

http://farbe.li.tu-berlin.de/CEW5/CEW5L0N1.TXT /PS; only vector graphic VG; start output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/1

Oswald optimal colours (o), maximum (m) CAB_{10} for D65, $Y_N=0$, $Y_W=100$, $Y_m=520..770$													
l_1	λ_1	l_2	λ_2	Y_{10}	$A_{1,10}$	$B_{1,10}$	$CAB_{1,10,10}$	$b_{1,10}$	$h_{5,1,10,d}$	l_c	λ_c	Code	
0	405	31	556	52.33	-52.91	-39.71	66.16	0.2111	-0.7327	216.8	15	476	37 585 C
6	435	31	557	53.26	-56.05	-18.94	59.17	0.1946	-0.5715	198.6	16	480	44 621
10	450	31	559	53.56	-58.87	13.42	60.38	0.1759	-0.3289	167.1	18	492	-1 492c
11	460	32	562	54.81	-58.9	22.73	63.14	0.1857	-0.2632	158.8	19	498	-1 498c
12	465	33	565	56.0	-58.53	31.19	66.32	0.1975	-0.2064	151.9	21	506	-1 506c
14	470	34	570	57.89	-55.44	44.41	71.03	0.2325	-0.1223	141.3	24	522	-1 522c Gm
15	475	35	579	63.11	-49.55	53.89	73.21	0.3015	-0.0876	132.5	26	534	-1 534c
16	480	41	606	74.33	-26.68	68.78	73.78	0.472	-0.059	111.2	30	550	-1 550c
16	485	-1	484c	83.34	1.49	78.45	78.47	0.6227	-0.0526	88.9	32	560	10 454 max
18	490	-1	490c	80.55	7.16	78.94	79.26	0.6511	-0.0372	84.8	32	562	11 459
19	495	-1	495c	78.81	10.57	78.13	78.84	0.6692	-0.0326	82.2	32	563	12 461
19	500	-1	499c	78.81	10.57	78.13	78.84	0.6692	-0.0326	82.2	32	563	12 461
22	510	-1	510c	71.94	22.69	72.45	75.92	0.7417	-0.0263	72.6	33	566	13 466
23	520	-1	519c	69.1	27.09	69.69	74.77	0.7724	-0.0258	68.7	33	568	13 468 Ym
26	530	-1	530c	59.04	39.99	59.35	71.56	0.8865	-0.0271	56.0	34	573	14 472
27	540	-1	539c	55.35	43.74	55.46	70.63	0.9316	-0.0284	51.7	35	576	14 473
28	545	-1	544c	51.58	47.01	51.45	69.7	0.9801	-0.0302	47.5	35	578	14 474
29	550	-1	549c	47.76	49.72	47.38	68.68	1.0319	-0.0324	43.6	36	580	15 475
31	555	-1	555c	40.2	53.05	39.28	66.01	1.1433	-0.0384	36.5	37	586	15 476
32	560	10	451	38.17	58.81	-13.05	60.25	1.2318	-0.566	34.74	-1	491c	18 491
31	556	0	405	47.66	52.92	39.71	66.16	1.0597	-0.0958	36.8	37	585	15 476 Rm
31	557	6	435	46.73	56.05	18.94	59.16	1.0952	-0.267	18.6	44	621	16 480
31	559	10	450	46.43	58.86	-13.42	60.37	1.1227	-0.5448	34.71	-1	492c	18 492
32	562	11	460	45.18	58.89	-22.73	63.12	1.1369	-0.6304	33.88	-1	498c	19 498
33	565	12	465	43.99	58.51	-31.18	66.31	1.1476	-0.7128	33.19	-1	506c	21 506
34	570	14	470	42.1	55.42	-43.39	71.01	1.142	-0.8509	32.13	-1	522c	24 522 Mm
35	575	15	475	36.88	49.54	-53.87	73.19	1.1529	-1.0135	31.25	-1	534c	26 534
41	606	16	480	25.66	26.67	-68.75	73.74	1.0313	-1.5009	29.12	-1	550c	30 550
-1	484c	16	485	16.65	-1.49	-78.4	78.42	0.5796	-2.3126	268.9	10	454	32 560 min
-1	490c	18	490	19.44	-7.16	-78.89	79.22	0.4682	-2.0519	264.8	11	459	32 562
-1	495c	19	495	21.18	-10.56	-78.09	78.8	0.4161	-1.9035	262.2	12	461	32 563
-1	499c	19	500	21.18	-10.56	-78.09	78.8	0.4161	-1.9035	262.2	12	461	32 563
-1	510c	22	510	28.05	-22.68	-72.43	75.9	0.2921	-1.4619	252.6	13	466	33 566
-1	519c	23	520	30.89	-27.08	-69.67	74.75	0.2648	-1.3312	248.7	13	468	33 568 Bm
-1	530c	26	530	40.95	-39.98	-59.33	71.55	0.225	-1.0087	236.0	14	472	34 573
-1	539c	27	540	44.64	-43.73	-55.45	70.62	0.2237	-0.926	231.7	14	473	35 576
-1	544c	28	545	48.41	-47.01	-51.45	69.69	0.2271	-0.8543	227.5	14	474	35 578
-1	549c	29	550	52.23	-49.72	-47.37	68.67	0.2348	-0.792	223.6	15	475	36 580
-1	555c	31	555	59.79	-53.04	-39.27	66.0	0.2607	-0.6919	216.5	15	476	37 586
10	451	32	560	61.82	-58.82	13.05	60.26	0.2349	-0.3447	167.4	18	491	-1 491c
W0	380	770	100.0	0.0	0.0	0.0	0.0	0.6155	-0.4292	0.0	B _c =1,000		
N0	380	770	4.0	0.0	0.0	0.0	0.0	0.6155	-0.4292	0.0	x _c =0,110		

