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 D50, 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	32 564	26.33	48.45	66.13	0.1869	0.3438	0.4692	185.2	17 486	38 592	Cm
7 435	33 565	23.41	48.25	52.04	0.1892	0.39	0.4207	168.6	18 490	46 631	
10 450	33 566	20.93	48.75	35.69	0.1986	0.4625	0.3387	144.6	19 497	−1 497c	
12 460	33 567	19.83	49.37	24.66	0.2113	0.5259	0.2626	128.7	21 506	−1 506c	
13 465	33 568	19.81	50.0	19.91	0.2208	0.5572	0.2218	122.1	22 512	−1 512c	
14 470	34 570	19.94	50.5	15.93	0.2308	0.5846	0.1844	116.9	23 519	−1 519c	
15 475	34 573	21.53	52.24	12.71	0.2489	0.604	0.1469	111.4	25 527	−1 527c	Gm
15 480	35 578	24.67	55.34	12.71	0.266	0.5968	0.1371	108.4	26 532	−1 532c	
17 485	37 587	30.59	59.41	8.37	0.3109	0.6039	0.0851	98.0	28 544	−1 544c	
18 490	44 620	53.95	71.6	6.98	0.407	0.5402	0.0526	71.3	32 561	−1 561c	
19 495	−1 495c	67.75	76.06	5.88	0.4525	0.5081	0.0393	54.4	33 568	12 463	max
20 500	−1 500c	67.73	74.76	5.02	0.4591	0.5067	0.034	52.5	33 569	13 466	
22 510	−1 510c	67.65	71.15	3.88	0.4741	0.4986	0.0272	47.4	34 571	14 471	
23 520	−1 519c	67.48	68.78	3.54	0.4826	0.492	0.0253	44.2	34 572	14 473	Ym
25 530	−1 529c	66.65	62.96	3.11	0.5021	0.4743	0.0234	36.4	35 575	15 477	
27 540	−1 539c	64.95	56.11	2.88	0.524	0.4527	0.0232	27.8	35 579	16 480	
28 545	−1 544c	63.73	52.49	2.81	0.5353	0.4409	0.0236	23.4	36 581	16 481	
29 550	−1 549c	62.23	48.77	2.77	0.5469	0.4286	0.0244	19.1	36 583	16 483	
30 555	−1 554c	60.45	45.01	2.74	0.5586	0.4159	0.0254	15.0	37 585	16 484	
32 560	−1 560c	56.05	37.66	2.71	0.5812	0.3905	0.0281	7.7	38 590	17 486	
32 564	1 405	60.44	41.54	8.11	0.5489	0.3773	0.0736	5.2	38 592	17 486	Rm
33 565	7 435	63.36	41.74	22.19	0.4977	0.3279	0.1743	348.6	46 631	18 490	
33 566	10 450	65.84	41.24	38.54	0.452	0.2832	0.2646	324.7	−1 497c	19 497	
33 567	12 460	66.94	40.62	49.58	0.4259	0.2585	0.3155	308.7	−1 506c	21 506	
33 568	13 465	66.96	39.99	54.33	0.4151	0.2479	0.3368	302.1	−1 512c	22 512	
34 570	14 470	66.83	39.49	58.3	0.4059	0.2398	0.3541	296.9	−1 519c	23 519	
34 573	15 475	65.25	37.75	61.53	0.3965	0.2294	0.3739	291.5	−1 527c	25 527	Mm
35 578	15 480	62.1	34.65	61.52	0.3923	0.2189	0.3887	288.5	−1 532c	26 532	
37 587	17 485	56.18	30.58	65.87	0.368	0.2003	0.4315	278.0	−1 544c	28 544	
44 620	18 490	32.82	18.39	67.26	0.277	0.1552	0.5677	251.3	−1 561c	32 561	
−1 495c	19 495	19.02	13.93	68.36	0.1877	0.1375	0.6746	234.4	12 463	33 568	min
−1 500c	20 500	19.04	15.23	69.22	0.1839	0.1471	0.6688	232.5	13 466	33 569	
−1 510c	22 510	19.13	18.84	70.36	0.1765	0.1739	0.6494	227.5	14 471	34 571	
−1 519c	23 520	19.29	21.21	70.7	0.1735	0.1907	0.6357	224.2	14 473	34 572	Bm
−1 529c	25 530	20.12	27.03	71.13	0.1701	0.2285	0.6013	216.5	15 477	35 575	
−1 539c	27 540	21.82	33.88	71.36	0.1717	0.2666	0.5615	207.8	16 480	35 579	
−1 544c	28 545	23.04	37.5	71.42	0.1746	0.2841	0.5412	203.5	16 481	36 581	
−1 549c	29 550	24.54	41.22	71.47	0.1788	0.3004	0.5207	199.2	16 483	36 583	
−1 554c	30 555	26.32	44.98	71.49	0.1843	0.315	0.5006	195.0	16 484	37 585	
−1 560c	32 560	30.72	52.33	71.52	0.1987	0.3385	0.4627	187.7	17 486	38 590	
W0 380	770	86.78	90.0	74.24	0.3457	0.3585	0.2957	0.0			
N0 380	770	3.47	3.6	2.96	0.3457	0.3585	0.2957	0.0			

