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

***Ostwald* optimal colours (o), maximum (m) C_{AB} for D65, 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
0 405	32 561	28.34	48.4	87.6	0.1724	0.2945	0.533	193.8	16 483	37 589	Cm
6 435	32 562	25.69	48.95	72.52	0.1746	0.3326	0.4927	178.5	17 486	42 610	
10 450	32 563	21.01	49.59	44.25	0.1829	0.4317	0.3852	141.6	19 496	−1 496c	
12 460	33 565	19.15	49.94	29.98	0.1933	0.504	0.3026	124.2	21 505	−1 505c	
12 465	33 567	20.12	51.15	29.99	0.1987	0.5051	0.2961	122.8	21 506	−1 506c	
14 470	33 569	19.94	52.23	19.06	0.2186	0.5724	0.2089	111.1	24 520	−1 520c	
15 475	34 573	21.65	54.1	15.12	0.2382	0.5953	0.1664	105.6	25 528	−1 528c	Gm
16 480	36 580	25.4	57.45	12.12	0.2674	0.6048	0.1276	99.2	27 537	−1 537c	
17 485	39 595	35.62	64.35	9.93	0.3241	0.5855	0.0903	87.4	29 548	−1 548c	
18 490	−1 490c	63.02	76.18	8.3	0.4272	0.5164	0.0562	58.5	33 565	11 459	max
19 495	−1 495c	62.98	75.01	7.04	0.4342	0.5171	0.0485	57.1	33 566	12 462	
20 500	−1 500c	62.97	73.55	6.07	0.4416	0.5158	0.0425	55.3	33 567	12 464	
22 510	−1 510c	62.87	69.55	4.8	0.4581	0.5068	0.035	50.6	33 569	13 469	
23 520	−1 519c	62.69	66.99	4.43	0.4674	0.4995	0.033	47.7	34 570	14 471	Ym
25 530	−1 529c	61.81	60.81	3.97	0.4882	0.4803	0.0314	40.7	34 573	15 475	
27 540	−1 539c	60.05	53.7	3.73	0.511	0.4571	0.0318	32.8	35 577	15 478	
28 545	−1 544c	58.8	49.99	3.67	0.5228	0.4445	0.0326	28.7	35 579	15 479	
29 550	−1 549c	57.28	46.21	3.62	0.5347	0.4313	0.0338	24.7	36 582	16 480	
30 555	−1 554c	55.49	42.43	3.6	0.5465	0.4179	0.0354	20.8	36 584	16 481	
32 560	−1 560c	51.12	35.12	3.57	0.5691	0.391	0.0397	13.6	37 589	16 483	
32 561	0 405	57.19	41.59	10.39	0.5238	0.3809	0.0951	13.8	37 589	16 483	Rm
32 562	6 435	59.84	41.04	25.47	0.4735	0.3248	0.2016	358.5	42 610	17 486	
32 563	10 450	64.52	40.4	53.74	0.4066	0.2546	0.3387	321.6	−1 496c	19 496	
33 565	12 460	66.38	40.05	68.01	0.3805	0.2295	0.3898	304.3	−1 505c	21 505	
33 567	12 465	65.41	38.84	68.01	0.3797	0.2254	0.3947	302.9	−1 506c	21 506	
33 569	14 470	65.59	37.76	78.93	0.3598	0.2071	0.433	291.1	−1 520c	24 520	
34 573	15 475	63.88	35.89	82.87	0.3497	0.1964	0.4537	285.6	−1 528c	25 528	Mm
36 580	16 480	60.13	32.54	85.87	0.3367	0.1822	0.4809	279.3	−1 537c	27 537	
39 595	17 485	49.91	25.64	88.06	0.305	0.1567	0.5382	267.4	−1 548c	29 548	
−1 490c	18 490	22.51	13.81	89.7	0.1786	0.1096	0.7117	238.5	11 459	33 565	min
−1 495c	19 495	22.55	14.98	90.95	0.1755	0.1166	0.7078	237.1	12 462	33 566	
−1 500c	20 500	22.56	16.44	91.92	0.1723	0.1256	0.702	235.4	12 464	33 567	
−1 510c	22 510	22.66	20.44	93.19	0.1662	0.1499	0.6837	230.7	13 469	33 569	
−1 519c	23 520	22.84	23.0	93.56	0.1638	0.165	0.6711	227.7	14 471	34 570	Bm
−1 529c	25 530	23.72	29.18	94.02	0.1614	0.1986	0.6399	220.7	15 475	34 573	
−1 539c	27 540	25.48	36.29	94.26	0.1633	0.2325	0.604	212.8	15 478	35 577	
−1 544c	28 545	26.73	40.0	94.33	0.1659	0.2483	0.5856	208.8	15 479	35 579	
−1 549c	29 550	28.25	43.78	94.37	0.1697	0.2631	0.567	204.7	16 480	36 582	
−1 554c	30 555	30.04	47.56	94.4	0.1746	0.2765	0.5488	200.8	16 481	36 584	
−1 560c	32 560	34.41	54.87	94.43	0.1873	0.2986	0.5139	193.6	16 483	37 589	
W0 380	770	85.53	90.0	98.0	0.3127	0.329	0.3582	0.0			
N0 380	770	3.42	3.6	3.92	0.3127	0.329	0.3582	0.0			

