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Ostwald optimal colours (o), maximum (m) C_{AB} for D50, Y_N=3,6, Y_W=90, Y_m=520_770

i ₁ , λ ₁	i ₂ , λ ₂	Y	A ₁	B ₁	C _{A1B1}	a ₁	b ₁	h _{xy,1}	i _d , λ _d	i _c , λ _c	Code
1	405	32 564	48.45	-52.52	-26.15	58.67	0.2236	-0.5457 206.4	17 486	38 592	Cm
7	435	33 565	48.25	-54.77	-12.23	56.12	0.2032	-0.4313 192.5	18 490	46 631	
10	450	33 566	48.75	-56.74	4.51	56.92	0.1916	-0.2928 175.4	19 497	-1 497c	
12	460	33 567	49.37	-57.34	16.06	59.55	0.1926	-0.1997 164.3	21 506	-1 506c	
13	465	33 568	50.0	-57.3	21.33	61.15	0.1988	-0.1592 159.5	22 512	-1 512c	
14	470	34 570	50.5	-56.89	25.72	62.43	0.2066	-0.1261 155.6	23 519	-1 519c	
15	475	34 573	52.24	-55.8	30.37	63.53	0.2299	-0.0973 151.4	25 527	-1 527c	Gm
15	480	35 578	55.34	-54.77	32.93	63.91	0.2613	-0.0919 148.9	26 532	-1 532c	
17	485	37 587	59.41	-48.2	40.63	63.04	0.3327	-0.0563 139.8	28 544	-1 544c	
18	490	44 620	71.6	-19.22	52.07	55.51	0.5498	-0.0389 110.2	32 561	-1 561c	
19	495	-1 495c	76.06	3.2	56.84	56.93	0.674	-0.0309 86.7	33 568	12 463	max
20	500	-1 500c	74.76	5.9	56.63	56.94	0.6888	-0.0268 84.0	33 569	13 466	
22	510	-1 510c	71.15	12.94	54.8	56.31	0.73	-0.0218 76.7	34 571	14 471	
23	520	-1 519c	68.78	17.2	53.19	55.9	0.7572	-0.0205 72.0	34 572	14 473	Ym
25	530	-1 529c	62.96	26.65	48.81	55.62	0.8265	-0.0197 61.3	35 575	15 477	
27	540	-1 539c	56.11	36.05	43.4	56.42	0.9142	-0.0205 50.2	35 579	16 480	
28	545	-1 544c	52.49	40.31	40.47	57.12	0.9643	-0.0214 45.1	36 581	16 481	
29	550	-1 549c	48.77	44.13	37.44	57.88	1.0192	-0.0227 40.3	36 583	16 483	
30	555	-1 554c	45.01	47.39	34.37	58.54	1.0783	-0.0244 35.9	37 585	16 484	
32	560	-1 560c	37.66	51.7	28.34	58.96	1.2062	-0.0288 28.7	38 590	17 486	
32	564	1 405	41.54	52.52	26.15	58.67	1.1629	-0.078 26.4	38 592	17 486	Rm
33	565	7 435	41.74	54.76	12.23	56.11	1.182	-0.2126 12.5	46 631	18 490	
33	566	10 450	41.24	56.73	-4.51	56.91	1.2074	-0.3736 355.4	-1 497c	19 497	
33	567	12 460	40.62	57.33	-16.06	59.54	1.2217	-0.488 344.3	-1 506c	21 506	
33	568	13 465	39.99	57.29	-21.33	61.13	1.2302	-0.5432 339.5	-1 512c	22 512	
34	570	14 470	39.49	56.88	-25.71	62.42	1.2333	-0.5903 335.6	-1 519c	23 519	
34	573	15 475	37.75	55.79	-30.36	63.52	1.2483	-0.6516 331.4	-1 527c	25 527	Mm
35	578	15 480	34.65	54.75	-32.92	63.89	1.2893	-0.7099 328.9	-1 532c	26 532	
37	587	17 485	30.58	48.18	-40.61	63.02	1.2874	-0.861 319.8	-1 544c	28 544	
44	620	18 490	18.39	19.21	-52.05	55.48	1.0751	-1.4618 290.2	-1 561c	32 561	
-1	495c	19 495	13.93	-3.2	-56.81	56.9	0.5652	-1.9609 266.7	12 463	33 568	min
-1	500c	20 500	15.23	-5.89	-56.61	56.91	0.5023	-1.8165 264.0	13 466	33 569	
-1	510c	22 510	18.84	-12.94	-54.78	56.28	0.3825	-1.4926 256.7	14 471	34 571	
-1	519c	23 520	21.21	-17.2	-53.17	55.88	0.3328	-1.3327 252.0	14 473	34 572	Bm
-1	529c	25 530	27.03	-26.65	-48.8	55.6	0.2629	-1.0518 241.3	15 477	35 575	
-1	539c	27 540	33.88	-36.05	-43.39	56.41	0.2316	-0.8422 230.2	16 480	35 579	
-1	544c	28 545	37.5	-40.3	-40.47	57.12	0.2273	-0.7615 225.1	16 481	36 581	
-1	549c	29 550	41.22	-44.13	-37.44	57.87	0.229	-0.6931 220.3	16 483	36 583	
-1	554c	30 555	44.98	-47.38	-34.37	58.54	0.2358	-0.6355 215.9	16 484	37 585	
-1	560c	32 560	52.33	-51.69	-28.34	58.96	0.262	-0.5465 208.7	17 486	38 590	
W0	380	770	90.0	0.0	0.0	0.0	0.6572	-0.3298 0.0	B _c =1,000		
N0	380	770	3.6	0.0	0.0	0.0	0.6572	-0.3298 0.0	x _c =0,110		

