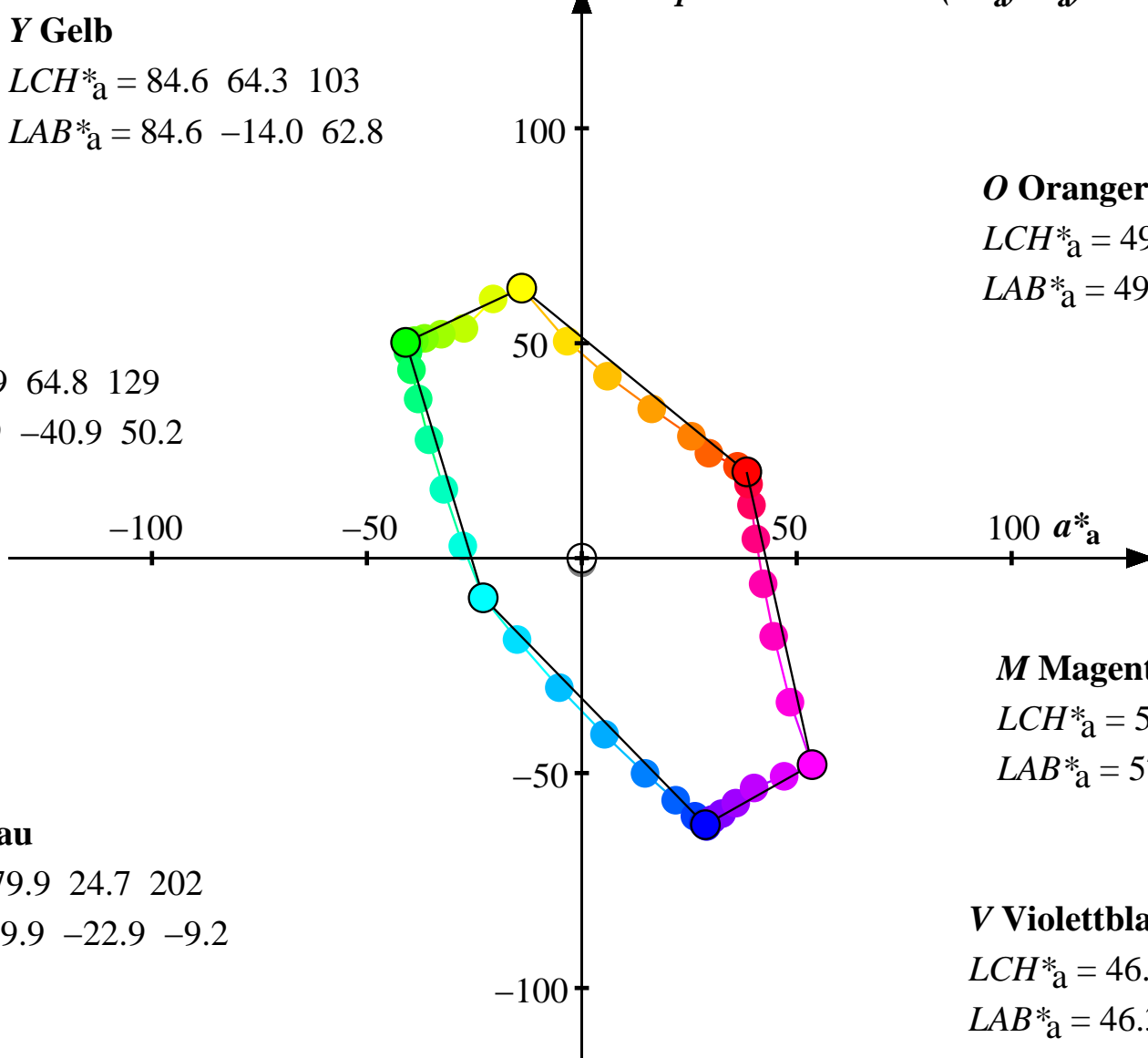
$LAB^*_a = 75.9 \ -40.9 \ 50.2$

C Cyanblau

$LCH^*_a = 79.9 \ 24.7 \ 202$

$LAB^*_a = 79.9 \ -22.9 \ -9.2$

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



O Orangerot

$LCH^*_a = 49.9 \ 43.3 \ 28$

$LAB^*_a = 49.9 \ 38.4 \ 20.0$

M Magentarot

$LCH^*_a = 57.1 \ 71.9 \ 318$

$LAB^*_a = 57.1 \ 53.5 \ -48.1$

V Violettblau

$LCH^*_a = 46.3 \ 68.4 \ 295$

$LAB^*_a = 46.3 \ 28.7 \ -62.1$

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Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS52a für Helligkeit $L^*_N=52$ von Schwarz

