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Ostwald optimal colours (o), maximum (m) $CAB,10$ for D50, $Y_{N,10}=3,6$, $Y_{W,10}=90$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	X_{10}	Y_{10}	Z_{10}	x_{10}	y_{10}	z_{10}	$h_{xy,10}$	i_d, λ_d	i_c, λ_c	Code		
1 405	31 559	25.89	47.0	65.01	0.1877	0.3408	0.4713	186.6	15 479	37 589	Cm		
7 435	32 561	22.97	46.96	49.12	0.1929	0.3944	0.4126	167.2	16 484	58 693			
10 450	32 562	20.62	47.28	32.2	0.206	0.4722	0.3216	141.4	18 493	-1 493c			
12 460	32 564	20.07	48.08	21.51	0.2238	0.5362	0.2399	125.0	20 503	-1 503c			
13 465	33 566	20.32	48.62	17.04	0.2363	0.5653	0.1982	118.3	22 511	-1 511c			
14 470	34 570	21.81	50.16	13.35	0.2555	0.5878	0.1565	111.9	24 521	-1 521c			
15 475	35 576	25.61	53.3	10.47	0.2865	0.5963	0.1171	104.4	26 531	-1 531c	Gm		
16 480	38 590	34.97	59.74	8.3	0.3394	0.5798	0.0806	92.1	28 543	-1 543c			
17 485	-1 485c	68.04	75.24	6.74	0.4535	0.5015	0.0449	53.2	32 563	11 458			
18 490	-1 490c	68.0	74.08	5.61	0.4604	0.5015	0.038	51.5	32 564	12 460			
19 495	-1 495c	67.99	72.69	4.77	0.4674	0.4997	0.0328	49.4	33 565	12 462	max		
20 500	-1 500c	67.96	71.07	4.15	0.4746	0.4963	0.029	47.1	33 566	12 464			
21 510	-1 509c	67.87	69.2	3.71	0.4821	0.4915	0.0263	44.4	33 567	13 466			
24 520	-1 520c	66.89	62.01	2.98	0.5071	0.4702	0.0225	34.7	34 571	14 471	Ym		
25 530	-1 529c	66.18	59.09	2.85	0.5165	0.4611	0.0222	31.0	34 573	14 473			
28 540	-1 540c	62.64	49.37	2.66	0.5462	0.4304	0.0232	19.6	35 579	15 476			
29 545	-1 545c	60.94	45.94	2.64	0.5563	0.4194	0.0241	16.0	36 581	15 477			
29 550	-1 549c	60.94	45.94	2.64	0.5563	0.4194	0.0241	16.0	36 581	15 477			
31 555	-1 555c	56.69	39.06	2.63	0.5761	0.397	0.0268	9.3	37 587	15 479			
32 560	2 411	54.47	35.74	4.13	0.5773	0.3787	0.0438	4.7	38 591	16 480			
31 559	1 405	61.15	42.99	8.26	0.544	0.3824	0.0734	6.6	37 589	15 479	Rm		
32 561	7 435	64.08	43.03	24.14	0.4881	0.3278	0.1839	347.3	58 693	16 484			
32 562	10 450	66.42	42.71	41.06	0.4422	0.2843	0.2733	321.5	-1 493c	18 493			
32 564	12 460	66.98	41.91	51.75	0.4169	0.2609	0.3221	305.0	-1 503c	20 503			
33 566	13 465	66.72	41.37	56.22	0.406	0.2518	0.3421	298.4	-1 511c	22 511			
34 570	14 470	65.24	39.83	59.91	0.3954	0.2414	0.3631	292.0	-1 521c	24 521			
35 576	15 475	61.44	36.69	62.8	0.3817	0.228	0.3902	284.5	-1 531c	26 531	Mm		
38 590	16 480	52.07	30.25	64.96	0.3535	0.2054	0.441	272.1	-1 543c	28 543			
-1 485c	17 485	19.01	14.75	66.52	0.1895	0.1471	0.6633	233.3	11 458	32 563			
-1 490c	18 490	19.04	15.91	67.65	0.1855	0.1551	0.6593	231.5	12 460	32 564			
-1 495c	19 495	19.05	17.3	68.49	0.1817	0.165	0.6532	229.5	12 462	33 565	min		
-1 500c	20 500	19.08	18.92	69.11	0.1781	0.1766	0.6451	227.1	12 464	33 566			
-1 509c	21 510	19.17	20.79	69.56	0.175	0.1898	0.635	224.5	13 466	33 567			
-1 520c	24 520	20.15	27.98	70.29	0.1702	0.2362	0.5935	214.7	14 471	34 571	Bm		
-1 529c	25 530	20.86	30.9	70.41	0.1707	0.2529	0.5763	211.0	14 473	34 573			
-1 540c	28 540	24.4	40.62	70.6	0.1799	0.2995	0.5205	199.6	15 476	35 579			
-1 545c	29 545	26.1	44.05	70.62	0.1854	0.3129	0.5016	196.0	15 477	36 581			
-1 549c	29 550	26.1	44.05	70.62	0.1854	0.3129	0.5016	196.0	15 477	36 581			
-1 555c	31 555	30.36	50.93	70.63	0.1998	0.3352	0.4648	189.3	15 479	37 587			
2 411	32 560	32.57	54.25	69.13	0.2088	0.3478	0.4432	184.7	16 480	38 591			
W0 380	770	87.05	89.99	73.27	0.3477	0.3595	0.2927	0.0					
N0 380	770	3.48	3.59	2.93	0.3477	0.3595	0.2927	0.0					