Oswald optimal colours (o), maximum (m) CAB_{10} for D65, $Y_N=0$, $Y_W=100$, $Y_m=520..770$													
l_1	λ_1	l_2	λ_2	Y_{10}	$A_{2,10}$	$B_{2,10}$	$CAB_{2,10,10,2}$	$b_{2,10}$	$h_{5,2,10,d}$	l_c	λ_c	Code	
0	405	31	556	52.33	-52.91	-31.77	61.72	0.2111	-0.7327	210.9	15	476	37 585 C
6	435	31	557	53.26	-56.05	-15.15	58.06	0.1946	-0.5715	195.1	16	480	44 621
10	450	31	559	53.56	-58.87	10.74	59.84	0.1759	-0.3289	169.6	18	492	-1 492c
11	460	32	562	54.81	-58.9	18.19	61.65	0.1857	-0.2632	162.8	19	498	-1 498c
12	465	33	565	56.0	-58.53	24.95	63.63	0.1975	-0.2064	156.9	21	506	-1 506c
14	470	34	570	57.89	-55.44	35.53	65.85	0.2325	-0.1223	147.3	24	522	-1 522c Gm
15	475	35	579	63.11	-49.55	43.11	65.68	0.3015	-0.0876	138.9	26	534	-1 534c
16	480	41	606	74.33	-26.68	55.03	61.16	0.472	-0.059	115.8	30	550	-1 550c
16	485	-1	484c	83.34	1.49	62.76	62.78	0.6227	-0.0526	88.6	32	560	10 454 max
18	490	-1	490c	80.55	7.16	63.15	63.55	0.6511	-0.0372	83.5	32	562	11 459
19	495	-1	495c	78.81	10.57	62.5	63.39	0.6692	-0.0326	80.4	32	563	12 461
19	500	-1	499c	78.81	10.57	62.5	63.39	0.6692	-0.0326	80.4	32	563	12 461
22	510	-1	510c	71.94	22.69	57.96	62.25	0.7417	-0.0263	68.6	33	566	13 466
23	520	-1	519c	69.1	27.09	55.75	61.99	0.7724	-0.0258	64.0	33	568	13 468 Ym
26	530	-1	530c	59.04	39.99	47.48	62.08	0.8865	-0.0271	49.8	34	573	14 472
27	540	-1	539c	55.35	43.74	44.36	62.3	0.9316	-0.0284	45.4	35	576	14 473
28	545	-1	544c	51.58	47.01	41.16	62.49	0.9801	-0.0302	41.2	35	578	14 474
29	550	-1	549c	47.76	49.72	37.9	62.52	1.0319	-0.0324	37.3	36	580	15 475
31	555	-1	555c	40.2	53.05	31.42	61.66	1.1433	-0.0384	30.6	37	586	15 476
32	560	10	451	38.17	58.81	-10.44	59.73	1.2318	-0.566	34.99	-1	491c	18 491
31	556	0	405	47.66	52.92	31.77	61.72	1.0597	-0.0958	30.9	37	585	15 476 Rm
31	557	6	435	46.73	56.05	15.15	58.06	1.0952	-0.267	15.1	44	621	16 480