System:	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	$Y_a/88.59$
TLS52a	00 o00y	1.0	0.0	0.0	59.32	26.94	12.28	29.61	25	33.05	27.38	0.4003	0.3316	0.4009
	01 o13y	1.0	0.125	0.0	59.44	26.72	12.43	29.47	25	33.13	27.51	0.4002	0.3322	0.4028
	02 o25y	1.0	0.25	0.0	60.0	25.63	13.23	28.84	27	33.51	28.13	0.3994	0.3353	0.4118
	03 o38y	1.0	0.375	0.0	61.53	21.23	15.44	26.25	36	34.13	29.85	0.3947	0.3452	0.4371
Projektor:	04 o50y	1.0	0.5	0.0	63.68	18.79	18.36	26.27	44	36.13	32.4	0.395	0.3542	0.4744
	05 o63y	1.0	0.625	0.0	67.34	12.39	23.41	26.48	62	39.01	37.08	0.391	0.3716	0.5429
LCD	06 o75y	1.0	0.75	0.0	72.06	4.69	29.77	30.14	81	43.14	43.74	0.3864	0.3919	0.6405
	07 o88y	1.0	0.875	0.0	77.42	-2.74	36.87	36.98	94	48.63	52.23	0.3831	0.4115	0.7647
Reflexion:	08 y00l	1.0	1.0	0.0	86.16	-11.73	48.22	49.63	104	59.86	68.3	0.3821	0.436	1.0
	09 y13l	0.875	1.0	0.0	84.75	-17.17	46.04	49.14	110	55.18	65.53	0.3702	0.4397	0.9594
	10 y25l	0.75	1.0	0.0	80.4	-22.23	39.9	45.68	119	46.25	57.39	0.3529	0.4379	0.8403
	11 y38l	0.625	1.0	0.0	79.75	-26.35	38.78	46.86	124	43.84	56.29	0.3474	0.443	0.8233
	12 y50l	0.5	1.0	0.0	79.32	-29.35	38.05	48.09	128	42.22	55.49	0.3379	0.4435	0.8125
	13 y63l	0.375	1.0	0.0	79.08	-31.2	37.62	48.88	130	41.26	55.06	0.3334	0.445	0.8062
	14 y75l	0.25	1.0	0.0	78.95	-32.19	37.41	49.35	131	40.77	54.84	0.3313	0.4458	0.803
	15 y88l	0.125	1.0	0.0	78.9	-32.61	37.31	49.56	131	40.56	54.76	0.3304	0.4461	0.8017
	16 l00c	0.0	1.0	0.0	78.89	-32.68	37.29	49.59	131	40.52	54.74	0.3303	0.4462	0.8015
	17 l13c	0.0	1.0	0.125	78.92	-32.6	37.04	49.35	131	40.58	54.78	0.33	0.4454	0.8021
	18 l25c	0.0	1.0	0.25	78.99	-32.33	35.84	48.27	132	40.77	54.91	0.3283	0.4422	0.8039
	19 l38c	0.0	1.0	0.375	79.12	-31.69	33.16	45.87	134	41.16	55.14	0.3247	0.4349	0.8073
	20 l50c	0.0	1.0	0.5	79.38	-30.53	28.56	41.82	137	41.91	55.59	0.3184	0.4223	0.814
	21 l63c	0.0	1.0	0.625	79.82	-28.69	21.72	35.99	143	43.16	56.36	0.3089	0.4034	0.8252
	22 l75c	0.0	1.0	0.75	80.24	-25.98	12.87	29.0	154	44.7	57.11	0.2968	0.3792	0.8362
	23 l88c	0.0	1.0	0.875	81.27	-22.57	2.37	22.71	174	47.46	58.96	0.2826	0.3511	0.8633
	24 c00v	0.0	1.0	1.0	82.21	-18.82	-7.71	20.35	202	50.32	60.69	0.2697	0.3253	0.8886
	25 c13v	0.0	0.875	1.0	76.95	-12.07	-15.68	19.8	232	44.61	51.45	0.2621	0.3023	0.7534
	26 c25v	0.0	0.75	1.0	71.17	-4.03	-24.52	24.86	261	39.04	42.43	0.2532	0.2752	0.6213
	27 c38v	0.0	0.675	1.0	65.94	3.89	-32.64	32.88	277	34.62	35.25	0.2447	0.2491	0.5161
