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TUB registration: 20230701-eu7/eu7/7001.txt / .ps
application for evaluation and measurement of display or print output
TUB material: code=thadta

Ostwald optimal colours (o), maximum (m) C _{AB} for P65, Y _N =3,6, Y _W =90, Y _m =520 770													
l ₁	l ₂	l ₃	X	Y	Z	x	y	z	h _{xy}	l _d	l _c	l _c	Code
1	405	31	556	31.62	48.45	118.42	0.1593	0.2441	0.5965	20.80	16	480	37 585 Cm
7	435	31	557	25.1	49.15	83.6	0.159	0.3113	0.5295	17.47	17	486	-1 486c
9	450	31	559	22.29	50.63	63.9	0.163	0.3695	0.4673	14.47	18	492	-1 492c
11	460	32	562	19.9	51.49	45.12	0.1707	0.4419	0.3872	12.41	20	501	-1 501c
13	465	32	564	18.52	52.48	29.24	0.1847	0.5235	0.2917	11.07	22	514	-1 514c
13	470	33	567	20.18	54.58	29.25	0.194	0.5246	0.2812	10.86	23	516	-1 516c
15	475	34	573	21.94	57.09	18.51	0.2249	0.5852	0.1898	9.92	26	530	-1 530c
16	480	36	584	28.26	62.43	14.94	0.2675	0.5909	0.1414	90.9	27	539	-1 539c
16	485	45	629	51.16	75.14	14.95	0.3621	0.5319	0.1058	69.4	31	557	6 430
18	490	-1 490c	55.88	75.03	10.3	0.3957	0.5313	0.0729	62.7	32	561	11 457 max	
18	495	-1 494c	55.88	75.03	10.3	0.3957	0.5313	0.0729	62.7	32	561	11 457	
20	500	-1 500c	55.82	71.94	7.67	0.4121	0.5311	0.0566	59.6	32	563	12 462	
21	510	-1 509c	55.79	69.84	6.82	0.4211	0.5272	0.0515	57.6	32	564	12 464	
23	520	-1 519c	55.5	64.42	5.79	0.4414	0.5124	0.046	52.4	33	567	13 469 Ym	
26	530	-1 530c	53.73	53.93	5.13	0.4762	0.4782	0.0455	42.3	34	573	14 474	
28	540	-1 540c	51.39	46.63	4.96	0.5005	0.451	0.0483	34.8	35	577	15 477	
28	545	-1 544c	51.39	46.3	4.96	0.5005	0.451	0.0483	34.8	35	577	15 477	
29	550	-1 549c	49.85	42.46	4.92	0.5126	0.4366	0.0506	31.0	35	579	15 478	
30	555	-1 554c	48.06	38.67	4.89	0.5244	0.422	0.0534	27.2	36	582	15 479	
31	560	10 451	58.62	35.78	67.89	0.3611	0.2204	0.4183	321.0	-1 493c	18 493		
31	556	1 405	52.31	41.54	15.62	0.4778	0.3794	0.1426	23.0	37	585	16 480 Rm	
31	557	7 435	58.83	40.84	50.44	0.3918	0.272	0.336	350.4	-1 486c	17 486		
31	559	9 450	61.64	39.46	70.13	0.3599	0.2304	0.4095	324.7	-1 492c	18 492		
32	562	11 460	64.03	35.85	88.92	0.3344	0.2011	0.4644	304.2	-1 501c	20 501		
32	564	13 465	65.41	37.51	104.79	0.3149	0.1805	0.5045	290.8	-1 514c	22 514		
33	567	13 470	63.74	35.41	104.79	0.3125	0.1736	0.5137	288.6	-1 516c	23 516		
34	573	15 475	61.99	32.9	115.52	0.2946	0.1563	0.549	279.2	-1 530c	26 530	Mm	
36	584	16 480	55.67	27.56	119.09	0.2751	0.1362	0.5886	270.9	-1 539c	27 539		
45	629	16 485	32.77	14.85	118.08	0.1965	0.0891	0.7143	249.5	6 430	31 557		
-1 490c	18 490	28.05	14.96	123.74	0.1682	0.0897	0.742	242.7	11 457	32 561	min		
-1 494c	18 495	28.05	14.96	123.74	0.1682	0.0897	0.742	242.7	11 457	32 561			
-1 500c	20 500	28.11	18.05	126.36	0.1629	0.1046	0.7323	239.7	12 462	32 563			
-1 509c	21 510	28.14	20.15	127.22	0.1603	0.1148	0.7248	237.7	12 464	32 564			
-1 519c	23 520	28.43	25.57	128.25	0.1559	0.1403	0.7037	232.5	13 469	33 567	Bm		
-1 530c	26 530	30.2	36.04	128.9	0.1547	0.1846	0.6605	222.4	14 474	34 573			
-1 540c	28 540	32.54	43.69	129.07	0.1584	0.2128	0.6286	214.8	15 477	35 577			
-1 544c	28 545	32.54	43.69	129.07	0.1584	0.2128	0.6286	214.8	15 477	35 577			
-1 549c	29 550	34.08	47.53	129.12	0.1617	0.2255	0.6127	211.0	15 478	35 579			
-1 554c	30 555	35.87	51.32	129.14	0.1658	0.2372	0.5969	207.2	15 479	36 582			
10 451	31 560	25.31	54.21	66.15	0.1737	0.3721	0.554	140.9	18 493	-1 493c			
W0	380	770	83.93	89.99	134.04	0.2725	0.2922	0.4352	0.0				
N0	380	770	3.35	3.59	5.36	0.2725	0.2922	0.4352	0.0				

