

**Ostwald optimal colours (o), maximum (m)  $C_{AB,10}$  for D65,  $Y_N=3.6$ ,  $Y_W=90$ ,  $Y_M=520.770$**

$i_1$	$\lambda_1$	$i_2$	$\lambda_2$	$X_{10}$	$Y_{10}$	$Z_{10}$	$x_{10}$	$y_{10}$	$z_{10}$	$h_{xy,10}$	$l_a^*$	$l_c^*$	$l_e^*$	Code	
0	405	31	556	30.74	52.33	95.9	0.1717	0.2924	0.5358	195.1	15.476	37	585	Cm	
6	435	31	557	27.63	53.26	76.16	0.176	0.3391	0.4847	176.5	16.480	44	621	Cm	
10	450	31	559	22.65	53.56	44.02	0.1883	0.4453	0.3662	137.6	18.492	-1	492c	Cm	
11	460	32	562	22.68	54.81	36.09	0.1996	0.4825	0.3177	126.9	19.498	-1	498c	Cm	
12	465	33	565	22.93	56.0	28.9	0.2126	0.5193	0.268	118.2	21.506	-1	506c	Cm	
14	470	34	570	24.46	57.89	17.7	0.2445	0.5785	0.1769	105.6	24.522	-1	522c	Cm	
15	475	35	579	30.89	63.11	13.83	0.2864	0.5852	0.1282	96.1	26.534	-1	534c	Gm	
16	480	41	606	49.97	74.33	10.97	0.3693	0.5494	0.0811	75.6	30.550	-1	550c	Cm	
16	485	-1	484c	69.99	83.34	10.97	0.4259	0.5072	0.0668	57.5	32.560	10	454	max	
18	490	-1	490c	69.83	80.55	7.49	0.4423	0.5102	0.0474	54.3	32.562	11	459	Cm	
19	495	-1	495c	69.81	78.81	6.43	0.4502	0.5082	0.0415	52.4	32.563	12	461	Cm	
19	500	-1	499c	69.81	78.81	6.43	0.4502	0.5082	0.0415	52.4	32.563	12	461	Cm	
22	510	-1	510c	69.45	71.94	4.73	0.4752	0.4923	0.0324	44.9	33.566	13	466	Cm	
23	520	-1	519c	69.08	69.1	4.45	0.4842	0.4844	0.0312	41.9	33.568	13	468	Ym	
26	530	-1	530c	66.62	59.04	4.0	0.5137	0.4553	0.0309	31.8	34.573	14	472	Cm	
27	540	-1	539c	65.29	55.35	3.94	0.5244	0.4403	0.0316	28.3	35.576	14	473	Cm	
28	545	-1	544c	63.68	51.58	3.89	0.5343	0.4328	0.0327	24.7	35.578	14	474	Cm	
29	550	-1	549c	61.78	47.76	3.87	0.5447	0.4211	0.0341	21.3	36.580	15	475	Cm	
31	555	-1	555c	57.11	40.2	3.86	0.5644	0.3973	0.0381	14.8	37.586	15	476	Cm	
32	560	10	451	64.26	38.17	54.04	0.4106	0.2439	0.3453	318.1	-1	491c	18	491	Cm
31	556	0	405	64.07	47.66	11.42	0.5202	0.3869	0.0927	15.1	37.585	15	476	Rm	
31	557	6	435	67.17	46.73	31.21	0.4628	0.322	0.215	356.5	44	621	16	480	Cm
31	559	10	450	72.15	46.43	63.27	0.3967	0.2553	0.3479	317.6	-1	492c	18	492	Cm
32	562	11	460	72.13	45.18	71.24	0.3825	0.2396	0.3778	307.0	-1	498	19	498	Cm
33	565	12	465	71.88	43.99	78.42	0.3699	0.2264	0.4036	298.2	-1	506c	21	506	Cm
34	570	14	470	70.34	42.1	89.62	0.348	0.2083	0.4435	285.6	-1	522c	24	522	Cm
35	579	15	475	63.91	36.88	93.5	0.3289	0.1898	0.4812	276.1	-1	534c	26	534	Mm
