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TUB registration: 20230701-eeh7/eeh710np.pdf /.ps  
 application for evaluation and measurement of display or print output  
 TUB material: code=rh4ta

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

$i_1, \lambda_1$	$i_2, \lambda_2$	X	Y	Z	x	y	z	$h_{xy}$	$i_d, \lambda_d$	$i_c, \lambda_c$	Code	
1	405	34	574	25.18	45.93	28.58	0.2525	0.4606	0.2867	164.7	18 494 39 599	Cm
6	435	34	574	24.61	46.09	24.91	0.2573	0.482	0.2605	158.5	19 496 42 612	
9	450	34	574	23.82	46.35	19.28	0.2662	0.5181	0.2156	148.5	20 501 -1 501c	
12	460	35	575	22.49	46.0	12.62	0.2773	0.567	0.1555	136.8	21 508 -1 508c	
13	465	35	575	22.57	46.26	10.51	0.2844	0.583	0.1325	132.8	22 512 -1 512c	
13	470	35	576	23.2	46.86	10.52	0.2879	0.5815	0.1305	132.5	22 513 -1 513c	
14	475	35	577	23.93	47.65	8.67	0.2982	0.5937	0.108	128.7	23 519 -1 519c	Gm
16	480	35	579	25.22	48.7	5.84	0.3162	0.6105	0.0732	122.8	26 533 -1 533c	
17	485	36	582	27.48	50.33	4.82	0.3325	0.609	0.0584	119.6	28 540 -1 540c	
18	490	37	588	32.57	53.85	4.01	0.3601	0.5954	0.0444	114.9	29 548 -1 548c	
19	495	40	601	44.98	61.06	3.37	0.411	0.558	0.0308	103.5	31 559 -1 559c	
20	500	-1	500c	84.79	77.63	2.84	0.513	0.4697	0.0172	43.5	35 576 13 469	max
21	510	-1	509c	84.77	76.57	2.41	0.5176	0.4675	0.0147	40.5	35 576 14 472	
24	520	-1	520c	84.38	71.52	1.66	0.5355	0.4539	0.0105	27.8	35 579 16 480	Ym
26	530	-1	530c	83.42	66.62	1.42	0.5507	0.4398	0.0094	17.4	36 582 16 484	
28	540	-1	540c	81.6	60.72	1.29	0.5681	0.4227	0.009	7.2	37 585 17 487	
28	545	-1	544c	81.6	60.72	1.29	0.5681	0.4227	0.009	7.2	37 585 17 487	
29	550	-1	549c	80.3	57.48	1.26	0.5775	0.4134	0.009	2.6	37 586 17 489	
31	555	-1	555c	76.72	50.54	1.21	0.5971	0.3933	0.0094	354.6	38 590 18 491	
32	560	-1	560c	74.39	46.93	1.2	0.6071	0.383	0.0098	351.3	38 593 18 492	
34	574	1	405	73.68	44.06	3.43	0.6079	0.3636	0.0283	344.7	39 599 18 494	Rm
34	574	6	435	74.25	43.9	7.11	0.5927	0.3504	0.0567	338.5	42 612 19 496	
34	574	9	450	75.04	43.64	12.73	0.5709	0.332	0.0969	328.6	-1 501c 20 501	
35	575	12	460	76.36	43.99	19.4	0.5463	0.3147	0.1388	316.8	-1 508c 21 508	
35	575	13	465	76.28	43.73	21.5	0.539	0.3089	0.1519	312.9	-1 512c 22 512	
35	576	13	470	75.66	43.13	21.5	0.5392	0.3074	0.1532	312.5	-1 513c 22 513	
35	577	14	475	74.92	42.34	23.35	0.5328	0.3011	0.166	308.7	-1 519c 23 519	Mm
35	579	16	480	73.63	41.29	26.18	0.5218	0.2926	0.1855	302.9	-1 533c 26 533	
36	582	17	485	71.38	39.66	27.19	0.5163	0.2869	0.1967	299.7	-1 540c 28 540	
37	588	18	490	66.28	36.14	28.0	0.5081	0.277	0.2147	294.9	-1 548c 29 548	
40	601	19	495	53.88	28.93	28.64	0.4833	0.2595	0.257	283.6	-1 559c 31 559	
-1	500c	20	500	14.07	12.36	29.17	0.253	0.2222	0.5246	223.5	13 469 35 576	min
-1	509c	21	510	14.08	13.42	29.6	0.2466	0.235	0.5183	220.6	14 472 35 576	
-1	520c	24	520	14.48	18.47	30.35	0.2287	0.2918	0.4794	207.8	16 480 35 579	Bm
-1	530c	26	530	15.44	23.37	30.59	0.2224	0.3367	0.4407	197.4	16 484 36 582	
-1	540c	28	540	17.25	29.27	30.72	0.2233	0.3789	0.3977	187.2	17 487 37 585	
-1	544c	28	545	17.25	29.27	30.72	0.2233	0.3789	0.3977	187.2	17 487 37 585	
-1	549c	29	550	18.56	32.51	30.76	0.2267	0.3973	0.3758	182.6	17 489 37 586	
-1	555c	31	555	22.13	39.45	30.8	0.2395	0.4269	0.3334	174.6	18 491 38 590	
-1	560c	32	560	24.47	43.06	30.81	0.2488	0.4378	0.3133	171.2	18 492 38 593	
W0	380	770	98.86	89.99	32.02	0.4475	0.4074	0.1449	0.0			
N0	380	770	3.95	3.59	1.28	0.4475	0.4074	0.1449	0.0			

