

Ostwald optimal colours (o) of maximum (m) C _{AB} for D65, Y _w =100, Y _m =520_770, LINYAB data															%
i ₁ , λ ₁	i ₂ , λ ₂	Y ₁₀₀	A ₁₀₀	B ₁₀₀	C _{AB}	a	b	h _{AB}	i _d , λ _d	i _c , λ _c	Code				%
0	405	32	561	58.2	-22.74	-17.89	28.94	0.5596	-0.743	218.1	16 483	37 589	Cm		%
6	435	32	562	58.79	-26.78	-9.88	28.55	0.4948	-0.6036	200.2	17 486	42 610			%
10	450	32	563	59.42	-33.54	4.93	33.9	0.3859	-0.3525	171.6	19 496	-1 496c			%
12	460	33	565	60.32	-36.45	12.66	38.58	0.3461	-0.2256	160.8	21 505	-1 505c			%
12	465	33	567	61.66	-36.65	13.24	38.97	0.356	-0.2207	160.1	21 506	-1 506c			%
14	470	33	569	62.72	-38.14	19.32	42.76	0.3422	-0.1274	153.1	24 520	-1 520c			%
15	475	34	573	65.29	-38.28	22.47	44.39	0.364	-0.0913	149.5	25 528	-1 528c	Gm		%
16	480	36	580	69.95	-37.48	26.04	45.64	0.4146	-0.0632	145.2	27 537	-1 537c			%
17	485	39	595	78.75	-32.73	31.0	45.09	0.5347	-0.0418	136.5	29 548	-1 548c			%
18	490	-1	490c	93.8	-12.06	38.4	40.25	0.8218	-0.0261	107.4	33 565	11 459	max		%
19	495	-1	495c	92.3	-10.68	38.39	39.85	0.8346	-0.0195	105.5	33 566	12 462			%
20	500	-1	500c	90.42	-8.91	38.07	39.1	0.8518	-0.0144	103.1	33 567	12 464			%
22	510	-1	510c	85.27	-4.15	36.48	36.72	0.9016	-0.0076	96.5	33 569	13 469			%
23	520	-1	519c	81.98	-1.26	35.24	35.26	0.935	-0.0056	92.0	34 570	14 471	Ym		%
25	530	-1	529c	74.04	5.15	32.02	32.43	1.0201	-0.0031	80.8	34 573	15 475			%
27	540	-1	539c	64.9	11.57	28.16	30.44	1.1288	-0.0016	67.6	35 577	15 478			%
28	545	-1	544c	60.13	14.5	26.11	29.87	1.1917	-0.0012	60.9	35 579	15 479			%
29	550	-1	549c	55.26	17.18	24.01	29.53	1.2613	-0.0009	54.4	36 582	16 480			%
30	555	-1	554c	50.4	19.49	21.91	29.33	1.3372	-0.0007	48.3	36 584	16 481			%
32	560	-1	560c	41.0	22.8	17.83	28.95	1.5064	-0.0005	38.0	37 589	16 483			%
380	770	100.0	0.0	0.0	0.01	0.9504	-0.4355	0.0							%
Ostwald optimal colours (o) of maximum (m) C _{AB} for D65, Y _w =100, Y _m =770_520, LINYAB complementary															%
i ₁ , λ ₁	i ₂ , λ ₂	Y ₁₀₀	A ₁₀₀	B ₁₀₀	C _{AB}	a	b	h _{AB}	i _d , λ _d	i _c , λ _c	Code				%
32	561	0	405	41.79	22.74	17.89	28.94	1.4946	-0.0072	38.1	37 589	16 483	Rm		%
32	562	6	435	41.2	26.78	9.88	28.55	1.6006	-0.1956	20.2	42 610	17 486			%
32	563	10	450	40.57	33.54	-4.93	33.9	1.7771	-0.557	351.6	-1 496c	19 496			%
33	565	12	460	39.67	36.45	-12.66	38.58	1.8691	-0.7547	340.8	-1 505c	21 505			%
33	567	12	465	38.33	36.65	-13.24	38.97	1.9064	-0.781	340.1	-1 506c	21 506			%
33	569	14	470	37.27	38.14	-19.32	42.76	1.9738	-0.954	333.1	-1 520c	24 520			%
34	573	15	475	34.7	38.28	-22.47	44.39	2.0536	-1.083	329.5	-1 528c	25 528	Mm		%
36	580	16	480	30.04	37.48	-26.04	45.64	2.1982	-1.3026	325.2	-1 537c	27 537			%
39	595	17	485	21.24	32.73	-31.0	45.09	2.4914	-1.8952	316.5	-1 548c	29 548			%
-1	490c	18	490	6.19	12.06	-38.4	40.25	2.899	-6.6372	287.4	11 459	33 565	min		%
-1	495c	19	495	7.69	10.68	-38.39	39.85	2.3392	-5.4245	285.5	12 462	33 566			%
-1	500c	20	500	9.57	8.91	-38.07	39.1	1.8814	-4.4105	283.1	12 464	33 567			%
-1	510c	22	510	14.72	4.15	-36.48	36.72	1.2328	-2.9143	276.5	13 469	33 569			%
-1	519c	23	520	18.01	1.26	-35.24	35.26	1.0204	-2.3925	272.0	14 471	34 570	Bm		%
-1	529c	25	530	25.95	-5.15	-32.02	32.43	0.7516	-1.6693	260.8	15 475	34 573			%
-1	539c	27	540	35.09	-11.57	-28.16	30.44	0.6205	-1.238	247.6	15 478	35 577			%
-1	544c	28	545	39.86	-14.5	-26.11	29.87	0.5865	-1.0906	240.9	15 479	35 579			%
-1	549c	29	550	44.73	-17.18	-24.01	29.53	0.5663	-0.9725	234.4	16 480	36 582			%
-1	554c	30	555	49.59	-19.49	-21.91	29.33	0.5572	-0.8774	228.3	16 481	36 584			%
-1	560c	32	560	58.99	-22.8	-17.83	28.95	0.5638	-0.7379	218.0	16 483	37 589			%
380	770	100.0	0.0	0.0	0.01	0.9504	-0.4355	0.0							%