Ostwald optimal colours (o), maximum (m) C_{AB} for D50, Y_N=3,6, Y_W=90, Y_m=520_770

i ₁ , λ ₁	i ₂ , λ ₂	Y	A ₂	B _{c2}	C _{A2B2}	a ₂	b ₂	h _{xy,2}	i _d , λ _d	i _c , λ _c	Code
1	405	32 564	48.45	-52.52	-26.15	58.67	0.2236	-0.5457 206.4	17 486	38 592	Cm
7	435	33 565	48.25	-54.77	-12.23	56.12	0.2032	-0.4313 192.5	18 490	46 631	
10	450	33 566	48.75	-56.74	4.51	56.92	0.1916	-0.2928 175.4	19 497	-1 497c	
12	460	33 567	49.37	-57.34	16.06	59.55	0.1926	-0.1997 164.3	21 506	-1 506c	
13	465	33 568	50.0	-57.3	21.33	61.15	0.1988	-0.1592 159.5	22 512	-1 512c	
14	470	34 570	50.5	-56.89	25.72	62.43	0.2066	-0.1261 155.6	23 519	-1 519c	
15	475	34 573	52.24	-55.8	30.37	63.53	0.2299	-0.0973 151.4	25 527	-1 527c	Gm
15	480	35 578	55.34	-54.77	32.93	63.91	0.2613	-0.0919 148.9	26 532	-1 532c	
17	485	37 587	59.41	-48.2	40.63	63.04	0.3327	-0.0563 139.8	28 544	-1 544c	
18	490	44 620	71.6	-19.22	52.07	55.51	0.5498	-0.0389 110.2	32 561	-1 561c	
19	495	-1 495c	76.06	3.2	56.84	56.93	0.674	-0.0309 86.7	33 568	12 463	max
20	500	-1 500c	74.76	5.9	56.63	56.94	0.6888	-0.0268 84.0	33 569	13 466	
22	510	-1 510c	71.15	12.94	54.8	56.31	0.73	-0.0218 76.7	34 571	14 471	
23	520	-1 519c	68.78	17.2	53.19	55.9	0.7572	-0.0205 72.0	34 572	14 473	Ym
25	530	-1 529c	62.96	26.65	48.81	55.62	0.8265	-0.0197 61.3	35 575	15 477	
27	540	-1 539c	56.11	36.05	43.4	56.42	0.9142	-0.0205 50.2	35 579	16 480	
28	545	-1 544c	52.49	40.31	40.47	57.12	0.9643	-0.0214 45.1	36 581	16 481	
29	550	-1 549c	48.77	44.13	37.44	57.88	1.0192	-0.0227 40.3	36 583	16 483	
30	555	-1 554c	45.01	47.39	34.37	58.54	1.0783	-0.0244 35.9	37 585	16 484	
32	560	-1 560c	37.66	51.7	28.34	58.96	1.2062	-0.0288 28.7	38 590	17 486	
32	564	1 405	41.54	52.52	26.15	58.67	1.1629	-0.078 26.4	38 592	17 486	Rm
33	565	7 435	41.74	54.76	12.23	56.11	1.182	-0.2126 12.5	46 631	18 490	
33	566	10 450	41.24	56.73	-4.51	56.91	1.2074	-0.3736 355.4	-1 497c	19 497	