41	606	16	480	44.83	25.66	96.35	0.2687	0.1537	0.5774	255.7	-1	550c	30	550	Cm
-1	484c	16	485	24.82	16.65	96.35	0.18	0.1208	0.699	237.5	10	454	32	560	min
-1	490c	18	490	24.98	19.44	99.83	0.1731	0.1348	0.692	234.3	11	459	32	562	Cm
-1	495c	19	495	25.0	21.18	100.89	0.1699	0.144	0.6859	232.4	12	461	32	563	Cm
-1	499c	19	500	25.0	21.18	100.89	0.1699	0.144	0.6859	232.4	12	461	32	563	Cm
-1	510c	22	510	25.36	28.05	102.59	0.1625	0.1798	0.6576	225.0	13	466	33	566	Cm
-1	519c	23	520	25.73	30.89	102.87	0.1613	0.1936	0.6449	222.0	13	468	33	568	Bm
-1	530c	26	530	28.19	40.95	103.32	0.1634	0.2374	0.599	211.8	14	472	34	573	Cm
-1	539c	27	540	29.52	44.64	103.39	0.1662	0.2514	0.5823	208.3	14	473	35	576	Cm
-1	544c	28	545	31.12	48.41	103.43	0.1701	0.2645	0.5625	204.8	14	474	35	578	Cm
-1	549c	29	550	33.02	52.23	103.45	0.175	0.2767	0.5482	201.3	15	475	36	580	Cm
-1	555c	31	555	37.69	59.79	103.47	0.1875	0.2975	0.5148	194.8	15	476	37	586	Cm
10	451	32	560	30.55	61.82	53.28	0.2097	0.4244	0.3658	138.0	18	491	-1	491c	Cm
W0	380	770	85.33	9.0	96.6	0.3137	0.3309	0.3552	0.0						
N0	380	770	3.41	3.6	3.86	0.3137	0.3309	0.3552	0.0						

**Ostwald optimal colours (o), maximum (m)  $C_{AB,10}$  for D65,  $Y_N=3.6$ ,  $Y_W=90$ ,  $Y_M=520.770$**

$i_1$	$\lambda_1$	$i_2$	$\lambda_2$	$A_{10}$	$B_{10}$	$C_{AB,10}$	$a_{10}$	$b_{10}$	$c_{10}$	$h_{xy,10}$	$l_a^*$	$l_c^*$	$l_e^*$	Code	
0	405	31	556	52.33	-47.18	-39.71	61.67	0.5872	-0.7327	220.0	15.476	37	585	Cm	
6	435	31	557	53.26	-57.12	-18.94	60.18	0.5188	-0.5715	198.3	16.480	44	621	Cm	
10	450	31	559	53.56	-70.3	13.42	61.57	0.4229	-0.3289	169.1	18.492	-1	492c	Cm	
11	460	32	562	54.81	-73.2	22.73	66.65	0.4136	-0.2632	162.7	19.498	-1	498c	Cm	
12	465	33	565	56.0	-75.4	31.19	81.6	0.4093	-0.2064	157.5	21.506	-1	506c	Cm	
14	470	34	570	57.89	-76.01	44.41	88.03	0.4226	-0.1223	149.7	24.522	-1	522c	Cm	
15	475	35	579	63.11	-72.33	53.89	90.2	0.4894	-0.0876	143.3	26.534	-1	534c	Gm	
16	480	41	606	74.33	-51.23	68.78	85.77	0.6721	-0.059	126.6	30.550	-1	550c	Cm	
16	485	-1	484c	83.34	-22.55	78.45	81.63	0.8395	-0.0526	106.0	32.560	10	454	max	
18	490	-1	490c	80.55	-16.33	78.94	80.61	0.8667	-0.0372	101.6	32.562	11	459	Cm	
19	495	-1	495c	78.81	-12.26	78.13	79.08	0.8856	-0.0326	98.9	32.563	12	461	Cm	
19	500	-1	499c	78.81	-12.26	78.13	79.08	0.8856	-0.0326	98.9	32.563	12	461	Cm	
