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Ostwald optimal colours (o), maximum (m) $C_{AB,10}$ for D65, $Y_{N,10}=0$, $Y_{W,10}=100$, $Y_m=520_770$														
i_1, λ_1	i_2, λ_2	X_{10}	Y_{10}	Z_{10}	x_{10}	y_{10}	z_{10}	$h_{xy,10}$	i_d, λ_d	i_c, λ_c	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	76.12	0.176	0.3391	0.4847	176.5	16 480	44 621		
10	450	31	559	22.65	53.56	44.06	0.1883	0.4453	0.3662	137.6	18 492	-1 492c		
11	460	32	562	22.68	54.81	36.09	0.1996	0.4825	0.3177	126.9	19 498	-1 498c		
12	465	33	565	22.93	56.0	28.9	0.2126	0.5193	0.268	118.2	21 506	-1 506c		
14	470	34	570	24.46	57.89	17.7	0.2445	0.5785	0.1769	105.6	24 522	-1 522c	Gm	
15	475	35	579	30.89	63.11	13.83	0.2864	0.5852	0.1282	96.1	26 534	-1 534c		
16	480	41	606	49.97	74.33	10.97	0.3693	0.5494	0.0811	75.6	30 550	-1 550c		
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		
19	495	-1	495c	69.81	78.81	6.43	0.4502	0.5082	0.0415	52.4	32 563	12 461		
19	500	-1	499c	69.81	78.81	6.43	0.4502	0.5082	0.0415	52.4	32 563	12 461		
22	510	-1	510c	69.45	71.94	4.73	0.4752	0.4923	0.0324	44.9	33 566	13 466		
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		
27	540	-1	539c	65.29	55.35	3.94	0.524	0.4443	0.0316	28.3	35 576	14 473		
28	545	-1	544c	63.68	51.58	3.89	0.5343	0.4328	0.0327	24.7	35 578	14 474		
29	550	-1	549c	61.78	47.76	3.87	0.5447	0.4211	0.0341	21.3	36 580	15 475		
31	555	-1	555c	57.11	40.2	3.86	0.5644	0.3973	0.0381	14.8	37 586	15 476		
32	560	10	451	64.26	38.17	54.04	0.4106	0.2439	0.3453	318.1	-1 491c	18 491		
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		
31	559	10	450	72.15	46.43	63.27	0.3967	0.2553	0.3479	317.6	-1 492c	18 492		
32	562	11	460	72.13	45.18	71.24	0.3825	0.2396	0.3778	307.0	-1 498c	19 498		
33	565	12	465	71.88	43.99	78.42	0.3699	0.2264	0.4036	298.2	-1 506c	21 506		
34	570	14	470	70.34	42.1	89.62	0.348	0.2083	0.4435	285.6	-1 522c	24 522	Mm	
35	579	15	475	63.91	36.88	93.5	0.3289	0.1898	0.4812	276.1	-1 534c	26 534		
41	606	16	480	44.83	25.66	96.35	0.2687	0.1537	0.5774	255.7	-1 550c	30 550		
-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		
-1	495c	19	495	25.0	21.18	100.89	0.1699	0.144	0.6859	232.4	12 461	32 563		
-1	499c	19	500	25.0	21.18	100.89	0.1699	0.144	0.6859	232.4	12 461	32 563		
-1	510c	22	510	25.36	28.05	102.59	0.1625	0.1798	0.6576	225.0	13 466	33 566		
-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		
-1	539c	27	540	29.52	44.64	103.39	0.1662	0.2514	0.5823	208.3	14 473	35 576		
-1	544c	28	545	31.12	48.41	103.43	0.1701	0.2645	0.5652	204.8	14 474	35 578		
-1	549c	29	550	33.02	52.23	103.45	0.175	0.2767	0.5482	201.3	15 475	36 580		
-1	555c	31	555	37.69	59.79	103.47	0.1875	0.2975	0.5148	194.8	15 476	37 586		
10	451	32	560	30.55	61.82	53.28	0.2097	0.4244	0.3658	138.0	18 491	-1 491c		
W0	380	770	94.81	100.0	107.33	0.3137	0.3309	0.3552	0.0					
N0	380	770	3.79	4.0	4.29	0.3137	0.3309	0.3552	0.0					

CEW40-7N

TUB-test chart CEW4; Hue circle of the Ostwald optimal colours with Y values, $Y_{N,10}=0,0$, $Y_{W,10}=100$
Data: XYZ and $YABC_{AB}h_{AB}$ as table with different wavelength, D65-10

