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Ostwald optimal colours (o), maximum (m) C _{AB} for D65, Y _N =0, Y _W =100, Y _m =520_770												
i ₁ , λ ₁	i ₂ , λ ₂	Y	A ₁	B ₁	C _{AB,1}	a ₁	b ₁	h _{xy,1}	i _d , λ _d	i _c , λ _c	Code	
0 405	32 561	53.78	-54.31	-38.76	66.72	0.2119	-0.7237	215.5	16 483	37 589	Cm	
6 435	32 562	54.39	-57.35	-21.34	61.19	0.1941	-0.5924	200.4	17 486	42 610		
10 450	32 563	55.1	-61.58	10.82	62.52	0.1689	-0.3568	170.0	19 496	-1 496c		
12 460	33 565	55.49	-62.52	27.09	68.14	0.1652	-0.2401	156.5	21 505	-1 505c		
12 465	33 567	56.83	-62.56	28.55	68.77	0.1756	-0.2344	155.4	21 506	-1 506c		
14 470	33 569	58.03	-61.84	41.99	74.75	0.1897	-0.146	145.8	24 520	-1 520c	Gm	
15 475	34 573	60.12	-60.2	48.63	77.4	0.2153	-0.1118	141.0	25 528	-1 528c		
16 480	36 580	63.83	-56.74	56.01	79.73	0.2603	-0.0844	135.3	27 537	-1 537c		
17 485	39 595	71.51	-44.75	66.8	80.41	0.3656	-0.0617	123.8	29 548	-1 548c		
18 490	-1 490c	84.64	-0.37	82.92	82.92	0.6141	-0.0435	90.2	33 565	11 459	max	
19 495	-1 495c	83.35	2.27	82.9	82.93	0.6268	-0.0375	88.4	33 566	12 462		
20 500	-1 500c	81.72	5.48	82.21	82.39	0.6427	-0.033	86.1	33 567	12 464		
22 510	-1 510c	77.28	13.69	78.79	79.97	0.6867	-0.0276	80.1	33 569	13 469		
23 520	-1 519c	74.43	18.52	76.1	78.32	0.7154	-0.0264	76.3	34 570	14 471	Ym	
25 530	-1 529c	67.57	28.94	69.14	74.95	0.7872	-0.0261	67.2	34 573	15 475		
27 540	-1 539c	59.67	38.98	60.81	72.23	0.8772	-0.0278	57.3	35 577	15 478		
28 545	-1 544c	55.55	43.4	56.39	71.16	0.9284	-0.0293	52.4	35 579	15 479		
29 550	-1 549c	51.35	47.29	51.86	70.18	0.9843	-0.0314	47.6	36 582	16 480		
30 555	-1 554c	47.14	50.49	47.32	69.2	1.0443	-0.0339	43.1	36 584	16 481		
32 560	-1 560c	39.03	54.42	38.52	66.67	1.1736	-0.0406	35.2	37 589	16 483		
32 561	0 405	46.21	54.32	38.76	66.73	1.086	-0.0999	35.5	37 589	16 483	Rm	
32 562	6 435	45.6	57.35	21.34	61.19	1.1189	-0.2481	20.4	42 610	17 486		
32 563	10 450	44.89	61.57	-10.82	62.51	1.1645	-0.5318	350.0	-1 496c	19 496		
33 565	12 460	44.5	62.5	-27.09	68.12	1.1777	-0.6789	336.5	-1 505c	21 505		
33 567	12 465	43.16	62.55	-28.55	68.76	1.1956	-0.7	335.4	-1 506c	21 506		
33 569	14 470	41.96	61.82	-41.98	74.72	1.2052	-0.8356	325.8	-1 520c	24 520	Mm	
34 573	15 475	39.87	60.18	-48.62	77.37	1.2196	-0.9231	321.0	-1 528c	25 528		
36 580	16 480	36.16	56.72	-55.99	79.7	1.2433	-1.0547	315.3	-1 537c	27 537		
