

Ostwald optimal colours (o) of maximum (m) C _{AB} for D65, Y _w =100, Y _m =520_770, CIEXYZ data														%
i ₁ , λ ₁	i ₂ , λ ₂	X ₁₀₀	Y ₁₀₀	Z ₁₀₀	x	y	z	h _{xy}	i _d , λ _d	i _c , λ _c	Code		%	
0	405	32	561	32.57	58.2	108.12	0.1637	0.2926	0.5436	193.7	16 483	37 589	Cm	%
6	435	32	562	29.09	58.79	88.73	0.1647	0.3328	0.5023	178.4	17 486	42 610		%
10	450	32	563	22.93	59.42	52.37	0.1702	0.441	0.3887	141.8	19 496	−1 496c		%
12	460	33	565	20.88	60.32	34.02	0.1812	0.5234	0.2952	124.0	21 505	−1 505c		%
12	465	33	567	21.95	61.66	34.03	0.1866	0.5241	0.2892	122.8	21 506	−1 506c		%
14	470	33	569	21.46	62.72	19.98	0.206	0.602	0.1918	111.3	24 520	−1 520c		%
15	475	34	573	23.76	65.29	14.91	0.2285	0.6279	0.1434	105.6	25 528	−1 528c	Gm	%
16	480	36	580	29.0	69.95	11.05	0.2636	0.6358	0.1005	99.0	27 537	−1 537c		%
17	485	39	595	42.11	78.75	8.23	0.3262	0.6099	0.0638	87.2	29 548	−1 548c		%
18	490	−1	490c	77.09	93.8	6.13	0.4354	0.5298	0.0346	58.5	33 565	11 459	max	%
19	495	−1	495c	77.04	92.3	4.52	0.4431	0.5308	0.026	57.1	33 566	12 462		%
20	500	−1	500c	77.02	90.42	3.27	0.4511	0.5296	0.0191	55.3	33 567	12 464		%
22	510	−1	510c	76.89	85.27	1.63	0.4694	0.5205	0.01	50.7	33 569	13 469		%
23	520	−1	519c	76.66	81.98	1.16	0.4797	0.513	0.0072	47.7	34 570	14 471	Ym	%
25	530	−1	529c	75.53	74.04	0.57	0.503	0.4931	0.0038	40.7	34 573	15 475		%
27	540	−1	539c	73.26	64.9	0.26	0.5292	0.4688	0.0019	32.8	35 577	15 478		%
28	545	−1	544c	71.66	60.13	0.18	0.5429	0.4556	0.0014	28.7	35 579	15 479		%
29	550	−1	549c	69.7	55.26	0.13	0.5571	0.4417	0.001	24.7	36 582	16 480		%
30	555	−1	554c	67.4	50.4	0.09	0.5716	0.4274	0.0008	20.8	36 584	16 481		%
32	560	−1	560c	61.78	41.0	0.05	0.6007	0.3987	0.0005	13.6	37 589	16 483		%
380	770	95.04	100.0	108.89	0.3127	0.329	0.3582	0.0						%
Ostwald optimal colours (o) of maximum (m) C _{AB} for D65, Y _w =100, Y _m =770_520, CIEXYZ complementary														%
i ₁ , λ ₁	i ₂ , λ ₂	X ₁₀₀	Y ₁₀₀	Z ₁₀₀	x	y	z	h _{xy}	i _d , λ _d	i _c , λ _c	Code		%	
32	561	0	405	62.47	41.79	0.76	0.5947	0.3979	0.0072	13.7	37 589	16 483	Rm	%
32	562	6	435	65.95	41.2	20.15	0.518	0.3236	0.1583	358.5	42 610	17 486		%
32	563	10	450	72.11	40.57	56.51	0.4261	0.2398	0.334	321.8	−1 496c	19 496		%
33	565	12	460	74.16	39.67	74.86	0.393	0.2102	0.3967	304.0	−1 505c	21 505		%
33	567	12	465	73.08	38.33	74.86	0.3923	0.2057	0.4018	302.9	−1 506c	21 506		%
33	569	14	470	73.57	37.27	88.9	0.3683	0.1866	0.445	291.3	−1 520c	24 520		%
34	573	15	475	71.27	34.7	93.97	0.3564	0.1735	0.4699	285.7	−1 528c	25 528	Mm	%
36	580	16	480	66.03	30.04	97.83	0.3405	0.1549	0.5045	279.1	−1 537c	27 537		%
39	595	17	485	52.92	21.24	100.65	0.3027	0.1215	0.5757	267.2	−1 548c	29 548		%
−1	490c	18	490	17.95	6.19	102.75	0.1414	0.0487	0.8097	238.5	11 459	33 565	min	%
−1	495c	19	495	18.0	7.69	104.36	0.1384	0.0591	0.8024	237.1	12 462	33 566		%
−1	500c	20	500	18.02	9.57	105.61	0.1352	0.0719	0.7928	235.4	12 464	33 567		%
−1	510c	22	510	18.14	14.72	107.25	0.1295	0.105	0.7654	230.7	13 469	33 569		%
