

Ostwald optimal colours (o) of maximum (m) C_{AB} for D65, $Y_w=100$, $Y_m=520$, 770

i_1	λ_1	i_2	λ_2	X	Y	Z	x	y	z	h_{xy}	i_d	λ_d	i_c	λ_c	Code
0	405	32	561	32.21	57.55	106.92	0.1637	0.2926	0.5436	193.7	16	483	37	589	Cm
7	435	32	562	27.17	58.04	79.81	0.1646	0.3517	0.4836	171.2	17	488	-1	488c	
9	450	32	563	24.47	58.99	61.43	0.1688	0.4071	0.4239	151.4	18	493	-1	493c	
11	460	33	565	22.13	60.01	42.4	0.1776	0.4818	0.3404	131.4	20	501	-1	501c	
13	465	33	567	20.5	60.53	26.03	0.1914	0.5653	0.2431	117.1	22	512	-1	512c	
14	470	33	569	21.23	62.02	19.76	0.206	0.602	0.1918	111.3	24	520	-1	520c	
15	475	34	573	23.5	64.56	14.73	0.2285	0.6279	0.1434	105.6	25	528	-1	528c	Gm
16	480	36	580	28.68	69.17	10.95	0.2636	0.6358	0.1005	99.0	27	537	-1	537c	
17	485	39	595	41.64	77.87	8.14	0.3261	0.6099	0.0638	87.2	29	548	-1	548c	
18	490	-1	490c	76.23	92.76	6.07	0.4354	0.5298	0.0346	58.5	33	565	11	459	max
18	495	-1	494c	76.23	92.76	6.07	0.4354	0.5298	0.0346	58.5	33	565	11	459	
20	500	-1	500c	76.16	89.41	3.23	0.4511	0.5296	0.0191	55.3	33	567	12	464	
21	510	-1	509c	76.13	87.1	2.29	0.4599	0.5262	0.0138	53.2	33	568	13	467	
23	520	-1	519c	75.81	81.07	1.15	0.4797	0.513	0.0072	47.7	34	570	14	471	Ym
25	530	-1	529c	74.69	73.22	0.56	0.503	0.4931	0.0038	40.7	34	573	15	475	
28	540	-1	540c	70.86	59.46	0.18	0.5429	0.4556	0.0014	28.7	35	579	15	479	
29	545	-1	545c	68.93	54.65	0.12	0.5571	0.4417	0.001	24.7	36	582	16	480	
30	550	-1	550c	66.65	49.84	0.09	0.5716	0.4274	0.0008	20.8	36	584	16	481	
31	555	-1	555c	64.04	45.12	0.07	0.5862	0.4131	0.0006	17.0	37	586	16	482	
31	560	-1	559c	64.04	45.12	0.07	0.5862	0.4131	0.0006	17.0	37	586	16	482	
32	561	0	405	61.77	41.32	0.75	0.5948	0.3979	0.0072	13.7	37	589	16	483	Rm
32	562	7	435	66.8	40.83	27.85	0.493	0.3013	0.2055	35.12	-1	488c	17	488	
32	563	9	450	69.51	39.89	46.24	0.4466	0.2562	0.297	33.15	-1	493c	18	493	
33	565	11	460	71.85	38.86	65.27	0.4082	0.2208	0.3708	31.14	-1	501c	20	501	
33	567	13	465	73.48	38.35	81.64	0.3797	0.1982	0.4219	29.71	-1	512c	22	512	
33	569	14	470	72.75	36.85	87.91	0.3683	0.1865	0.445	29.13	-1	520c	24	520	
34	573	15	475	70.48	34.31	92.92	0.3564	0.1735	0.4699	28.57	-1	528c	25	528	Mm
36	580	16	480	65.3	29.7	96.74	0.3405	0.1549	0.5045	27.91	-1	537c	27	537	
39	595	17	485	52.33	21.10	99.53	0.3027	0.1215	0.5757	26.72	-1	548c	29	548	
-1	490c	18	490	17.75	6.12	101.6	0.1414	0.4087	0.8097	238.5	11	459	33	565	min
-1	494c	18	495	17.75	6.12	101.6	0.1414	0.4087	0.8097	238.5	11	459	33	565	
-1	500c	20	500	17.82	9.47	104.44	0.1352	0.0719	0.7928	235.4	12	464	33	567	
-1	509c	21	510	17.85	11.77	105.37	0.1322	0.0872	0.7805	233.2	13	467	33	568	
-1	519c	23	520	18.17	17.8	106.52	0.1275	0.1249	0.7475	227.7	14	471	34	570	Bm
-1	529c	25	530	19.29	25.66	107.1	0.1268	0.1687	0.7043	220.7	15	475	34	573	
-1	540c	28	540	23.12	39.42	107.49	0.1359	0.2318	0.6321	208.8	15	479	35	579	
-1	545c	29	545	25.05	44.23	107.54	0.1416	0.2501	0.6081	204.7	16	480	36	582	
-1	550c	30	550	27.33	49.04	107.58	0.1485	0.2665	0.5848	200.8	16	481	36	584	
-1	555c	31	555	29.94	53.75	107.6	0.1565	0.2809	0.5624	197.0	16	482	37	586	
-1	559c	31	560	29.94	53.75	107.6	0.1565	0.2809	0.5624	197.0	16	482	37	586	
380	770	93.98	98.88	107.67	0.3127	0.329	0.3582	0.0							

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CE70-TN

TUB-test chart CE70; CIE (x, y) and chromaticities (a_1 , b_1)
Ostwald optimal colours for illuminant D65; diagram for illuminant D65, $Y_w=100$

input: w/rgb/cmyk -> rgb