Ostwald optimal colours (o), maximum (m) C _{AB,10} for D65, Y _{N,10} =0, Y _{W,10} =100, Y _m =520_770														
i ₁ , λ ₁	i ₂ , λ ₂	Y ₁₀	A ₁₀	B ₁₀	C _{AB,10}	a ₁₀	b ₁₀	h _{xy,10}	i _d , λ _d	i _c , λ _c	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		
10	450	31	559	53.56	-70.3	13.42	71.57	0.4229	-0.3289	169.1	18 492	-1 492c		
11	460	32	562	54.81	-73.2	22.73	76.65	0.4136	-0.2632	162.7	19 498	-1 498c		
12	465	33	565	56.0	-75.4	31.19	81.6	0.4093	-0.2064	157.5	21 506	-1 506c		
14	470	34	570	57.89	-76.01	44.41	88.03	0.4226	-0.1223	149.7	24 522	-1 522c	Gm	
15	475	35	579	63.11	-72.33	53.89	90.2	0.4894	-0.0876	143.3	26 534	-1 534c		
16	480	41	606	74.33	-51.23	68.78	85.77	0.6721	-0.059	126.6	30 550	-1 550c		
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		
19	495	-1	495c	78.81	-12.26	78.13	79.08	0.8856	-0.0326	98.9	32 563	12 461		
19	500	-1	499c	78.81	-12.26	78.13	79.08	0.8856	-0.0326	98.9	32 563	12 461		
22	510	-1	510c	71.94	3.11	72.45	72.52	0.9651	-0.0263	87.5	33 566	13 466		
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		
27	540	-1	539c	55.35	32.01	55.46	64.03	1.1791	-0.0284	60.0	35 576	14 473		
28	545	-1	544c	51.58	36.93	51.45	63.33	1.2341	-0.0302	54.3	35 578	14 474		
29	550	-1	549c	47.76	41.23	47.38	62.81	1.2931	-0.0324	48.9	36 580	15 475		
31	555	-1	555c	40.2	47.47	39.28	61.61	1.42	-0.0384	39.6	37 586	15 476		
32	560	10	451	38.17	70.12	-13.05	71.32	1.6825	-0.566	349.4	-1 491c	18 491		
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		
31	559	10	450	46.43	70.28	-13.42	71.56	1.5533	-0.5448	349.1	-1 492c	18 492		
32	562	11	460	45.18	73.19	-22.73	76.64	1.5958	-0.6304	342.7	-1 498c	19 498		
33	565	12	465	43.99	75.38	-31.18	81.58	1.6333	-0.7128	337.5	-1 506c	21 506		
34	570	14	470	42.1	75.99	-44.39	88.01	1.6696	-0.8509	329.7	-1 522c	24 522	Mm	
35	579	15	475	36.88	72.3	-53.87	90.17	1.7321	-1.0135	323.3	-1 534c	26 534		
41	606	16	480	25.66	51.21	-68.75	85.73	1.7461	-1.5009	306.6	-1 550c	30 550		
-1	484c	16	485	16.65	22.54	-78.4	81.58	1.4893	-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		
-1	495c	19	495	21.18	12.25	-78.09	79.04	1.1792	-1.9035	278.9	12 461	32 563		
-1	499c	19	500	21.18	12.25	-78.09	79.04	1.1792	-1.9035	278.9	12 461	32 563		
-1	510c	22	510	28.05	-3.11	-72.43	72.5	0.9035	-1.4619	267.5	13 466	33 566		
-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	-1.0087	245.8	14 472	34 573		
-1	539c	27	540	44.64	-32.0	-55.45	64.02	0.661	-0.926	240.0	14 473	35 576		
-1	544c	28	545	48.41	-36.92	-51.45	63.32	0.6427	-0.8543	234.3	14 474	35 578		
-1	549c	29	550	52.23	-41.22	-47.37	62.8	0.6321	-0.792	228.9	15 475	36 580		
-1	555c	31	555	59.79	-47.46	-39.27	61.61	0.6302	-0.6919	219.6	15 476	37 586		
10	451	32	560	61.82	-70.13	13.05	71.33	0.494	-0.3447	169.4	18 491	-1 491c		
W0	380	770	100.0	0.0	0.0	0.0	0.9478	-0.4292	0.0	B _c =1,000				
N0	380	770	4.0	0.0	0.0	0.0	0.9478	-0.4292	0.0	x _c =0,000				