−1	519c	23	520	18.37	18.01	107.72	0.1275	0.1249	0.7475	227.7	14 471	34 570	Bm	%
−1	529c	25	530	19.5	25.95	108.31	0.1268	0.1687	0.7043	220.7	15 475	34 573		%
−1	539c	27	540	21.77	35.09	108.62	0.1315	0.212	0.6563	212.8	15 478	35 577		%
−1	544c	28	545	23.38	39.86	108.7	0.1359	0.2318	0.6321	208.8	15 479	35 579		%
−1	549c	29	550	25.33	44.73	108.76	0.1416	0.2501	0.6081	204.7	16 480	36 582		%
−1	554c	30	555	27.63	49.59	108.79	0.1485	0.2665	0.5848	200.8	16 481	36 584		%
−1	560c	32	560	33.26	58.99	108.83	0.1654	0.2933	0.5412	193.6	16 483	37 589		%
380	770	95.04	100.0	108.89	0.3127	0.329	0.3582	0.0						%

Ostwald optimal colours (o) of maximum (m) C_{AB} for D65, $Y_w=100$, $Y_m=520_770$, CIEXYZ data															%
i_1, λ_1	i_2, λ_2	X_{100}	Y_{100}	Z_{100}	x	y	z	h_{xy}	i_d, λ_d	i_c, λ_c	Code			%	
0	405	32	561	32.57	58.2	108.12	0.1637	0.2926	0.5436	193.7	16 483	37 589	Cm	%	
6	435	32	562	29.09	58.79	88.73	0.1647	0.3328	0.5023	178.4	17 486	42 610		%	
10	450	32	563	22.93	59.42	52.37	0.1702	0.441	0.3887	141.8	19 496	-1 496c		%	
12	460	33	565	20.88	60.32	34.02	0.1812	0.5234	0.2952	124.0	21 505	-1 505c		%	
12	465	33	567	21.95	61.66	34.03	0.1866	0.5241	0.2892	122.8	21 506	-1 506c		%	
14	470	33	569	21.46	62.72	19.98	0.206	0.602	0.1918	111.3	24 520	-1 520c		%	
15	475	34	573	23.76	65.29	14.91	0.2285	0.6279	0.1434	105.6	25 528	-1 528c	Gm	%	
16	480	36	580	29.0	69.95	11.05	0.2636	0.6358	0.1005	99.0	27 537	-1 537c		%	
17	485	39	595	42.11	78.75	8.23	0.3262	0.6099	0.0638	87.2	29 548	-1 548c		%	
18	490	-1	490c	77.09	93.8	6.13	0.4354	0.5298	0.0346	58.5	33 565	11 459	max	%	
19	495	-1	495c	77.04	92.3	4.52	0.4431	0.5308	0.026	57.1	33 566	12 462		%	
20	500	-1	500c	77.02	90.42	3.27	0.4511	0.5296	0.0191	55.3	33 567	12 464		%	
22	510	-1	510c	76.89	85.27	1.63	0.4694	0.5205	0.01	50.7	33 569	13 469		%	
23	520	-1	519c	76.66	81.98	1.16	0.4797	0.513	0.0072	47.7	34 570	14 471	Ym	%	
25	530	-1	529c	75.53	74.04	0.57	0.503	0.4931	0.0038	40.7	34 573	15 475		%	
27	540	-1	539c	73.26	64.9	0.26	0.5292	0.4688	0.0019	32.8	35 577	15 478		%	
28	545	-1	544c	71.66	60.13	0.18	0.5429	0.4556	0.0014	28.7	35 579	15 479		%	
29	550	-1	549c	69.7	55.26	0.13	0.5571	0.4417	0.001	24.7	36 582	16 480		%	
30	555	-1	554c	67.4	50.4	0.09	0.5716	0.4274	0.0008	20.8	36 584	16 481		%	
32	560	-1	560c	61.78	41.0	0.05	0.6007	0.3987	0.0005	13.6	37 589	16 483		%	
380	770	95.04	100.0	108.89	0.3127	0.329	0.3582	0.0						%	

b* _{e,AB} and CIE data of a elementary hue circle according to CIE R1-47 for Ostwald colours for CIE illuminant D65																								
Xy _i , abc _{AB} , ABC _{AB} , LabC* _{ab} h _{ab} data for relative spacing of elementary hue h _{AB} of LINYAB for CIE 2 degree observer																								
Elementary hue circle with 4 intended elementary hue angles: h _{AB} = 17.7, 93.3, 159.1, 270.8 of LINYAB, and 16 intended hue angles:																								
17.7 36.6 55.5 74.4 93.3 109.7 126.2 142.7 159.1 187.0 214.9 242.8 270.8 297.5 324.2 351.0																								
LINYAB data of CIE test colours 9 (R): 11.2 9.9 3.1, 10 (Y): 59.0 −1.2 20.9, 11 (G): 20.3 −7.2 27.2, 12 (B): 6.4 0.1 −8.2																								