	28 c50v	0.0	0.5	1.0	61.89	10.45	-39.03	40.41	285	31.54	30.27	0.2377	0.2281	0.4432
	29 c63v	0.0	0.375	1.0	59.24	14.96	-43.22	45.75	289	29.69	27.28	0.2331	0.2142	0.3995
	30 c75v	0.0	0.25	1.0	57.72	17.68	-45.64	48.96	291	28.7	25.67	0.2304	0.2061	0.3758
	31 c88v	0.0	0.125	1.0	57.09	18.81	-46.68	50.33	292	28.29	25.02	0.2292	0.2027	0.3663
	32 v00m	0.0	0.0	1.0	56.95	19.1	-46.92	50.67	292	28.21	24.87	0.229	0.2019	0.3641
	33 v13m	0.125	0.0	1.0	57.02	19.35	-47.27	51.09	292	28.35	24.94	0.2287	0.2012	0.3652
	34 v25m	0.25	0.0	1.0	57.07	19.52	-46.66	50.59	293	28.45	24.99	0.2304	0.2024	0.3659
	35 v38m	0.375	0.0	1.0	57.33	20.42	-46.1	50.43	294	28.96	25.26	0.2333	0.2035	0.3698
	36 v50m	0.5	0.0	1.0	57.84	22.12	-45.23	50.36	296	29.99	25.79	0.2386	0.2052	0.3777
	37 v63m	0.625	0.0	1.0	58.65	24.79	-43.54	50.11	300	31.65	26.65	0.2475	0.2084	0.3902
	38 v75m	0.75	0.0	1.0	59.79	28.41	-41.04	49.92	305	34.04	27.89	0.2602	0.2131	0.4083
	39 v88m	0.875	0.0	1.0	62.02	34.66	-39.62	52.65	311	38.81	30.43	0.275	0.2156	0.4455
	40 m00o	1.0	0.0	1.0	64.32	40.66	-38.13	55.75	317	44.03	33.2	0.2892	0.2181	0.4861
	41 m13o	1.0	0.0	0.875	62.45	35.91	-25.52	44.06	325	39.8	30.94	0.3126	0.243	0.4529
	42 m25o	1.0	0.0	0.75	61.12	32.42	-13.2	35.01	338	36.92	29.38	0.3393	0.27	0.4302
	43 m38o	1.0	0.0	0.675	60.41	30.28	-4.17	30.57	352	35.37	28.58	0.3604	0.2913	0.4185
	44 m50o	1.0	0.0	0.5	59.91	28.77	2.99	28.92	6	34.29	28.02	0.3777	0.3087	0.4103
	45 m63o	1.0	0.0	0.375	59.61	27.84	7.86	28.93	16	33.65	27.69	0.3897	0.3206	0.4054
	46 m75o	1.0	0.0	0.25	59.44	27.33	10.71	29.36	21	33.31	27.51	0.3967	0.3276	0.4028
	47 m88o	1.0	0.0	0.125	59.37	27.1	12.02	29.64	24	33.16	27.43	0.3999	0.3309	0.4017
	48 o00y	1.0	0.0	0.0	59.32	26.94	12.28	29.61	25	33.05	27.38	0.4003	0.3316	0.4009
	49 n00w	0.0	0.0	0.0	52.02	0.0	0.0	0.01	0	19.16	20.16	0.3127	0.329	0.2952
	50 n13w	0.125	0.125	0.125	52.22	-0.03	-0.06	0.08	238	19.32	20.34	0.3124	0.3289	0.2978
	51 n25w	0.25	0.25	0.25	53.07	-0.03	-0.24	0.25	260	20.05	21.11	0.3119	0.3283	0.309
	52 n38w	0.375	0.375	0.375	55.04	-0.04	-0.47	0.48	264	21.82	22.97	0.3113	0.3277	0.3364
	53 n50w	0.5	0.5	0.5	58.46	-0.02	-0.75	0.76	268	25.13	26.45	0.3107	0.327	0.3872
	54 n63w	0.625	0.625	0.625	63.55	0.01	-1.02	1.03	270	30.65	32.25	0.3102	0.3264	0.4721
	55 n75w	0.75	0.75	0.75	71.52	-0.1	-1.07	1.09	264	40.79	42.96	0.3101	0.3266	0.6289
	56 n88w	0.875	0.875	0.875	84.51	0.04	-0.02	0.05	324	61.84	65.05	0.3127	0.329	0.9525
	57 n99w	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	0.3127	0.329	1.2971

