

http://farbe.li.tu-berlin.de/DEF7/DEF7/L0N1.TXT /PS; only vector graphic VG; start output
N: no 3D-linearization (OL) in file DEF7 or PS-startup (S), page 4/1

Oswald optimal colours (o), maximum (m) C_{AB} for A00, $Y_N=3.6$, $Y_W=90$, $Y_m=520.770$

i_1	λ_1	i_2	λ_2	X	Y	Z	x	y	z	h_{xy}	i_d	λ_d	i_c	λ_c	Code
1	405	34	574	25.18	45.93	28.58	0.2525	0.4606	0.2867	164.7	18	494	39	599	Cm
6	435	34	574	24.61	46.09	29.91	0.2573	0.482	0.2605	158.5	19	496	42	612	
9	450	34	574	23.82	46.35	29.28	0.2662	0.5181	0.2562	148.5	20	501	-1	501c	
12	460	35	575	22.49	46.0	12.62	0.2773	0.567	0.1555	136.8	21	508	-1	508c	
13	465	35	575	22.57	46.26	10.51	0.2844	0.583	0.1325	132.8	22	512	-1	512c	
13	470	35	576	23.2	46.86	10.52	0.2879	0.5815	0.1303	125.3	22	513	-1	513c	
14	475	35	577	23.93	47.65	8.67	0.2982	0.5937	0.108	122.8	23	519	-1	519c	Gm
16	480	35	579	25.22	48.7	5.84	0.3162	0.6105	0.072	128.7	26	533	-1	533c	
17	485	36	582	27.48	50.33	4.82	0.3325	0.609	0.0584	119.6	28	540	-1	540c	
18	490	37	588	32.57	53.85	4.01	0.3601	0.5954	0.0444	114.9	29	548	-1	548c	
19	495	40	601	44.98	61.06	3.37	0.411	0.558	0.0308	103.5	31	559	-1	559c	
20	500	-1	500c	84.79	77.63	2.84	0.513	0.4697	0.0172	43.5	35	576	13	469	max
21	510	-1	509c	84.77	76.57	2.41	0.5176	0.4675	0.0147	40.5	35	576	14	472	
24	520	-1	520c	84.38	71.52	1.66	0.5355	0.4539	0.0105	27.8	35	579	16	480	Ym
26	530	-1	530c	83.42	66.62	1.42	0.5507	0.4398	0.0094	17.4	36	582	16	484	
28	540	-1	540c	81.6	60.72	1.29	0.5681	0.4227	0.009	7.2	37	585	17	487	
28	545	-1	544c	81.6	60.72	1.29	0.5681	0.4227	0.009	7.2	37	585	17	487	
29	550	-1	549c	80.3	57.48	1.26	0.5775	0.4134	0.009	2.6	37	586	17	489	
31	555	-1	555c	76.72	50.54	1.21	0.5971	0.3933	0.0094	354.6	38	590	18	491	
32	560	-1	560c	74.39	46.93	1.2	0.6071	0.383	0.0098	351.3	38	593	18	492	
34	574	1	405	73.68	44.06	3.43	0.6079	0.3636	0.0283	344.7	39	599	18	494	Rm
34	574	6	435	74.25	43.9	7.11	0.5927	0.3504	0.0567	338.5	42	612	19	496	
34	574	9	450	75.04	43.64	12.73	0.5709	0.332	0.0969	328.6	-1	501c	20	501	
35	575	12	460	76.36	43.99	19.4	0.5463	0.3147	0.1388	316.8	-1	508c	21	508	
35	575	13	465	76.28	43.73	21.5	0.539	0.3089	0.1519	312.9	-1	512c	22	512	
35	576	13	470	75.66	43.13	21.5	0.5392	0.3074	0.1532	312.5	-1	513c	22	513	
35	577	14	475	74.92	42.34	23.35	0.5328	0.3011	0.166	308.7	-1	519c	23	519	Mm
35	579	16	480	73.63	41.29	26.18	0.5218	0.2926	0.1855	302.9	-1	533c	26	533	
36	582	17	485	71.38	39.66	27.19	0.5163	0.2869	0.1967	299.7	-1	540c	28	540	
37	588	18	490	66.28	36.14	28.0	0.5081	0.277	0.2147	294.9	-1	548c	29	548	
40	601	19	495	53.88	28.93	28.64	0.4833	0.2595	0.257	283.6	-1	559c	31	559	
-1	500c	20	500	14.07	12.36	29.17	0.253	0.2522	0.5246	22.35	13	469	35	576	min
-1	509c	21	510	14.08	13.42	29.6	0.2466	0.235	0.5183	220.6	14	472	35	576	
-1	520c	24	520	14.48	18.47	30.35	0.2287	0.2918	0.4794	207.8	16	480	35	579	Bm
-1	530c	26	530	15.44	23.37	30.59	0.2224	0.3367	0.4047	197.4	16	484	36	582	
-1	540c	28	540	17.25	29.27	30.72	0.2233	0.3789	0.3977	187.2	17	487	37	585	
-1	544c	28	545	17.29	29.27	30.72	0.2233	0.3789	0.3977	187.2	17	487	37	585	
-1	549c	29	550	18.56	32.51	30.76	0.2267	0.3973	0.3758	182.6	17	489	37	586	
-1	555c	31	555	22.13	39.45	30.8	0.2395	0.4269	0.3334	174.6	18	491	38	590	
-1	560c	32	560	24.47	43.06	30.81	0.2488	0.4378	0.3133	171.2	18	492	38	593	
W0	380	770	98.86	89.99	32.02	0.4475	0.4074	0.1449	0.0						
N0	380	770	3.95	3.59	1.28	0.4475	0.4074	0.1449	0.0						

