

Ostwald optimal colours (o) of maximum (m) C_{AB} for D65, $Y_w=88.6$, $Y_m=520.770$

i_1	λ_1	i_2	λ_2	X	Y	Z	x	y	z	h_{xy}	i_d	i_d	λ_d	Code	
0	405	32	561	28.85	51.56	95.79	0.1637	0.2926	0.5436	193.7	16	483	37 589	Cm	
6	435	32	562	25.77	52.08	78.6	0.1647	0.3328	0.5023	178.4	17	486	42 610		
10	450	32	563	20.31	52.64	46.4	0.1702	0.441	0.3887	141.8	19	496	-1 496c		
12	460	33	565	18.49	53.43	30.14	0.1812	0.5234	0.2952	124.0	21	505	-1 505c		
12	465	33	567	19.45	54.62	30.14	0.1866	0.5241	0.2892	122.8	21	506	-1 506c		
14	470	33	569	19.02	55.56	17.7	0.206	0.604	0.1918	111.3	24	520	-1 520c		
15	475	34	573	21.05	57.84	13.21	0.2285	0.6279	0.1434	105.6	25	528	-1 528c	Gm	
16	480	36	580	25.69	61.97	9.79	0.2636	0.6358	0.1005	99.0	27	537	-1 537c		
17	485	39	595	37.3	69.76	7.29	0.3261	0.6099	0.0638	87.2	29	548	-1 548c		
18	490	-1 490c	68.29	83.1	5.43	0.4354	0.5298	0.0346	58.5	33	565	11 459	max		
19	495	-1 495c	68.25	81.77	4.0	0.4431	0.5308	0.026	57.1	33	566	12 462			
20	500	-1 500c	68.23	80.1	2.89	0.4511	0.5296	0.0191	55.3	33	567	12 464			
22	510	-1 510c	68.12	75.54	1.45	0.4694	0.5205	0.01	50.7	33	569	13 469			
23	520	-1 519c	67.91	72.63	1.03	0.4797	0.513	0.0072	47.7	34	570	14 471	Ym		
25	530	-1 529c	66.91	65.59	0.51	0.503	0.4931	0.0038	40.7	34	573	15 475			
27	540	-1 539c	64.9	57.49	0.23	0.5292	0.4688	0.0019	32.8	35	577	15 478			
28	545	-1 544c	63.48	53.27	0.16	0.5429	0.4556	0.0014	28.7	35	579	15 479			
29	550	-1 549c	61.75	48.96	0.11	0.5571	0.4417	0.001	24.7	36	582	16 480			
30	555	-1 554c	59.71	44.65	0.08	0.5716	0.4274	0.0008	20.8	36	584	16 481			
32	560	-1 560c	54.73	36.33	0.05	0.6007	0.3987	0.0005	13.6	37	589	16 483	Rm		
32	561	0	405	66.18	48.43	13.1	0.5182	0.3792	0.1025	13.7	37	589	16 483		
32	562	6	435	69.27	47.91	30.28	0.4697	0.3249	0.2053	358.4	42	610	17 486		
32	563	10	450	74.73	47.33	62.49	0.4048	0.2565	0.3385	321.8	-1 496c	19 496			
33	565	12	460	76.54	46.56	78.74	0.3792	0.2306	0.3901	304.1	-1 505c	21 505			
33	567	12	465	75.59	45.37	78.74	0.3785	0.2271	0.3942	302.9	-1 506c	21 506			
33	569	14	470	76.02	44.43	91.18	0.3592	0.2099	0.4308	291.3	-1 520c	24 520			
34	573	15	475	73.98	42.15	95.67	0.3492	0.199	0.4516	285.7	-1 528c	25 528	Mm		
36	580	16	480	69.34	38.02	99.09	0.3358	0.1841	0.4799	279.1	-1 537c	27 537			
39	595	17	485	57.73	30.23	101.59	0.3045	0.1594	0.5359	267.2	-1 548c	29 548			
-1 490c	490	18	490	26.74	16.89	103.45	0.1818	0.1148	0.7032	238.5	11 459	33 565	min		
-1 495c	19	495	26.79	18.22	104.88	0.1787	0.1215	0.6996	237.1	12 462	33 566				
-1 500c	20	500	26.81	19.89	105.99	0.1755	0.1302	0.6941	235.4	12 464	33 567				
-1 510c	22	510	26.92	24.45	107.43	0.1695	0.1539	0.6765	230.7	13 469	33 569				
-1 519c	23	520	27.12	27.36	107.85	0.167	0.1685	0.6643	227.7	14 471	34 570	Bm			
-1 529c	25	530	28.12	34.4	108.38	0.1645	0.2012	0.6341	220.7	15 475	34 573				
-1 539c	27	540	30.13	42.5	108.65	0.1662	0.2344	0.5993	212.8	15 478	35 577				
-1 544c	28	545	31.55	46.72	108.72	0.1687	0.2498	0.5813	208.8	15 479	35 579				
-1 549c	29	550	33.29	51.03	108.77	0.1723	0.2643	0.5632	204.7	16 480	36 582				
-1 554c	30	555	35.32	55.34	108.8	0.1771	0.2774	0.5454	200.8	16 481	36 584				
-1 560c	32	560	40.31	63.66	108.84	0.1894	0.2991	0.5114	193.6	16 483	37 589				
380	770	84.19	88.59	96.46	0.3127	0.329	0.3582	0.0							

1-000030-1.0

BE310-TN_16

TUB-test chart BE31; CIE (x, y) and chromaticities (a_1 , b_1)
Ostwald optimal colours for illuminant D65; diagram for illuminant D65, $Y_w=88.6$

input: w/rgb/cmyk -> rgb