KG370-7N

$n = 88.59 / (88.59 - 0.28) = 1.003$

TUB-Prüfvorlage KG37; Bunttonkreis und farbmetrische Daten input: *olv* setrgbcolor*
 Messung: LCD- und CRT-Display und LCD-Projektor output: *no change compared to input*

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /.PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS
 Anwendung für Messung von Drucker- oder Monitorsystemen
 TUB-Material: Code=rh4ta

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS52a für Helligkeit $L^*_N=52$ von Schwarz

System:

TLS52a **Y Gelb**

Projektor: $LCH^*_a = 86.2 \ 49.6 \ 104$

LCD $LAB^*_a = 86.2 \ -11.7 \ 48.2$

Reflexion:

$Y_N = 20.16$

$L^*_N = 52.02$

L Laubgrün

$LCH^*_a = 78.9 \ 49.6 \ 131$

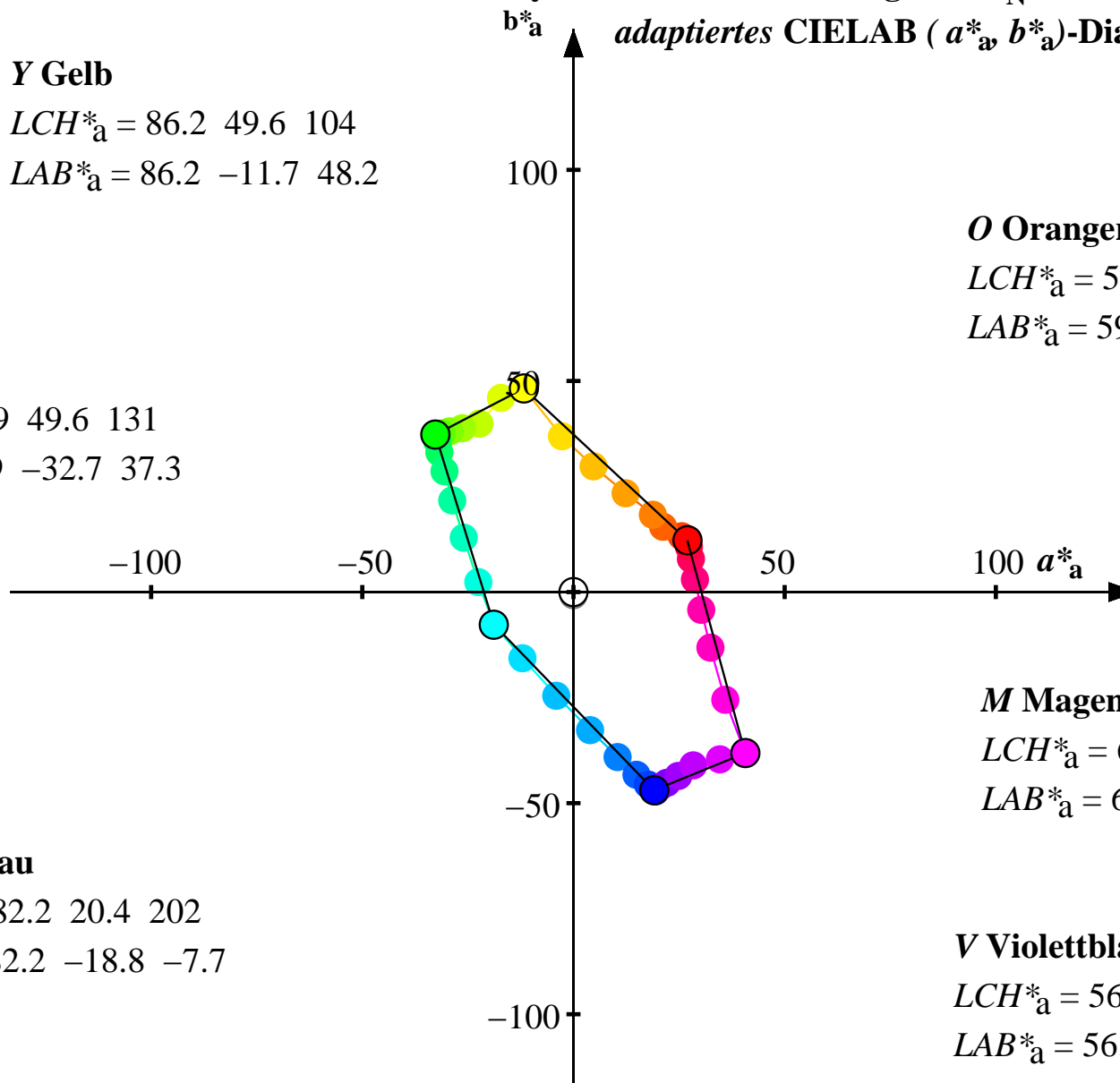
$LAB^*_a = 78.9 \ -32.7 \ 37.3$

C Cyanblau

$LCH^*_a = 82.2 \ 20.4 \ 202$

$LAB^*_a = 82.2 \ -18.8 \ -7.7$

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



O Orangerot

$LCH^*_a = 59.3 \ 29.6 \ 25$

$LAB^*_a = 59.3 \ 26.9 \ 12.3$

M Magentarot

$LCH^*_a = 64.3 \ 55.7 \ 317$

$LAB^*_a = 64.3 \ 40.7 \ -38.1$

V Violettblau

$LCH^*_a = 56.9 \ 50.7 \ 292$

$LAB^*_a = 56.9 \ 19.1 \ -46.9$

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS TUB-Material: Code=rh4ta
Anwendung für Messung von Drucker- oder Monitorsystemen

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS70a für Helligkeit $L^*_N=70$ von Schwarz

