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**Ostwald optimal colours (o), maximum (m)  $C_{AB}$  for A00,  $Y_N=3,6$ ,  $Y_W=90$ ,  $Y_m=520\_770$**

$i_1, \lambda_1$	$i_2, \lambda_2$	Y	$A_1$	$B_1$	$C_{A1B1}$	$a_1$	$b_1$	$h_{xy,1}$	$i_d, \lambda_d$	$i_c, \lambda_c$	Code	
1	405	34	574	45.93	-59.57	-12.24	60.82	0.3094	-0.2489	191.6	18 494 39 599	Cm
6	435	34	574	46.09	-60.23	-8.5	60.83	0.3056	-0.2161	188.0	19 496 42 612	
9	450	34	574	46.35	-61.04	-2.79	61.11	0.3015	-0.1664	182.6	20 501 -1 501c	
12	460	35	575	46.0	-61.33	3.74	61.44	0.295	-0.1097	176.5	21 508 -1 508c	
13	465	35	575	46.26	-61.2	5.94	61.49	0.2991	-0.0909	174.4	22 512 -1 512c	
13	470	35	576	46.86	-61.21	6.15	61.51	0.3058	-0.0897	174.2	22 513 -1 513c	
14	475	35	577	47.65	-60.91	8.27	61.47	0.3169	-0.0727	172.2	23 519 -1 519c	Gm
16	480	35	579	48.7	-59.74	11.48	60.83	0.3376	-0.0479	169.1	26 533 -1 533c	
17	485	36	582	50.33	-58.25	13.07	59.7	0.3653	-0.0383	167.3	28 540 -1 540c	
18	490	37	588	53.85	-54.96	15.14	57.01	0.42	-0.0298	164.5	29 548 -1 548c	
19	495	40	601	61.06	-44.1	18.35	47.76	0.5394	-0.022	157.4	31 559 -1 559c	
20	500	-1	500c	77.63	5.72	24.77	25.42	0.8578	-0.0146	76.9	35 576 13 469	max
21	510	-1	509c	76.57	8.29	24.82	26.17	0.8716	-0.0126	71.5	35 576 14 472	
24	520	-1	520c	71.52	19.47	23.77	30.73	0.9372	-0.0093	50.6	35 579 16 480	Ym
26	530	-1	530c	66.62	28.9	22.27	36.49	1.0018	-0.0085	37.6	36 582 16 484	
28	540	-1	540c	60.72	38.73	20.3	43.73	1.0834	-0.0085	27.6	37 585 17 487	
28	545	-1	544c	60.72	38.73	20.3	43.73	1.0834	-0.0085	27.6	37 585 17 487	
29	550	-1	549c	57.48	43.44	19.18	47.49	1.1306	-0.0087	23.8	37 586 17 489	
31	555	-1	555c	50.54	51.76	16.76	54.41	1.2379	-0.0096	17.9	38 590 18 491	
32	560	-1	560c	46.93	55.05	15.48	57.19	1.2975	-0.0102	15.7	38 593 18 492	
34	574	1	405	44.06	59.57	12.24	60.81	1.369	-0.0311	11.6	39 599 18 494	Rm
34	574	6	435	43.9	60.23	8.5	60.83	1.3771	-0.0647	8.0	42 612 19 496	
34	574	9	450	43.64	61.04	2.79	61.1	1.3877	-0.1166	2.6	-1 501c 20 501	
35	575	12	460	43.99	61.32	-3.74	61.44	1.3858	-0.1763	356.5	-1 508c 21 508	
35	575	13	465	43.73	61.19	-5.94	61.48	1.388	-0.1966	354.4	-1 512c 22 512	
35	576	13	470	43.13	61.2	-6.15	61.5	1.3958	-0.1993	354.2	-1 513c 22 513	
35	577	14	475	42.34	60.9	-8.27	61.46	1.4036	-0.2204	352.2	-1 519c 23 519	Mm
35	579	16	480	41.29	59.73	-11.48	60.82	1.4069	-0.2535	349.1	-1 533c 26 533	
36	582	17	485	39.66	58.24	-13.07	59.69	1.4155	-0.2741	347.3	-1 540c 28 540	
37	588	18	490	36.14	54.95	-15.13	57.0	1.4364	-0.3098	344.5	-1 548c 29 548	
40	601	19	495	28.93	44.09	-18.34	47.75	1.4379	-0.3959	337.4	-1 559c 31 559	
-1	500c	20	500	12.36	-5.72	-24.76	25.41	0.6431	-0.9436	256.9	13 469 35 576	min
-1	509c	21	510	13.42	-8.29	-24.81	26.16	0.581	-0.8819	251.5	14 472 35 576	
-1	520c	24	520	18.47	-19.47	-23.77	30.72	0.4067	-0.6569	230.6	16 480 35 579	Bm
-1	530c	26	530	23.37	-28.9	-22.27	36.49	0.3337	-0.5233	217.6	16 484 36 582	
-1	540c	28	540	29.27	-38.72	-20.3	43.72	0.299	-0.4197	207.6	17 487 37 585	
-1	544c	28	545	29.27	-38.72	-20.3	43.72	0.299	-0.4197	207.6	17 487 37 585	
-1	549c	29	550	32.51	-43.44	-19.18	47.49	0.2938	-0.3783	203.8	17 489 37 586	
-1	555c	31	555	39.45	-51.76	-16.76	54.41	0.3034	-0.3122	197.9	18 491 38 590	
-1	560c	32	560	43.06	-55.06	-15.48	57.19	0.3169	-0.2861	195.7	18 492 38 593	
W0	380	770	89.99	0.0	0.0	0.0	0.8283	-0.1422	0.0	$B_c=1,000$		
N0	380	770	3.59	0.0	0.0	0.0	0.8283	-0.1422	0.0	$x_c=0,110$		