22	510	-1	510c	71.94	3.11	72.45	72.52	0.9651	-0.0263	87.5	33.566	13	466	Cm	
23	520	-1	519c	69.1	8.91	69.69	70.26	0.9994	-0.0258	82.7	33.568	13	468	Ym	
26	530	-1	530c	59.04	26.6	59.35	65.03	1.128	-0.0271	65.8	34.573	14	472	Cm	
27	540	-1	539c	55.35	32.01	55.46	64.03	1.1791	-0.0200	60.0	35.576	14	473	Cm	
28	545	-1	544c	51.58	36.93	51.45	63.33	1.2341	-0.0302	54.3	35.578	14	474	Cm	
29	550	-1	549c	47.76	41.23	47.38	62.81	1.2931	-0.0324	48.9	36.580	15	475	Cm	
31	555	-1	555c	40.2	47.47	39.28	61.61	1.42	-0.0384	39.6	37.586	15	476	Cm	
32	560	10	451	38.17	70.12	-13.05	71.32	1.6825	-0.566	349.4	-1	491c	18	491	Cm
31	556	0	405	47.66	47.19	39.71	61.68	1.3439	-0.0958	40.0	37.585	15	476	Rm	
31	557	6	435	46.73	57.12	18.94	60.18	1.4367	-0.267	18.3	44.621	16	480	Cm	
31	559	10	450	46.43	70.28	-13.42	71.56	1.5533	-0.5448	349.1	-1	492c	18	492	Cm
32	562	11	460	45.18	73.19	-22.73	76.64	1.5958	-0.6034	342.7	-1	498	19	498	Cm
33	565	12	465	43.99	75.38	-31.18	81.58	1.6333	-0.7128	337.5	-1	506c	21	506	Cm
34	570	14	470	42.1	75.99	-44.39	88.01	1.6696	-0.8099	329.7	-1	522c	24	522	Cm
35	579	15	475	36.88	72.3	-53.87	90.17	1.7321	-1.0135	323.3	-1	534c	26	534	Mm
41	606	16	480	25.66	61.21	-68.75	85.73	1.7461	-1.5009	306.6	-1	550c	30	550	Cm
-1	484c	16	485	16.65	25.54	-78.4	81.58	1.8893	-2.3126	286.0	10	454	32	560	min
-1	490c	18	490	19.44	16.32	-78.89	80.56	1.2836	-2.0519	281.6	11	459	32	562	Cm
-1	495c	19	495	21.18	12.25	-78.09	79.04	1.1792	-1.9035	278.9	12	461	32	563	Cm
-1	499c	19	500	21.18	12.25	-78.09	79.04	1.1792	-1.9035	278.9	12	461	32	563	Cm
-1	510c	22	510	28.05	-3.11	-72.43	72.5	0.9035	-1.4619	267.5	13	466	33	566	Cm
-1	519c	23	520	30.89	-8.91	-69.67	70.23	0.8324	-1.3312	262.7	13	468	33	568	Bm
-1	530c	26	530	40.95	-26.59	-59.33	65.02	0.688	-1.3047	245.8	14	472	34	573	Cm
-1	539c	27	540	44.64	-32.0	-55.45	64.02	0.661	-0.926	240.0	14	473	35	576	Cm
-1	544c	28	545	48.41	-36.92	-51.45	63.32	0.6427	-0.8543	234.3	14	474	35	578	Cm
-1	549c	29	550	52.23	-41.22	-47.37	62.8	0.6321	-0.792	228.9	15	475	36	580	Cm
-1	555c	31	555	59.79	-47.46	-39.27	61.61	0.6302	-0.6919	219.6	15	476	37	586	Cm
10	451	32	560	61.82	-70.13	13.05	71.33	0.494	-0.3447	169.4	18	491	-1	491c	Cm
W0	380	770	9.0	0.0	0.0	0.0	0.0	0.9478	-0.4292	0.0	$B_c=1,000$				
N0	380	770	3.6	0.0	0.0	0.									