System:	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	$Y_a/88.59$
TLS70a	00 o00y	1.0	0.0	0.0	73.16	14.19	5.84	15.34	22	48.12	45.41	44.03	0.3498	0.3301	0.6114
	01 o13y	1.0	0.125	0.0	73.22	14.09	5.91	15.28	23	48.18	45.5	44.05	0.3498	0.3304	0.6126
	02 o25y	1.0	0.25	0.0	73.51	13.6	6.33	15.0	25	48.44	45.94	44.12	0.3498	0.3317	0.6185
	03 o38y	1.0	0.375	0.0	74.29	11.42	7.49	13.66	33	48.88	47.16	44.28	0.3483	0.3361	0.6349
	04 o50y	1.0	0.5	0.0	75.42	10.35	9.1	13.78	41	50.29	48.96	44.6	0.3496	0.3403	0.6591
	05 o63y	1.0	0.625	0.0	77.43	7.07	11.98	13.91	59	52.32	52.25	45.12	0.3495	0.3491	0.7035
	06 o75y	1.0	0.75	0.0	80.16	2.79	15.85	16.09	80	55.23	56.96	45.87	0.3494	0.3603	0.7668
	07 o88y	1.0	0.875	0.0	83.41	-1.7	20.46	20.53	95	59.11	62.94	46.81	0.3501	0.3728	0.8474
	08 y00l	1.0	1.0	0.0	89.05	-7.75	28.37	29.42	105	67.03	74.28	48.51	0.3531	0.3913	1.0
	09 y13l	0.875	1.0	0.0	88.12	-11.17	26.89	29.12	113	63.72	72.32	48.4	0.3455	0.3921	0.9737
	10 y25l	0.75	1.0	0.0	85.29	-13.89	22.68	26.6	122	57.43	66.58	47.76	0.3343	0.3876	0.8964
	11 y38l	0.625	1.0	0.0	84.88	-16.3	21.96	27.35	127	55.73	65.76	47.76	0.3293	0.3886	0.8854
	12 y50l	0.5	1.0	0.0	84.61	-18.02	21.5	28.06	130	54.59	65.24	47.76	0.3257	0.3893	0.8784
	13 y63l	0.375	1.0	0.0	84.45	-19.08	21.23	28.55	132	53.91	64.94	47.76	0.3236	0.3898	0.8743
	14 y75l	0.25	1.0	0.0	84.37	-19.63	21.1	28.83	133	53.56	64.79	47.76	0.3224	0.39	0.8722
	15 y88l	0.125	1.0	0.0	84.34	-19.87	21.04	28.94	133	53.41	64.72	47.76	0.322	0.3901	0.8714
	16 l00c	0.0	1.0	0.0	84.34	-19.91	21.03	28.97	133	53.39	64.71	47.76	0.3219	0.3902	0.8712
	17 l13c	0.0	1.0	0.125	84.35	-19.87	20.91	28.85	134	53.43	64.74	47.9	0.3217	0.3898	0.8716
	18 l25c	0.0	1.0	0.25	84.4	-19.72	20.33	28.34	134	53.56	64.83	48.52	0.3209	0.3884	0.8728
	19 l38c	0.0	1.0	0.375	84.48	-19.38	19.02	27.16	136	53.84	64.99	49.92	0.319	0.3851	0.875
	20 l50c	0.0	1.0	0.5	84.65	-18.74	16.69	25.1	138	54.37	65.31	52.51	0.3158	0.3793	0.8793
	21 l63c	0.0	1.0	0.625	84.92	-17.71	13.02	21.99	144	55.25	65.86	56.78	0.3106	0.3702	0.8866
	22 l75c	0.0	1.0	0.75	85.19	-16.14	7.95	18.0	154	56.34	66.38	62.84	0.3036	0.3577	0.8937
	23 l88c	0.0	1.0	0.875	85.85	-14.21	1.52	14.3	174	58.28	67.69	71.81	0.2947	0.3422	0.9113
	24 c00v	0.0	1.0	1.0	86.46	-11.98	-5.08	13.03	203	60.3	68.91	81.7	0.2859	0.3267	0.9278
	25 c13v	0.0	0.875	1.0	83.12	-7.38	-10.09	12.52	234	56.27	62.39	80.71	0.2822	0.3129	0.84
	26 c25v	0.0	0.75	1.0	79.63	-2.34	-15.36	15.55	261	52.34	56.03	79.71	0.2783	0.2979	0.7544
	27 c38v	0.0	0.675	1.0	76.66	2.16	-19.9	20.03	276	49.22	50.96	78.93	0.2748	0.2845	0.6861