DEJ40-7N

TUB-test chart DEJ4; Ostwald optimal colours, $Y_{N,10}=3,6$, $Y_{W,10}=90$, illuminant D50, CIE-10-degree
Table data: XYZ_{10} and $[YABCABh_{AB}]_{10}$ with different wavelength ranges

Ostwald optimal colours (o), maximum (m) $CAB,10$ for D50, $Y_{N,10}=3,6$, $Y_{W,10}=90$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	Y_{10}	A_{10}	B_{10}	$CAB,10$	a_{10}	b_{10}	$h_{xy,10}$	i_d, λ_d	i_c, λ_c	Code		
1 405	31 559	47.0	-48.91	-26.73	55.74	0.5507	-0.553	208.6	15 479	37 589	Cm		
7 435	32 561	46.96	-56.1	-10.89	57.15	0.489	-0.4183	190.9	16 484	58 693			
10 450	32 562	47.28	-62.74	6.28	63.05	0.4361	-0.2723	174.2	18 493	-1 493c			
12 460	32 564	48.08	-66.07	17.62	68.38	0.4173	-0.1789	165.0	20 503	-1 503c			
13 465	33 566	48.62	-66.72	22.52	70.42	0.418	-0.1402	161.3	22 511	-1 511c			
14 470	34 570	50.16	-66.75	27.47	72.19	0.4347	-0.1064	157.6	24 521	-1 521c			
15 475	35 576	53.3	-64.83	32.91	72.71	0.4804	-0.0785	153.0	26 531	-1 531c	Gm		
16 480	38 590	59.74	-57.0	40.31	69.82	0.5853	-0.0556	144.7	28 543	-1 543c			
17 485	-1 485c	75.24	-11.83	54.49	55.76	0.904	-0.0358	102.2	32 563	11 458			
18 490	-1 490c	74.08	-9.1	54.68	55.43	0.9178	-0.0303	99.4	32 564	12 460			
19 495	-1 495c	72.69	-5.79	54.39	54.7	0.9351	-0.0262	96.0	33 565	12 462	max		
20 500	-1 500c	71.07	-1.94	53.69	53.72	0.956	-0.0233	92.0	33 566	12 464			
21 510	-1 509c	69.2	2.35	52.61	52.66	0.9806	-0.0214	87.4	33 567	13 466			
24 520	-1 520c	62.01	17.27	47.49	50.54	1.0783	-0.0192	70.0	34 571	14 471	Ym		
25 530	-1 529c	59.09	22.57	45.24	50.56	1.1197	-0.0193	63.4	34 573	14 473			
28 540	-1 540c	49.37	37.23	37.51	52.85	1.2686	-0.0216	45.2	35 579	15 476			
29 545	-1 545c	45.94	41.25	34.74	53.93	1.3261	-0.023	40.1	36 581	15 477			
29 550	-1 549c	45.94	41.25	34.74	53.93	1.3261	-0.023	40.1	36 581	15 477			
31 555	-1 555c	39.06	47.25	29.15	55.52	1.4508	-0.027	31.6	37 587	15 479			
