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Ostwald optimal colours (o), maximum (m) $C_{AB,10}$ for D50, $Y_{N,10}=3,6$, $Y_{W,10}=90$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	Y_{10}	$A_{1,10}$	$B_{1,10}$	$CA_{1B,10}$	$a_{1,10}$	$b_{1,10}$	$h_{xy,1,10}$	i_d, λ_d	i_c, λ_c	Code		
1	405	31 559	47.0	-50.88	-26.73	57.48	0.228	-0.553	207.7	15 479	37 589	Cm	
7	435	32 561	46.96	-52.93	-10.89	54.04	0.2102	-0.4183	191.6	16 484	58 693		
10	450	32 562	47.28	-54.11	6.28	54.47	0.2033	-0.2723	173.3	18 493	-1 493c		
12	460	32 564	48.08	-53.96	17.62	56.76	0.2122	-0.1789	161.9	20 503	-1 503c		
13	465	33 566	48.62	-53.19	22.52	57.76	0.2235	-0.1402	157.0	22 511	-1 511c		
14	470	34 570	50.16	-51.86	27.47	58.69	0.2476	-0.1064	152.0	24 521	-1 521c		
15	475	35 576	53.3	-48.65	32.91	58.74	0.2959	-0.0785	145.9	26 531	-1 531c	Gm	
16	480	38 590	59.74	-39.64	40.31	56.54	0.3956	-0.0556	134.5	28 543	-1 543c		
17	485	-1 485c	75.24	4.45	54.49	54.67	0.6847	-0.0358	85.3	32 563	11 458		
18	490	-1 490c	74.08	6.93	54.68	55.12	0.6985	-0.0303	82.7	32 564	12 460		
19	495	-1 495c	72.69	9.8	54.39	55.27	0.715	-0.0262	79.7	33 565	12 462	max	
20	500	-1 500c	71.07	13.03	53.69	55.25	0.7344	-0.0233	76.3	33 566	12 464		
21	510	-1 509c	69.2	16.56	52.61	55.16	0.7568	-0.0214	72.5	33 567	13 466		
24	520	-1 520c	62.01	28.43	47.49	55.35	0.8445	-0.0192	59.0	34 571	14 471	Ym	
25	530	-1 529c	59.09	32.53	45.24	55.72	0.8813	-0.0193	54.2	34 573	14 473		
28	540	-1 540c	49.37	43.45	37.51	57.4	1.0131	-0.0216	40.8	35 579	15 476		
29	545	-1 545c	45.94	46.27	34.74	57.86	1.064	-0.023	36.9	36 581	15 477		
29	550	-1 549c	45.94	46.27	34.74	57.86	1.064	-0.023	36.9	36 581	15 477		
31	555	-1 555c	39.06	50.07	29.15	57.94	1.1738	-0.027	30.2	37 587	15 479		
32	560	2 411	35.74	51.14	24.95	56.9	1.2335	-0.0463	26.0	38 591	16 480		
31	559	1 405	42.99	50.88	26.73	57.48	1.1345	-0.0768	27.7	37 589	15 479	Rm	
32	561	7 435	43.03	52.92	10.89	54.03	1.153	-0.2243	11.6	58 693	16 484		
32	562	10 450	42.71	54.1	-6.28	54.46	1.1677	-0.3844	353.3	-1 493c	18 493		
32	564	12 460	41.91	53.95	-17.62	56.75	1.1759	-0.4937	341.9	-1 503c	20 503		
33	566	13 465	41.37	53.18	-22.51	57.75	1.1751	-0.5432	337.0	-1 511c	22 511		
34	570	14 470	39.83	51.84	-27.46	58.67	1.1818	-0.6014	332.0	-1 521c	24 521		
35	576	15 475	36.69	48.64	-32.9	58.72	1.1913	-0.6842	325.9	-1 531c	26 531	Mm	
38	590	16 480	30.25	39.63	-40.3	56.52	1.1851	-0.8584	314.5	-1 543c	28 543		