	28 c50v	0.0	0.5	1.0	74.48	5.55	-23.26	23.92	283	47.05	47.45	78.41	0.2721	0.2744	0.6388
	29 c63v	0.0	0.375	1.0	73.12	7.72	-25.36	26.51	287	45.75	45.34	78.08	0.2704	0.268	0.6105
	30 c75v	0.0	0.25	1.0	72.37	8.96	-26.53	28.01	289	45.05	44.21	77.92	0.2695	0.2644	0.5952
	31 c88v	0.0	0.125	1.0	72.06	9.46	-27.02	28.64	289	44.76	43.75	77.87	0.269	0.2629	0.589
	32 v00m	0.0	0.0	1.0	71.99	9.59	-27.14	28.8	289	44.7	43.64	77.87	0.2689	0.2626	0.5875
	33 v13m	0.125	0.0	1.0	72.02	9.73	-27.39	29.08	290	44.8	43.69	78.28	0.2686	0.262	0.5883
	34 v25m	0.25	0.0	1.0	72.05	9.83	-27.01	28.75	290	44.87	43.73	77.82	0.2696	0.2628	0.5887
	35 v38m	0.375	0.0	1.0	72.17	10.33	-26.71	28.65	291	45.24	43.92	77.73	0.2711	0.2632	0.5913
	36 v50m	0.5	0.0	1.0	72.42	11.32	-26.29	28.63	293	45.96	44.29	77.74	0.2736	0.2637	0.5963
	37 v63m	0.625	0.0	1.0	72.83	12.89	-25.41	28.5	297	47.13	44.9	77.49	0.278	0.2649	0.6045
	38 v75m	0.75	0.0	1.0	73.4	15.09	-24.07	28.41	302	48.81	45.77	77.03	0.2844	0.2667	0.6162
	39 v88m	0.875	0.0	1.0	74.55	19.13	-23.69	30.45	309	52.18	47.56	79.13	0.2917	0.2659	0.6403
	40 m00o	1.0	0.0	1.0	75.77	23.26	-23.22	32.87	315	55.86	49.52	81.32	0.2992	0.2652	0.6667
	41 m13o	1.0	0.0	0.875	74.77	19.96	-14.71	24.8	324	52.88	47.92	68.33	0.3127	0.2833	0.6452
	42 m25o	1.0	0.0	0.75	74.08	17.64	-7.19	19.05	338	50.85	46.83	58.4	0.3258	0.3	0.6304
	43 m38o	1.0	0.0	0.675	73.71	16.27	-2.17	16.41	352	49.75	46.26	52.52	0.3349	0.3114	0.6228
	44 m50o	1.0	0.0	0.5	73.46	15.39	1.5	15.29	6	49.0	45.87	48.5	0.3418	0.3199	0.6175
	45 m63o	1.0	0.0	0.375	73.31	14.74	3.83	15.23	15	48.54	45.63	46.06	0.3461	0.3254	0.6143
	46 m75o	1.0	0.0	0.25	73.22	14.43	5.14	15.32	20	48.3	45.5	44.75	0.3486	0.3284	0.6126
	47 m88o	1.0	0.0	0.125	73.19	14.28	5.72	15.39	22	48.19	45.45	44.17	0.3497	0.3298	0.6119
	48 o00y	1.0	0.0	0.0	73.16	14.19	5.84	15.34	22	48.12	45.41	44.03	0.3498	0.3301	0.6114
	49 n00w	0.0	0.0	0.0	69.7	0.0	0.0	0.01	0	38.32	40.32	43.9	0.3127	0.329	0.5428
	50 n13w	0.125	0.125	0.125	69.78	-0.01	-0.02	0.04	238	38.43	40.44	44.06	0.3126	0.329	0.5445
	51 n25w	0.25	0.25	0.25	70.17	-0.01	-0.1	0.12	260	38.95	40.99	44.73	0.3124	0.3288	0.5518
	52 n38w	0.375	0.375	0.375	71.08	-0.01	-0.22	0.23	264	40.2	42.3	46.27	0.3122	0.3285	0.5695
	53 n50w	0.5	0.5	0.5	72.73	-0.01	-0.37	0.38	268	42.53	44.75	49.09	0.3119	0.3282	0.6025
	54 n63w	0.625	0.625	0.625	75.36	0.0	-0.54	0.55	270	46.42	48.85	53.75	0.3115	0.3278	0.6576
	55 n75w	0.75	0.75	0.75	79.84	-0.05	-0.63	0.64	264	53.58	56.4	62.4	0.3113	0.3277	0.7593
	56 n88w	0.875	0.875	0.875	87.96	0.02	-0.01	0.03	324	68.43	71.99	78.12	0.3127	0.329	0.9692
	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	1.1927