32 560	2 411	35.74	49.75	24.95	55.66	1.5238	-0.0463	26.6	38 591	16 480			
31 559	1 405	42.99	48.91	26.73	55.74	1.4221	-0.0768	28.6	37 589	15 479	Rm		
32 561	7 435	43.03	56.1	10.89	57.15	1.4884	-0.2243	10.9	58 693	16 484			
32 562	10 450	42.71	62.73	-6.28	63.04	1.5543	-0.3844	354.2	-1 493c	18 493			
32 564	12 460	41.91	66.06	-17.62	68.37	1.5974	-0.4937	345.0	-1 503c	20 503			
33 566	13 465	41.37	66.7	-22.51	70.4	1.6118	-0.5432	341.3	-1 511c	22 511			
34 570	14 470	39.83	66.74	-27.46	72.17	1.6372	-0.6014	337.6	-1 521c	24 521			
35 576	15 475	36.69	64.82	-32.9	72.69	1.6735	-0.6842	333.0	-1 531c	26 531	Mm		
38 590	16 480	30.25	56.98	-40.3	69.79	1.7203	-0.8584	324.7	-1 543c	28 543			
-1 485c	17 485	14.75	11.82	-54.46	55.73	1.2876	-1.8023	282.2	11 458	32 563			
-1 490c	18 490	15.91	9.09	-54.65	55.41	1.1956	-1.699	279.4	12 460	32 564			
-1 495c	19 495	17.3	5.79	-54.37	54.68	1.1008	-1.5826	276.0	12 462	33 565	min		
-1 500c	20 500	18.92	1.94	-53.67	53.7	1.0081	-1.4599	272.0	12 464	33 566			
-1 509c	21 510	20.79	-2.35	-52.59	52.65	0.9216	-1.3372	267.4	13 466	33 567			
-1 520c	24 520	27.98	-17.26	-47.48	50.53	0.7201	-1.0044	250.0	14 471	34 571	Bm		
-1 529c	25 530	30.9	-22.56	-45.23	50.55	0.6748	-0.9111	243.4	14 473	34 573			
-1 540c	28 540	40.62	-37.22	-37.51	52.84	0.6004	-0.6948	225.2	15 476	35 579			
-1 545c	29 545	44.05	-41.25	-34.74	53.93	0.5924	-0.6409	220.1	15 477	36 581			
-1 549c	29 550	44.05	-41.25	-34.74	53.93	0.5924	-0.6409	220.1	15 477	36 581			
-1 555c	31 555	50.93	-47.25	-29.15	55.52	0.5959	-0.5545	211.6	15 479	37 587			
2 411	32 560	54.25	-49.75	-24.95	55.66	0.6001	-0.5094	206.6	16 480	38 591			
W0 380	770	89.99	0.0	0.0	0.0	0.9669	-0.3255	0.0	$B_c=1,000$				
N0 380	770	3.59	0.0	0.0	0.0	0.9669	-0.3255	0.0	$x_c=0,000$				

DEJ41-7N

TUB registration: 20221101-DEJ4/DEJ4L0NA.TXT /PS
application for evaluation and measurement of display or print output

TUB material: code=rha4ta