39 595	17 485	28.48	44.72	-66.77	80.37	1.2439	-1.373	303.8	-1 548c	29 548		
-1 490c	18 490	15.35	0.37	-82.86	82.86	0.6255	-2.5947	270.2	11 459	33 565	min	
-1 495c	19 495	16.64	-2.27	-82.85	82.88	0.5613	-2.4259	268.4	12 462	33 566		
-1 500c	20 500	18.27	-5.48	-82.16	82.35	0.4959	-2.2338	266.1	12 464	33 567		
-1 510c	22 510	22.71	-13.68	-78.75	79.93	0.3749	-1.822	260.1	13 469	33 569		
-1 519c	23 520	25.56	-18.51	-76.07	78.29	0.3262	-1.6259	256.3	14 471	34 570	Bm	
-1 529c	25 530	32.42	-28.93	-69.12	74.93	0.2589	-1.2882	247.2	15 475	34 573		
-1 539c	27 540	40.32	-38.97	-60.8	72.22	0.2292	-1.0385	237.3	15 478	35 577		
-1 544c	28 545	44.44	-43.39	-56.38	71.15	0.2253	-0.9428	232.4	15 479	35 579		
-1 549c	29 550	48.64	-47.28	-51.85	70.17	0.2271	-0.8618	227.6	16 480	36 582		
-1 554c	30 555	52.85	-50.48	-47.31	69.19	0.2337	-0.7935	223.1	16 481	36 584		
-1 560c	32 560	60.96	-54.41	-38.51	66.67	0.2588	-0.6881	215.2	16 483	37 589		
W0 380	770	100.0	0.0	0.0	0.0	0.6159	-0.4354	0.0	B _c =1,000			
N0 380	770	4.0	0.0	0.0	0.0	0.6159	-0.4354	0.0	x _c =0,110			

CEW20-7N

TUB-test chart CEW2; Hue circle of the Ostwald optimal colours with Y values, $Y_N=0,0$, $Y_W=100$
Data: $YA_1B_1C_{AB,1}h_{AB,1}$ and $YA_2B_2C_{AB,2}h_{AB,2}$ as table with different wavelength, D65-02

Ostwald optimal colours (o), maximum (m) C _{AB} for D65, Y _N =0, Y _W =100, Y _m =520_770												
i ₁ , λ ₁	i ₂ , λ ₂	Y	A ₂	B ₂	C _{AB,2}	a ₂	b ₂	h _{xy,2}	i _d , λ _d	i _c , λ _c	Code	
0	405	32 561	53.78	-54.31	-31.0	62.54	0.2119	-0.7237 209.7	16 483	37 589	Cm	
6	435	32 562	54.39	-57.35	-17.07	59.84	0.1941	-0.5924 196.5	17 486	42 610		
10	450	32 563	55.1	-61.58	8.66	62.18	0.1689	-0.3568 171.9	19 496	-1 496c		
12	460	33 565	55.49	-62.52	21.67	66.17	0.1652	-0.2401 160.8	21 505	-1 505c		
12	465	33 567	56.83	-62.56	22.84	66.6	0.1756	-0.2344 159.9	21 506	-1 506c		
14	470	33 569	58.03	-61.84	33.59	70.37	0.1897	-0.146 151.4	24 520	-1 520c	Gm	
15	475	34 573	60.12	-60.2	38.91	71.68	0.2153	-0.1118 147.1	25 528	-1 528c		
16	480	36 580	63.83	-56.74	44.81	72.3	0.2603	-0.0844 141.7	27 537	-1 537c		
17	485	39 595	71.51	-44.75	53.44	69.7	0.3656	-0.0617 129.9	29 548	-1 548c		
18	490	-1 490c	84.64	-0.37	66.34	66.34	0.6141	-0.0435 90.3	33 565	11 459	max	
19	495	-1 495c	83.35	2.27	66.32	66.36	0.6268	-0.0375 88.0	33 566	12 462		