no _{AB}	Y	x	y	a	b	c _{AB}	A	B	C _{AB}	h _{AB}	L*	a*	b*	C* _{ab}	h _{ab}	rgb* _{e,AB}	Code _{AB}							
000	41.1	0.508	0.314	1.615	−0.224	0.697	27.3	8.6	28.7	17.5	70.2	71.9	29.3	77.6	22.2	1.00 0.00 0.00	% R00Y #							
001	41.7	0.59	0.393	1.499	−0.016	0.691	22.9	17.5	28.8	37.3	70.7	61.3	99.1	116.6	58.2	1.00 0.25 0.00	% R25Y #							
002	56.0	0.554	0.444	1.249	0.0	0.527	16.7	24.3	29.5	55.5	79.6	39.3	135.2	140.8	73.7	1.00 0.50 0.00	% R50Y #							
003	69.3	0.516	0.481	1.072	−0.002	0.45	8.5	30.0	31.2	74.2	86.7	18.2	143.3	144.5	82.7	1.00 0.75 0.00	% R75Y #							
004	83.1	0.476	0.515	0.923	−0.006	0.43	−2.1	35.6	35.7	93.5	93.0	−4.4	142.7	142.8	91.7	1.00 1.00 0.00	% Y00G #							
005	92.9	0.429	0.533	0.805	−0.027	0.433	−13.4	37.9	40.2	109.5	97.1	−26.2	117.8	120.7	102.5	0.75 1.00 0.00	% Y25G #							
006	84.5	0.373	0.575	0.649	−0.035	0.5	−25.4	33.8	42.3	126.9	93.6	−56.2	107.3	121.2	117.6	0.50 1.00 0.00	% Y50G #							
007	71.9	0.276	0.634	0.435	−0.056	0.639	−37.0	27.2	46.0	143.6	87.9	−102.5	88.5	135.4	139.2	0.25 1.00 0.00	% Y75G #							
008	61.7	0.188	0.532	0.354	−0.21	0.637	−36.8	13.9	39.3	159.2	82.8	−119.3	36.7	124.8	162.8	0.00 1.00 0.00	% G00B #							
009	59.0	0.166	0.375	0.443	−0.487	0.509	−29.9	−3.0	30.1	185.8	81.3	−94.1	−6.4	94.3	183.9	0.00 1.00 0.50	% G25B #							
010	58.2	0.163	0.296	0.552	−0.727	0.494	−23.2	−17.0	28.7	216.2	80.8	−69.1	−31.1	75.8	204.2	0.00 1.00 1.00	% G50B #							
011	38.6	0.134	0.227	0.592	−1.124	0.776	−13.8	−26.6	30.0	242.5	68.5	−53.0	−54.1	75.7	225.6	0.00 0.50 1.00	% G75B #							
012	18.7	0.127	0.129	0.985	−2.302	1.867	0.6	−34.9	34.9	271.0	50.3	3.4	−84.8	84.9	272.3	0.00 0.00 1.00	% B00R #							
013	10.6	0.204	0.075	2.711	−3.816	3.812	18.8	−36.1	40.7	297.5	39.0	99.2	−100.7	141.4	314.5	0.50 0.50 1.00	% B25R #							
014	29.3	0.338	0.152	2.224	−1.338	1.561	37.3	−26.4	45.8	324.6	61.0	108.8	−60.3	124.4	331.0	1.00 0.00 1.00	% B50R #							
015	40.5	0.423	0.237	1.784	−0.572	0.845	33.8	−5.5	34.2	350.6	69.8	86.4	−14.1	87.5	350.7	1.00 0.00 0.50	% B75R #							
016	41.1	0.508	0.314	1.615	−0.224	0.697	27.3	8.6	28.7	17.5	70.2	71.9	29.3	77.6	22.2	1.00 0.00 0.00	% R00Y #							
CIEXYZ data of CIE test colours 9 (R): 20.6 11.2 4.3, 10 (Y): 54.8 59.0 12.0, 11 (G): 12.1 20.3 15.3, 12 (B): 6.2 6.4 27.6																								
5 step equidistant grey scale with intended lightness: L* = 0.0, 25.0, 50.0, 75.0, 100.0																								
000	0.0	0.0	0.0	0.0	0.0	1.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00	% N000W #							
001	4.4	0.312	0.329	0.95	−0.435	0.01	0.0	0.0	0.0	77.1	25.0	0.0	0.0	0.0	0.0	0.25 0.25 0.25	% N025W #							
002	18.4	0.312	0.329	0.95	−0.435	0.01	0.0	0.0	0.0	57.4	50.0	0.0	0.0	0.0	0.0	0.50 0.50 0.50	% N050W #							
003	48.2	0.312	0.329	0.95	−0.435	0.01	0.0	0.0	0.0	22.9	75.0	0.0	0.0	0.0	0.0	0.75 0.75 0.75	% N075W #							
004	100.0	0.312	0.329	0.95	−0.435	0.01	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	1.00 1.00 1.00	% N100W #							