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	C_{A1B1}	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		

eeh20−7n

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		

eeh21−7n

TUB-test chart eeh2; *Ostwald* optimal colours, Y_N=3,6, Y_W=90, illuminant D65, CIE-02-degree
Table data: $YA_1B_1C_{AB,1}h_{AB,1}$ and $YA_2B_2C_{AB,2}h_{AB,2}$ with different wavelength ranges