20	500	-1 500c	81.72	5.48	65.77	66.0	0.6427	-0.033 85.2	33 567	12 464		
22	510	-1 510c	77.28	13.69	63.03	64.5	0.6867	-0.0276 77.7	33 569	13 469		
23	520	-1 519c	74.43	18.52	60.88	63.64	0.7154	-0.0264 73.0	34 570	14 471	Ym	
25	530	-1 529c	67.57	28.94	55.31	62.43	0.7872	-0.0261 62.3	34 573	15 475		
27	540	-1 539c	59.67	38.98	48.65	62.34	0.8772	-0.0278 51.2	35 577	15 478		
28	545	-1 544c	55.55	43.4	45.11	62.6	0.9284	-0.0293 46.1	35 579	15 479		
29	550	-1 549c	51.35	47.29	41.49	62.91	0.9843	-0.0314 41.2	36 582	16 480		
30	555	-1 554c	47.14	50.49	37.85	63.11	1.0443	-0.0339 36.8	36 584	16 481		
32	560	-1 560c	39.03	54.42	30.81	62.54	1.1736	-0.0406 29.5	37 589	16 483		
32	561	0 405	46.21	54.32	31.01	62.54	1.086	-0.0999 29.7	37 589	16 483	Rm	
32	562	6 435	45.6	57.35	17.07	59.84	1.1189	-0.2481 16.5	42 610	17 486		
32	563	10 450	44.89	61.57	-8.65	62.17	1.1645	-0.5318 351.9	-1 496c	19 496		
33	565	12 460	44.5	62.5	-21.67	66.15	1.1777	-0.6789 340.8	-1 505c	21 505		
33	567	12 465	43.16	62.55	-22.84	66.59	1.1956	-0.7 339.9	-1 506c	21 506		
33	569	14 470	41.96	61.82	-33.58	70.35	1.2052	-0.8356 331.4	-1 520c	24 520	Mm	
34	573	15 475	39.87	60.18	-38.89	71.66	1.2196	-0.9231 327.1	-1 528c	25 528		
36	580	16 480	36.16	56.72	-44.79	72.27	1.2433	-1.0547 321.7	-1 537c	27 537		
39	595	17 485	28.48	44.72	-53.42	69.67	1.2439	-1.373 309.9	-1 548c	29 548		
-1 490c	18 490	15.35	0.37	-66.29	66.29	0.6255	-2.5947 270.3	11 459	33 565	min		
-1 495c	19 495	16.64	-2.27	-66.28	66.32	0.5613	-2.4259 268.0	12 462	33 566			
-1 500c	20 500	18.27	-5.48	-65.73	65.96	0.4959	-2.2338 265.2	12 464	33 567			
-1 510c	22 510	22.71	-13.68	-63.0	64.47	0.3749	-1.822 257.7	13 469	33 569			
-1 519c	23 520	25.56	-18.51	-60.86	63.61	0.3262	-1.6259 253.0	14 471	34 570	Bm		
-1 529c	25 530	32.42	-28.93	-55.3	62.41	0.2589	-1.2882 242.3	15 475	34 573			
-1 539c	27 540	40.32	-38.97	-48.64	62.32	0.2292	-1.0385 231.2	15 478	35 577			
-1 544c	28 545	44.44	-43.39	-45.1	62.59	0.2253	-0.9428 226.1	15 479	35 579			
-1 549c	29 550	48.64	-47.28	-41.48	62.9	0.2271	-0.8618 221.2	16 480	36 582			
-1 554c	30 555	52.85	-50.48	-37.85	63.1	0.2337	-0.7935 216.8	16 481	36 584			
-1 560c	32 560	60.96	-54.41	-30.81	62.53	0.2588	-0.6881 209.5	16 483	37 589			
W0	380	770	100.0	0.0	0.0	0.0	0.6159	-0.3483 0.0	B _c =0,800			
N0	380	770	4.0	0.0	0.0	0.0	0.6159	-0.3483 0.0	x _c =0,110			