31	559	10	450	46.43	58.86	-10.74	59.83	1.1227	-0.5448	34.96	-1	492c	18 492
32	562	11	460	45.18	58.89	-18.18	61.63	1.1369	-0.6304	34.28	-1	498c	19 498
33	565	12	465	43.99	58.51	-24.95	63.61	1.1476	-0.7128	33.69	-1	506c	21 506
34	570	14	470	42.1	55.42	-35.51	65.82	1.142	-0.8509	32.73	-1	522c	24 522 Mm
35	575	15	475	36.88	49.54	-43.31	65.66	1.1529	-1.0135	31.89	-1	534c	26 534
41	606	16	480	25.66	26.67	-55.0	61.13	1.0313	-1.5009	295.8	-1	550c	30 550
-1	484c	16	485	16.65	-1.49	-62.72	62.74	0.5796	-2.3126	268.6	10	454	32 560 min
-1	490c	18	490	19.44	-7.16	-63.11	63.52	0.4682	-2.0519	263.5	11	459	32 562
-1	495c	19	495	21.18	-10.56	-62.47	63.36	0.4161	-1.9035	260.4	12	461	32 563
-1	499c	19	500	21.18	-10.56	-62.47	63.36	0.4161	-1.9035	260.4	12	461	32 563
-1	510c	22	510	28.05	-22.68	-57.94	62.22	0.2921	-1.4619	248.6	13	466	33 566
-1	519c	23	520	30.89	-27.08	-55.73	61.97	0.2648	-1.3312	244.0	13	468	33 568 Bm
-1	530c	26	530	40.95	-39.98	-47.47	62.06	0.225	-1.0087	229.8	14	472	34 573
-1	539c	27	540	44.64	-43.73	-44.36	62.29	0.2237	-0.926	225.4	14	473	35 576
-1	544c	28	545	48.41	-47.01	-41.16	62.49	0.2271	-0.8543	221.2	14	474	35 578
-1	549c	29	550	52.23	-49.72	-37.9	62.52	0.2348	-0.792	217.3	15	475	36 580
-1	555c	31	555	59.79	-53.04	-31.42	61.65	0.2607	-0.6919	210.6	15	476	37 586
10	451	32	560	61.82	-58.82	10.44	59.74	0.2349	-0.3447	169.9	18	491	-1 491c
W0	380	770	100.0	0.0	0.0	0.0	0.0	0.6155	-0.3433	0.0	B _c =0,800		
N0	380	770	4.0	0.0	0.0	0.0	0.0	0.6155	-0.3433	0.0	x _c =0,110		

TUB-test chart CEW5; Hue circle of the *Oswald* optimal colours with Y values, $Y_N=0$, $Y_W=100$
Data: $YA_1B_1CAB_{1,10}$, $1hAB_{1,1}$ and $YA_2B_2CAB_{2,10}$ as table with different wavelength, D65-02

TUB registration: 20201101-CEW5/CEW5L0N1.TXT /PS
application for evaluation and measurement of display or print output

TUB material: code=thadta