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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 ₁	B ₁	CA1B1	a ₁	b ₁	h _{xy,1}	i _d , λ _d	i _c , λ _c	Code			
0 405	32 561	48.4	-48.88	-34.88	60.05	0.2119	-0.7237	215.5	16 483	37 589	Cm			
6 435	32 562	48.95	-51.61	-19.21	55.07	0.1941	-0.5924	200.4	17 486	42 610				
10 450	32 563	49.59	-55.42	9.74	56.27	0.1689	-0.3568	170.0	19 496	-1 496c				
12 460	33 565	49.94	-56.27	24.38	61.32	0.1652	-0.2401	156.5	21 505	-1 505c				
12 465	33 567	51.15	-56.31	25.7	61.9	0.1756	-0.2344	155.4	21 506	-1 506c				
14 470	33 569	52.23	-55.65	37.79	67.27	0.1897	-0.146	145.8	24 520	-1 520c				
15 475	34 573	54.1	-54.18	43.77	69.66	0.2153	-0.1118	141.0	25 528	-1 528c Gm				
16 480	36 580	57.45	-51.07	50.41	71.76	0.2603	-0.0844	135.3	27 537	-1 537c				
17 485	39 595	64.35	-40.27	60.12	72.37	0.3656	-0.0617	123.8	29 548	-1 548c				
18 490	-1 490c	76.18	-0.33	74.63	74.63	0.6141	-0.0435	90.2	33 565	11 459	max			
19 495	-1 495c	75.01	2.04	74.61	74.64	0.6268	-0.0375	88.4	33 566	12 462				
20 500	-1 500c	73.55	4.93	73.99	74.15	0.6427	-0.033	86.1	33 567	12 464				
22 510	-1 510c	69.55	12.32	70.91	71.97	0.6867	-0.0276	80.1	33 569	13 469				
23 520	-1 519c	66.99	16.66	68.49	70.49	0.7154	-0.0264	76.3	34 570	14 471	Ym			
25 530	-1 529c	60.81	26.04	62.23	67.46	0.7872	-0.0261	67.2	34 573	15 475				
27 540	-1 539c	53.7	35.08	54.73	65.01	0.8772	-0.0278	57.3	35 577	15 478				
28 545	-1 544c	49.99	39.06	50.75	64.04	0.9284	-0.0293	52.4	35 579	15 479				
29 550	-1 549c	46.21	42.56	46.68	63.17	0.9843	-0.0314	47.6	36 582	16 480				
30 555	-1 554c	42.43	45.44	42.59	62.28	1.0443	-0.0339	43.1	36 584	16 481				
32 560	-1 560c	35.12	48.98	34.66	60.0	1.1736	-0.0406	35.2	37 589	16 483				
32 561	0 405	41.59	48.88	34.88	60.06	1.086	-0.0999	35.5	37 589	16 483	Rm			
32 562	6 435	41.04	51.61	19.21	55.07	1.1189	-0.2481	20.4	42 610	17 486				
32 563	10 450	40.4	55.41	-9.74	56.26	1.1645	-0.5318	350.0	-1 496c	19 496				
33 565	12 460	40.05	56.25	-24.38	61.31	1.1777	-0.6789	336.5	-1 505c	21 505				
33 567	12 465	38.84	56.29	-25.69	61.88	1.1956	-0.7	335.4	-1 506c	21 506				
33 569	14 470	37.76	55.63	-37.78	67.25	1.2052	-0.8356	325.8	-1 520c	24 520				
34 573	15 475	35.89	54.17	-43.76	69.63	1.2196	-0.9231	321.0	-1 528c	25 528	Mm			
36 580	16 480	32.54	51.05	-50.39	71.73	1.2433	-1.0547	315.3	-1 537c	27 537				
39 595	17 485	25.64	40.25	-60.1	72.33	1.2439	-1.373	303.8	-1 548c	29 548				
-1 490c	18 490	13.81	0.33	-74.58	74.58	0.6255	-2.5947	270.2	11 459	33 565	min			
-1 495c	19 495	14.98	-2.04	-74.56	74.59	0.5613	-2.4259	268.4	12 462	33 566				
-1 500c	20 500	16.44	-4.93	-73.95	74.11	0.4959	-2.2338	266.1	12 464	33 567				
-1 510c	22 510	20.44	-12.31	-70.87	71.94	0.3749	-1.822	260.1	13 469	33 569				
-1 519c	23 520	23.0	-16.66	-68.46	70.46	0.3262	-1.6259	256.3	14 471	34 570	Bm			
-1 529c	25 530	29.18	-26.04	-62.21	67.44	0.2589	-1.2882	247.2	15 475	34 573				
-1 539c	27 540	36.29	-35.07	-54.72	64.99	0.2292	-1.0385	237.3	15 478	35 577				
-1 544c	28 545	40.0	-39.05	-50.74	64.03	0.2253	-0.9428	232.4	15 479	35 579				
-1 549c	29 550	43.78	-42.55	-46.67	63.16	0.2271	-0.8618	227.6	16 480	36 582				
-1 554c	30 555	47.56	-45.44	-42.58	62.27	0.2337	-0.7935	223.1	16 481	36 584				
-1 560c	32 560	54.87	-48.97	-34.66	60.0	0.2588	-0.6881	215.2	16 483	37 589				
W0 380	770	90.0	0.0	0.0	0.0	0.6159	-0.4354	0.0	B _c =1,000					
N0 380	770	3.6	0.0	0.0	0.0	0.6159	-0.4354	0.0	x _c =0,110					

DEF20-7N

TUB-test chart DEF2; Ostwald optimal colours, Y_N=3,6, Y_W=90, illuminant D65, CIE-02-degree
Table data: YA₁B₁C_{AB,1}h_{AB,1} and YA₂B₂C_{AB,2}h_{AB,2} with different wavelength ranges