-1 485c	17 485	14.75	-4.45	-54.46	54.65	0.5404	-1.8023	265.3	11 458	32 563			
-1 490c	18 490	15.91	-6.93	-54.65	55.09	0.4869	-1.699	262.7	12 460	32 564			
-1 495c	19 495	17.3	-9.79	-54.37	55.24	0.4345	-1.5826	259.7	12 462	33 565	min		
-1 500c	20 500	18.92	-13.02	-53.67	55.23	0.3857	-1.4599	256.3	12 464	33 566			
-1 509c	21 510	20.79	-16.56	-52.59	55.14	0.3425	-1.3372	252.5	13 466	33 567			
-1 520c	24 520	27.98	-28.42	-47.48	55.34	0.2547	-1.0044	239.0	14 471	34 571	Bm		
-1 529c	25 530	30.9	-32.52	-45.23	55.71	0.2401	-0.9111	234.2	14 473	34 573			
-1 540c	28 540	40.62	-43.44	-37.51	57.39	0.2333	-0.6948	220.8	15 476	35 579			
-1 545c	29 545	44.05	-46.26	-34.74	57.86	0.241	-0.6409	216.9	15 477	36 581			
-1 549c	29 550	44.05	-46.26	-34.74	57.86	0.241	-0.6409	216.9	15 477	36 581			
-1 555c	31 555	50.93	-50.07	-29.15	57.94	0.2679	-0.5545	210.2	15 479	37 587			
2 411	32 560	54.25	-51.14	-24.95	56.9	0.284	-0.5094	206.0	16 480	38 591			
W0	380	770	89.99	0.0	0.0	0.0	0.6611	-0.3255	0.0	$B_c=1,000$			
N0	380	770	3.59	0.0	0.0	0.0	0.6611	-0.3255	0.0	$x_c=0,110$			

DEJ50-7N

TUB-test chart DEJ5; Ostwald optimal colours, $Y_{N,10}=3,6$, $Y_{W,10}=90$, illuminant D50, CIE-10-degree
Table data: $[YA_1B_1C_{AB,1}h_{AB,1}]_{10}$ and $[YA_2B_2C_{AB,2}h_{AB,2}]_{10}$ with different wavelength ranges

Ostwald optimal colours (o), maximum (m) $C_{AB,10}$ for D50, $Y_{N,10}=3,6$, $Y_{W,10}=90$, $Y_m=520_770$															
i_1, λ_1	i_2, λ_2	Y_{10}	$A_{2,10}$	$B_{2,10}$	$C_{A2B,10}$	$a_{2,10}$	$b_{2,10}$	$h_{xy,2,10}$	i_d, λ_d	i_c, λ_c	Code				
1	405	31 559	47.0	-50.88	-26.73	57.48	0.228	-0.553	207.7	15 479	37 589	Cm			
7	435	32 561	46.96	-52.93	-10.89	54.04	0.2102	-0.4183	191.6	16 484	58 693				
10	450	32 562	47.28	-54.11	6.28	54.47	0.2033	-0.2723	173.3	18 493	-1 493c				
12	460	32 564	48.08	-53.96	17.62	56.76	0.2122	-0.1789	161.9	20 503	-1 503c				
13	465	33 566	48.62	-53.19	22.52	57.76	0.2235	-0.1402	157.0	22 511	-1 511c				
14	470	34 570	50.16	-51.86	27.47	58.69	0.2476	-0.1064	152.0	24 521	-1 521c				
15	475	35 576	53.3	-48.65	32.91	58.74	0.2959	-0.0785	145.9	26 531	-1 531c	Gm			
16	480	38 590	59.74	-39.64	40.31	56.54	0.3956	-0.0556	134.5	28 543	-1 543c				
17	485	-1 485c	75.24	4.45	54.49	54.67	0.6847	-0.0358	85.3	32 563	11 458				
18	490	-1 490c	74.08	6.93	54.68	55.12	0.6985	-0.0303	82.7	32 564	12 460				
19	495	-1 495c	72.69	9.8	54.39	55.27	0.715	-0.0262	79.7	33 565	12 462	max			
