

<http://farbe.li.tu-berlin.de/eeh7/70n1.txt/.ps>; only vector graphic VG;
 see separate images of this page: <http://farbe.li.tu-berlin.de/eeh7/eeh7.htm>

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	29.82	0.2662	0.5181	0.2156	148.5	20 501 - 1 501e
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	0.1305	132.5	22 513 - 1 513c
14	475	35	577	23.93	47.65	8.67	0.2982	0.5937	0.108	128.7	23 519 - 1 519c Gm
16	480	35	579	25.22	48.7	5.84	0.3162	0.6105	0.072	122.8	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	338.4	42 612 19 496	
34	574	9 450	75.04	43.64	12.73	0.5709	0.332	0.0969	328.6	-1 501e 20 501	
35	575	12 460	76.36	43.99	19.4	0.5463	0.3147	0.1388	316.8	-1 508e 21 508	
35	575	13 465	76.28	43.73	21.5	0.539	0.3089	0.1519	312.9	-1 512e 22 512	
35	576	13 470	75.66	43.13	21.5	0.5392	0.3074	0.1532	312.5	-1 513e 22 513	
35	577	14 475	74.26	42.34	23.35	0.5328	0.3011	0.166	308.7	-1 519e 23 519 Mm	
35	579	16 480	73.63	41.29	26.18	0.5218	0.2926	0.1855	302.9	-1 533e 26 533	
36	582	17 485	71.38	39.66	27.19	0.5163	0.2869	0.1967	299.7	-1 540e 28 540	
37	588	18 490	66.28	36.14	28.0	0.5081	0.277	0.2147	294.9	-1 548e 29 548	
40	601	19 495	53.88	28.93	28.64	0.4833	0.2595	0.257	283.6	-1 559e 31 559	
-1	500e	20 500	14.07	12.36	19.17	0.253	0.222	0.5246	22.5	13 469 35 576 min	
-1	509e	21 510	14.08	13.42	29.6	0.2466	0.235	0.5183	220.6	14 472 35 576	
-1	520e	24 520	14.48	18.47	30.35	0.2287	0.2918	0.4794	207.8	16 480 35 579 Bm	
-1	530e	26 530	15.44	23.37	30.59	0.2224	0.3367	0.4407	197.4	16 484 36 582	
-1	540e	28 540	17.25	29.27	30.72	0.2233	0.3789	0.3977	187.2	17 487 37 585	
-1	544e	28 545	17.29	29.27	30.72	0.2233	0.3789	0.3977	187.2	17 487 37 585	
-1	549e	29 550	18.56	32.51	30.76	0.2267	0.3973	0.3758	182.6	17 489 37 586	
-1	555e	31 555	22.13	39.45	30.8	0.2395	0.4269	0.3334	174.6	18 491 38 590	
-1	560e	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		

TUB-test chart eeh7; *Oswald* optimal colours, $Y_N=3.6$, $Y_W=90$, illuminant A00, CIE-02-degree
 Table data: XYZ and $YAC_{AB}h_{AB}$ with different wavelength ranges

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	C_{AB}	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	-0.1662	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	24.8	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 501e 20 501	
35	575	12 460	43.99	70.06	-3.74	70.16	1.7352	-0.1763	356.9	-1 508e 21 508	
35	575	13 465	43.73	70.59	-5.94	70.84	1.7439	-0.1966	355.1	-1 512e 22 512	
35	576	13 470	43.13	70.66	-6.15	70.93	1.7535	-0.1993	355.0	-1 513e 22 513	
35	577	14 475	42.34	70.99	-8.27	71.47	1.7687	-0.2204	353.3	-1 519e 23 519 Mm	
35	579	16 480	41.29	70.66	-11.48	71.58	1.7827	-0.2535	350.7	-1 533e 26 533	
36	582	17 485	39.66	69.47	-13.07	70.69	1.7988	-0.2411	349.3	-1 540e 28 540	
37	588	18 490	36.14	66.42	-15.13	68.12	1.8333	-0.3098	347.1	-1 548e 29 548	
40	601	19 495	28.93	55.21	-18.34	58.18	1.8615	-0.3959	341.6	-1 559e 31 559	
-1	500e	20 500	12.36	1.22	-24.76	24.79	1.1377	-0.1377	-0.2436	22.5	13 469 35 576 min
-1	509e	21 510	13.42	-1.65	-24.81	24.87	1.0489	-0.8819	266.1	14 472 35 576	
-1	520e	24 520	14.48	-14.53	-23.77	27.86	0.7836	-0.6569	238.5	16 480 35 579 Bm	
-1	530e	26 530	15.44	-25.59	-22.27	33.92	0.6602	-0.5233	221.0	16 484 36 582	
-1	540e	28 540	17.25	-37.24	-20.3	42.41	0.5893	-0.4197	208.6	17 487 37 585	
-1	544e	28 545	17.29	-37.24	-20.3	42.41	0.5893	-0.4197	208.6	17 487 37 585	
-1	549e	29 550	18.56	-42.88	-19.18	46.98	0.5706	-0.3783	204.1	17 489 37 586	
-1	555e	31 555	22.13	-52.98	-16.76	55.57	0.5609	-0.3122	197.5	18 491 38 590	
-1	560e	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	1.0982	-0.1422	0.0	$B_c=1,000$	
N0	380	770	3.59	0.0	0.0	0.0	1.0982	-0.1422	0.0	$x_c=0,000$	

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/eeh7.htm>
 technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

TUB registration: 2023/07/01-eeh7/eeh7/0n1.txt/.ps
 application for evaluation and measurement of display or print output
 TUB material: code=mathta