Ostwald optimal colours (o), maximum (m) C _{AB} for P65, Y _N =3,6, Y _W =90, Y _m =520 770													
l ₁	l ₂	l ₃	Y	A ₂	B ₂	C _{AB,2}	a ₂	b ₂	h _{xy,2}	l _d	l _c	l _c	Code
1	405	31	556	48.45	-42.89	-16.63	46.0	0.2019	-0.7328	20.11	16	480	37 585 Cm
7	435	31	557	49.15	-48.97	10.5	50.09	0.1574	-0.51	16.78	17	486	-1 486c
9	450	31	559	50.53	-52.12	27.32	58.85	0.1434	-0.3793	15.23	18	492	-1 492c
11	460	32	562	51.49	-53.87	42.83	68.82	0.1375	-0.2628	14.15	20	501	-1 501c
13	465	32	564	52.48	-54.22	56.21	78.1	0.1427	-0.1671	13.39	22	514	-1 514c
13	470	33	567	54.58	-54.0	59.33	80.22	0.1602	-0.1607	13.23	23	516	-1 516c
15	475	34	573	57.09	-51.34	71.12	87.72	0.1962	-0.0972	12.58	26	530	-1 530c
16	480	36	584	62.43	-45.18	71.84	93.4	0.2665	-0.0718	11.89	27	539	-1 539c
16	485	45	629	75.14	-15.41	100.66	101.83	0.4739	-0.0597	98.7	31	557	6 430
18	490	-1 490c	75.03	-3.44	103.99	104.04	0.5376	-0.0411	91.8	32	561	11 457 max	
18	495	-1 494c	75.03	-3.44	103.99	104.04	0.5376	-0.0411	91.8	32	561	11 457	
20	500	-1 500c	71.94	2.28	101.35	101.36	0.5687	-0.032	88.7	32	563	12 462	
21	510	-1 509c	69.84	5.94	98.88	99.08	0.59	-0.0293	86.5	32	564	12 464	
23	520	-1 519c	64.42	14.61	91.58	92.74	0.6467	-0.0269	80.9	33	567	13 469 Ym	
26	530	-1 530c	53.95	28.28	76.48	81.54	0.7657	-0.0285	69.7	34	573	14 474	
28	540	-1 540c	46.3	35.86	65.21	74.42	0.8658	-0.0321	61.1	35	577	15 477	
28	545	-1 544c	46.3	35.86	65.21	74.42	0.8658	-0.0321	61.1	35	577	15 477	
29	550	-1 549c	42.46	38.84	59.53	71.08	0.9219	-0.0347	56.8	35	579	15 478	
30	555	-1 554c	38.67	41.16	53.91	67.83	0.9817	-0.0379	52.6	36	582	15 479	
31	560	10 451	35.78	52.12	2.38	52.18	1.1387	-0.5689	2.6	-1 493c	18 493		
31	556	1 405	41.54	42.89	50.14	65.98	0.969	-0.1127	49.4	37	585	16 480 Rm	
31	557	7 435	40.84	48.97	22.99	54.1	1.0356	-0.3703	25.1	-1 486c	17 486		
31	559	9 450	39.46	52.11	6.18	52.48	1.0842	-0.5329	6.7	-1 492c	18 492		
32	562	11 460	35.85	53.85	-9.32	54.65	1.1154	-0.6924	35.01	-1 501c	20 501		
32	564	13 465	37.51	54.2	-22.7	58.76	1.1339	-0.8376	337.2	-1 514c	22 514		
33	567	13 470	35.41	53.98	-25.81	59.84	1.1657	-0.8871	334.4	-1 516c	23 516		
34	573	15 475	32.9	51.32	-37.79	63.62	1.1799	-1.0526	323.7	-1 530c	26 530	Mm	
36	584	16 480	27.56	45.16	-48.21	66.06	1.2113	-1.2952	313.1	-1 539c	27 539		
45	629	16 485	14.85	15.39	-67.09	68.83	0.9705	-2.4021	282.9	6 430	31 557		
-1 490c	18 490	14.96	3.43	-70.42	70.5	0.6478	-2.4777	272.7	11 457	32 561	min		
-1 494c	18 495	14.96	3.43	-70.42	70.5	0.6478	-2.4777	272.7	11 457	32 561			
-1 500c	20 500	18.05	-2.28	-67.79	67.83	0.5053	-2.4777	268.0	12 462	32 563			
-1 509c	21 510	20.15	-5.94	-65.33	65.6	0.438	-1.8924	264.8	12 464	32 564			
-1 519c	23 520	25.57	-14.6	-58.04	59.85	0.3275	-1.5035	255.8	13 469	33 567	Bm		
-1 530c	26 530	36.04	-28.27	-42.96	51.43	0.2421	-1.0723	236.6	14 474	34 573			
-1 540c	28 540	43.69	-35.85	-31.7	47.86	0.2277	-0.8857	221.4	15 477	35 577			
-1 544c	28 545	43.69	-35.85	-31.7	47.86	0.2277	-0.8857	221.4	15 477	35 577			
-1 549c	29 550	47.53	-38.83	-26.02	46.74	0.2292	-0.8145	213.8	15 478	35 579			
-1 554c	30 555	51.32	-41.16	-20.4	45.94	0.2352	-0.7546	206.3	15 479	36 582			
10 451	31 560	54.21	-52.13	31.12	60.72	0.1713	-0.3659	149.1	18 493	-1 493c			
W0	380	770	89.99	0.0	0.0	0.0	0.556	-0.4466	0.0	B _c =0.750			
N0	380	770	3.59	0.0	0.0	0.0	0.556	-0.4466	0.0	x _c =0.110			

TUB-test chart eu7: Ostwald optimal colours, Y_N=3,6, Y_W=90, illuminant P65, CIE-02-degree
Ostwald colour code: CIEXYZ and TUBLAB, and eight different colour diagrams