Oswald optimal colours (o), maximum (m) C_{AB} for A00, $Y_N=3.6$, $Y_W=90$, $Y_m=520.770$

i_1	λ_1	i_2	λ_2	Y	A	B	a	b	h_{xy}	i_d	λ_d	i_c	λ_c	Code	
1	405	34	574	45.93	-63.15	-12.24	64.33	0.5481	-0.2489	190.9	18	494	39	599	Cm
6	435	34	574	46.09	-65.05	-8.5	65.6	0.5337	-0.2161	187.4	19	496	42	612	
9	450	34	574	46.35	-67.72	-2.79	67.78	0.5137	-0.1664	182.3	20	501	-1	501c	
12	460	35	575	46.0	-70.07	3.74	70.17	0.4889	-0.1097	176.9	21	508	-1	508c	
13	465	35	575	46.26	-70.6	5.94	70.85	0.4878	-0.0909	175.1	22	512	-1	512c	
13	470	35	576	46.86	-70.67	6.15	70.94	0.4949	-0.0897	175.0	22	513	-1	513c	
14	475	35	577	47.65	-71.0	8.27	71.48	0.5021	-0.0727	173.3	23	519	-1	519c	Gm
16	480	35	579	48.7	-70.67	11.48	71.6	0.5178	-0.0479	170.7	26	533	-1	533c	
17	485	36	582	50.33	-69.49	13.07	70.71	0.5459	-0.0383	169.3	28	540	-1	540c	
18	490	37	588	53.85	-66.43	15.14	68.13	0.6048	-0.0298	167.1	29	548	-1	548c	
19	495	40	601	61.06	-55.22	18.35	58.19	0.7364	-0.022	161.6	31	559	-1	559c	
20	500	-1	500c	77.63	-1.22	24.77	24.8	1.0919	-0.0146	92.8	35	576	13	469	max
21	510	-1	509c	76.57	1.65	24.82	24.81	1.1068	-0.0126	86.1	35	576	14	472	
24	520	-1	520c	71.52	14.53	23.77	27.86	1.1795	-0.0093	58.5	35	579	16	480	Ym
26	530	-1	530c	66.62	25.59	22.27	33.93	1.2519	-0.0085	41.0	36	582	16	484	
28	540	-1	540c	60.72	37.24	20.3	42.41	1.3435	-0.0085	28.6	37	585	17	487	
28	545	-1	544c	60.72	37.24	20.3	42.41	1.3435	-0.0085	28.6	37	585	17	487	
29	550	-1	549c	57.48	42.88	19.18	46.98	1.3966	-0.0087	24.1	37	586	17	489	
31	555	-1	555c	50.54	52.98	16.76	55.57	1.5174	-0.0096	17.5	38	590	18	491	
32	560	-1	560c	46.93	57.07	15.48	59.14	1.5847	-0.0102	15.1	38	593	18	492	
34	574	1	405	44.06	63.15	12.24	64.32	1.6714	-0.0311	10.9	39	599	18	494	Rm
34	574	6	435	43.9	65.04	8.5	65.6	1.6909	-0.0647	7.4	42	612	19	496	