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***Ostwald* optimal colours (o), maximum (m) C_{AB} for D65, 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
0 405	32 561	48.4	−44.14	−34.88	56.26	0.5853	−0.7237	218.3	16 483	37 589	Cm
6 435	32 562	48.95	−52.06	−19.21	55.49	0.5247	−0.5924	200.2	17 486	42 610	
10 450	32 563	49.59	−65.28	9.74	66.0	0.4236	−0.3568	171.5	19 496	−1 496c	
12 460	33 565	49.94	−70.75	24.38	74.84	0.3834	−0.2401	160.9	21 505	−1 505c	
12 465	33 567	51.15	−71.21	25.7	75.7	0.3933	−0.2344	160.1	21 506	−1 506c	
14 470	33 569	52.23	−74.21	37.79	83.28	0.3818	−0.146	153.0	24 520	−1 520c	
15 475	34 573	54.1	−74.41	43.77	86.33	0.4	−0.1118	149.5	25 528	−1 528c	Gm
16 480	36 580	57.45	−72.95	50.41	88.68	0.4421	−0.0844	145.3	27 537	−1 537c	
17 485	39 595	64.35	−63.82	60.12	87.69	0.5534	−0.0617	136.7	29 548	−1 548c	
18 490	−1 490c	76.18	−23.43	74.63	78.22	0.8271	−0.0435	107.4	33 565	11 459	max
19 495	−1 495c	75.01	−20.75	74.61	77.45	0.8394	−0.0375	105.5	33 566	12 462	
20 500	−1 500c	73.55	−17.31	73.99	75.99	0.8559	−0.033	103.1	33 567	12 464	
22 510	−1 510c	69.55	−8.06	70.91	71.36	0.9037	−0.0276	96.4	33 569	13 469	
23 520	−1 519c	66.99	−2.43	68.49	68.54	0.9356	−0.0264	92.0	34 570	14 471	Ym
25 530	−1 529c	60.81	10.04	62.23	63.03	1.0161	−0.0261	80.8	34 573	15 475	
27 540	−1 539c	53.7	22.51	54.73	59.18	1.1178	−0.0278	67.6	35 577	15 478	
28 545	−1 544c	49.99	28.21	50.75	58.06	1.1758	−0.0293	60.9	35 579	15 479	
29 550	−1 549c	46.21	33.39	46.68	57.39	1.2392	−0.0314	54.4	36 582	16 480	
30 555	−1 554c	42.43	37.9	42.59	57.01	1.3074	−0.0339	48.3	36 584	16 481	
32 560	−1 560c	35.12	44.32	34.66	56.27	1.4548	−0.0406	38.0	37 589	16 483	
32 561	0 405	41.59	44.15	34.88	56.27	1.3747	−0.0999	38.3	37 589	16 483	Rm
32 562	6 435	41.04	52.06	19.21	55.49	1.4575	−0.2481	20.2	42 610	17 486	
32 563	10 450	40.4	65.27	−9.74	65.99	1.5963	−0.5318	351.5	−1 496c	19 496	
33 565	12 460	40.05	70.74	−24.38	74.82	1.6566	−0.6789	340.9	−1 505c	21 505	
33 567	12 465	38.84	71.19	−25.69	75.68	1.6832	−0.7	340.1	−1 506c	21 506	
33 569	14 470	37.76	74.18	−37.78	83.25	1.7359	−0.8356	333.0	−1 520c	24 520	
34 573	15 475	35.89	74.38	−43.76	86.3	1.7791	−0.9231	329.5	−1 528c	25 528	Mm
36 580	16 480	32.54	72.92	−50.39	88.64	1.8464	−1.0547	325.3	−1 537c	27 537	
39 595	17 485	25.64	63.8	−60.1	87.65	1.9454	−1.373	316.7	−1 548c	29 548	
−1 490c	18 490	13.81	23.41	−74.58	78.16	1.6281	−2.5947	287.4	11 459	33 565	min
−1 495c	19 495	14.98	20.74	−74.56	77.39	1.5038	−2.4259	285.5	12 462	33 566	
−1 500c	20 500	16.44	17.3	−73.95	75.94	1.3709	−2.2338	283.1	12 464	33 567	
−1 510c	22 510	20.44	8.05	−70.87	71.33	1.1078	−1.822	276.4	13 469	33 569	
−1 519c	23 520	23.0	2.43	−68.46	68.51	0.9924	−1.6259	272.0	14 471	34 570	Bm
−1 529c	25 530	29.18	−10.03	−62.21	63.01	0.8125	−1.2882	260.8	15 475	34 573	
−1 539c	27 540	36.29	−22.5	−54.72	59.16	0.702	−1.0385	247.6	15 478	35 577	
−1 544c	28 545	40.0	−28.2	−50.74	58.05	0.6681	−0.9428	240.9	15 479	35 579	
−1 549c	29 550	43.78	−33.39	−46.67	57.38	0.645	−0.8618	234.4	16 480	36 582	
−1 554c	30 555	47.56	−37.89	−42.58	57.0	0.6314	−0.7935	228.3	16 481	36 584	
−1 560c	32 560	54.87	−44.31	−34.66	56.26	0.627	−0.6881	218.0	16 483	37 589	
W0 380	770	90.0	0.0	0.0	0.0	0.9501	−0.4354	0.0	B_C=1,000		
N0 380	770	3.6	0.0	0.0	0.0	0.9501	−0.4354	0.0	x_C=0,000		

eeh11−7n

TUB-test chart eeh1; *Ostwald* optimal colours, Y_N=3,6, Y_W=90, illuminant D65, CIE-02-degree
Table data: *XYZ* and *YABC*$_{AB}$*h*$_{AB}$ with different wavelength ranges