**Ostwald optimal colours (o), maximum (m)  $C_{AB}$  for A00,  $Y_N=3,6$ ,  $Y_W=90$ ,  $Y_m=520\_770$**

$i_1, \lambda_1$	$i_2, \lambda_2$	Y	$A_2$	$B_{c2}$	$C_{A2B2}$	$a_2$	$b_2$	$h_{xy,2}$	$i_d, \lambda_d$	$i_c, \lambda_c$	Code	
1	405	34	574	45.93	-59.57	-30.6	66.98	0.3094	-0.2489	207.1	18 494 39 599	Cm
6	435	34	574	46.09	-60.23	-21.26	63.88	0.3056	-0.2161	199.4	19 496 42 612	
9	450	34	574	46.35	-61.04	-6.98	61.44	0.3015	-0.1664	186.5	20 501 -1 501c	
12	460	35	575	46.0	-61.33	9.36	62.04	0.295	-0.1097	171.3	21 508 -1 508c	
13	465	35	575	46.26	-61.2	14.85	62.98	0.2991	-0.0909	166.3	22 512 -1 512c	
13	470	35	576	46.86	-61.21	15.38	63.11	0.3058	-0.0897	165.8	22 513 -1 513c	
14	475	35	577	47.65	-60.91	20.69	64.33	0.3169	-0.0727	161.2	23 519 -1 519c	Gm
16	480	35	579	48.7	-59.74	28.71	66.28	0.3376	-0.0479	154.3	26 533 -1 533c	
17	485	36	582	50.33	-58.25	32.69	66.8	0.3653	-0.0383	150.6	28 540 -1 540c	
18	490	37	588	53.85	-54.96	37.85	66.73	0.42	-0.0298	145.4	29 548 -1 548c	
19	495	40	601	61.06	-44.1	45.87	63.63	0.5394	-0.022	133.8	31 559 -1 559c	
20	500	-1	500c	77.63	5.72	61.93	62.19	0.8578	-0.0146	84.7	35 576 13 469	max
21	510	-1	509c	76.57	8.29	62.05	62.61	0.8716	-0.0126	82.3	35 576 14 472	
24	520	-1	520c	71.52	19.47	59.43	62.54	0.9372	-0.0093	71.8	35 579 16 480	Ym
26	530	-1	530c	66.62	28.9	55.68	62.74	1.0018	-0.0085	62.5	36 582 16 484	
28	540	-1	540c	60.72	38.73	50.76	63.85	1.0834	-0.0085	52.6	37 585 17 487	
28	545	-1	544c	60.72	38.73	50.76	63.85	1.0834	-0.0085	52.6	37 585 17 487	
29	550	-1	549c	57.48	43.44	47.97	64.72	1.1306	-0.0087	47.8	37 586 17 489	
31	555	-1	555c	50.54	51.76	41.9	66.6	1.2379	-0.0096	38.9	38 590 18 491	
32	560	-1	560c	46.93	55.05	38.72	67.31	1.2975	-0.0102	35.1	38 593 18 492	
34	574	1	405	44.06	59.57	30.6	66.97	1.369	-0.0311	27.1	39 599 18 494	Rm
34	574	6	435	43.9	60.23	21.26	63.87	1.3771	-0.0647	19.4	42 612 19 496	