20	500	-1 500c	71.07	13.03	53.69	55.25	0.7344	-0.0233	76.3	33 566	12 464				
21	510	-1 509c	69.2	16.56	52.61	55.16	0.7568	-0.0214	72.5	33 567	13 466				
24	520	-1 520c	62.01	28.43	47.49	55.35	0.8445	-0.0192	59.0	34 571	14 471	Ym			
25	530	-1 529c	59.09	32.53	45.24	55.72	0.8813	-0.0193	54.2	34 573	14 473				
28	540	-1 540c	49.37	43.45	37.51	57.4	1.0131	-0.0216	40.8	35 579	15 476				
29	545	-1 545c	45.94	46.27	34.74	57.86	1.064	-0.023	36.9	36 581	15 477				
29	550	-1 549c	45.94	46.27	34.74	57.86	1.064	-0.023	36.9	36 581	15 477				
31	555	-1 555c	39.06	50.07	29.15	57.94	1.1738	-0.027	30.2	37 587	15 479				
32	560	2 411	35.74	51.14	24.95	56.9	1.2335	-0.0463	26.0	38 591	16 480				
31	559	1 405	42.99	50.88	26.73	57.48	1.1345	-0.0768	27.7	37 589	15 479	Rm			
32	561	7 435	43.03	52.92	10.89	54.03	1.153	-0.2243	11.6	58 693	16 484				
32	562	10 450	42.71	54.1	-6.28	54.46	1.1677	-0.3844	353.3	-1 493c	18 493				
32	564	12 460	41.91	53.95	-17.62	56.75	1.1759	-0.4937	341.9	-1 503c	20 503				
33	566	13 465	41.37	53.18	-22.51	57.75	1.1751	-0.5432	337.0	-1 511c	22 511				
34	570	14 470	39.83	51.84	-27.46	58.67	1.1818	-0.6014	332.0	-1 521c	24 521				
35	576	15 475	36.69	48.64	-32.9	58.72	1.1913	-0.6842	325.9	-1 531c	26 531	Mm			
38	590	16 480	30.25	39.63	-40.3	56.52	1.1851	-0.8584	314.5	-1 543c	28 543				
-1 485c	17 485	14.75	-4.45	-54.46	54.65	0.5404	-1.8023	265.3	11 458	32 563					
-1 490c	18 490	15.91	-6.93	-54.65	55.09	0.4869	-1.699	262.7	12 460	32 564					
-1 495c	19 495	17.3	-9.79	-54.37	55.24	0.4345	-1.5826	259.7	12 462	33 565	min				
-1 500c	20 500	18.92	-13.02	-53.67	55.23	0.3857	-1.4599	256.3	12 464	33 566					
-1 509c	21 510	20.79	-16.56	-52.59	55.14	0.3425	-1.3372	252.5	13 466	33 567					
-1 520c	24 520	27.98	-28.42	-47.48	55.34	0.2547	-1.0044	239.0	14 471	34 571	Bm				
-1 529c	25 530	30.9	-32.52	-45.23	55.71	0.2401	-0.9111	234.2	14 473	34 573					
-1 540c	28 540	40.62	-43.44	-37.51	57.39	0.2333	-0.6948	220.8	15 476	35 579					
-1 545c	29 545	44.05	-46.26	-34.74	57.86	0.241	-0.6409	216.9	15 477	36 581					
-1 549c	29 550	44.05	-46.26	-34.74	57.86	0.241	-0.6409	216.9	15 477	36 581					
-1 555c	31 555	50.93	-50.07	-29.15	57.94	0.2679	-0.5545	210.2	15 479	37 587					
2 411	32 560	54.25	-51.14	-24.95	56.9	0.284	-0.5094	206.0	16 480	38 591					
W0	380	770	89.99	0.0	0.0	0.0	0.6611	-0.3255	0.0	$B_c=1,000$					
N0	380	770	3.59	0.0	0.0	0.0	0.6611	-0.3255	0.0	$x_c=0,110$					