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Ostwald **optimal colours (o), maximum (m) C_{AB} for D50, 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	32 564	48.45	−50.93	−26.15	57.25	0.5434	−0.5457	207.1	17 486	38 592	Cm
7 435	33 565	48.25	−57.75	−12.23	59.04	0.4851	−0.4313	191.9	18 490	46 631	
10 450	33 566	48.75	−65.15	4.51	65.3	0.4294	−0.2928	176.0	19 497	−1 497c	
12 460	33 567	49.37	−69.39	16.06	71.23	0.4017	−0.1997	166.9	21 506	−1 506c	
13 465	33 568	50.0	−70.98	21.33	74.12	0.3961	−0.1592	163.2	22 512	−1 512c	
14 470	34 570	50.5	−71.87	25.72	76.33	0.3947	−0.1261	160.3	23 519	−1 519c	
15 475	34 573	52.24	−72.08	30.37	78.22	0.412	−0.0973	157.1	25 527	−1 527c	Gm
15 480	35 578	55.34	−71.71	32.93	78.91	0.4456	−0.0919	155.3	26 532	−1 532c	
17 485	37 587	59.41	−66.71	40.63	78.11	0.5148	−0.0563	148.6	28 544	−1 544c	
18 490	44 620	71.6	−37.69	52.07	64.28	0.7534	−0.0389	125.8	32 561	−1 561c	
19 495	−1 495c	76.06	−13.96	56.84	58.53	0.8905	−0.0309	103.7	33 568	12 463	max
20 500	−1 500c	74.76	−10.86	56.63	57.67	0.9058	−0.0268	100.8	33 569	13 466	
22 510	−1 510c	71.15	−2.38	54.8	54.85	0.9505	−0.0218	92.4	34 571	14 471	
23 520	−1 519c	68.78	2.89	53.19	53.27	0.9808	−0.0205	86.8	34 572	14 473	Ym
25 530	−1 529c	62.96	14.87	48.81	51.03	1.0584	−0.0197	73.0	35 575	15 477	
27 540	−1 539c	56.11	27.1	43.4	51.17	1.1571	−0.0205	58.0	35 579	16 480	
28 545	−1 544c	52.49	32.78	40.47	52.09	1.2137	−0.0214	50.9	36 581	16 481	
29 550	−1 549c	48.77	38.02	37.44	53.36	1.2758	−0.0227	44.5	36 583	16 483	
30 555	−1 554c	45.01	42.62	34.37	54.76	1.3427	−0.0244	38.8	37 585	16 484	
32 560	−1 560c	37.66	49.33	28.34	56.89	1.4878	−0.0288	29.8	38 590	17 486	
32 564	1 405	41.54	50.93	26.15	57.26	1.4543	−0.078	27.1	38 592	17 486	Rm
33 565	7 435	41.74	57.75	12.23	59.03	1.5173	−0.2126	11.9	46 631	18 490	
33 566	10 450	41.24	65.14	−4.51	65.29	1.5956	−0.3736	356.0	−1 497c	19 497	
33 567	12 460	40.62	69.38	−16.06	71.22	1.6471	−0.488	346.9	−1 506c	21 506	
33 568	13 465	39.99	70.96	−21.33	74.1	1.6737	−0.5432	343.2	−1 512c	22 512	
34 570	14 470	39.49	71.85	−25.71	76.31	1.6917	−0.5903	340.3	−1 519c	23 519	
34 573	15 475	37.75	72.06	−30.36	78.2	1.7274	−0.6516	337.1	−1 527c	25 527	Mm
35 578	15 480	34.65	71.69	−32.92	78.89	1.7916	−0.7099	335.3	−1 532c	26 532	
37 587	17 485	30.58	66.69	−40.61	78.08	1.8361	−0.861	328.6	−1 544c	28 544	
44 620	18 490	18.39	37.67	−52.05	64.25	1.7832	−1.4618	305.8	−1 561c	32 561	
−1 495c	19 495	13.93	13.95	−56.81	58.5	1.3645	−1.9609	283.7	12 463	33 568	min
−1 500c	20 500	15.23	10.86	−56.61	57.64	1.2492	−1.8165	280.8	13 466	33 569	
−1 510c	22 510	18.84	2.38	−54.78	54.83	1.0145	−1.4926	272.4	14 471	34 571	
−1 519c	23 520	21.21	−2.89	−53.17	53.25	0.9092	−1.3327	266.8	14 473	34 572	Bm
−1 529c	25 530	27.03	−14.86	−48.8	51.01	0.744	−1.0518	253.0	15 477	35 575	
−1 539c	27 540	33.88	−27.1	−43.39	51.16	0.644	−0.8422	238.0	16 480	35 579	
−1 544c	28 545	37.5	−32.78	−40.47	52.08	0.6142	−0.7615	230.9	16 481	36 581	
−1 549c	29 550	41.22	−38.02	−37.44	53.36	0.595	−0.6931	224.5	16 483	36 583	
−1 554c	30 555	44.98	−42.62	−34.37	54.75	0.5849	−0.6355	218.8	16 484	37 585	
−1 560c	32 560	52.33	−49.32	−28.34	56.89	0.5869	−0.5465	209.8	17 486	38 590	
W0 380	770	90.0	0.0	0.0	0.0	0.9639	−0.3298	0.0	B_C=1,000		
N0 380	770	3.6	0.0	0.0	0.0	0.9639	−0.3298	0.0	x_C=0,000		

eeh41−7n

TUB-test chart eeh4; *Ostwald* optimal colours, Y_N=3,6, Y_W=90, illuminant D50, CIE-02-degree
Table data: *XYZ* and *YABC*$_{AB}$*h*$_{AB}$ with different wavelength ranges