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 ₂	B _{c2}	C _{A2B2}	a ₂	b ₂	h _{xy,2}	i _d , λ _d	i _c , λ _c	Code	
0 405	32 561	48.4	-48.88	-27.9	56.29	0.2119	-0.7237	209.7	16 483	37 589	Cm	
6 435	32 562	48.95	-51.61	-15.37	53.85	0.1941	-0.5924	196.5	17 486	42 610		
10 450	32 563	49.59	-55.42	7.79	55.97	0.1689	-0.3568	171.9	19 496	-1 496c		
12 460	33 565	49.94	-56.27	19.51	59.55	0.1652	-0.2401	160.8	21 505	-1 505c		
12 465	33 567	51.15	-56.31	20.56	59.94	0.1756	-0.2344	159.9	21 506	-1 506c		
14 470	33 569	52.23	-55.65	30.23	63.33	0.1897	-0.146	151.4	24 520	-1 520c		
15 475	34 573	54.1	-54.18	35.02	64.52	0.2153	-0.1118	147.1	25 528	-1 528c	Gm	
16 480	36 580	57.45	-51.07	40.33	65.07	0.2603	-0.0844	141.7	27 537	-1 537c		
17 485	39 595	64.35	-40.27	48.1	62.73	0.3656	-0.0617	129.9	29 548	-1 548c		
18 490	-1 490c	76.18	-0.33	59.7	59.7	0.6141	-0.0435	90.3	33 565	11 459	max	
19 495	-1 495c	75.01	2.04	59.69	59.72	0.6268	-0.0375	88.0	33 566	12 462		
20 500	-1 500c	73.55	4.93	59.19	59.4	0.6427	-0.033	85.2	33 567	12 464		
22 510	-1 510c	69.55	12.32	56.73	58.05	0.6867	-0.0276	77.7	33 569	13 469		
23 520	-1 519c	66.99	16.66	54.79	57.27	0.7154	-0.0264	73.0	34 570	14 471	Ym	
25 530	-1 529c	60.81	26.04	49.78	56.18	0.7872	-0.0261	62.3	34 573	15 475		
27 540	-1 539c	53.7	35.08	43.78	56.1	0.8772	-0.0278	51.2	35 577	15 478		
28 545	-1 544c	49.99	39.06	40.6	56.34	0.9284	-0.0293	46.1	35 579	15 479		
29 550	-1 549c	46.21	42.56	37.34	56.62	0.9843	-0.0314	41.2	36 582	16 480		
30 555	-1 554c	42.43	45.44	34.07	56.8	1.0443	-0.0339	36.8	36 584	16 481		
32 560	-1 560c	35.12	48.98	27.73	56.28	1.1736	-0.0406	29.5	37 589	16 483		
32 561	0 405	41.59	48.88	27.91	56.29	1.086	-0.0999	29.7	37 589	16 483	Rm	
32 562	6 435	41.04	51.61	15.36	53.85	1.1189	-0.2481	16.5	42 610	17 486		
32 563	10 450	40.4	55.41	-7.79	55.96	1.1645	-0.5318	351.9	-1 496c	19 496		
33 565	12 460	40.05	56.25	-19.5	59.54	1.1777	-0.6789	340.8	-1 505c	21 505		
33 567	12 465	38.84	56.29	-20.55	59.93	1.1956	-0.7	339.9	-1 506c	21 506		
33 569	14 470	37.76	55.63	-30.22	63.32	1.2052	-0.8356	331.4	-1 520c	24 520		
34 573	15 475	35.89	54.17	-35.0	64.49	1.2196	-0.9231	327.1	-1 528c	25 528	Mm	
36 580	16 480	32.54	51.05	-40.31	65.05	1.2433	-1.0547	321.7	-1 537c	27 537		
39 595	17 485	25.64	40.25	-48.08	62.7	1.2439	-1.373	309.9	-1 548c	29 548		
-1 490c	18 490	13.81	0.33	-59.66	59.66	0.6255	-2.5947	270.3	11 459	33 565	min	
-1 495c	19 495	14.98	-2.04	-59.65	59.68	0.5613	-2.4259	268.0	12 462	33 566		
-1 500c	20 500	16.44	-4.93	-59.16	59.36	0.4959	-2.2338	265.2	12 464	33 567		
-1 510c	22 510	20.44	-12.31	-56.7	58.02	0.3749	-1.822	257.7	13 469	33 569		
-1 519c	23 520	23.0	-16.66	-54.77	57.25	0.3262	-1.6259	253.0	14 471	34 570	Bm	
-1 529c	25 530	29.18	-26.04	-49.77	56.17	0.2589	-1.2882	242.3	15 475	34 573		
-1 539c	27 540	36.29	-35.07	-43.77	56.09	0.2292	-1.0385	231.2	15 478	35 577		
-1 544c	28 545	40.0	-39.05	-40.59	56.33	0.2253	-0.9428	226.1	15 479	35 579		
-1 549c	29 550	43.78	-42.55	-37.33	56.61	0.2271	-0.8618	221.2	16 480	36 582		
-1 554c	30 555	47.56	-45.44	-34.06	56.79	0.2337	-0.7935	216.8	16 481	36 584		
-1 560c	32 560	54.87	-48.97	-27.73	56.28	0.2588	-0.6881	209.5	16 483	37 589		
W0 380	770	90.0	0.0	0.0	0.0	0.6159	-0.3483	0.0	B _c =0,800			
N0 380	770	3.6	0.0	0.0	0.0	0.6159	-0.3483	0.0	x _c =0,110			