Ostwald optimal colours (o) of maximum (m) C _{AB} for D65, Y _w =100, Y _m =520_770, LINYAB data															%
i ₁ , λ ₁	i ₂ , λ ₂	Y ₁₀₀	A ₁₀₀	B ₁₀₀	C _{AB}	a	b	h _{AB}	i _d , λ _d	i _c , λ _c	Code				%
0	405	32	561	58.2	−22.74	−17.89	28.94	0.5596	−0.743	218.1	16 483	37	589	Cm	%
6	435	32	562	58.79	−26.78	−9.88	28.55	0.4948	−0.6036	200.2	17 486	42	610		%
10	450	32	563	59.42	−33.54	4.93	33.9	0.3859	−0.3525	171.6	19 496	−1	496c		%
12	460	33	565	60.32	−36.45	12.66	38.58	0.3461	−0.2256	160.8	21 505	−1	505c		%
12	465	33	567	61.66	−36.65	13.24	38.97	0.356	−0.2207	160.1	21 506	−1	506c		%
14	470	33	569	62.72	−38.14	19.32	42.76	0.3422	−0.1274	153.1	24 520	−1	520c		%
15	475	34	573	65.29	−38.28	22.47	44.39	0.364	−0.0913	149.5	25 528	−1	528c	Gm	%
16	480	36	580	69.95	−37.48	26.04	45.64	0.4146	−0.0632	145.2	27 537	−1	537c		%
17	485	39	595	78.75	−32.73	31.0	45.09	0.5347	−0.0418	136.5	29 548	−1	548c		%
18	490	−1	490c	93.8	−12.06	38.4	40.25	0.8218	−0.0261	107.4	33 565	11	459	max	%
19	495	−1	495c	92.3	−10.68	38.39	39.85	0.8346	−0.0195	105.5	33 566	12	462		%
20	500	−1	500c	90.42	−8.91	38.07	39.1	0.8518	−0.0144	103.1	33 567	12	464		%
22	510	−1	510c	85.27	−4.15	36.48	36.72	0.9016	−0.0076	96.5	33 569	13	469		%
23	520	−1	519c	81.98	−1.26	35.24	35.26	0.935	−0.0056	92.0	34 570	14	471	Ym	%
25	530	−1	529c	74.04	5.15	32.02	32.43	1.0201	−0.0031	80.8	34 573	15	475		%
27	540	−1	539c	64.9	11.57	28.16	30.44	1.1288	−0.0016	67.6	35 577	15	478		%
28	545	−1	544c	60.13	14.5	26.11	29.87	1.1917	−0.0012	60.9	35 579	15	479		%
29	550	−1	549c	55.26	17.18	24.01	29.53	1.2613	−0.0009	54.4	36 582	16	480		%
30	555	−1	554c	50.4	19.49	21.91	29.33	1.3372	−0.0007	48.3	36 584	16	481		%
32	560	−1	560c	41.0	22.8	17.83	28.95	1.5064	−0.0005	38.0	37 589	16	483		%
	380	770	100.0	0.0	0.0	0.0	0.01	0.9504	−0.4355	0.0					%

rgb* _{e,AB} and CIE data of a elementary hue circle according to CIE R1-47 for Ostwald colours for CIE illuminant D65															
X _{xy} , a _{C_{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 2.7, 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}	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 0.00 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	0.00 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	0.0	100.0	0.0	0.0	0.0	0.0 1.00 1.00 1.00 % N100W #