

Ostwald optimal colours (o) of maximum (m) C_{AB} for P60, $Y_w=100$, $Y_m=520$, 770

i ₁	λ ₁	i ₂	λ ₂	X	Y	Z	x	y	z	h_{xy}	i ₄	λ ₄	i _c	λ _c	Code
0	405	32	563	32.54	57.75	103.62	0.1678	0.2978	0.5343	192.3	16	483	38	590	Cm
6	435	32	563	28.58	58.29	82.04	0.1692	0.345	0.4856	174.9	17	487	44	621	
10	450	33	565	22.8	58.9	47.87	0.1759	0.4545	0.3694	139.8	19	497	-1	497c	
11	460	33	566	22.48	60.12	39.44	0.1842	0.4925	0.3231	130.4	20	502	-1	502c	
13	465	33	568	21.08	60.68	24.55	0.1982	0.5707	0.2309	117.2	22	513	-1	513c	
14	470	34	570	21.89	62.18	18.77	0.2129	0.6045	0.1825	111.7	24	521	-1	521c	
15	475	34	574	24.2	64.7	14.16	0.2348	0.6277	0.1374	106.3	25	529	-1	529c	Gm
15	480	36	580	29.74	69.95	14.17	0.2611	0.6134	0.1245	102.0	27	535	-1	535c	
17	485	39	595	42.39	78.0	7.95	0.3303	0.6077	0.0619	88.2	29	549	-1	549c	
18	490	-1	490c	79.69	94.22	5.93	0.4431	0.5238	0.0329	57.7	33	566	11	459	max
19	495	-1	495c	79.65	92.78	4.38	0.4504	0.5247	0.0247	56.3	33	567	12	461	
20	500	-1	500c	79.63	90.97	3.18	0.4582	0.5234	0.0183	54.5	33	568	12	464	
22	510	-1	510c	79.5	85.98	1.6	0.4758	0.5145	0.0095	49.9	34	570	13	469	
24	520	-1	520c	78.85	79.07	0.8	0.4967	0.4981	0.005	43.5	34	572	14	473	Ym
25	530	-1	529c	78.18	75.03	0.56	0.5084	0.4879	0.0036	39.9	34	574	15	475	
27	540	-1	539c	75.99	66.2	0.26	0.5334	0.4647	0.0018	32.1	35	578	15	478	
29	545	-1	545c	72.53	56.82	0.13	0.5601	0.4388	0.001	24.2	36	582	16	480	
29	550	-1	549c	72.53	56.82	0.13	0.5601	0.4388	0.001	24.2	36	582	16	480	
30	555	-1	554c	70.27	52.07	0.09	0.5739	0.4252	0.0007	20.3	36	584	16	481	
32	560	-1	560c	64.66	42.7	0.05	0.6019	0.3975	0.0005	13.2	37	589	16	483	
32	563	0	405	64.52	42.24	0.94	0.599	0.3921	0.0087	12.3	38	590	16	483	Rm
32	563	6	435	68.48	41.7	22.52	0.516	0.3142	0.1697	354.9	44	621	17	487	
33	565	10	450	74.26	41.09	56.7	0.4316	0.2388	0.3295	319.8	-1	497c	19	497	
33	566	11	460	74.58	39.87	65.12	0.4153	0.222	0.3626	310.5	-1	502c	20	502	
33	568	13	465	75.98	39.31	80.02	0.389	0.2012	0.4096	297.3	-1	513c	22	513	
34	570	14	470	75.17	37.81	85.8	0.3781	0.1902	0.4316	291.7	-1	521c	24	521	
34	574	15	475	72.86	35.29	90.4	0.3669	0.1777	0.4552	286.3	-1	529c	25	529	Mm
36	580	15	480	67.32	30.04	90.39	0.3585	0.1599	0.4814	282.1	-1	535c	27	535	
39	595	17	485	54.67	21.99	96.61	0.3154	0.1269	0.5575	268.2	-1	549c	29	549	
-1	490	18	490	17.37	5.77	98.64	0.1426	0.0474	0.8099	237.7	11	459	33	566	min
-1	495c	19	495	17.41	7.21	100.19	0.1395	0.0578	0.8026	236.3	12	461	33	567	
-1	500c	20	500	17.43	9.02	101.39	0.1363	0.0705	0.793	234.6	12	464	33	568	
-1	510c	22	510	17.56	14.01	102.97	0.1305	0.1041	0.7653	229.9	13	469	34	570	
-1	520c	24	520	18.21	20.92	103.76	0.1274	0.1464	0.7261	223.6	14	473	34	572	Bm
-1	529c	25	530	18.88	24.96	104.01	0.1277	0.1688	0.7034	219.9	15	475	34	574	
-1	539c	27	540	21.07	33.79	104.3	0.1324	0.2122	0.6552	212.2	15	478	35	578	
-1	545c	29	545	24.53	43.17	104.44	0.1425	0.2507	0.6066	204.2	16	480	36	582	
-1	549c	29	550	24.53	43.17	104.44	0.1425	0.2507	0.6066	204.2	16	480	36	582	
-1	554c	30	555	26.78	47.92	104.47	0.1495	0.2674	0.583	200.4	16	481	36	584	
-1	560c	32	560	32.4	57.29	104.51	0.1668	0.2949	0.5381	193.2	16	483	37	589	
380	770	97.06	99.99	104.57	0.3218	0.3315	0.3466	0.0							

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CE180-7N,16

TUB-test chart CE18; CIE (x, y) and chromaticities (a_1 , b_1)
Ostwald optimal colours for illuminant P60; diagram for illuminant P60, $Y_w=100$

input: w/rgb/cmyk -> rgb