**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	B	$C_{AB}$	a	b	$h_{xy}$	$i_d, \lambda_d$	$i_c, \lambda_c$	Code	
1	405	34	574	45.93	-63.15	-12.24	64.33	0.5481	-0.2489	190.9	18 494 39 599	Cm
6	435	34	574	46.09	-65.05	-8.5	65.6	0.5337	-0.2161	187.4	19 496 42 612	
9	450	34	574	46.35	-67.72	-2.79	67.78	0.5137	-0.1664	182.3	20 501 -1 501c	
12	460	35	575	46.0	-70.07	3.74	70.17	0.4889	-0.1097	176.9	21 508 -1 508c	
13	465	35	575	46.26	-70.6	5.94	70.85	0.4878	-0.0909	175.1	22 512 -1 512c	
13	470	35	576	46.86	-70.67	6.15	70.94	0.4949	-0.0897	175.0	22 513 -1 513c	
14	475	35	577	47.65	-71.0	8.27	71.48	0.5021	-0.0727	173.3	23 519 -1 519c	Gm
16	480	35	579	48.7	-70.67	11.48	71.6	0.5178	-0.0479	170.7	26 533 -1 533c	
17	485	36	582	50.33	-69.49	13.07	70.71	0.5459	-0.0383	167.3	28 540 -1 540c	
18	490	37	588	53.85	-66.43	15.14	68.13	0.6048	-0.0298	167.1	29 548 -1 548c	
19	495	40	601	61.06	-55.22	18.35	58.19	0.7364	-0.022	161.6	31 559 -1 559c	
20	500	-1	500c	77.63	-1.22	24.77	24.8	1.0919	-0.0146	92.8	35 576 13 469	max
21	510	-1	509c	76.57	1.65	24.82	24.87	1.1068	-0.0126	86.1	35 576 14 472	
24	520	-1	520c	71.52	14.53	23.77	27.86	1.1795	-0.0093	58.5	35 579 16 480	Ym
26	530	-1	530c	66.62	25.59	22.27	33.93	1.2519	-0.0085	41.0	36 582 16 484	
28	540	-1	540c	60.72	37.24	20.3	42.41	1.3435	-0.0085	28.6	37 585 17 487	
28	545	-1	544c	60.72	37.24	20.3	42.41	1.3435	-0.0085	28.6	37 585 17 487	
29	550	-1	549c	57.48	42.88	19.18	46.98	1.3966	-0.0087	24.1	37 586 17 489	
31	555	-1	555c	50.54	52.98	16.76	55.57	1.5174	-0.0096	17.5	38 590 18 491	
32	560	-1	560c	46.93	57.07	15.48	59.14	1.5847	-0.0102	15.1	38 593 18 492	
34	574	1	405	44.06	63.15	12.24	64.32	1.6714	-0.0311	10.9	39 599 18 494	Rm
34	574	6	435	43.9	65.04	8.5	65.6	1.6909	-0.0647	7.4	42 612 19 496	
34	574	9	450	43.64	67.72	2.79	67.77	1.7188	-0.1166	2.3	-1 501c 20 501	
35	575	12	460	43.99	70.06	-3.74	70.16	1.7352	-0.1763	356.9	-1 508c 21 508	
35	575	13	465	43.73	70.59	-5.94	70.84	1.7439	-0.1966	355.1	-1 512c 22 512	
35	576	13	470	43.13	70.66	-6.15	70.93	1.7535	-0.1993	355.0	-1 513c 22 513	
35	577	14	475	42.34	70.99	-8.27	71.47	1.7687	-0.2204	353.3	-1 519c 23 519	Mm
35	579	16	480	41.29	70.66	-11.48	71.58	1.7827	-0.2535	350.7	-1 533c 26 533	
36	582	17	485	39.66	69.47	-13.07	70.69	1.7988	-0.2741	349.3	-1 540c 28 540	
37	588	18	490	36.14	66.42	-15.13	68.12	1.8333	-0.3098	347.1	-1 548c 29 548	
40	601	19	495	28.93	55.21	-18.34	58.18	1.8615	-0.3959	341.6	-1 559c 31 559	
-1	500c	20	500	12.36	1.22	-24.76	24.79	1.1377	-0.9436	272.8	13 469 35 576	min
-1	509c	21	510	13.42	-1.65	-24.81	24.87	1.0489	-0.8819	266.1	14 472 35 576	
-1	520c	24	520	18.47	-14.53	-23.77	27.86	0.7836	-0.6569	238.5	16 480 35 579	Bm
-1	530c	26	530	23.37	-25.59	-22.27	33.92	0.6602	-0.5233	221.0	16 484 36 582	
-1	540c	28	540	29.27	-37.24	-20.3	42.41	0.5893	-0.4197	208.6	17 487 37 585	
-1	544c	28	545	29.27	-37.24	-20.3	42.41	0.5893	-0.4197	208.6	17 487 37 585	
-1	549c	29	550	32.51	-42.88	-19.18	46.98	0.5706	-0.3783	204.1	17 489 37 586	
-1	555c	31	555	39.45	-52.98	-16.76	55.57	0.5609	-0.3122	197.5	18 491 38 590	
-1	560c	32	560	43.06	-57.08	-15.48	59.14	0.5681	-0.2861	195.1	18 492 38 593	
W0	380	770	89.99	0.0	0.0	0.0	1.0982	-0.1422	0.0	$B_c=1,000$		
N0	380	770	3.59	0.0	0.0	0.0	1.0982	-0.1422	0.0	$x_c=0,000$		

TUB-test chart eeh7; Ostwald optimal colours,  $Y_N=3,6$ ,  $Y_W=90$ , illuminant A00, CIE-02-degree  
 Table data: XYZ and  $YABC_{AB}h_{AB}$  with different wavelength ranges