34	574	9	450	43.64	61.04	6.98	61.43	1.3877	-0.1166	6.5	-1 501c 20 501	
35	575	12	460	43.99	61.32	-9.36	62.03	1.3858	-0.1763	351.3	-1 508c 21 508	
35	575	13	465	43.73	61.19	-14.85	62.97	1.388	-0.1966	346.3	-1 512c 22 512	
35	576	13	470	43.13	61.2	-15.38	63.1	1.3958	-0.1993	345.8	-1 513c 22 513	
35	577	14	475	42.34	60.9	-20.69	64.32	1.4036	-0.2204	341.2	-1 519c 23 519	Mm
35	579	16	480	41.29	59.73	-28.71	66.27	1.4069	-0.2535	334.3	-1 533c 26 533	
36	582	17	485	39.66	58.24	-32.69	66.78	1.4155	-0.2741	330.6	-1 540c 28 540	
37	588	18	490	36.14	54.95	-37.84	66.72	1.4364	-0.3098	325.4	-1 548c 29 548	
40	601	19	495	28.93	44.09	-45.86	63.62	1.4379	-0.3959	313.8	-1 559c 31 559	
-1	500c	20	500	12.36	-5.72	-61.91	62.17	0.6431	-0.9436	264.7	13 469 35 576	min
-1	509c	21	510	13.42	-8.29	-62.04	62.59	0.581	-0.8819	262.3	14 472 35 576	
-1	520c	24	520	18.47	-19.47	-59.43	62.53	0.4067	-0.6569	251.8	16 480 35 579	Bm
-1	530c	26	530	23.37	-28.9	-55.68	62.73	0.3337	-0.5233	242.5	16 484 36 582	
-1	540c	28	540	29.27	-38.72	-50.76	63.85	0.299	-0.4197	232.6	17 487 37 585	
-1	544c	28	545	29.27	-38.72	-50.76	63.85	0.299	-0.4197	232.6	17 487 37 585	
-1	549c	29	550	32.51	-43.44	-47.97	64.72	0.2938	-0.3783	227.8	17 489 37 586	
-1	555c	31	555	39.45	-51.76	-41.9	66.6	0.3034	-0.3122	218.9	18 491 38 590	
-1	560c	32	560	43.06	-55.06	-38.72	67.31	0.3169	-0.2861	215.1	18 492 38 593	
W0	380	770	89.99	0.0	0.0	0.0	0.8283	-0.3557	0.0	$B_c=2,500$		
N0	380	770	3.59	0.0	0.0	0.0	0.8283	-0.3557	0.0	$x_c=0,110$		

TUB-test chart eeh8; Ostwald optimal colours,  $Y_N=3,6$ ,  $Y_W=90$ , illuminant A00, CIE-02-degree  
Table data:  $YA_1B_1C_{AB,1}h_{AB,1}$  and  $YA_2B_2C_{AB,2}h_{AB,2}$  with different wavelength ranges

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TUB registration: 20230701-eeh8/eeh8l0na.txt /.ps  
application for evaluation and measurement of display or print output  
TUB material: code=rha4ta

eeh80-7n

eeh81-7n