KG370-7N

$$n = 88.59 / (88.59 - 0.28) = 1.003$$

TUB-Prüfvorlage KG37; Bunttonkreis und farbmetrische Daten input: *olv* setrgbcolor*
 Messung: LCD- und CRT-Display und LCD-Projektor output: *no change compared to input*

Siehe Original/Kopie: <http://web.me.com/klaus.richter/KG37/KG37LONA.TXT> /.PS
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20100601-KG37/KG37LONA.TXT /.PS
 Anwendung für Messung von Drucker- oder Monitorsystemen
 TUB-Material: Code=rh4ta

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS70a für Helligkeit $L^*_N=70$ von Schwarz

System:

TLS70a **Y Gelb**

Projektor: $LCH^*_a = 89.1 \ 29.4 \ 105$

LCD $LAB^*_a = 89.1 \ -7.8 \ 28.4$

Reflexion:

$Y_N = 40.32$

$L^*_N = 69.7$

L Laubgrün

$LCH^*_a = 84.3 \ 29.0 \ 133$

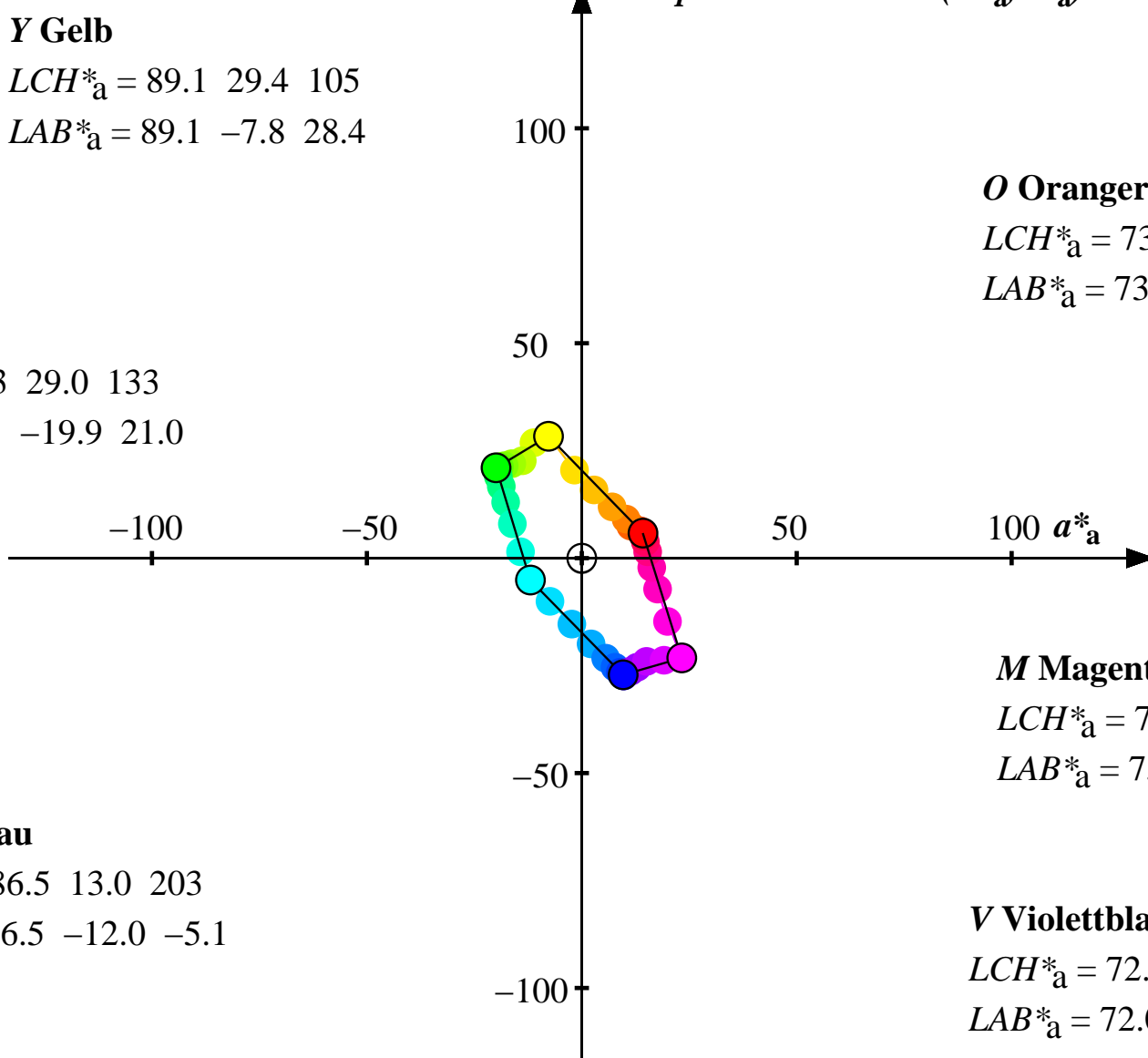
$LAB^*_a = 84.3 \ -19.9 \ 21.0$

C Cyanblau

$LCH^*_a = 86.5 \ 13.0 \ 203$

$LAB^*_a = 86.5 \ -12.0 \ -5.1$

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



O Orangerot

$LCH^*_a = 73.2 \ 15.3 \ 22$

$LAB^*_a = 73.2 \ 14.2 \ 5.8$

M Magentarot

$LCH^*_a = 75.8 \ 32.9 \ 315$

$LAB^*_a = 75.8 \ 23.3 \ -23.2$

V Violettblau

$LCH^*_a = 72.0 \ 28.8 \ 289$

$LAB^*_a = 72.0 \ 9.6 \ -27.2$

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