34	574	9	450	43.64	67.72	2.79	67.77	1.7188	-0.1166	2.3	-1	501c	20	501	
35	575	12	460	43.99	70.06	-3.74	70.16	1.7352	-0.1763	356.9	-1	508c	21	508	
35	575	13	465	43.73	70.59	-5.94	70.84	1.7439	-0.1966	355.1	-1	512c	22	512	
35	576	13	470	43.13	70.66	-6.15	70.93	1.7535	-0.1993	355.0	-1	513c	22	513	
35	577	14	475	42.34	70.99	-8.27	71.47	1.7687	-0.2204	353.3	-1	519c	23	519	Mm
35	579	16	480	41.29	70.66	-11.48	71.58	1.7827	-0.2535	350.7	-1	533c	26	533	
36	582	17	485	39.66	69.47	-13.07	70.69	1.7988	-0.2741	349.3	-1	540c	28	540	
37	588	18	490	36.14	66.42	-15.13	68.12	1.8333	-0.3098	347.1	-1	548c	29	548	
40	601	19	495	28.93	55.21	-18.34	58.18	1.8615	-0.3959	341.6	-1	559c	31	559	
-1	500c	20	500	12.36	1.22	-24.76	24.79	1.1377	-0.0496	27.8	13	469	35	576	min
-1	509c	21	510	13.42	-1.65	-24.81	24.87	1.0489	-0.8819	266.1	14	472	35	576	
-1	520c	24	520	14.48	-14.53	-23.77	27.86	0.7836	-0.6569	238.5	16	480	35	579	Bm
-1	530c	26	530	15.44	-25.59	-22.27	33.92	0.6602	-0.5233	221.0	16	484	36	582	
-1	540c	28	540	17.25	-37.24	-20.3	42.41	0.5893	-0.4197	208.6	17	487	37	585	
-1	544c	28	545	17.29	-37.24	-20.3	42.41	0.5893	-0.4197	208.6	17	487	37	585	
-1	549c	29	550	18.56	-42.88	-19.18	46.98	0.5706	-0.3783	204.1	17	489	37	586	
-1	555c	31	555	22.13	-52.98	-16.76	55.57	0.5609	-0.3122	197.5	18	491	38	590	
-1	560c	32	560	24.47	-57.08	-15.48	59.14	0.5681	-0.2861	195.1	18	492	38	593	
W0	380	770	89.99	0.0	0.0	0.0	0.0	1.0982	-0.1422	0.0					$B_c=1.000$
N0	380	770	3.59	0.0	0.0	0.0	0.0	1.0982	-0.1422	0.0					$x_c=0.000$

TUB-test chart DEF7; Y_{AB} Oswald optimal colours, $Y_N=3.6$, $Y_W=90$, illuminant A00, CIE-02-degree
Table data: XYZ and Y_{AB} with different wavelength ranges

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