***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

***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		

CEW21−7N

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