33	567	12 460	40.62	57.33	-16.06	59.54	1.2217	-0.488 344.3	-1 506c	21 506	
33	568	13 465	39.99	57.29	-21.33	61.13	1.2302	-0.5432 339.5	-1 512c	22 512	
34	570	14 470	39.49	56.88	-25.71	62.42	1.2333	-0.5903 335.6	-1 519c	23 519	
34	573	15 475	37.75	55.79	-30.36	63.52	1.2483	-0.6516 331.4	-1 527c	25 527	Mm
35	578	15 480	34.65	54.75	-32.92	63.89	1.2893	-0.7099 328.9	-1 532c	26 532	
37	587	17 485	30.58	48.18	-40.61	63.02	1.2874	-0.861 319.8	-1 544c	28 544	
44	620	18 490	18.39	19.21	-52.05	55.48	1.0751	-1.4618 290.2	-1 561c	32 561	
-1	495c	19 495	13.93	-3.2	-56.81	56.9	0.5652	-1.9609 266.7	12 463	33 568	min
-1	500c	20 500	15.23	-5.89	-56.61	56.91	0.5023	-1.8165 264.0	13 466	33 569	
-1	510c	22 510	18.84	-12.94	-54.78	56.28	0.3825	-1.4926 256.7	14 471	34 571	
-1	519c	23 520	21.21	-17.2	-53.17	55.88	0.3328	-1.3327 252.0	14 473	34 572	Bm
-1	529c	25 530	27.03	-26.65	-48.8	55.6	0.2629	-1.0518 241.3	15 477	35 575	
-1	539c	27 540	33.88	-36.05	-43.39	56.41	0.2316	-0.8422 230.2	16 480	35 579	
-1	544c	28 545	37.5	-40.3	-40.47	57.12	0.2273	-0.7615 225.1	16 481	36 581	
-1	549c	29 550	41.22	-44.13	-37.44	57.87	0.229	-0.6931 220.3	16 483	36 583	
-1	554c	30 555	44.98	-47.38	-34.37	58.54	0.2358	-0.6355 215.9	16 484	37 585	
-1	560c	32 560	52.33	-51.69	-28.34	58.96	0.262	-0.5465 208.7	17 486	38 590	
W0	380	770	90.0	0.0	0.0	0.0	0.6572	-0.3298 0.0	B _c =1,000		
N0	380	770	3.6	0.0	0.0	0.0	0.6572	-0.3298 0.0	x _c =0,110		

TUB-test chart eeh5; Ostwald optimal colours, Y_N=3,6, Y_W=90, illuminant D50, CIE-02-degree
Table data: Y_{A1}B₁C_{AB,1}h_{AB,1} and Y_{A2}B₂C_{AB,2}h_{AB,2} with different wavelength ranges

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TUB registration: 20230701-eeh5/eeh510na.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rha4ta

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